

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111723\
 Data File : VX038868.D
 Acq On : 17 Nov 2023 09:56
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 17 22:45:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/18/2023
 Supervised By : Mahesh Dadoda 11/20/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	162009	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	295859	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	272899	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	137785	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	123729	47.396	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.800%		
35) Dibromofluoromethane	5.379	113	101647	47.571	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.140%		
50) Toluene-d8	8.647	98	385929	47.206	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.420%		
62) 4-Bromofluorobenzene	11.079	95	152815	46.695	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.380%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	98022	51.854	ug/l	97
3) Chloromethane	1.294	50	109909	44.546	ug/l	98
4) Vinyl Chloride	1.374	62	115086	48.423	ug/l	100
5) Bromomethane	1.599	94	61709	62.798	ug/l	100
6) Chloroethane	1.685	64	67884	50.050	ug/l	99
7) Trichlorofluoromethane	1.886	101	151587	50.263	ug/l	100
8) Diethyl Ether	2.130	74	62455	47.546	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	94888	47.443	ug/l	98
10) Methyl Iodide	2.453	142	112389	46.168	ug/l	89
11) Tert butyl alcohol	2.953	59	167685	230.949	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	94594	46.846	ug/l	87
13) Acrolein	2.233	56	103934	270.566	ug/l	98
14) Allyl chloride	2.660	41	186165	46.048	ug/l	92
15) Acrylonitrile	3.056	53	351488	229.105	ug/l	99
16) Acetone	2.373	43	383089	275.666	ug/l #	89
17) Carbon Disulfide	2.508	76	267379	42.748	ug/l	99
18) Methyl Acetate	2.697	43	302648	45.850	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	337199	47.479	ug/l	98
20) Methylene Chloride	2.788	84	112570	44.936	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	103423	46.419	ug/l	94
22) Diisopropyl ether	3.751	45	353113	47.611	ug/l	95
23) Vinyl Acetate	3.715	43	1275298	238.754	ug/l	98
24) 1,1-Dichloroethane	3.605	63	193944	46.762	ug/l	99
25) 2-Butanone	4.544	43	530575	235.438	ug/l	96
26) 2,2-Dichloropropane	4.471	77	170642	47.432	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	120739	46.491	ug/l	95
28) Bromochloromethane	4.891	49	98432	49.432	ug/l	99
29) Tetrahydrofuran	4.995	42	333701	233.213	ug/l	96
30) Chloroform	5.086	83	192856	47.620	ug/l	100
31) Cyclohexane	5.464	56	172841	46.373	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	165375m	47.144	ug/l	
36) 1,1-Dichloropropene	5.684	75	143291	46.789	ug/l	98
37) Ethyl Acetate	4.702	43	187070	46.885	ug/l	97
38) Carbon Tetrachloride	5.672	117	140600	49.675	ug/l	96
39) Methylcyclohexane	7.379	83	186868	46.779	ug/l	97
40) Benzene	6.031	78	430539	47.532	ug/l	99

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 Response via : Initial Calibration

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	95949	46.366	ug/l	92
42) 1,2-Dichloroethane	6.080	62	146014	48.655	ug/l	97
43) Isopropyl Acetate	6.330	43	304885	47.814	ug/l	97
44) Trichloroethene	7.123	130	106988	48.526	ug/l	98
45) 1,2-Dichloropropane	7.427	63	117977	48.400	ug/l	99
46) Dibromomethane	7.574	93	79339	48.808	ug/l	98
47) Bromodichloromethane	7.818	83	153686	47.635	ug/l	99
48) Methyl methacrylate	7.690	41	140577	45.438	ug/l	92
49) 1,4-Dioxane	7.653	88	59765	998.515	ug/l #	90
51) 4-Methyl-2-Pentanone	8.567	43	972371	238.622	ug/l	98
52) Toluene	8.714	92	269715	47.984	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	183107	47.758	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	192004	48.481	ug/l	92
55) 1,1,2-Trichloroethane	9.147	97	112813	48.101	ug/l	92
56) Ethyl methacrylate	9.110	69	189827	47.836	ug/l	96
57) 1,3-Dichloropropane	9.305	76	185245	47.758	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	462928	250.424	ug/l	96
59) 2-Hexanone	9.427	43	793966	243.087	ug/l	96
60) Dibromochloromethane	9.519	129	115742	48.535	ug/l	100
61) 1,2-Dibromoethane	9.610	107	118811	48.276	ug/l	99
64) Tetrachloroethene	9.269	164	81217	47.879	ug/l	96
65) Chlorobenzene	10.079	112	282634	48.079	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	102266	48.362	ug/l	98
67) Ethyl Benzene	10.189	91	525169	48.625	ug/l	100
68) m/p-Xylenes	10.299	106	394746	96.620	ug/l	99
69) o-Xylene	10.640	106	194866	48.203	ug/l	99
70) Styrene	10.652	104	327594	47.983	ug/l	98
71) Bromoform	10.799	173	87109	49.414	ug/l #	100
73) Isopropylbenzene	10.963	105	504505	46.995	ug/l	98
74) N-amyl acetate	10.841	43	271313	47.809	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	192737	45.991	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	165303m	48.085	ug/l	
77) Bromobenzene	11.195	156	113237	46.943	ug/l	96
78) n-propylbenzene	11.305	91	630514	47.715	ug/l	98
79) 2-Chlorotoluene	11.360	91	362400	46.212	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	432719	47.939	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	73251	47.263	ug/l #	79
82) 4-Chlorotoluene	11.451	91	426144	47.128	ug/l	99
83) tert-Butylbenzene	11.713	119	424740	47.778	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	435209	47.635	ug/l	98
85) sec-Butylbenzene	11.890	105	555867	47.803	ug/l	99
86) p-Isopropyltoluene	12.006	119	446277	47.809	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	224143	47.451	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	224522	46.440	ug/l	100
89) n-Butylbenzene	12.329	91	451343	47.923	ug/l	97
90) Hexachloroethane	12.536	117	89211	47.857	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	215390	48.075	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	49176	47.895	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	143575	47.822	ug/l	96
94) Hexachlorobutadiene	13.725	225	51359	48.306	ug/l	99
95) Naphthalene	13.774	128	521044	46.598	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	136361	47.912	ug/l	98

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ClientSampleId :
VSTDCCC050

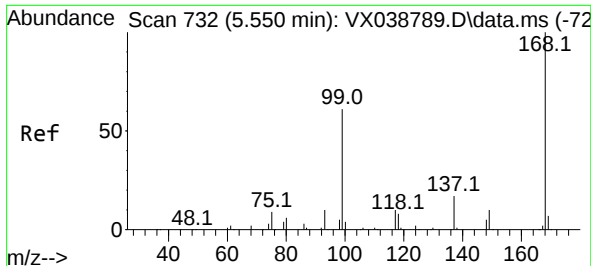
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 11/20/2023

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 16 22:59:22 2023
Response via : Initial Calibration

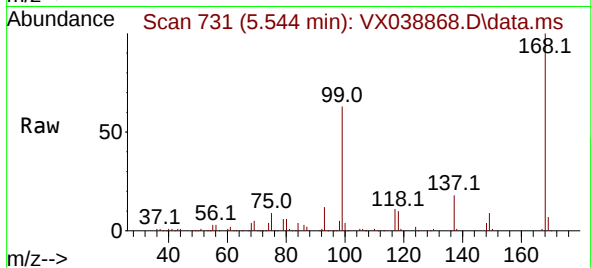
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038868.D
Acq: 17 Nov 2023 09:56

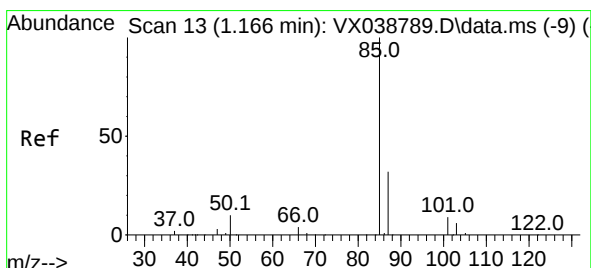
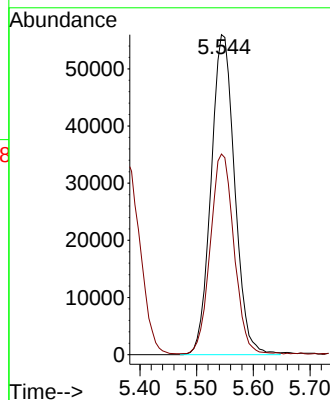
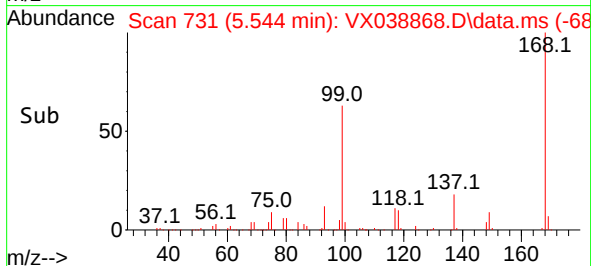
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 162009
Ion Ratio Lower Upper
168 100
99 62.4 56.6 85.0

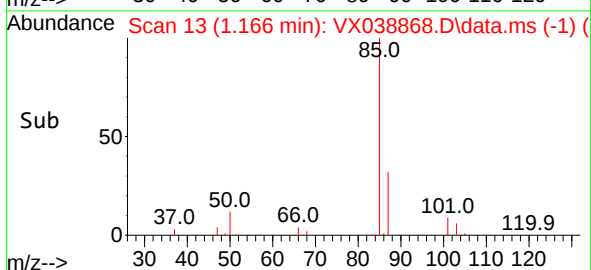
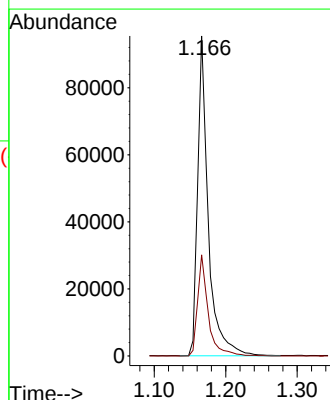
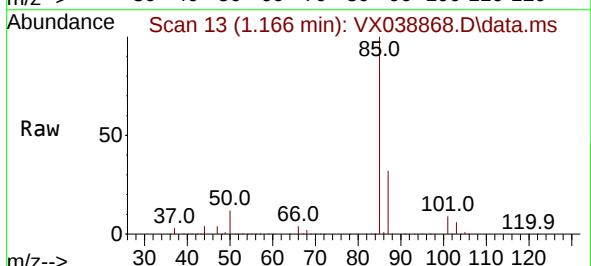
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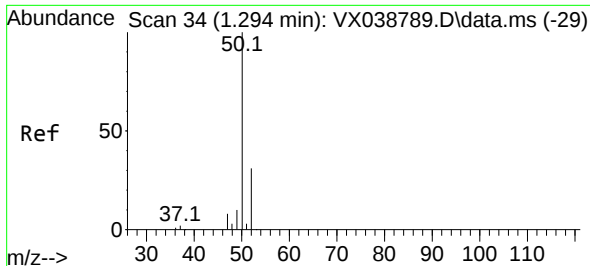
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#2
Dichlorodifluoromethane
Concen: 51.854 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038868.D
Acq: 17 Nov 2023 09:56

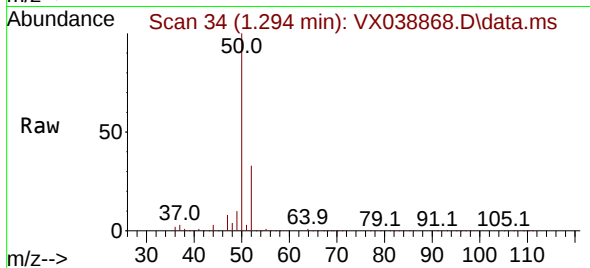
Tgt Ion: 85 Resp: 98022
Ion Ratio Lower Upper
85 100
87 31.6 16.7 50.1





#3
Chloromethane
Concen: 44.546 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX038868.D
Acq: 17 Nov 2023 09:56

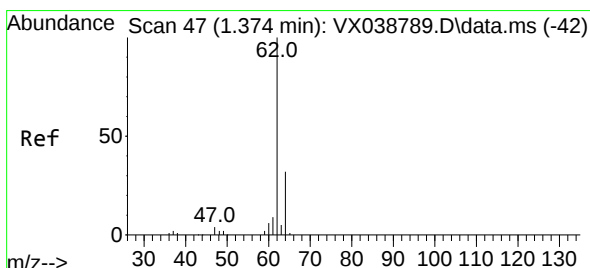
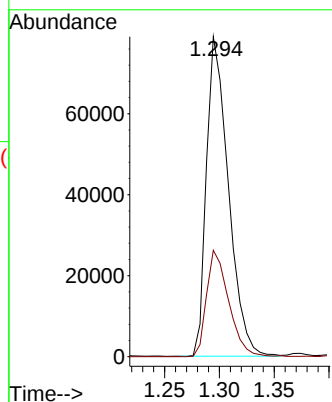
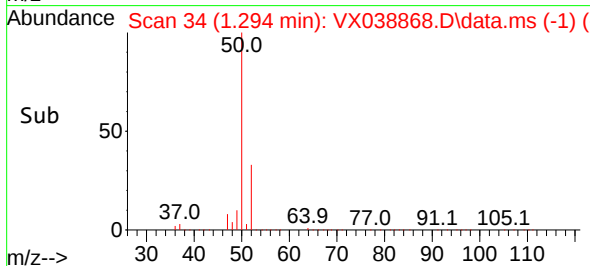
Instrument :
MSVOA_X
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VSTDCCC050



Tgt Ion: 50 Resp: 109909
Ion Ratio Lower Upper
50 100
52 33.3 25.5 38.3

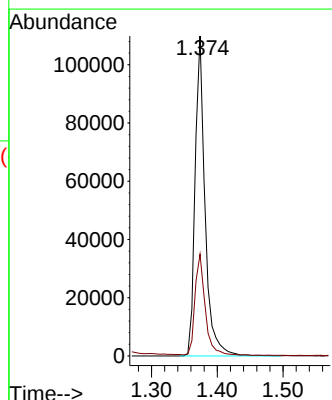
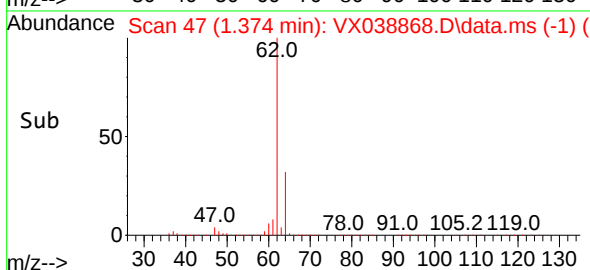
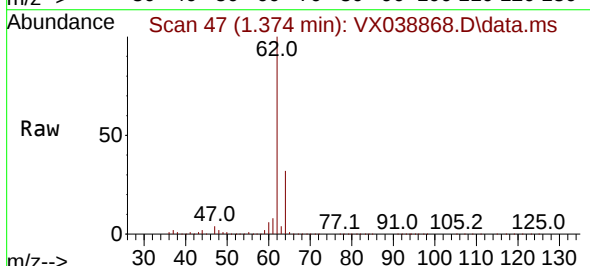
Manual Integrations
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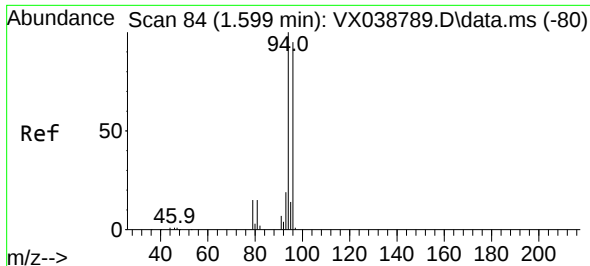
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#4
Vinyl Chloride
Concen: 48.423 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038868.D
Acq: 17 Nov 2023 09:56

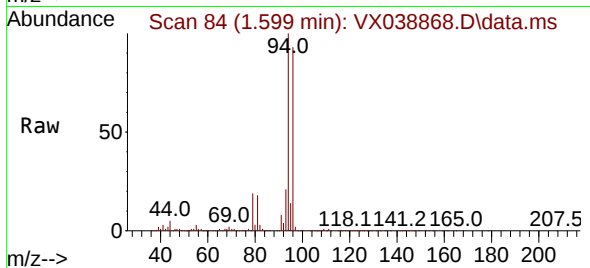
Tgt Ion: 62 Resp: 115086
Ion Ratio Lower Upper
62 100
64 31.6 25.4 38.0





#5
Bromomethane
Concen: 62.798 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX038868.D
Acq: 17 Nov 2023 09:56

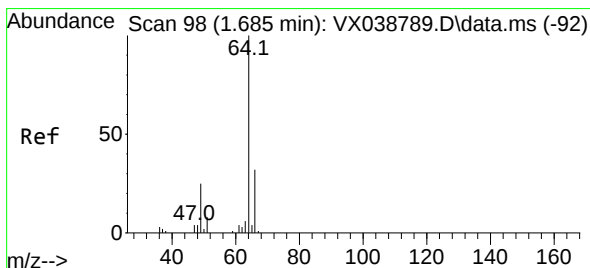
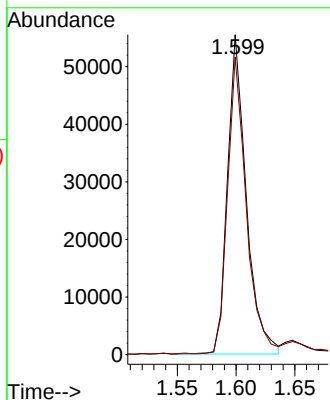
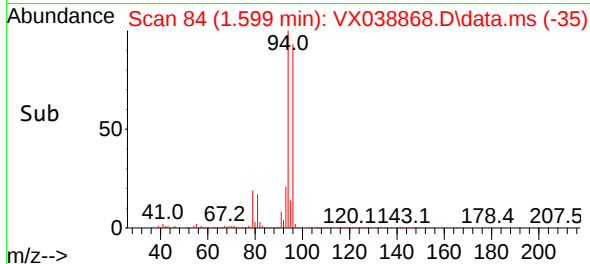
Instrument :
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Tgt Ion: 94 Resp: 61709
Ion Ratio Lower Upper
94 100
96 92.9 74.6 111.8

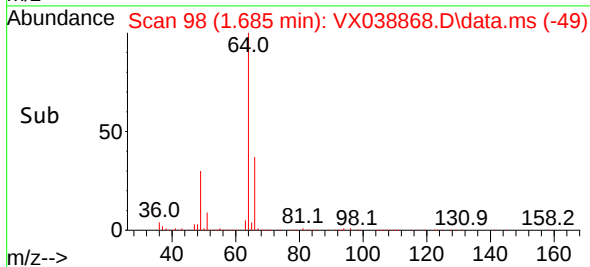
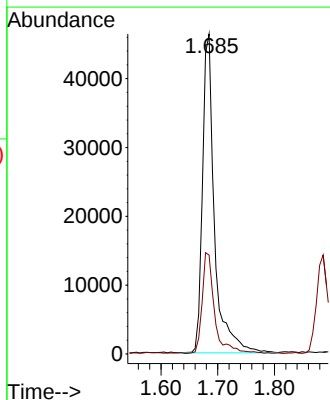
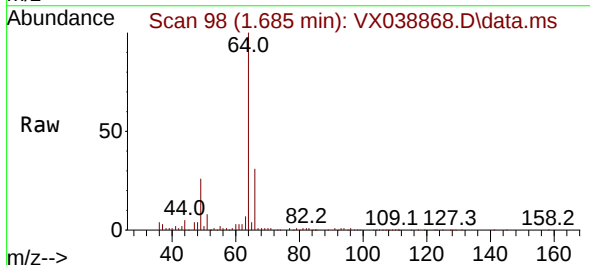
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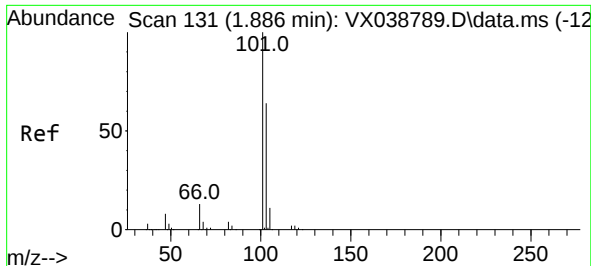
Reviewed By :John Carlone 11/18/2023
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#6
Chloroethane
Concen: 50.050 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX038868.D
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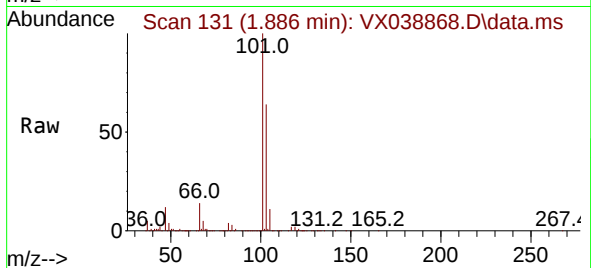
Tgt Ion: 64 Resp: 67884
Ion Ratio Lower Upper
64 100
66 30.7 25.1 37.7





#7
Trichlorofluoromethane
Concen: 50.263 ug/l
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX038868.D
Acq: 17 Nov 2023 09:56

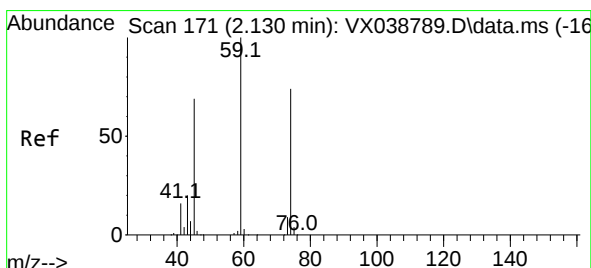
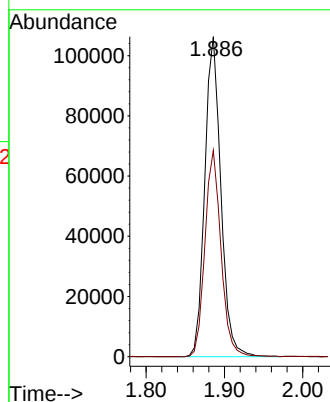
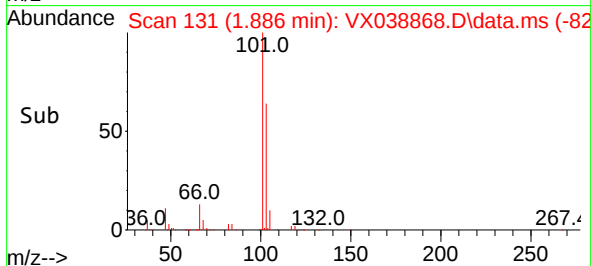
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 15158
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.2

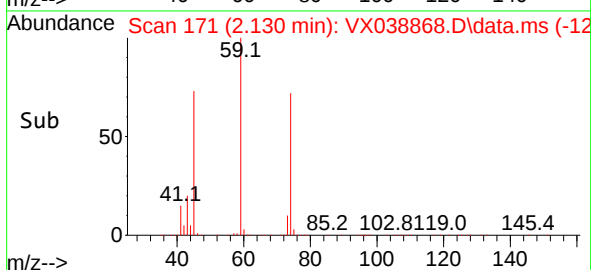
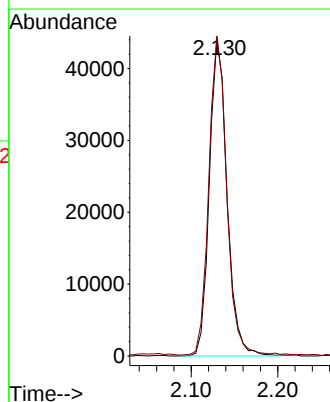
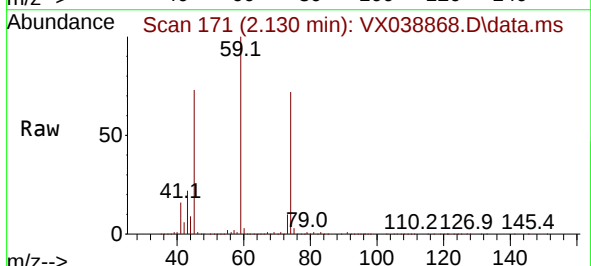
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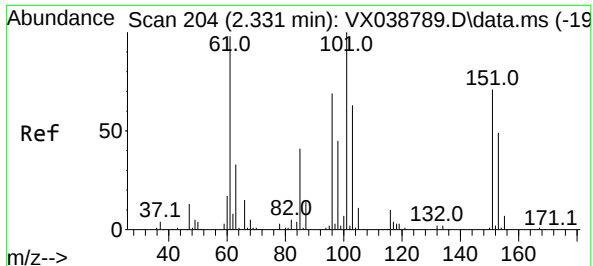
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#8
Diethyl Ether
Concen: 47.546 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX038868.D
Acq: 17 Nov 2023 09:56

Tgt Ion: 74 Resp: 62455
Ion Ratio Lower Upper
74 100
45 102.8 53.3 159.8





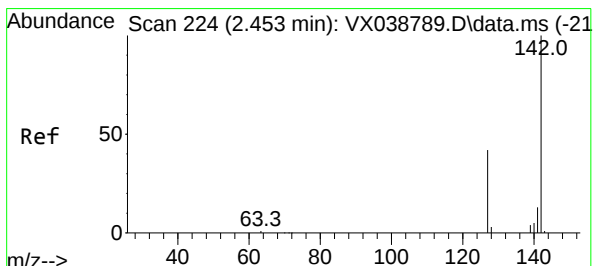
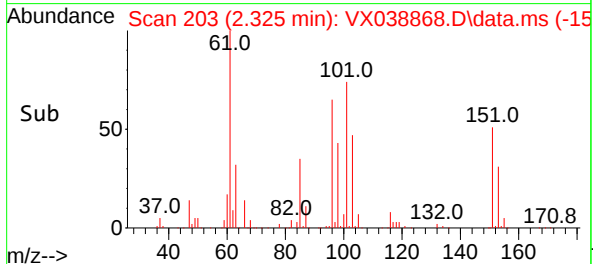
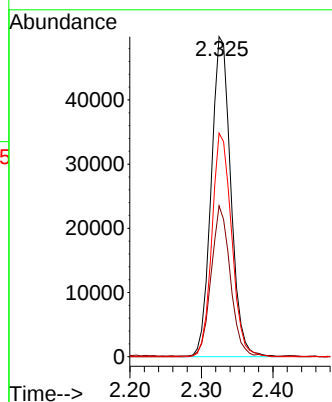
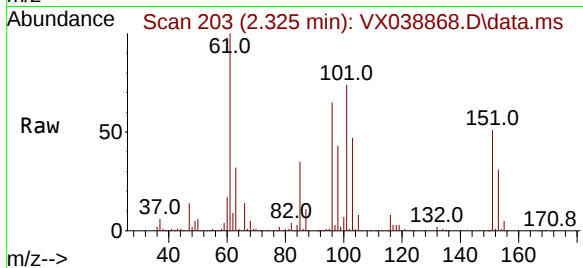
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.443 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX038868.D
Acq: 17 Nov 2023 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 9488
Ion Ratio Lower Upper
101 100
85 45.8 37.0 55.6
151 70.2 58.6 87.8

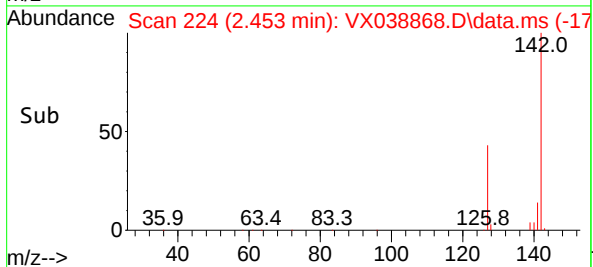
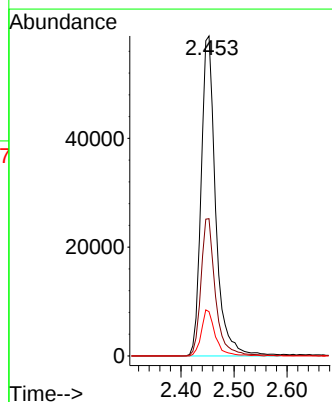
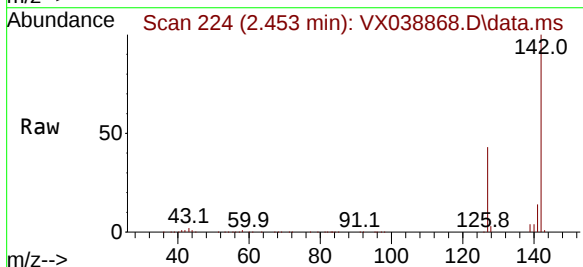
Manual Integrations
APPROVED

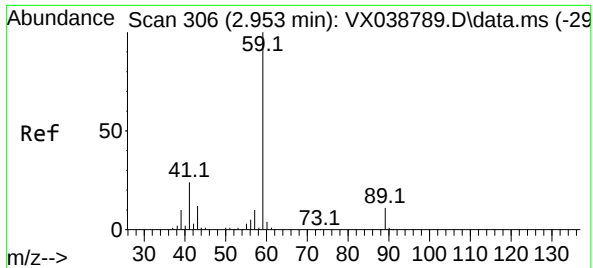
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#10
Methyl Iodide
Concen: 46.168 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX038868.D
Acq: 17 Nov 2023 09:56

Tgt Ion:142 Resp: 112389
Ion Ratio Lower Upper
142 100
127 42.7 41.6 62.4
141 13.8 11.6 17.4





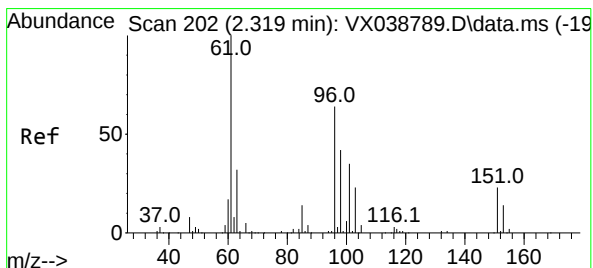
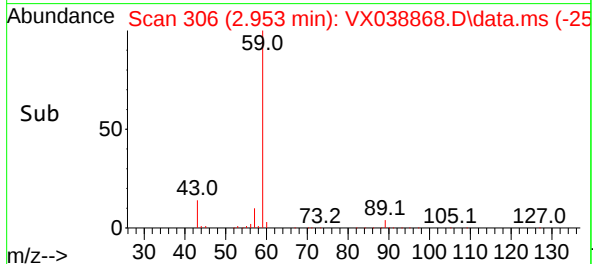
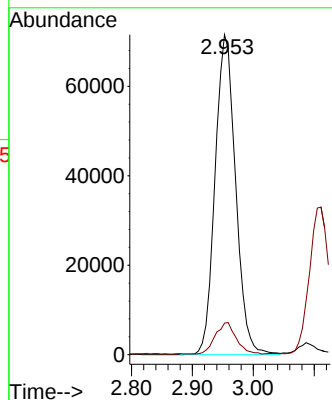
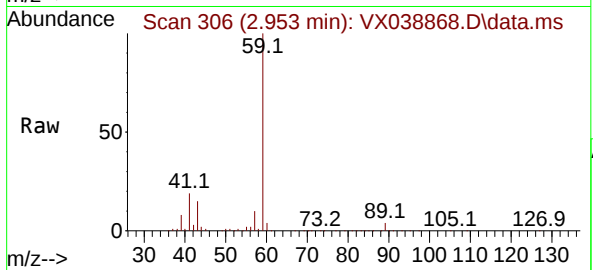
#11
Tert butyl alcohol
Concen: 230.949 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX038868.D
Acq: 17 Nov 2023 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 167685
Ion Ratio Lower Upper
59 100
57 10.0 6.0 9.0

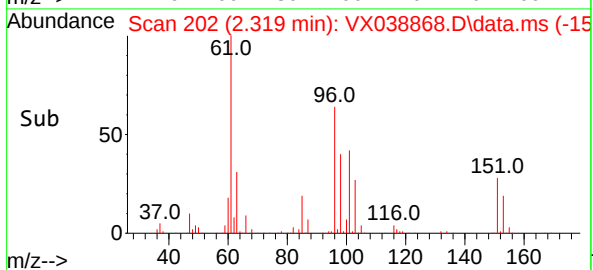
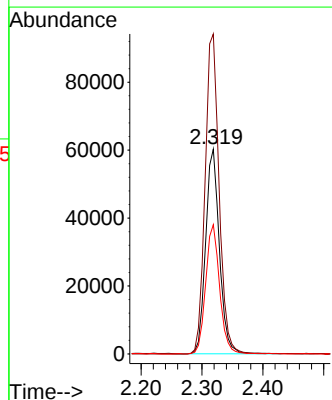
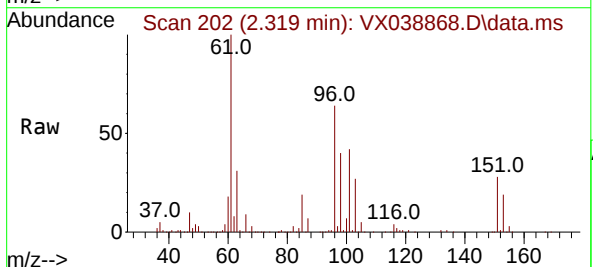
Manual Integrations
APPROVED

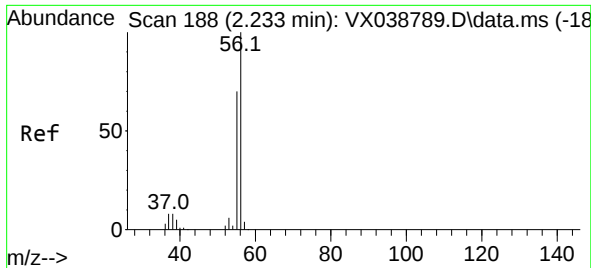
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#12
1,1-Dichloroethene
Concen: 46.846 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX038868.D
Acq: 17 Nov 2023 09:56

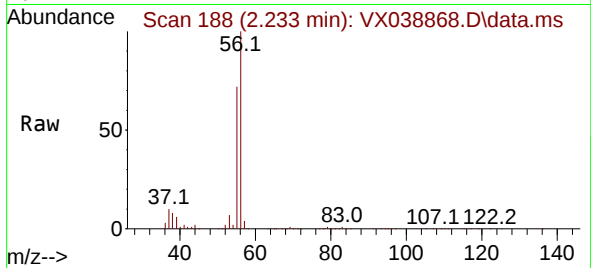
Tgt Ion: 96 Resp: 94594
Ion Ratio Lower Upper
96 100
61 156.4 144.6 216.8
98 63.1 50.4 75.6





#13
Acrolein
Concen: 270.566 ug/l
RT: 2.233 min Scan# 118
Delta R.T. 0.000 min
Lab File: VX038868.D
Acq: 17 Nov 2023 09:56

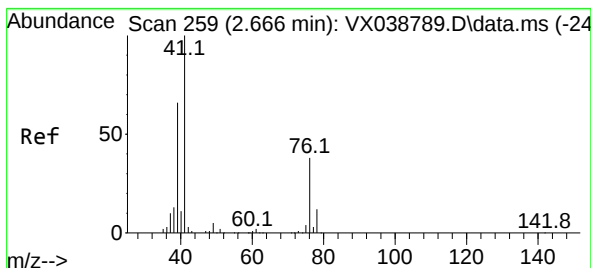
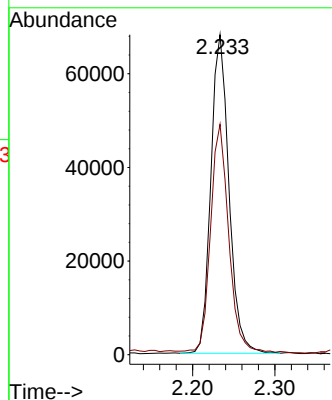
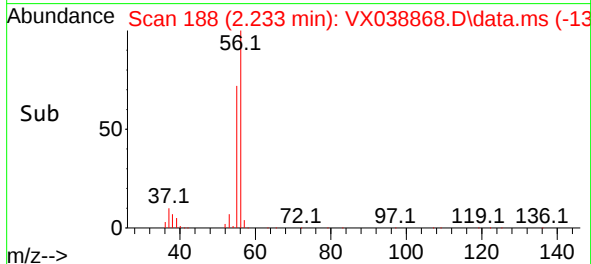
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 103934
Ion Ratio Lower Upper
56 100
55 72.9 57.1 85.7

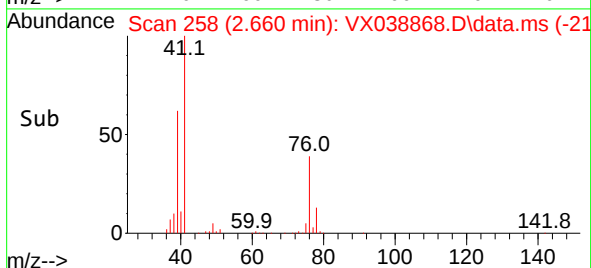
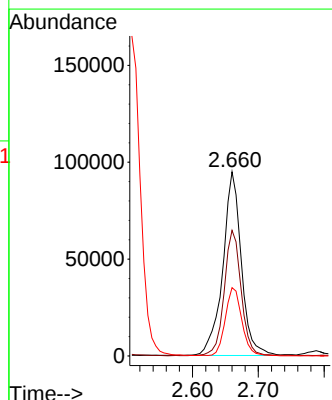
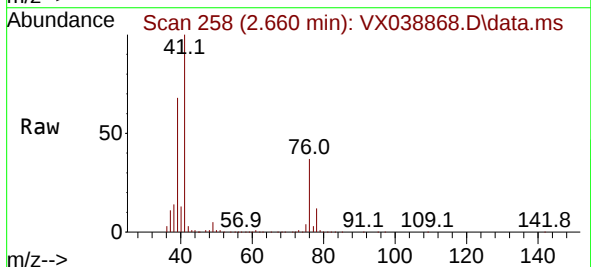
Manual Integrations
APPROVED

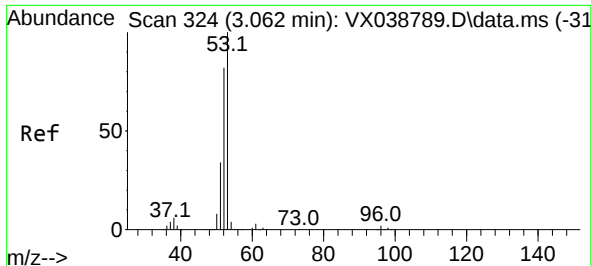
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#14
Allyl chloride
Concen: 46.048 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX038868.D
Acq: 17 Nov 2023 09:56

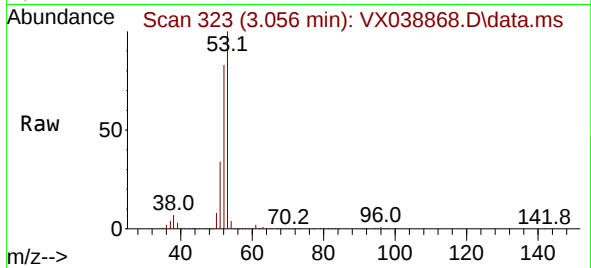
Tgt Ion: 41 Resp: 186165
Ion Ratio Lower Upper
41 100
39 62.2 55.8 83.6
76 33.1 24.3 36.5





#15
Acrylonitrile
Concen: 229.105 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX038868.D
Acq: 17 Nov 2023 09:56

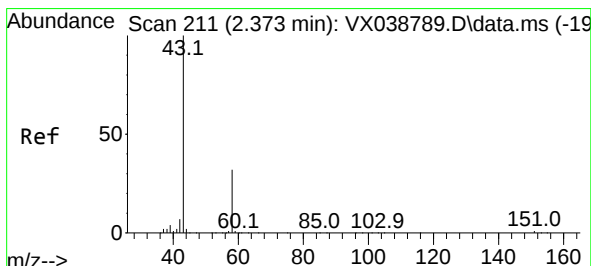
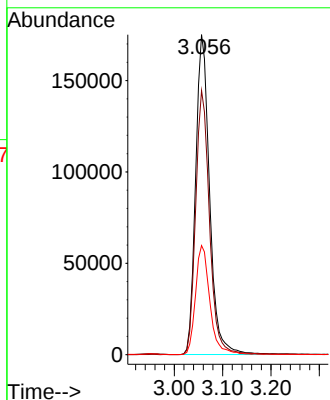
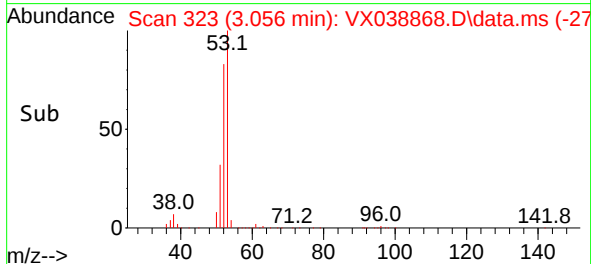
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 351488
Ion Ratio Lower Upper
53 100
52 82.1 66.0 99.0
51 35.1 29.8 44.6

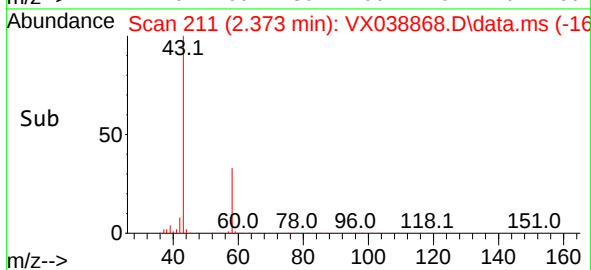
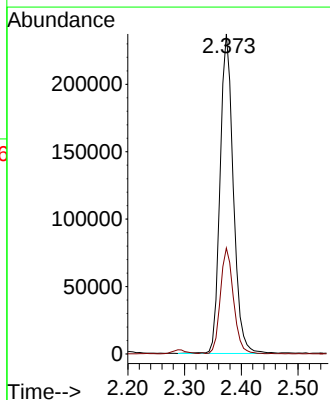
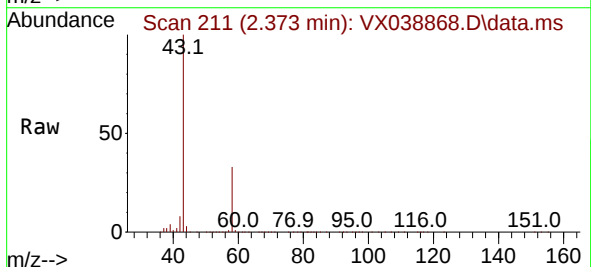
Manual Integrations
APPROVED

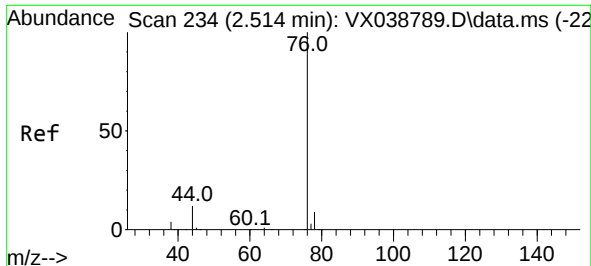
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#16
Acetone
Concen: 275.666 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX038868.D
Acq: 17 Nov 2023 09:56

Tgt Ion: 43 Resp: 383089
Ion Ratio Lower Upper
43 100
58 33.1 21.9 32.9





#17

Carbon Disulfide

Concen: 42.748 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX038868.D

Acq: 17 Nov 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 267379

Ion Ratio Lower Upper

76 100

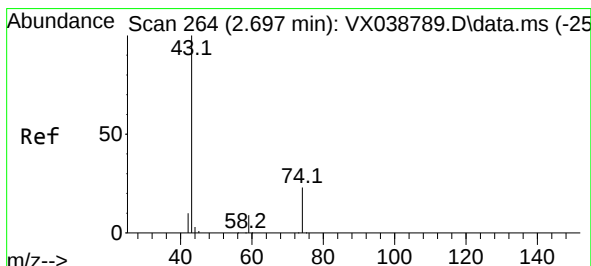
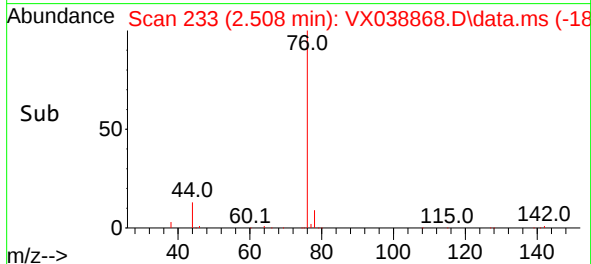
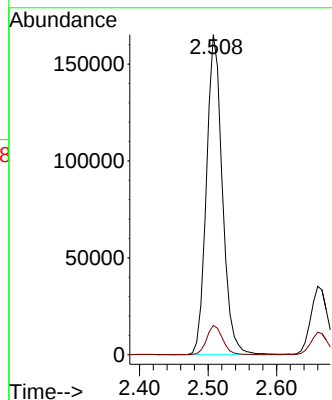
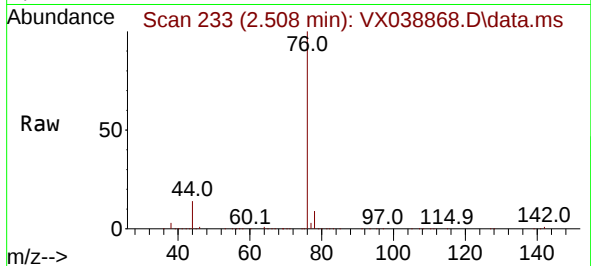
78 9.1 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#18

Methyl Acetate

Concen: 45.850 ug/l

RT: 2.697 min Scan# 264

Delta R.T. 0.000 min

Lab File: VX038868.D

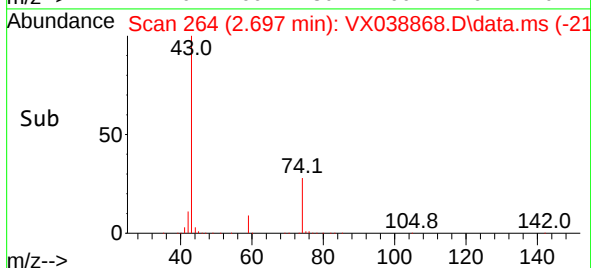
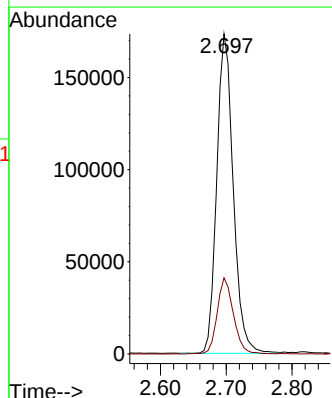
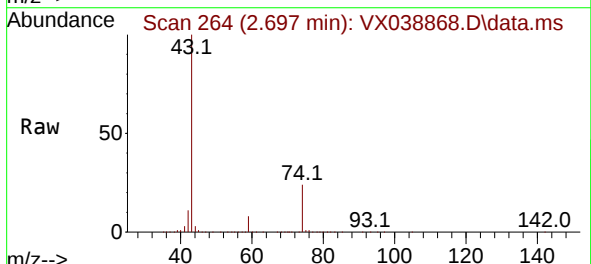
Acq: 17 Nov 2023 09:56

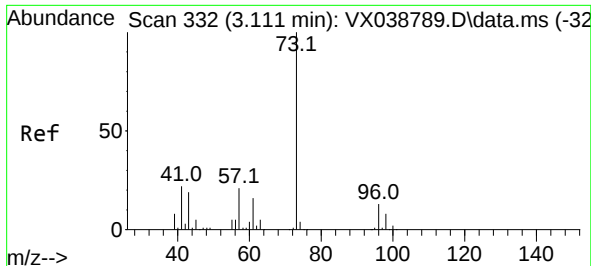
Tgt Ion: 43 Resp: 302648

Ion Ratio Lower Upper

43 100

74 23.5 17.8 26.8





#19

Methyl tert-butyl Ether

Concen: 47.479 ug/l

RT: 3.111 min Scan# 332

Delta R.T. 0.000 min

Lab File: VX038868.D

Acq: 17 Nov 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 337199

Ion Ratio Lower Upper

73 100

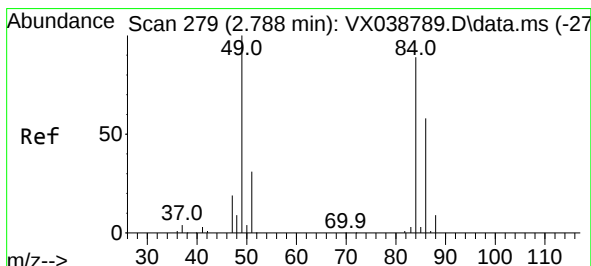
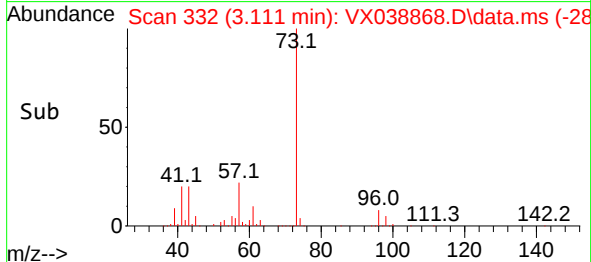
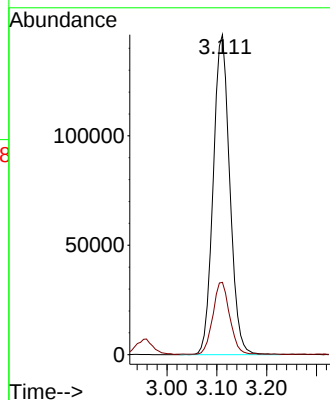
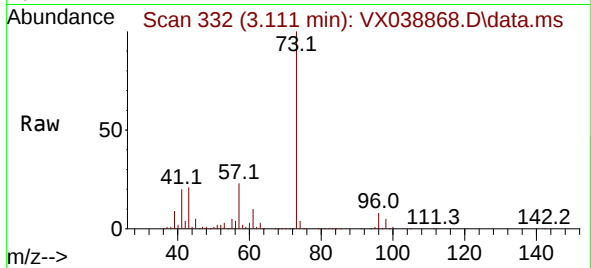
57 22.5 17.3 25.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#20

Methylene Chloride

Concen: 44.936 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX038868.D

Acq: 17 Nov 2023 09:56

Tgt Ion: 84 Resp: 112570

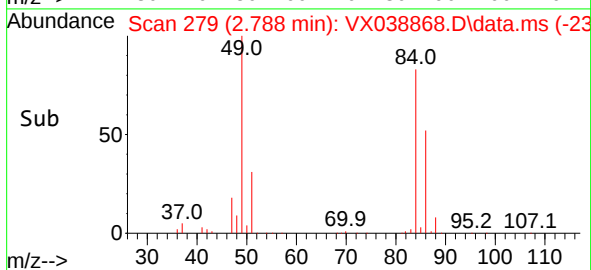
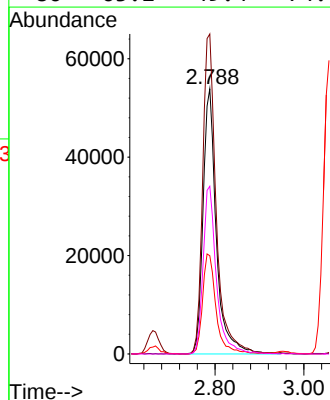
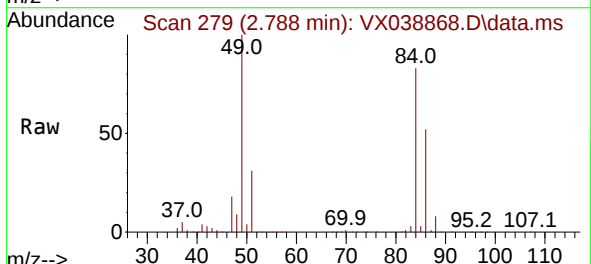
Ion Ratio Lower Upper

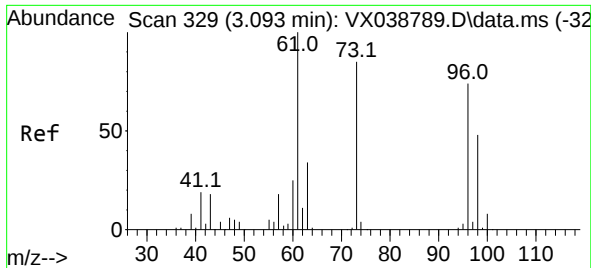
84 100

49 120.7 103.6 155.4

51 37.0 33.8 50.6

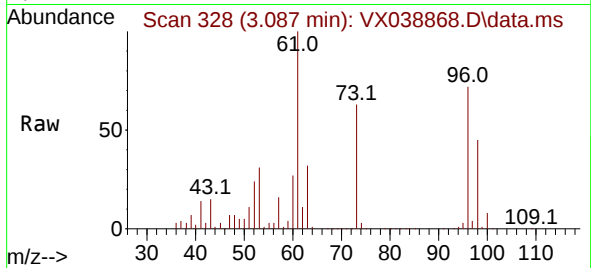
86 63.2 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 46.419 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX038868.D
Acq: 17 Nov 2023 09:56

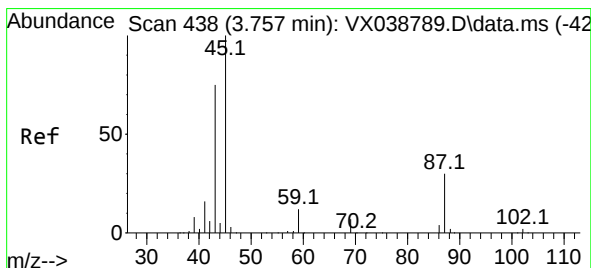
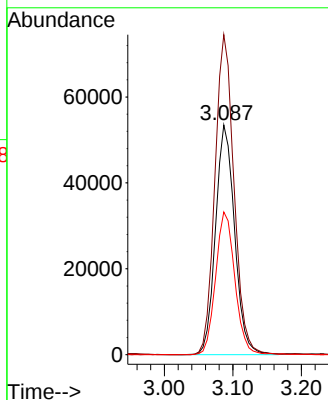
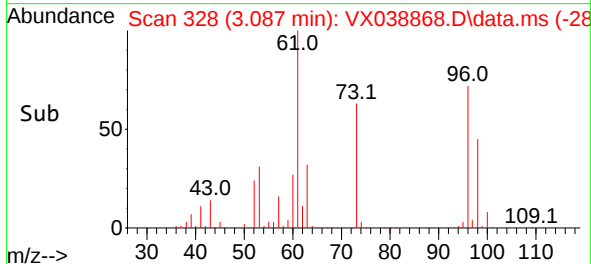
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



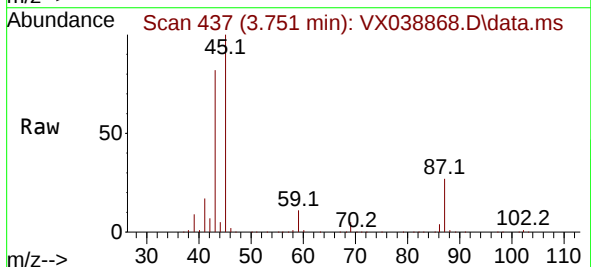
Tgt Ion: 96 Resp: 10342
Ion Ratio Lower Upper
96 100
61 139.3 119.2 178.8
98 62.1 48.7 73.1

Manual Integrations
APPROVED

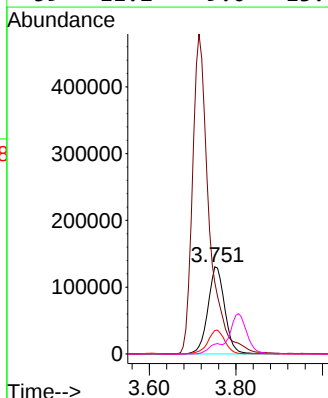
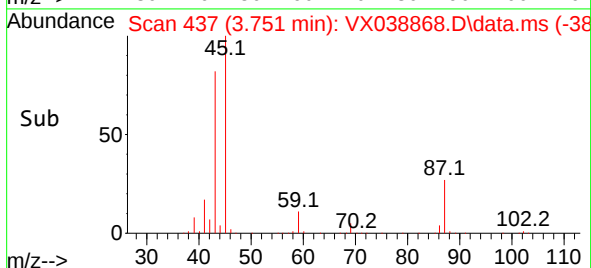
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

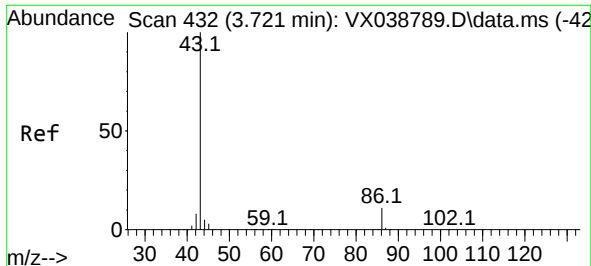


#22
Diisopropyl ether
Concen: 47.611 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX038868.D
Acq: 17 Nov 2023 09:56



Tgt Ion: 45 Resp: 353113
Ion Ratio Lower Upper
45 100
43 81.5 69.7 104.5
87 27.0 20.8 31.2
59 11.2 9.0 13.4





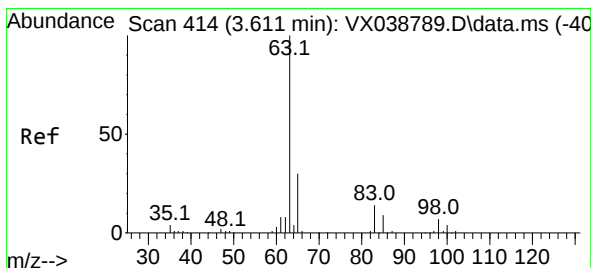
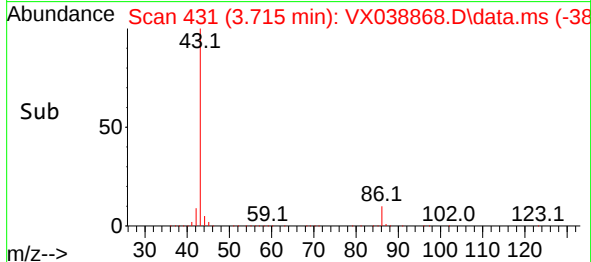
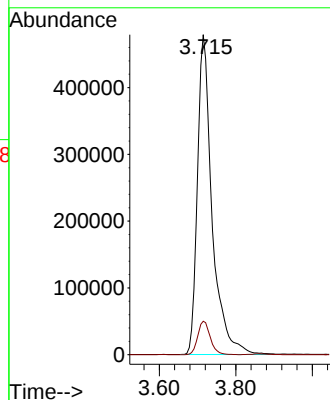
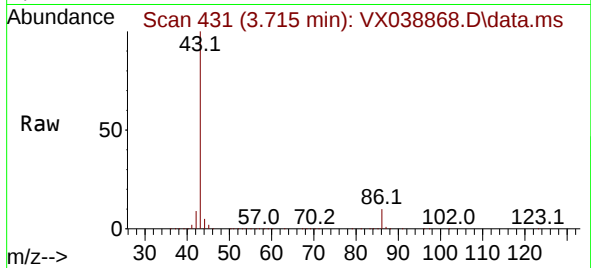
#23
 Vinyl Acetate
 Concen: 238.754 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX038868.D
 Acq: 17 Nov 2023 09:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1275298
 Ion Ratio Lower Upper
 43 100
 86 10.5 7.8 11.8

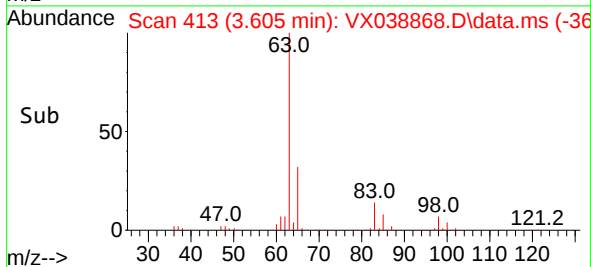
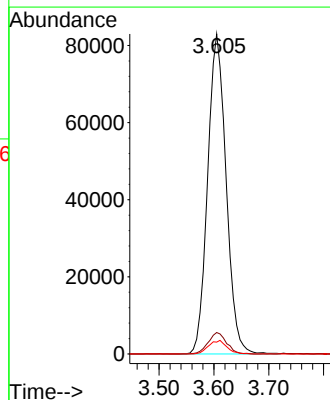
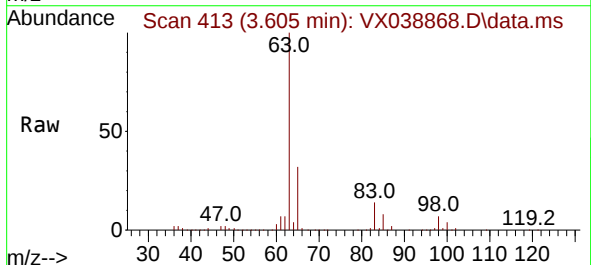
Manual Integrations
 APPROVED

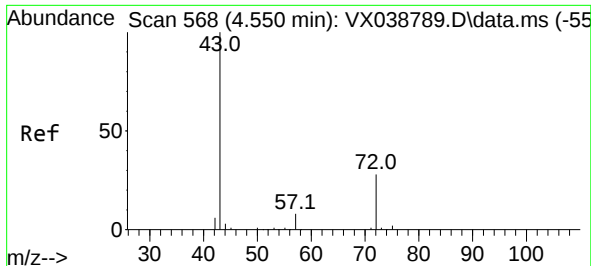
Reviewed By :John Carlone 11/18/2023
 Supervised By :Mahesh Dadoda 11/20/2023



#24
 1,1-Dichloroethane
 Concen: 46.762 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX038868.D
 Acq: 17 Nov 2023 09:56

Tgt Ion: 63 Resp: 193944
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.8
 100 3.7 2.1 6.5





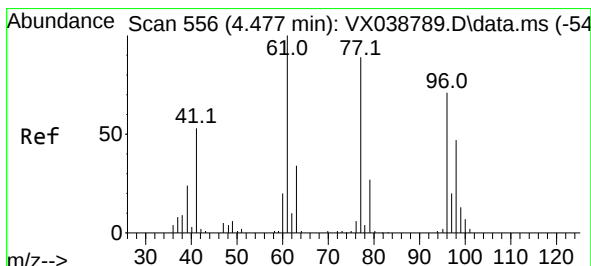
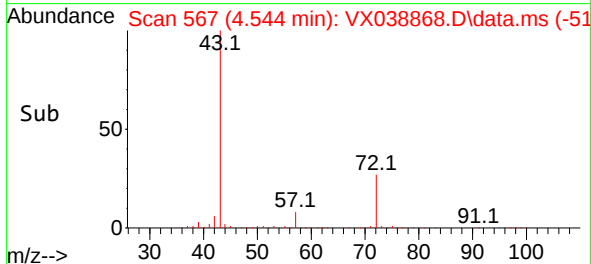
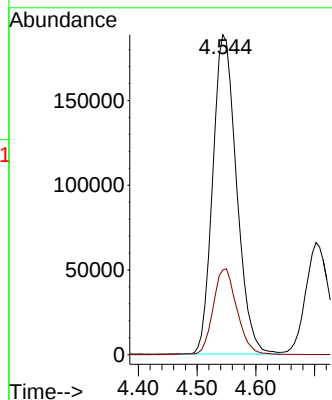
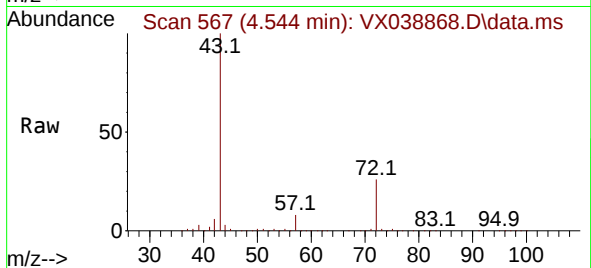
#25
2-Butanone
Concen: 235.438 ug/l
RT: 4.544 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX038868.D
Acq: 17 Nov 2023 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 530579
Ion Ratio Lower Upper
43 100
72 26.4 19.4 29.2

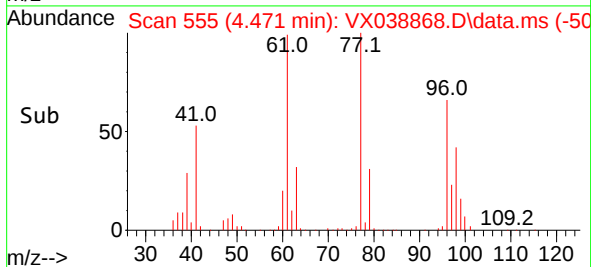
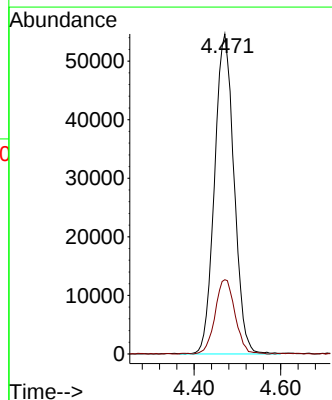
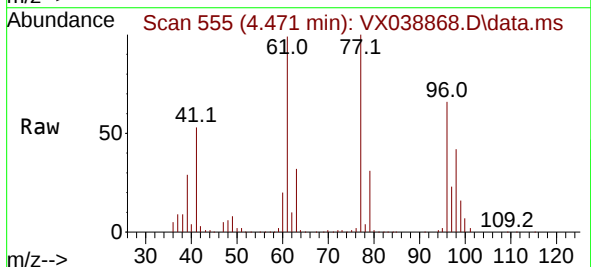
Manual Integrations
APPROVED

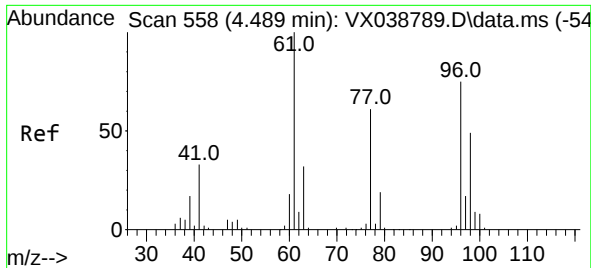
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#26
2,2-Dichloropropane
Concen: 47.432 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX038868.D
Acq: 17 Nov 2023 09:56

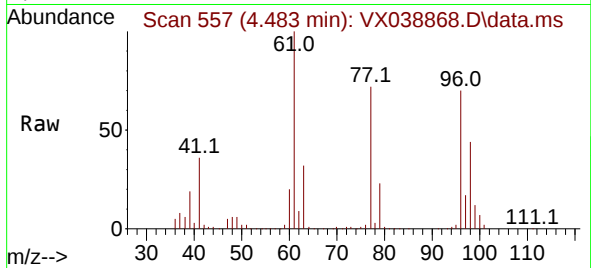
Tgt Ion: 77 Resp: 170642
Ion Ratio Lower Upper
77 100
97 23.8 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 46.491 ug/l
 RT: 4.483 min Scan# 511
 Delta R.T. -0.006 min
 Lab File: VX038868.D
 Acq: 17 Nov 2023 09:56

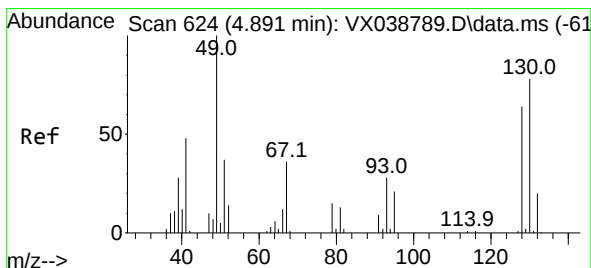
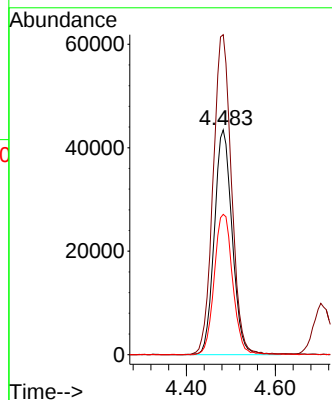
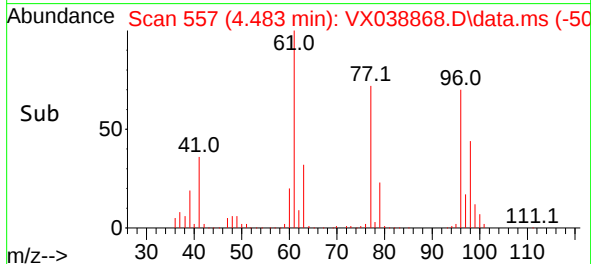
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 120739
 Ion Ratio Lower Upper
 96 100
 61 147.1 0.0 312.2
 98 64.6 0.0 129.0

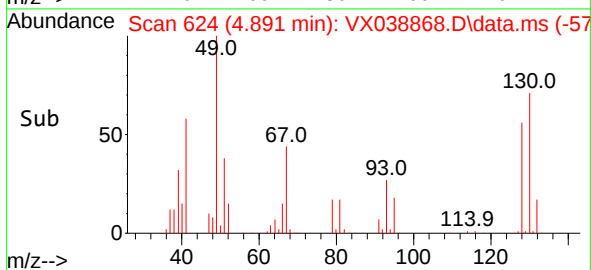
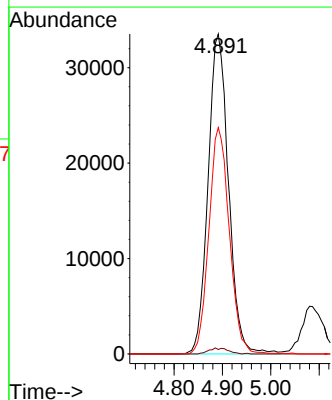
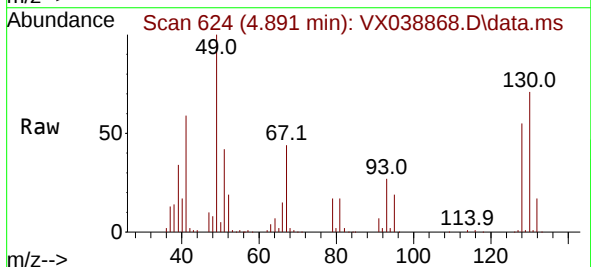
Manual Integrations
 APPROVED

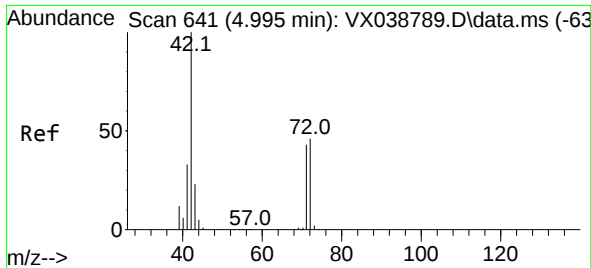
Reviewed By :John Carlone 11/18/2023
 Supervised By :Mahesh Dadoda 11/20/2023



#28
 Bromochloromethane
 Concen: 49.432 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. 0.000 min
 Lab File: VX038868.D
 Acq: 17 Nov 2023 09:56

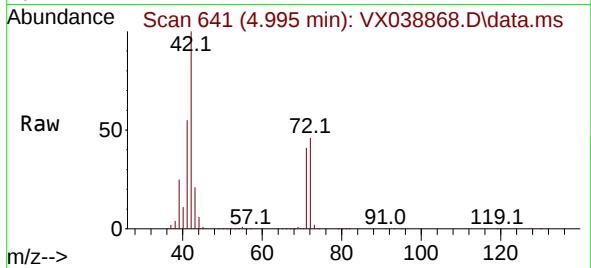
Tgt Ion: 49 Resp: 98432
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.8
 130 70.7 57.5 86.3





#29
Tetrahydrofuran
Concen: 233.213 ug/l
RT: 4.995 min Scan# 641
Delta R.T. 0.000 min
Lab File: VX038868.D
Acq: 17 Nov 2023 09:56

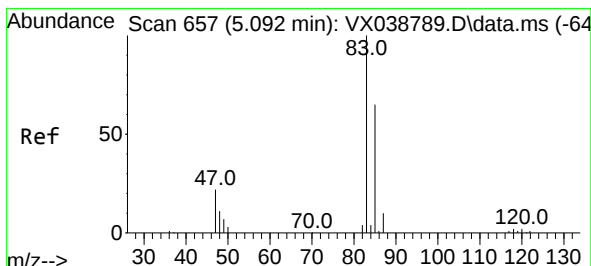
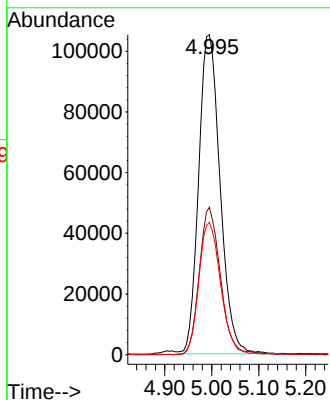
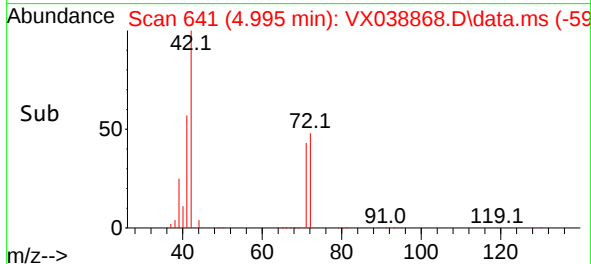
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 33370
Ion Ratio Lower Upper
42 100
72 45.6 34.2 51.4
71 41.8 32.2 48.2

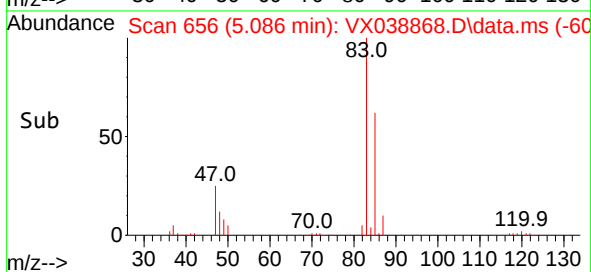
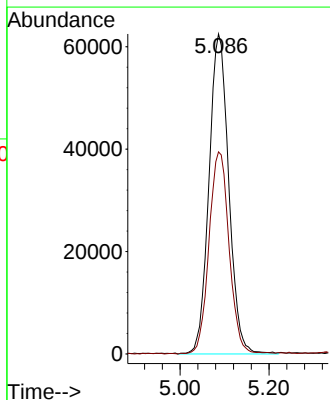
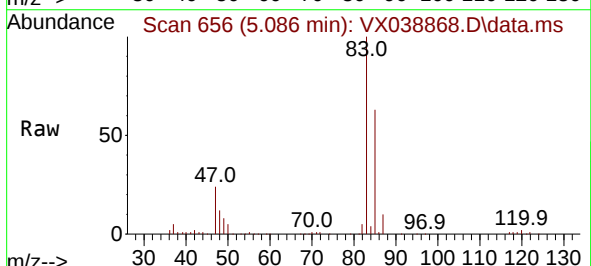
Manual Integrations
APPROVED

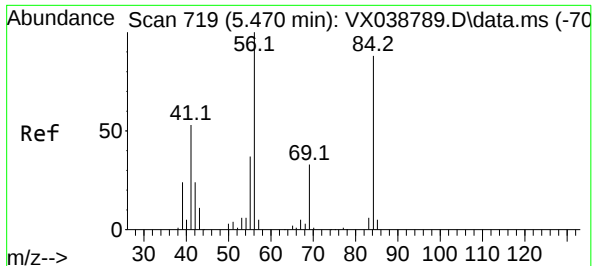
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#30
Chloroform
Concen: 47.620 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.006 min
Lab File: VX038868.D
Acq: 17 Nov 2023 09:56

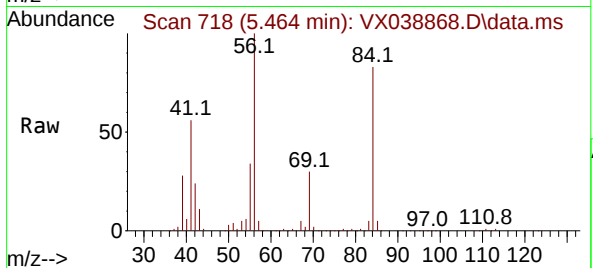
Tgt Ion: 83 Resp: 192856
Ion Ratio Lower Upper
83 100
85 63.2 50.3 75.5





#31
Cyclohexane
Concen: 46.373 ug/l
RT: 5.464 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX038868.D
Acq: 17 Nov 2023 09:56

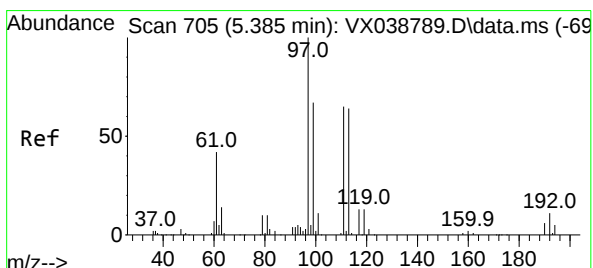
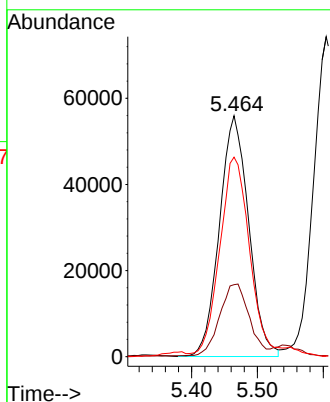
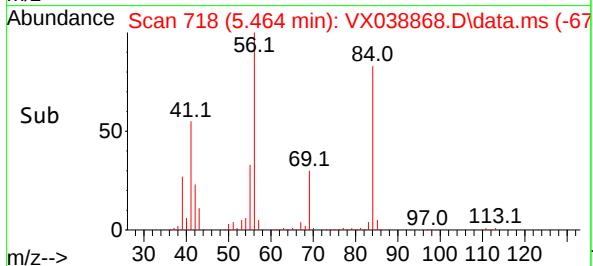
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 17284
Ion Ratio Lower Upper
56 100
69 29.6 23.4 35.2
84 81.0 65.9 98.9

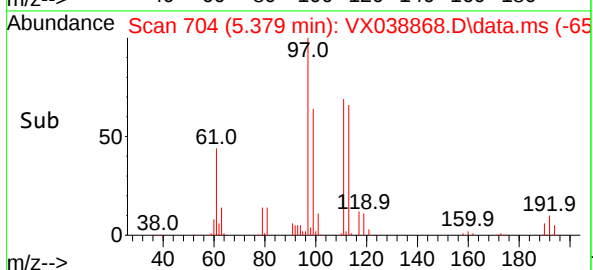
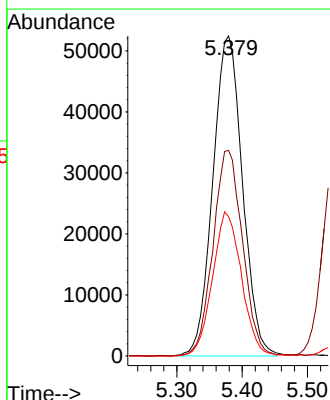
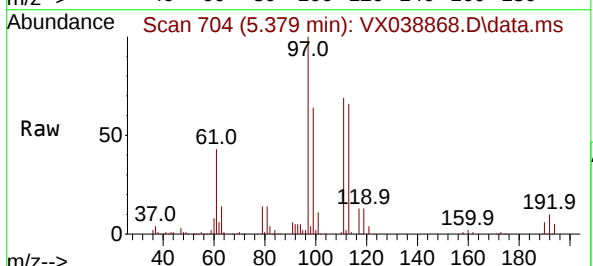
Manual Integrations
APPROVED

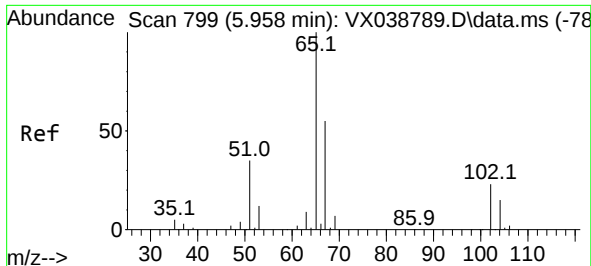
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#32
1,1,1-Trichloroethane
Concen: 47.144 ug/l m
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX038868.D
Acq: 17 Nov 2023 09:56

Tgt Ion: 97 Resp: 165375
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7#
61 0.0 36.4 54.6#





#33

1,2-Dichloroethane-d4

Concen: 47.396 ug/l

RT: 5.946 min Scan# 79

Delta R.T. -0.012 min

Lab File: VX038868.D

Acq: 17 Nov 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 123729

Ion Ratio Lower Upper

65 100

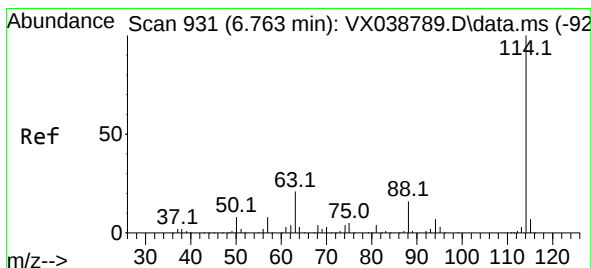
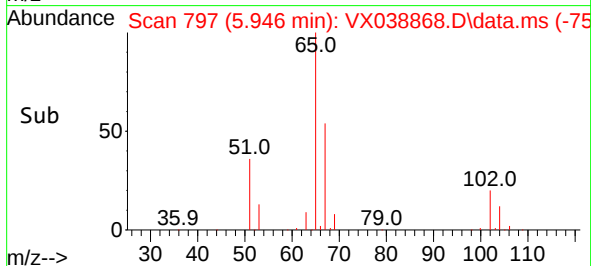
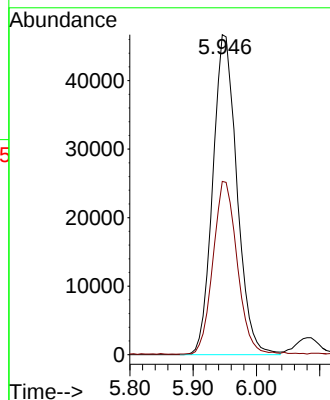
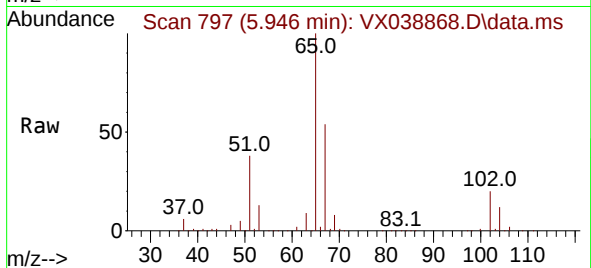
67 54.1 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX038868.D

Acq: 17 Nov 2023 09:56

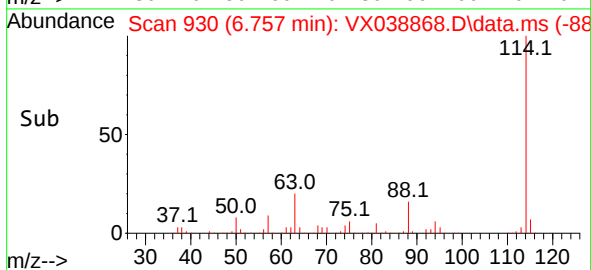
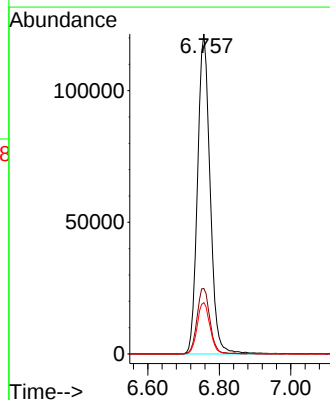
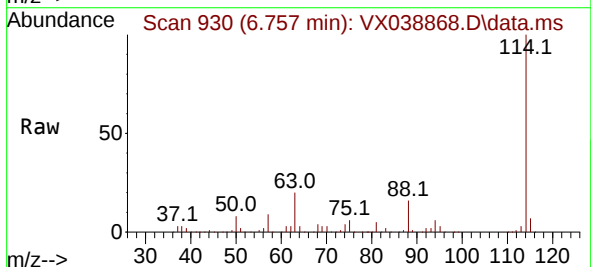
Tgt Ion:114 Resp: 295859

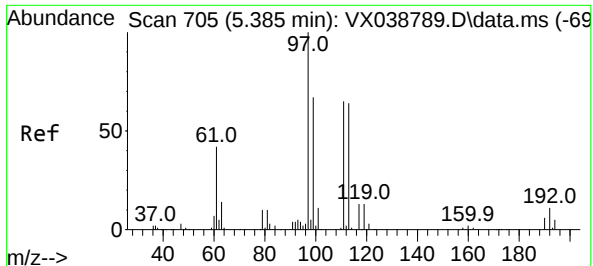
Ion Ratio Lower Upper

114 100

63 20.5 0.0 45.0

88 16.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.571 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX038868.D

Acq: 17 Nov 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

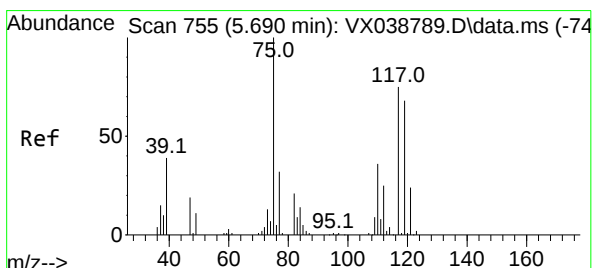
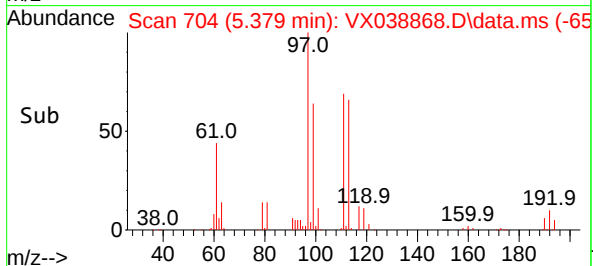
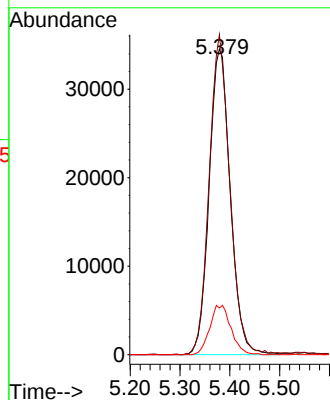
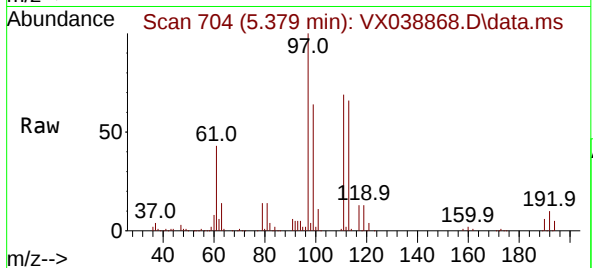
Tgt Ion:	113	Resp:	10164
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.9	124.3
192	16.2	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#36

1,1-Dichloropropene

Concen: 46.789 ug/l

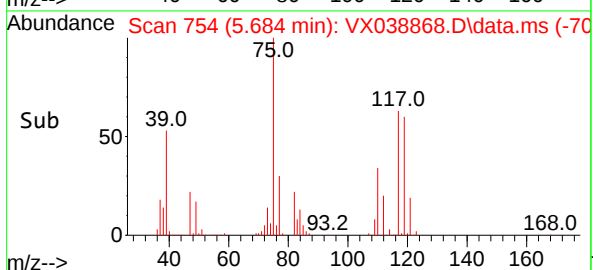
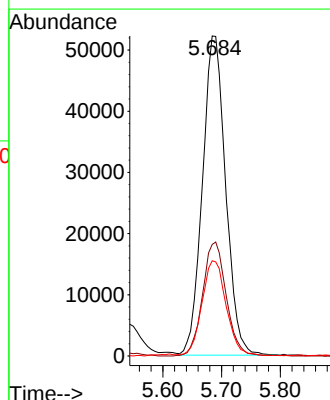
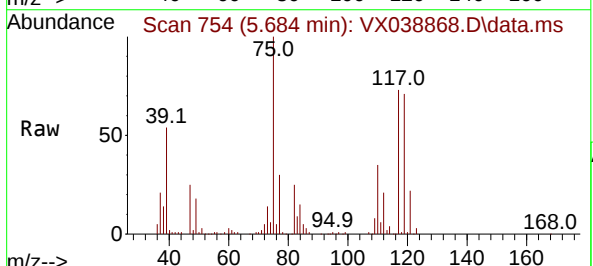
RT: 5.684 min Scan# 754

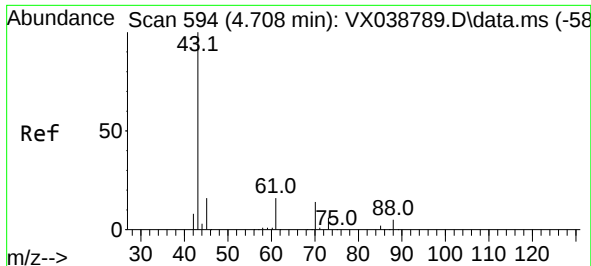
Delta R.T. -0.006 min

Lab File: VX038868.D

Acq: 17 Nov 2023 09:56

Tgt Ion:	75	Resp:	143291
Ion	Ratio	Lower	Upper
75	100		
110	36.3	17.0	50.9
77	31.0	24.7	37.1





#37

Ethyl Acetate

Concen: 46.885 ug/l

RT: 4.702 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX038868.D

Acq: 17 Nov 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 187070

Ion Ratio Lower Upper

43 100

61 15.0 10.6 16.0

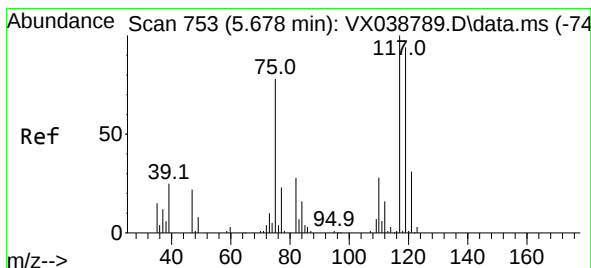
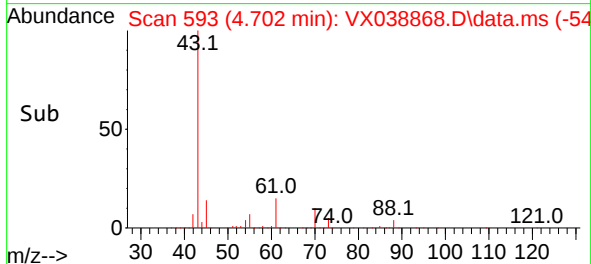
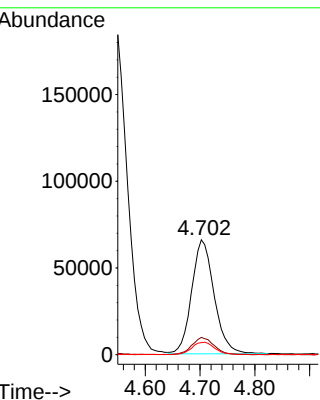
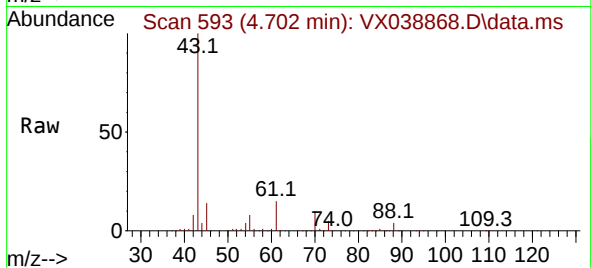
70 11.3 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#38

Carbon Tetrachloride

Concen: 49.675 ug/l

RT: 5.672 min Scan# 752

Delta R.T. -0.006 min

Lab File: VX038868.D

Acq: 17 Nov 2023 09:56

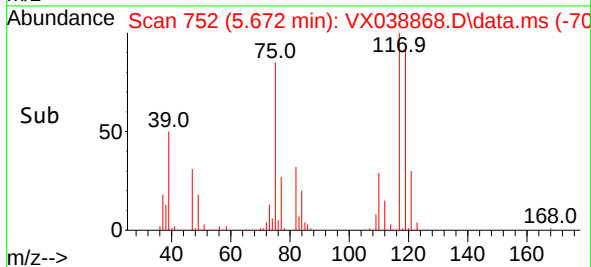
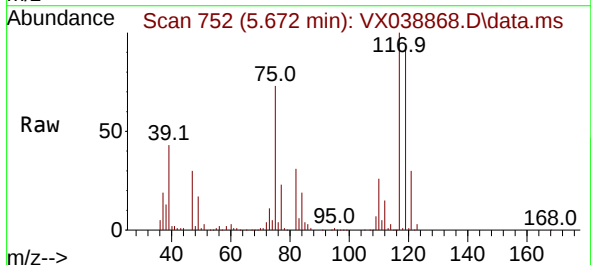
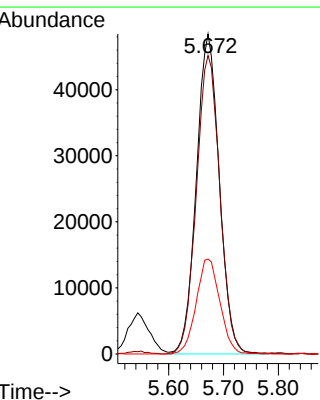
Tgt Ion:117 Resp: 140600

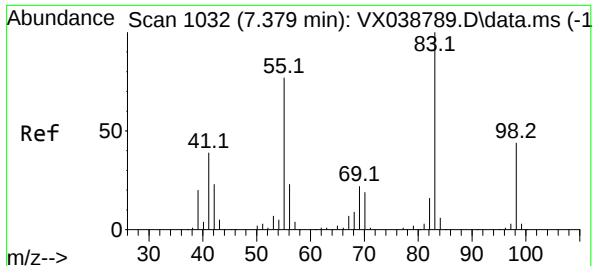
Ion Ratio Lower Upper

117 100

119 93.1 78.2 117.2

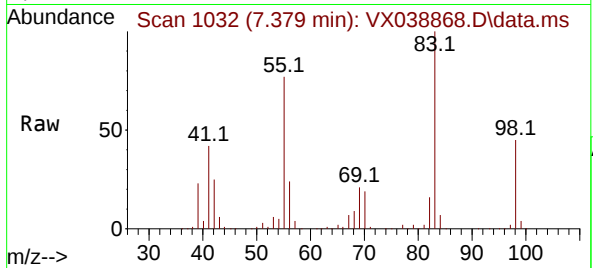
121 29.7 24.4 36.6





#39
Methylcyclohexane
Concen: 46.779 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX038868.D
Acq: 17 Nov 2023 09:56

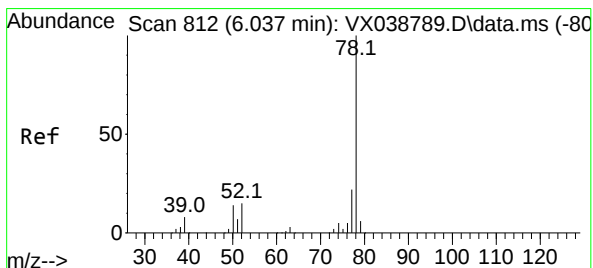
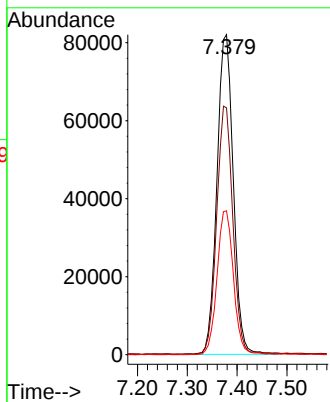
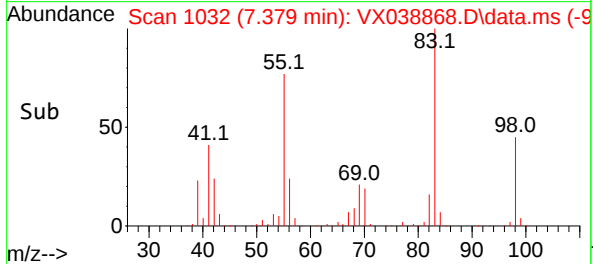
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 18686
Ion Ratio Lower Upper
83 100
55 77.0 64.6 97.0
98 45.0 36.7 55.1

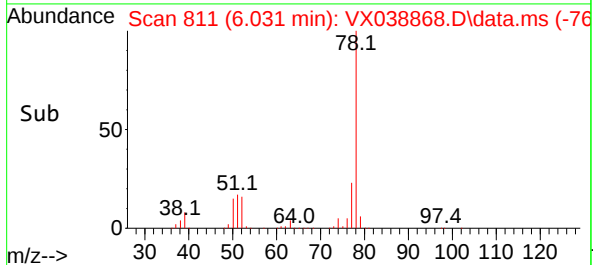
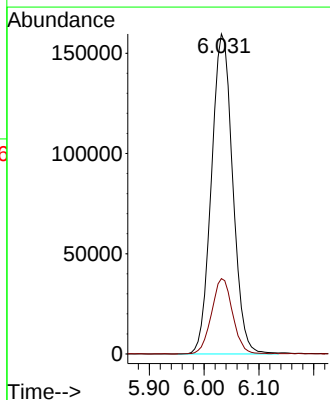
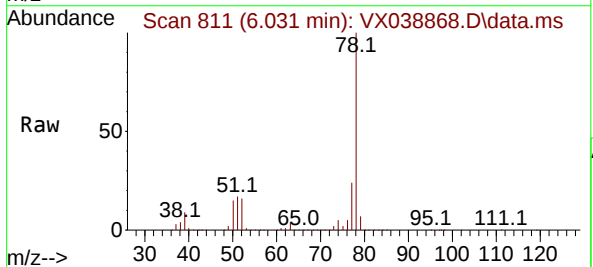
Manual Integrations
APPROVED

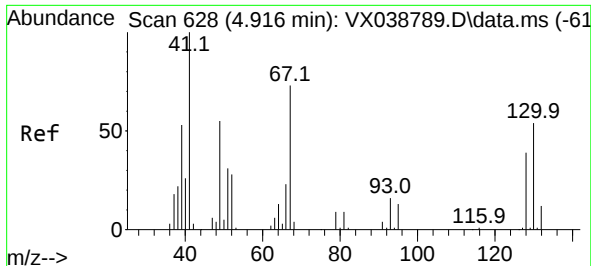
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#40
Benzene
Concen: 47.532 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX038868.D
Acq: 17 Nov 2023 09:56

Tgt Ion: 78 Resp: 430539
Ion Ratio Lower Upper
78 100
77 23.5 19.3 28.9





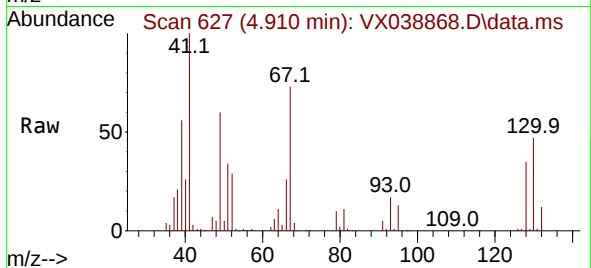
#41
Methacrylonitrile
Concen: 46.366 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX038868.D
Acq: 17 Nov 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



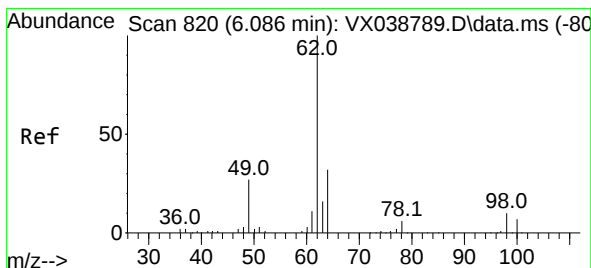
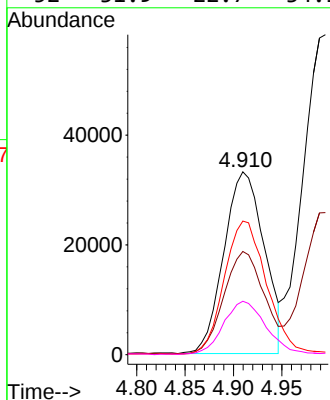
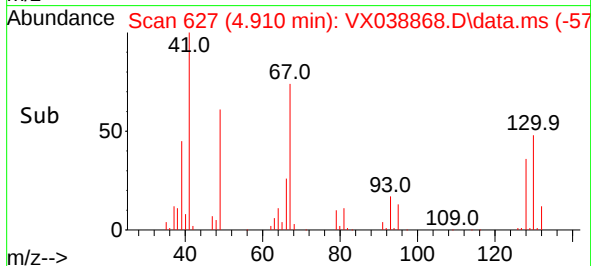
Tgt Ion: 41 Resp: 95949
Ion Ratio Lower Upper
41 100
39 55.8 45.2 67.8
67 77.4 52.6 78.8
52 31.9 22.7 34.1

Manual Integrations

APPROVED

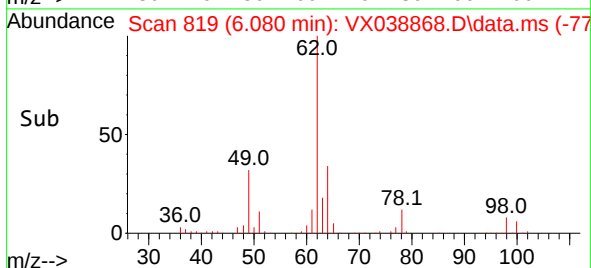
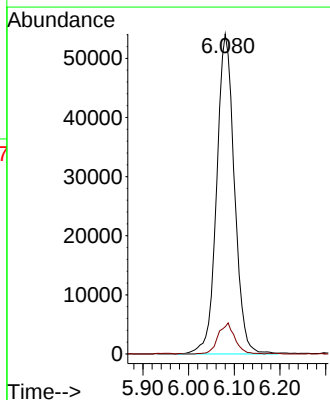
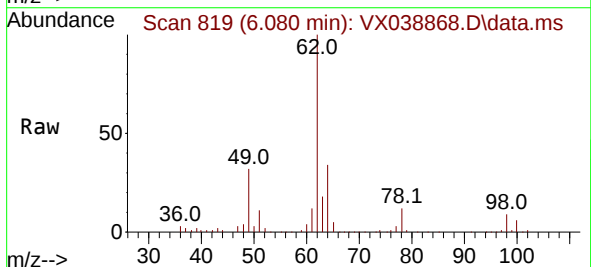
Reviewed By :John Carlone 11/18/2023

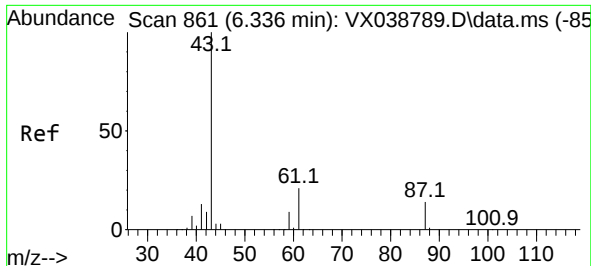
Supervised By :Mahesh Dadoda 11/20/2023



#42
1,2-Dichloroethane
Concen: 48.655 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX038868.D
Acq: 17 Nov 2023 09:56

Tgt Ion: 62 Resp: 146014
Ion Ratio Lower Upper
62 100
98 9.1 0.0 16.0





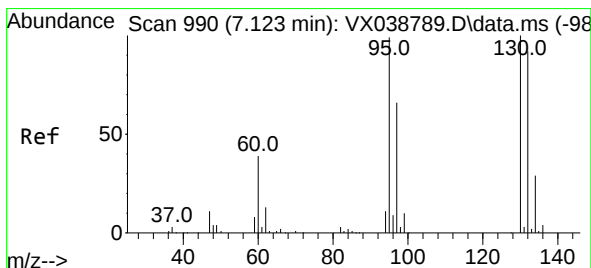
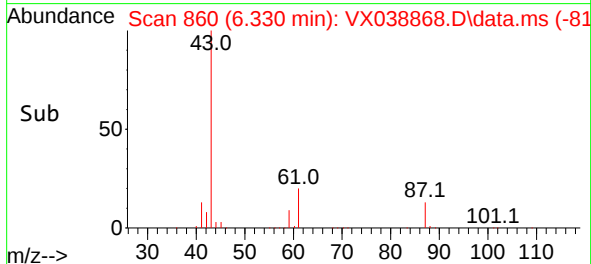
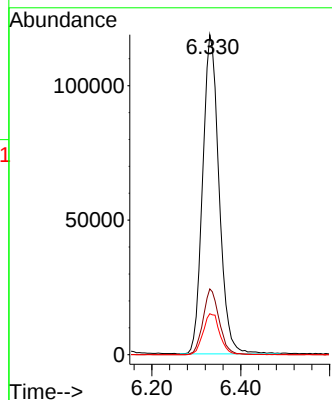
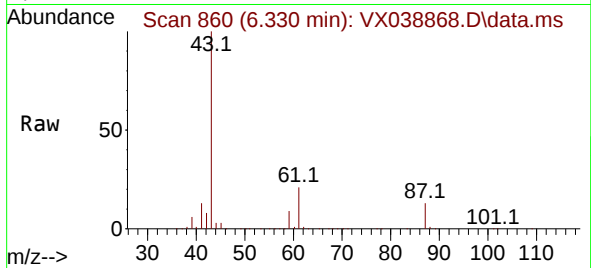
#43
Isopropyl Acetate
Concen: 47.814 ug/l
RT: 6.330 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX038868.D
Acq: 17 Nov 2023 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 30488
Ion Ratio Lower Upper
43 100
61 20.3 15.2 22.8
87 13.2 9.8 14.6

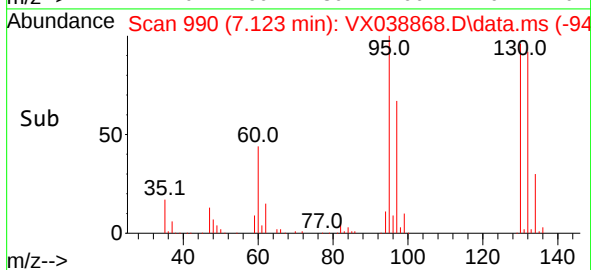
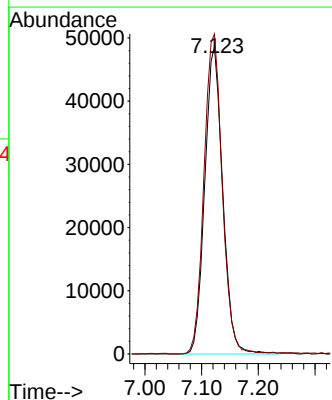
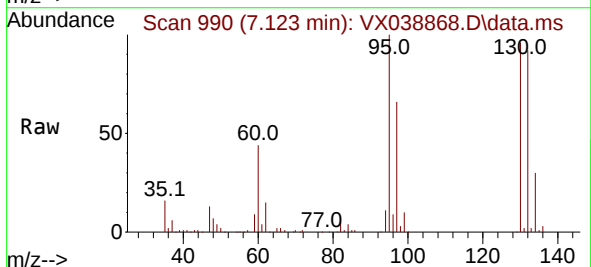
Manual Integrations
APPROVED

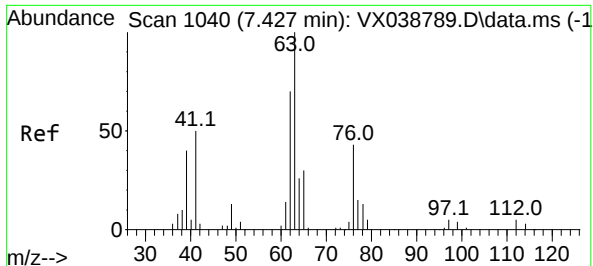
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#44
Trichloroethene
Concen: 48.526 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX038868.D
Acq: 17 Nov 2023 09:56

Tgt Ion:130 Resp: 106988
Ion Ratio Lower Upper
130 100
95 104.2 0.0 204.4





#45

1,2-Dichloropropane

Concen: 48.400 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX038868.D

Acq: 17 Nov 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 11797

Ion Ratio Lower Upper

63 100

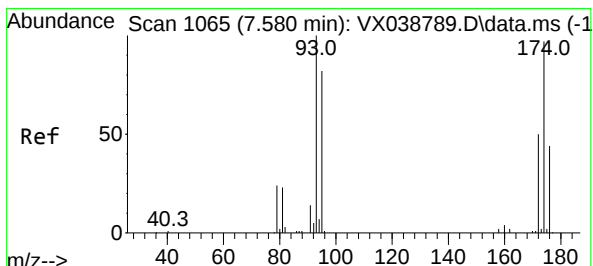
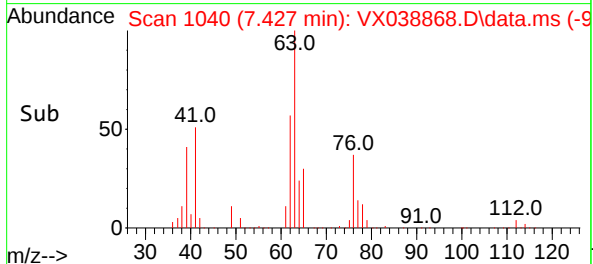
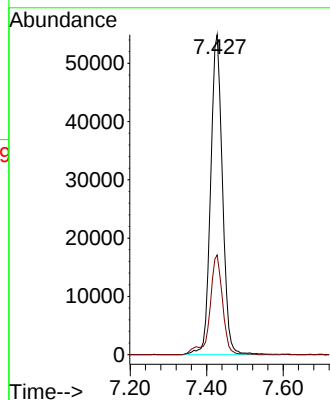
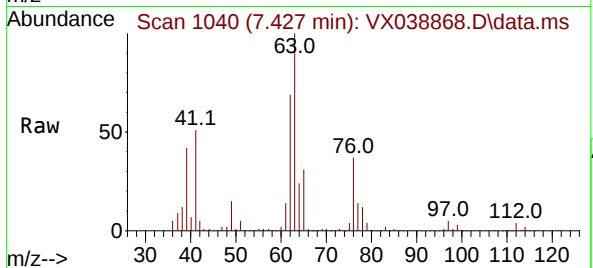
65 31.1 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#46

Dibromomethane

Concen: 48.808 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX038868.D

Acq: 17 Nov 2023 09:56

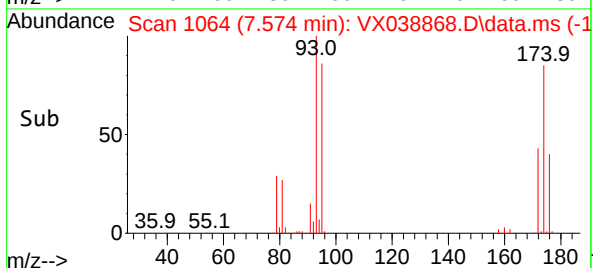
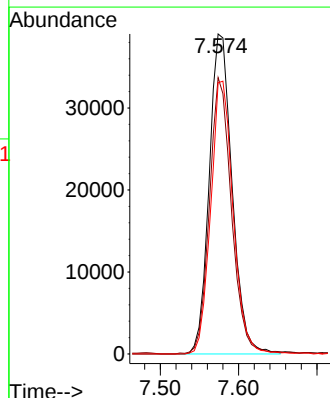
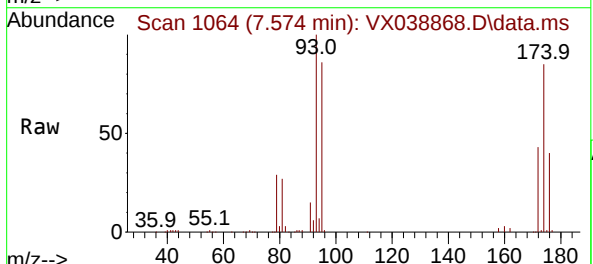
Tgt Ion: 93 Resp: 79339

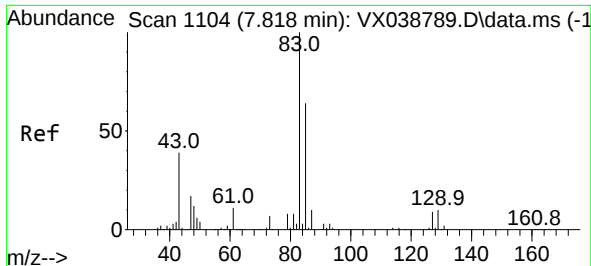
Ion Ratio Lower Upper

93 100

95 83.6 66.6 100.0

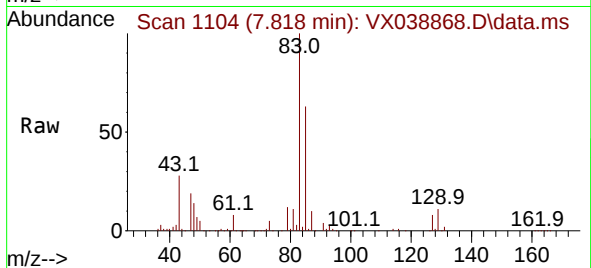
174 83.5 69.4 104.0





#47
Bromodichloromethane
Concen: 47.635 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX038868.D
Acq: 17 Nov 2023 09:56

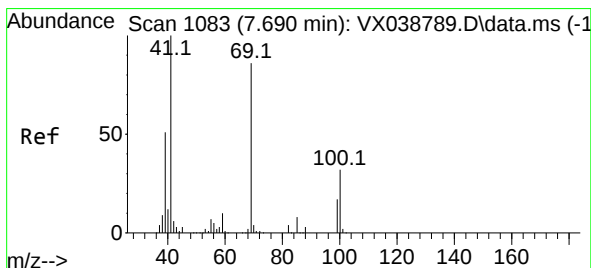
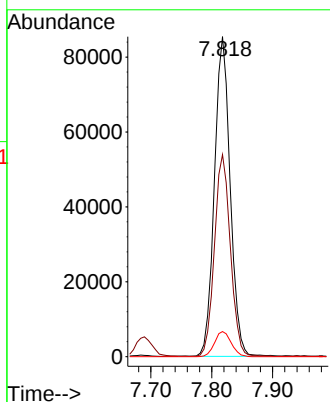
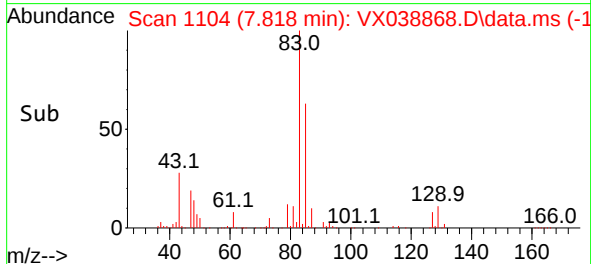
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 153680
Ion Ratio Lower Upper
83 100
85 63.1 49.8 74.6
127 7.9 7.1 10.7

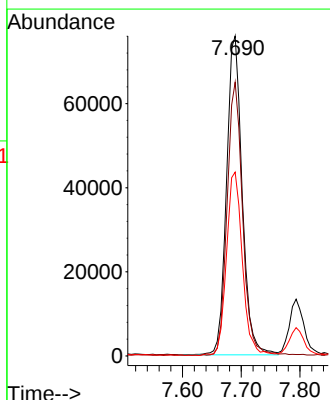
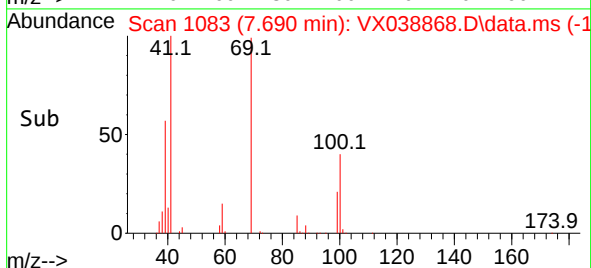
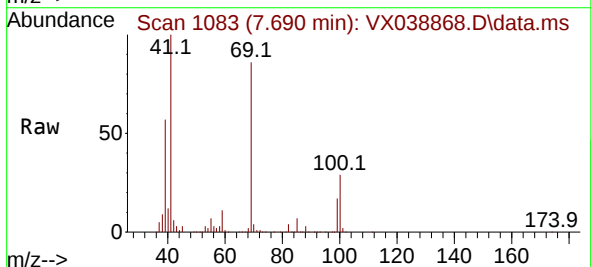
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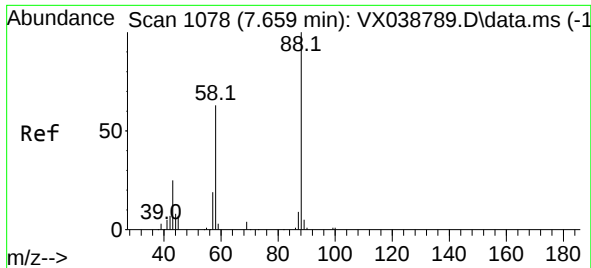
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#48
Methyl methacrylate
Concen: 45.438 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX038868.D
Acq: 17 Nov 2023 09:56

Tgt Ion: 41 Resp: 140577
Ion Ratio Lower Upper
41 100
69 85.1 59.2 88.8
39 58.5 47.7 71.5





#49

1,4-Dioxane

Concen: 998.515 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. -0.006 min

Lab File: VX038868.D

Acq: 17 Nov 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 5976

Ion Ratio Lower Upper

88 100

43 31.3 0.0 0.0

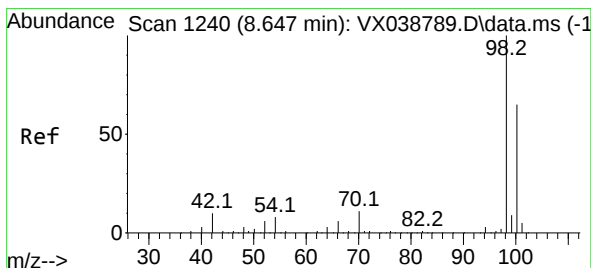
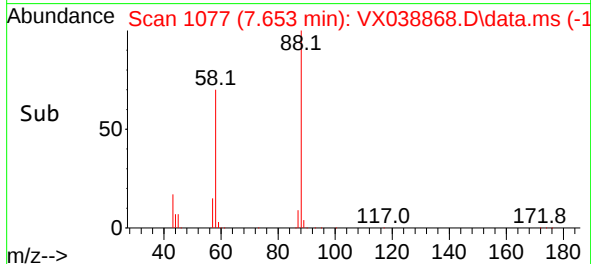
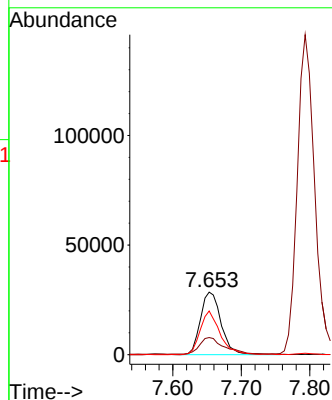
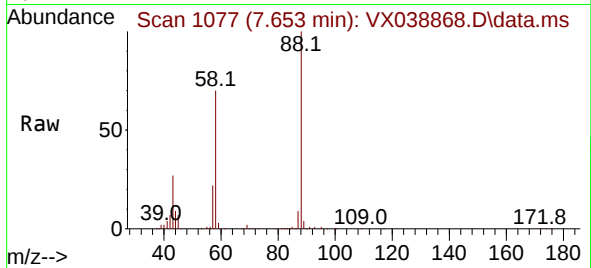
58 66.9 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#50

Toluene-d8

Concen: 47.206 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX038868.D

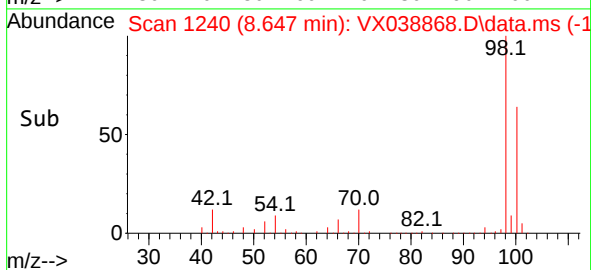
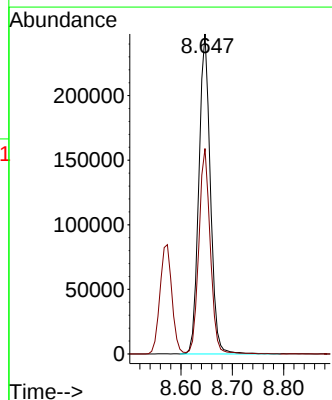
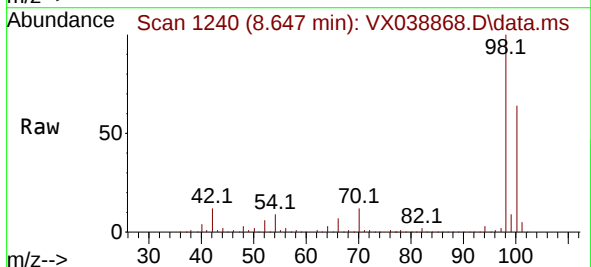
Acq: 17 Nov 2023 09:56

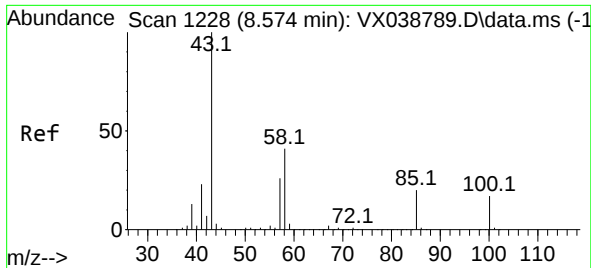
Tgt Ion: 98 Resp: 385929

Ion Ratio Lower Upper

98 100

100 63.7 53.1 79.7





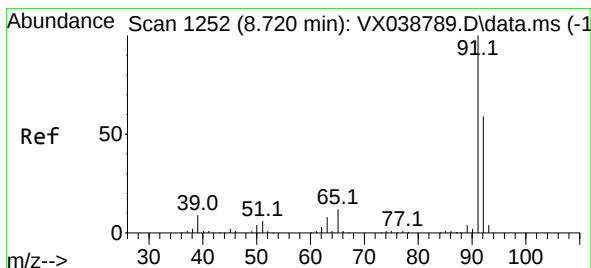
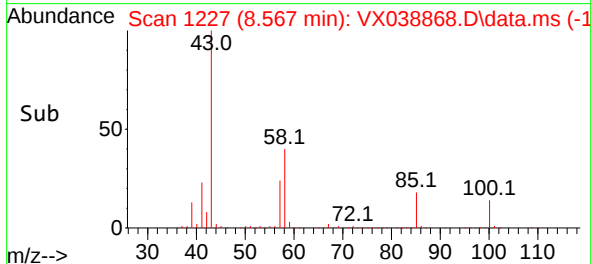
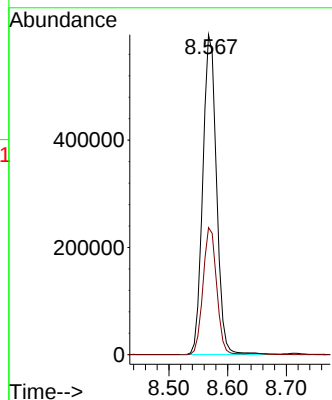
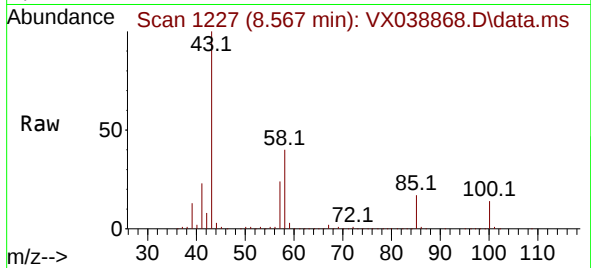
#51
4-Methyl-2-Pentanone
Concen: 238.622 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX038868.D
Acq: 17 Nov 2023 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 97237
Ion Ratio Lower Upper
43 100
58 39.5 30.4 45.6

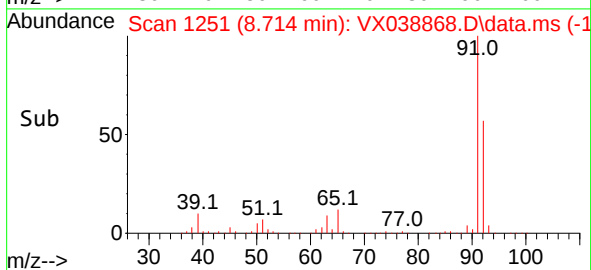
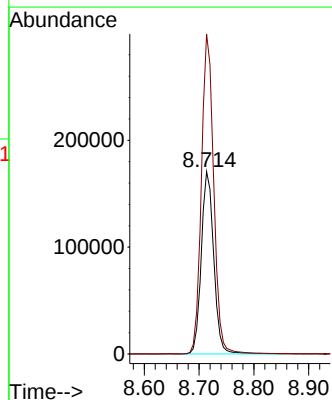
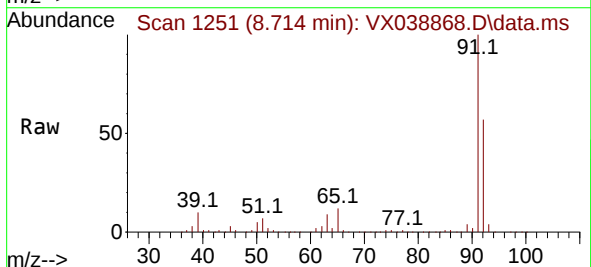
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APPROVED

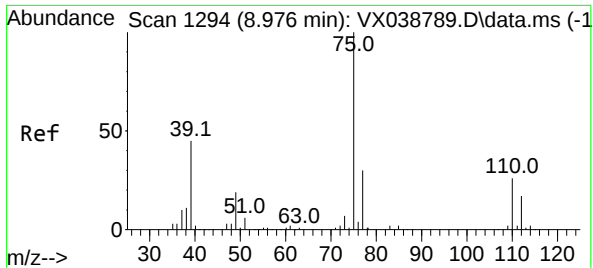
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#52
Toluene
Concen: 47.984 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX038868.D
Acq: 17 Nov 2023 09:56

Tgt Ion: 92 Resp: 269715
Ion Ratio Lower Upper
92 100
91 173.7 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 47.758 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX038868.D

Acq: 17 Nov 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 18310

Ion Ratio Lower Upper

75 100

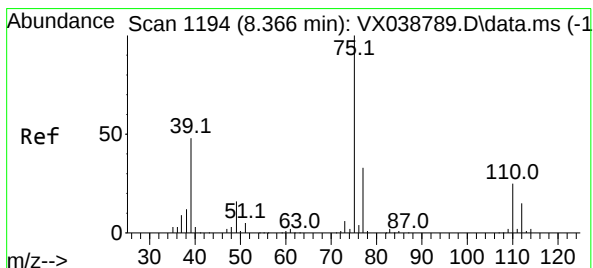
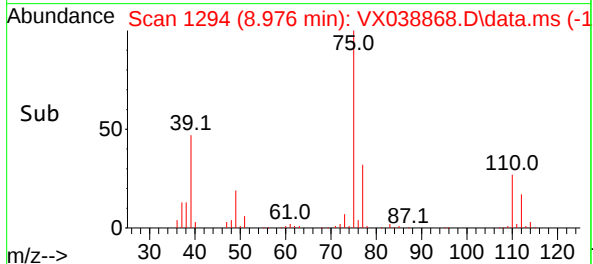
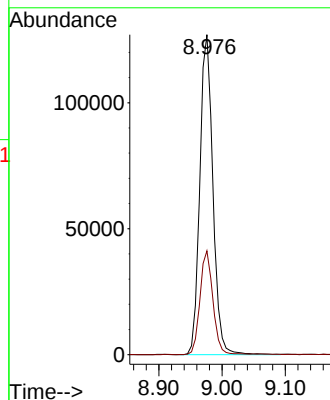
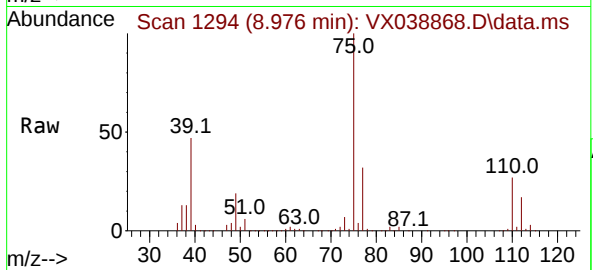
77 32.4 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#54

cis-1,3-Dichloropropene

Concen: 48.481 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX038868.D

Acq: 17 Nov 2023 09:56

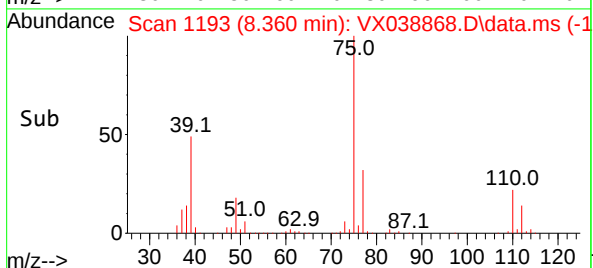
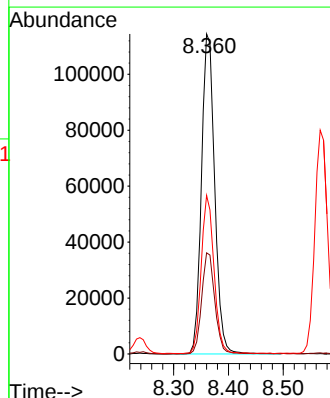
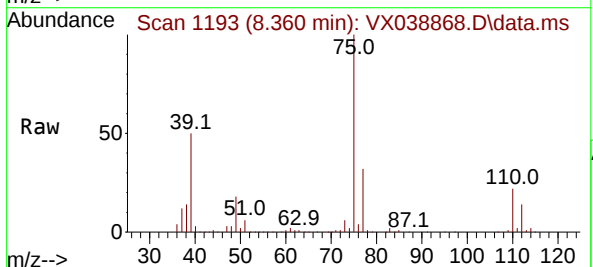
Tgt Ion: 75 Resp: 192004

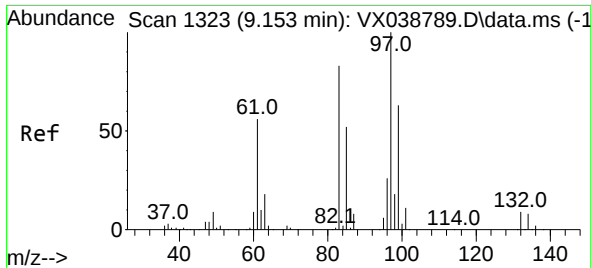
Ion Ratio Lower Upper

75 100

77 31.5 25.3 37.9

39 49.4 46.7 70.1





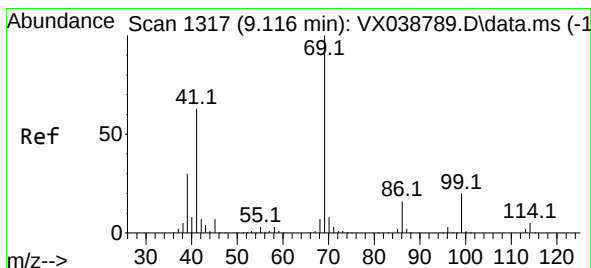
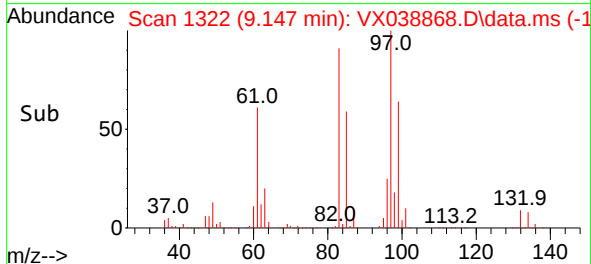
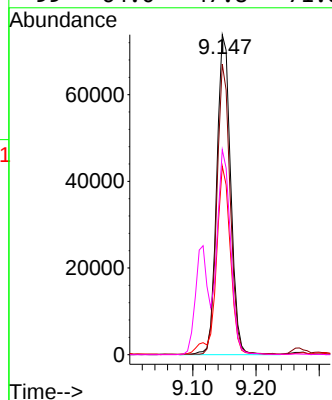
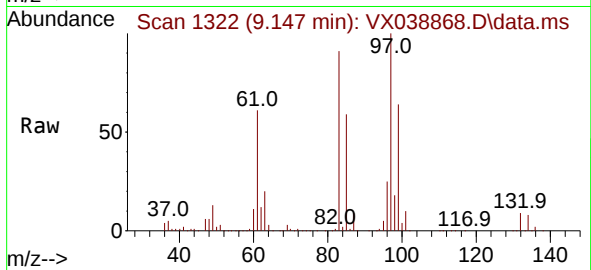
#55
1,1,2-Trichloroethane
Concen: 48.101 ug/l
RT: 9.147 min Scan# 11281
Delta R.T. -0.006 min
Lab File: VX038868.D
Acq: 17 Nov 2023 09:56

Instrument : MSVOA_X
ClientSampleId : VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.7	65.8	98.8
85	58.8	41.6	62.4
99	64.0	47.8	71.8

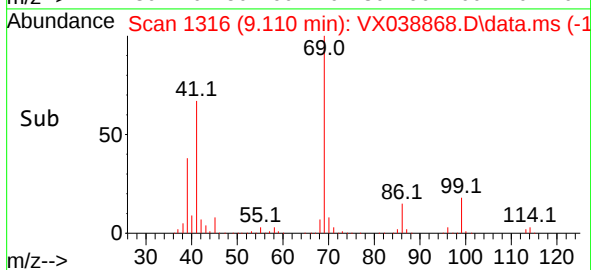
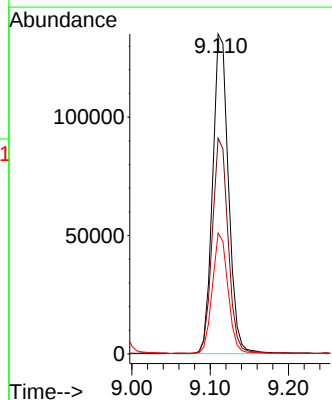
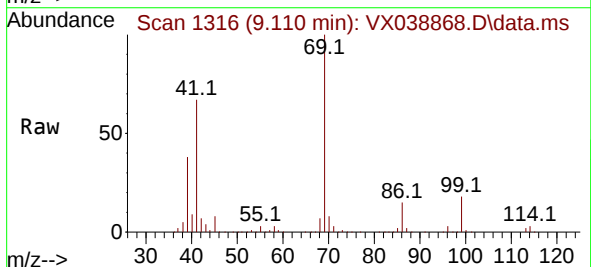
Manual Integrations
APPROVED

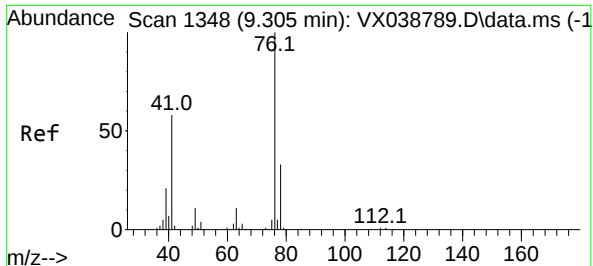
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#56
Ethyl methacrylate
Concen: 47.836 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX038868.D
Acq: 17 Nov 2023 09:56

Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.6	56.8	85.2
39	37.0	32.0	48.0





#57

1,3-Dichloropropane

Concen: 47.758 ug/l

RT: 9.305 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX038868.D

Acq: 17 Nov 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 18524

Ion Ratio Lower Upper

76 100

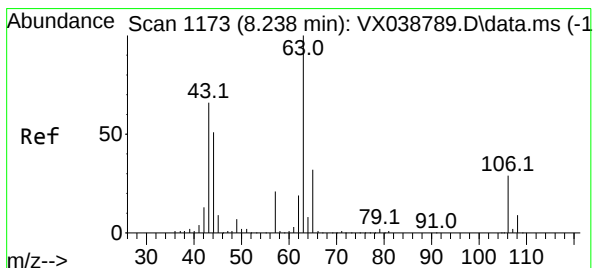
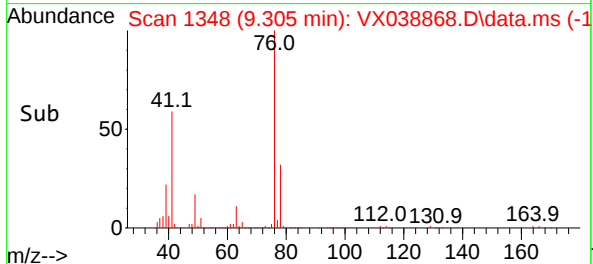
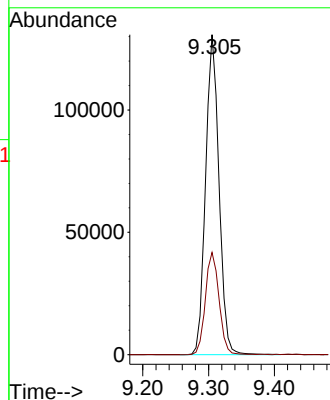
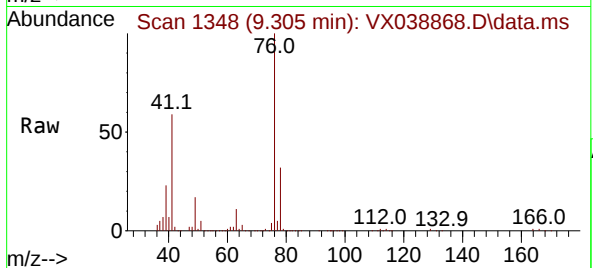
78 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 250.424 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX038868.D

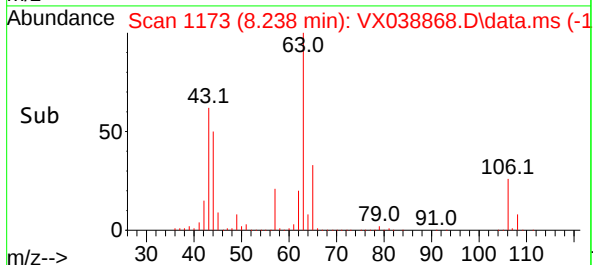
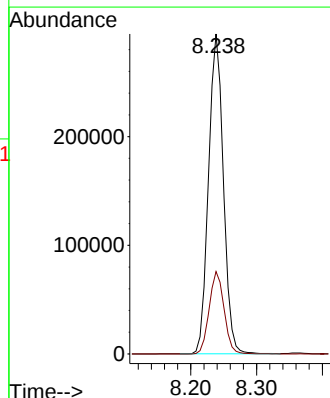
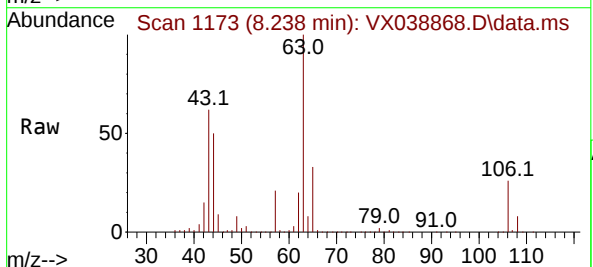
Acq: 17 Nov 2023 09:56

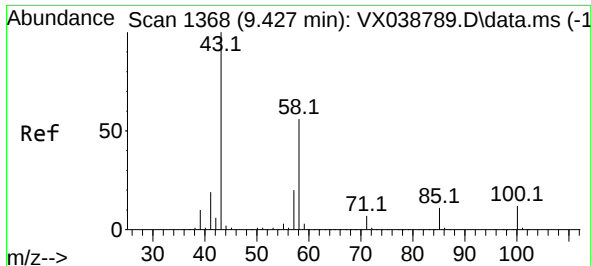
Tgt Ion: 63 Resp: 462928

Ion Ratio Lower Upper

63 100

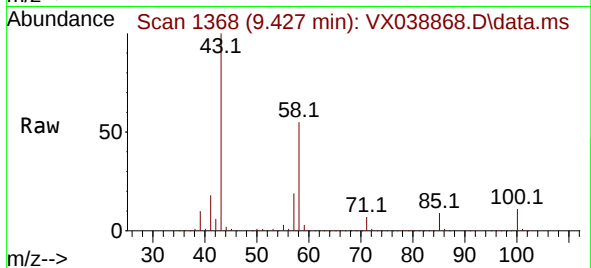
106 25.8 22.5 33.7





#59
2-Hexanone
Concen: 243.087 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX038868.D
Acq: 17 Nov 2023 09:56

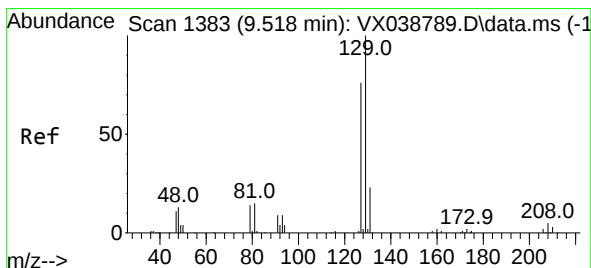
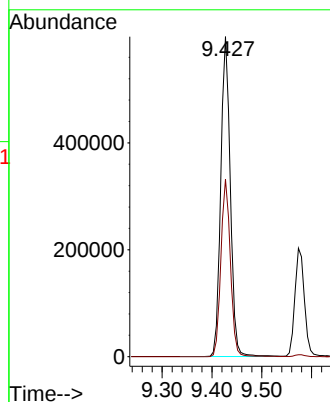
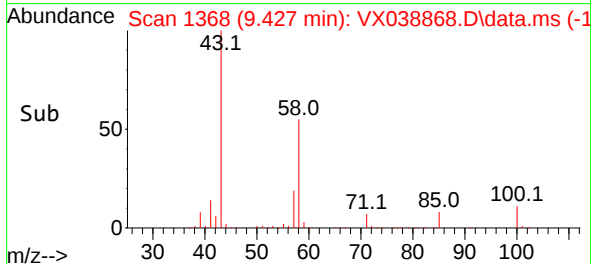
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 793960
Ion Ratio Lower Upper
43 100
58 55.4 26.2 78.5

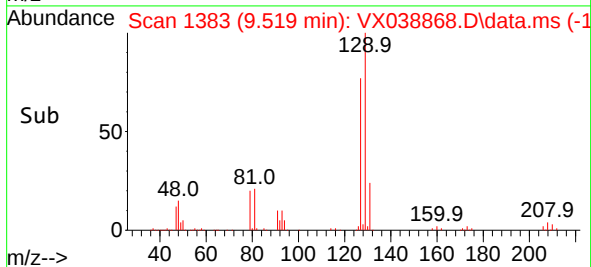
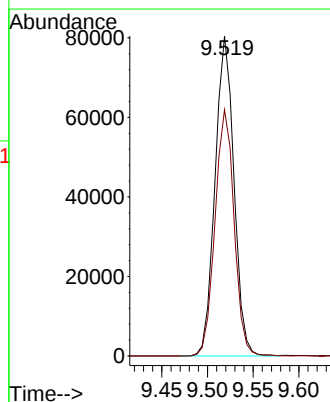
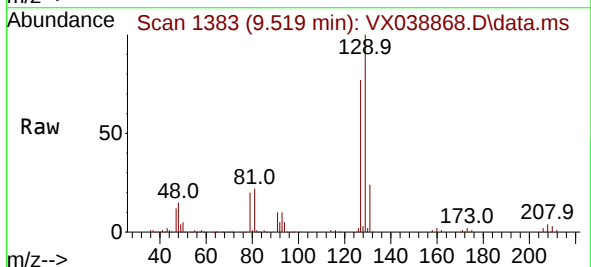
Manual Integrations
APPROVED

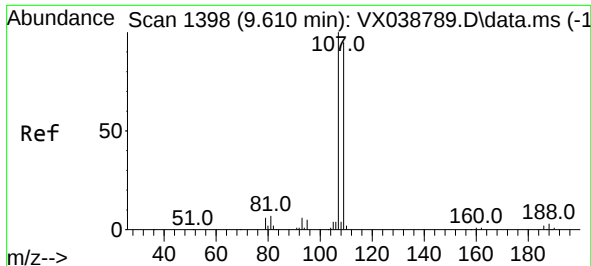
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#60
Dibromochloromethane
Concen: 48.535 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX038868.D
Acq: 17 Nov 2023 09:56

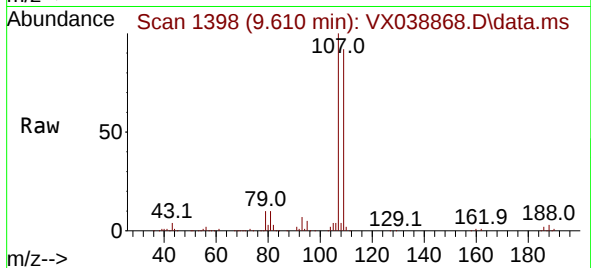
Tgt Ion:129 Resp: 115742
Ion Ratio Lower Upper
129 100
127 77.6 38.8 116.4





#61
1,2-Dibromoethane
Concen: 48.276 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038868.D
Acq: 17 Nov 2023 09:56

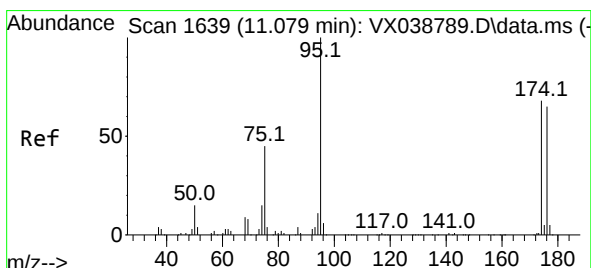
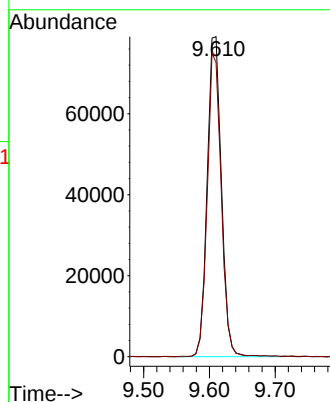
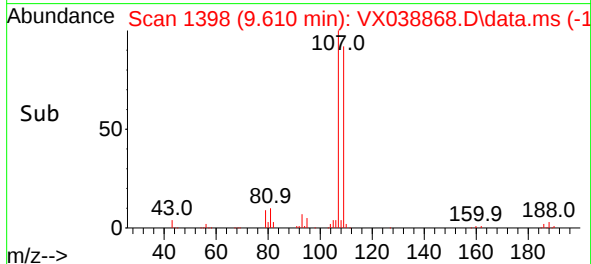
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



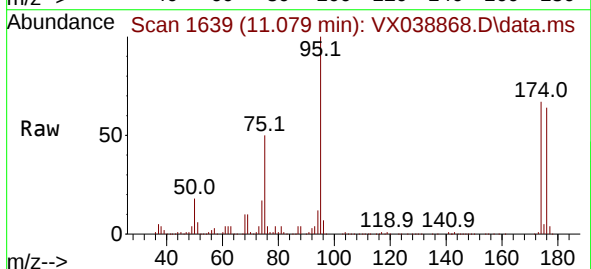
Tgt Ion:107 Resp: 118815
Ion Ratio Lower Upper
107 100
109 93.4 75.2 112.8

Manual Integrations
APPROVED

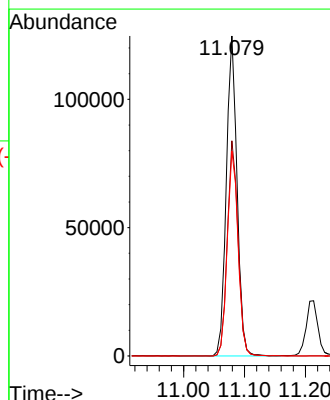
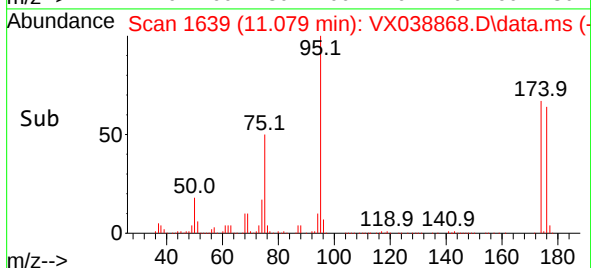
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

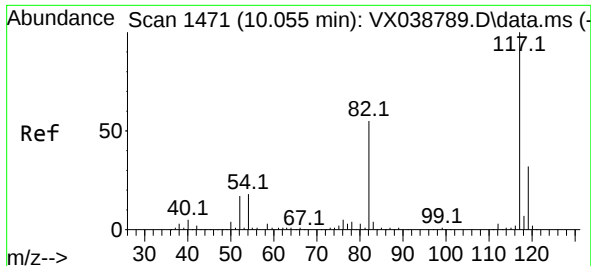


#62
4-Bromofluorobenzene
Concen: 46.695 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038868.D
Acq: 17 Nov 2023 09:56



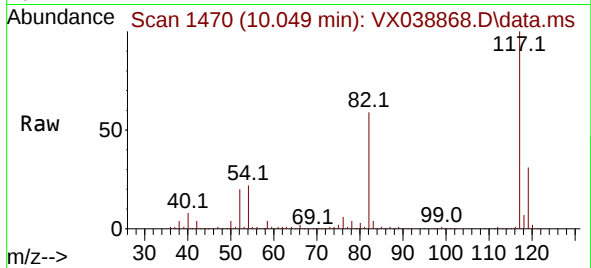
Tgt Ion: 95 Resp: 152815
Ion Ratio Lower Upper
95 100
174 66.9 0.0 135.6
176 64.5 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX038868.D
Acq: 17 Nov 2023 09:56

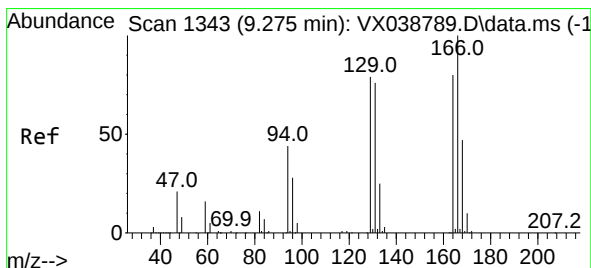
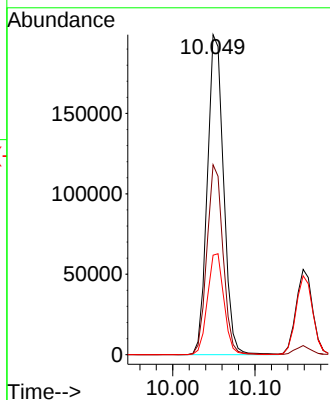
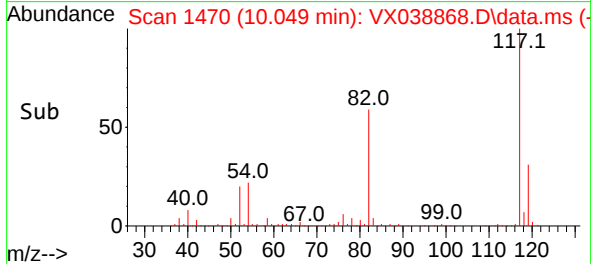
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 27289
Ion Ratio Lower Upper
117 100
82 59.3 46.2 69.4
119 31.1 25.5 38.3

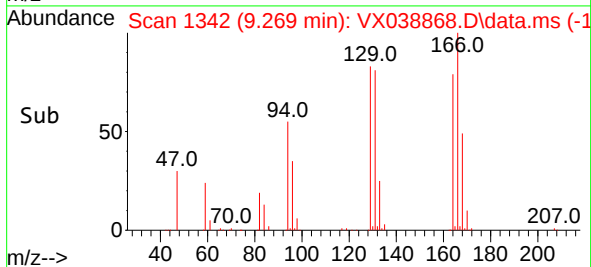
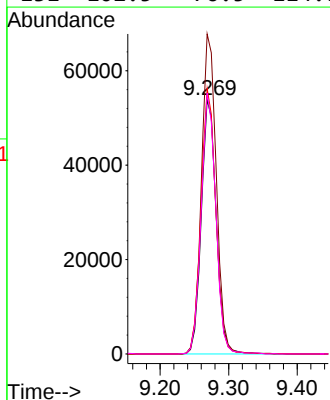
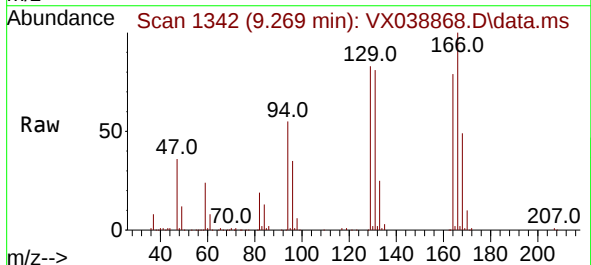
Manual Integrations
APPROVED

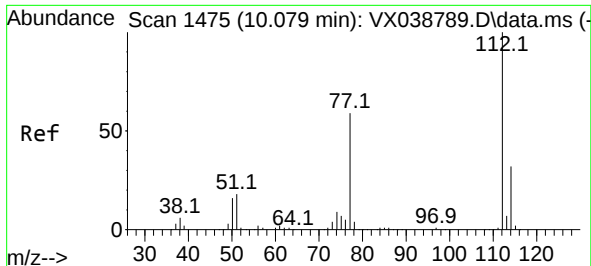
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#64
Tetrachloroethene
Concen: 47.879 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX038868.D
Acq: 17 Nov 2023 09:56

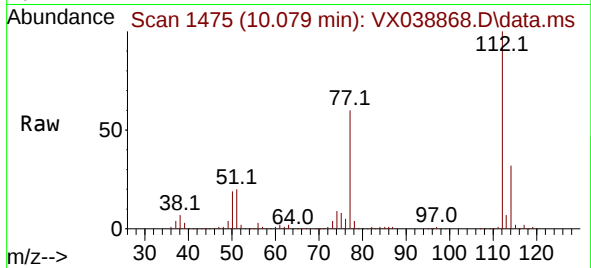
Tgt Ion:164 Resp: 81217
Ion Ratio Lower Upper
164 100
166 125.8 102.7 154.1
129 104.4 80.4 120.6
131 102.5 76.5 114.7





#65
Chlorobenzene
Concen: 48.079 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038868.D
Acq: 17 Nov 2023 09:56

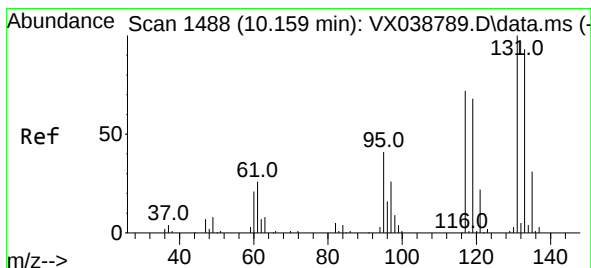
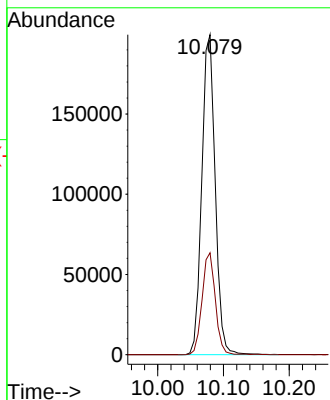
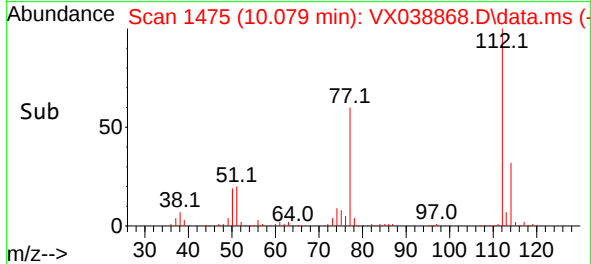
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 282634
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5

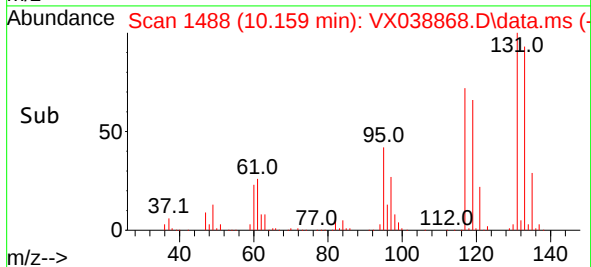
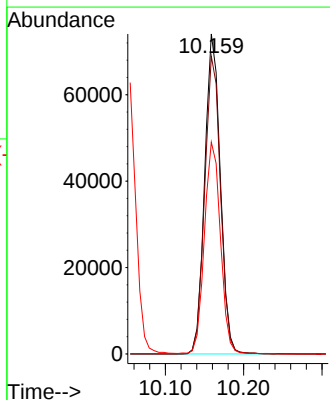
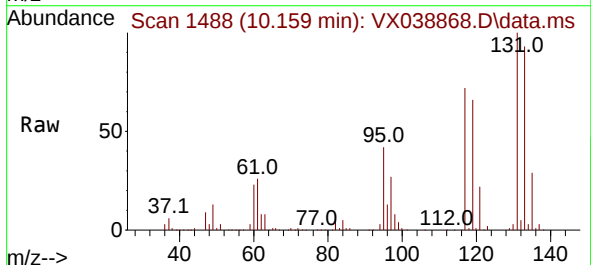
Manual Integrations
APPROVED

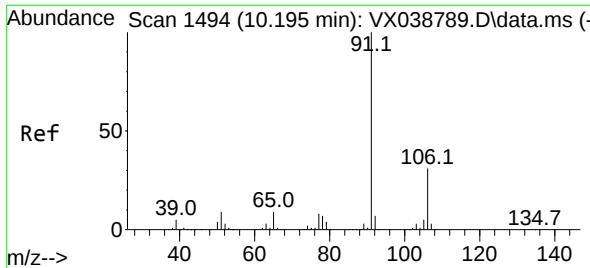
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 48.362 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX038868.D
Acq: 17 Nov 2023 09:56

Tgt Ion:131 Resp: 102266
Ion Ratio Lower Upper
131 100
133 94.1 47.1 141.4
119 68.1 32.2 96.6





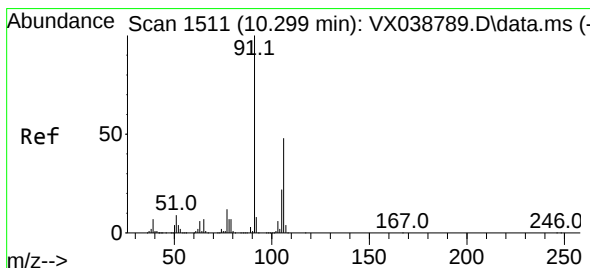
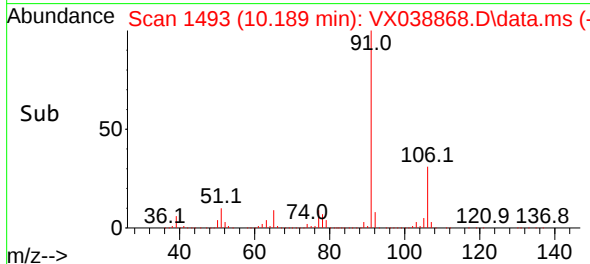
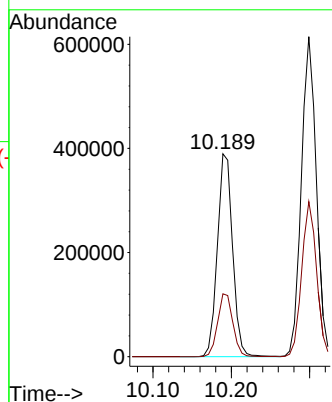
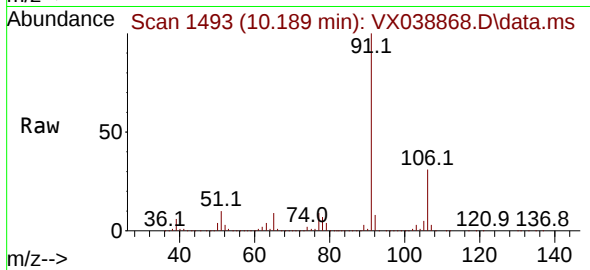
#67
Ethyl Benzene
Concen: 48.625 ug/l
RT: 10.189 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VX038868.D
Acq: 17 Nov 2023 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 525169
Ion Ratio Lower Upper
91 100
106 31.0 24.9 37.3

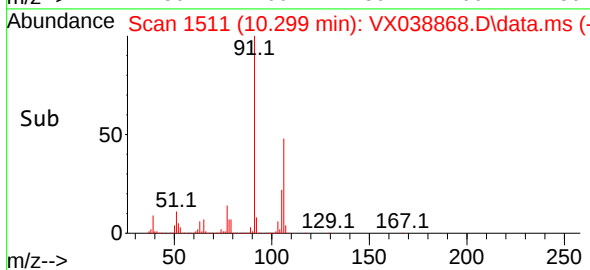
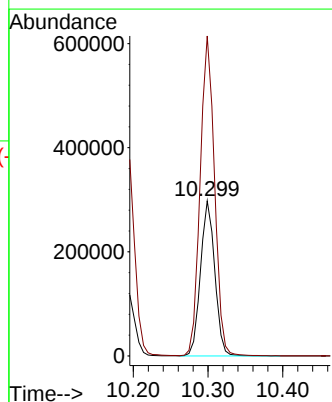
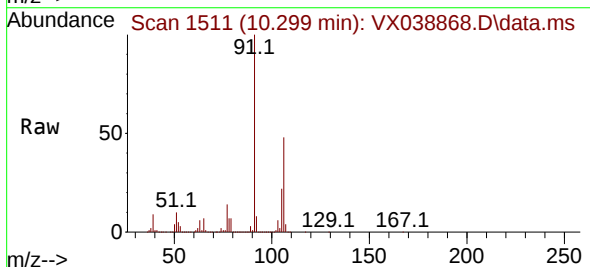
Manual Integrations
APPROVED

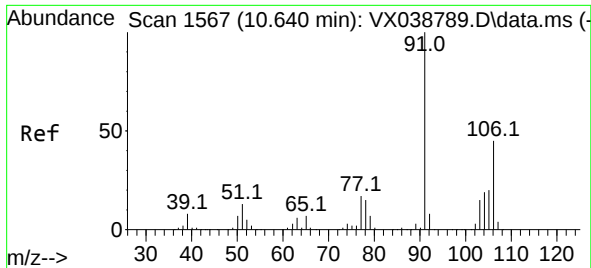
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#68
m/p-Xylenes
Concen: 96.620 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX038868.D
Acq: 17 Nov 2023 09:56

Tgt Ion:106 Resp: 394746
Ion Ratio Lower Upper
106 100
91 207.9 165.5 248.3





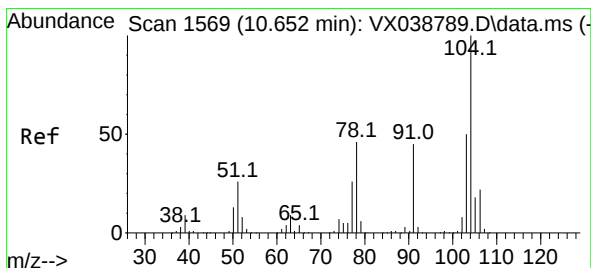
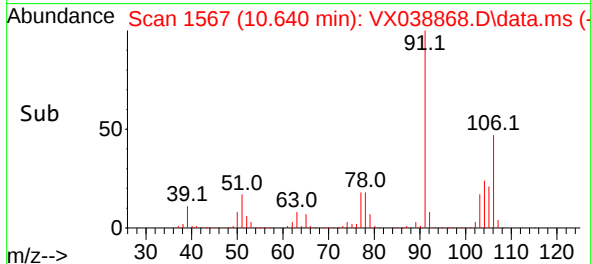
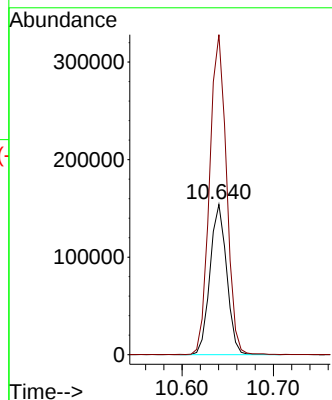
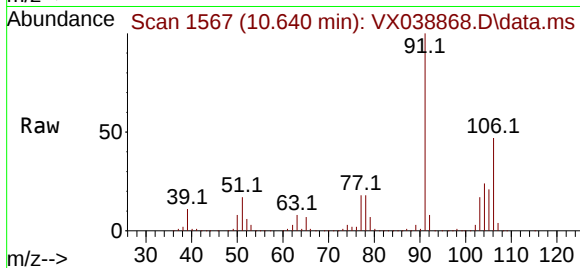
#69
o-Xylene
Concen: 48.203 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038868.D
Acq: 17 Nov 2023 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 194860
Ion Ratio Lower Upper
106 100
91 216.4 108.9 326.8

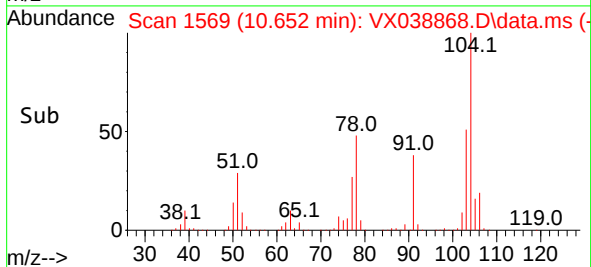
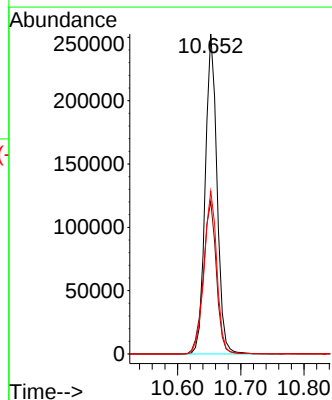
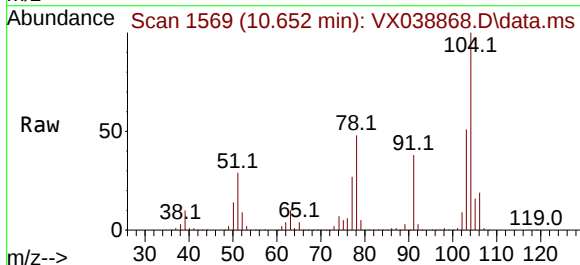
Manual Integrations
APPROVED

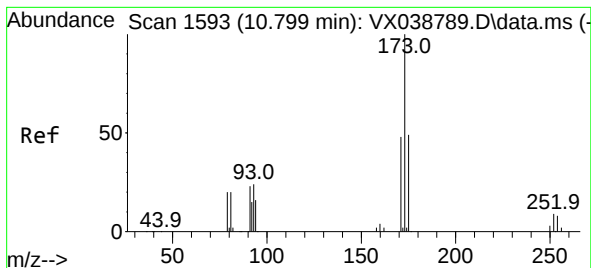
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#70
Styrene
Concen: 47.983 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX038868.D
Acq: 17 Nov 2023 09:56

Tgt Ion:104 Resp: 327594
Ion Ratio Lower Upper
104 100
78 53.2 43.6 65.4
103 55.7 43.6 65.4





#71

Bromoform

Concen: 49.414 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX038868.D

Acq: 17 Nov 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

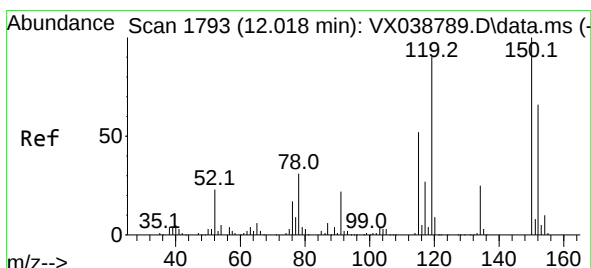
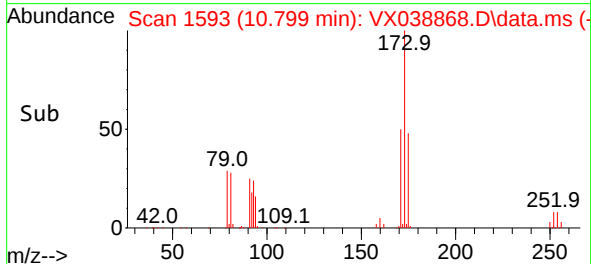
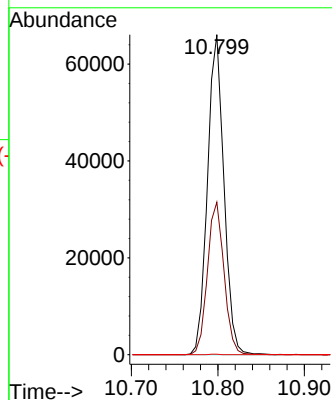
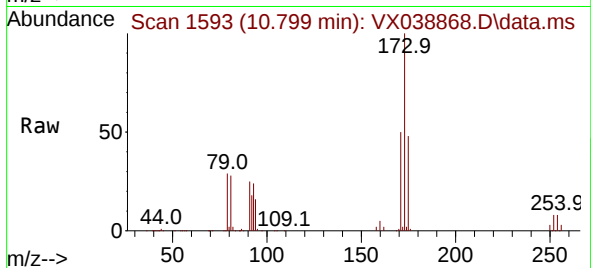
Tgt Ion:173 Resp: 87109
 Ion Ratio Lower Upper
 173 100
 175 48.1 24.1 72.4
 254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

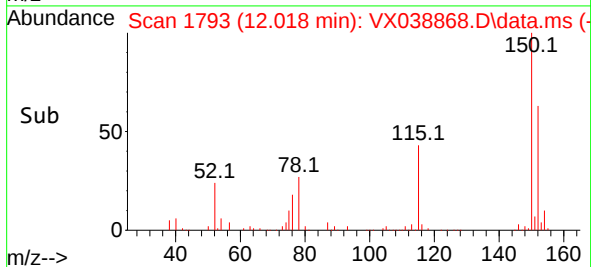
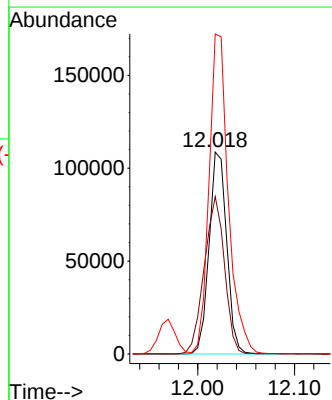
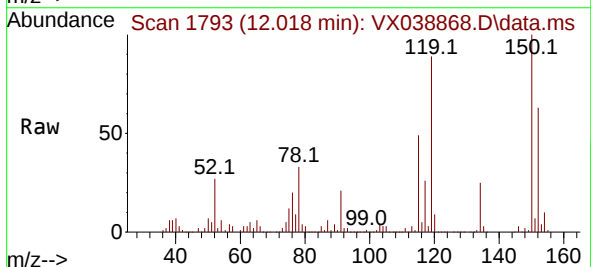
RT: 12.018 min Scan# 1793

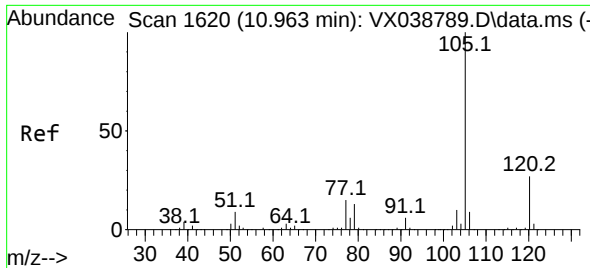
Delta R.T. 0.000 min

Lab File: VX038868.D

Acq: 17 Nov 2023 09:56

Tgt Ion:152 Resp: 137785
 Ion Ratio Lower Upper
 152 100
 115 89.6 43.3 129.9
 150 173.1 0.0 345.0





#73
Isopropylbenzene
Concen: 46.995 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX038868.D
Acq: 17 Nov 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

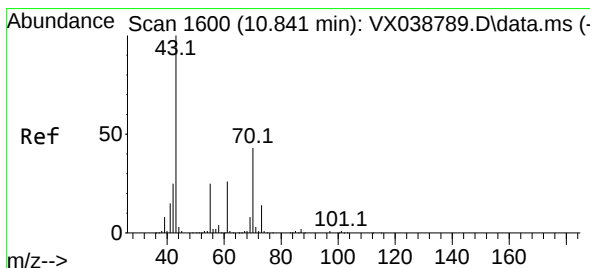
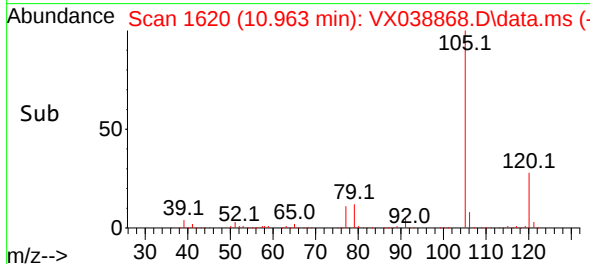
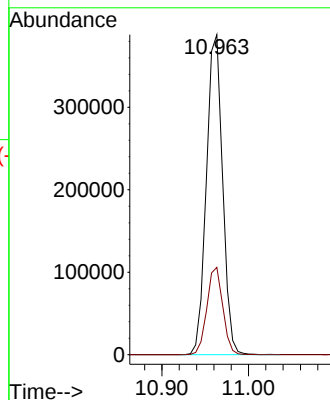
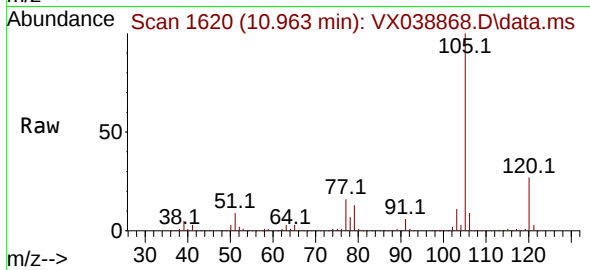
VSTDCCC050

Tgt Ion:105 Resp: 50450
Ion Ratio Lower Upper
105 100
120 26.8 12.9 38.6

Manual Integrations

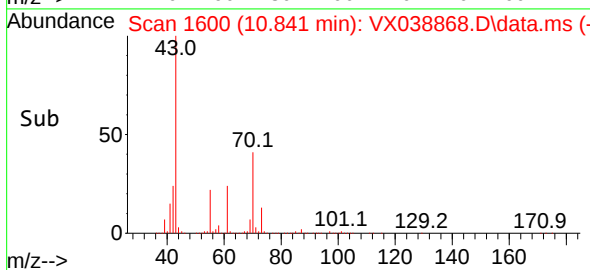
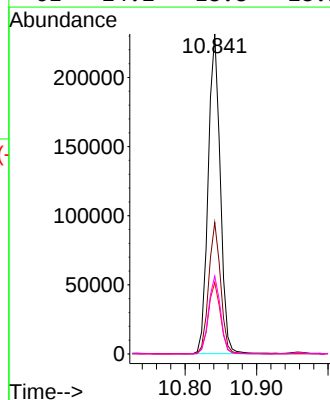
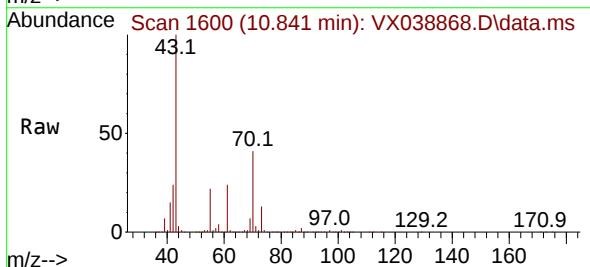
APPROVED

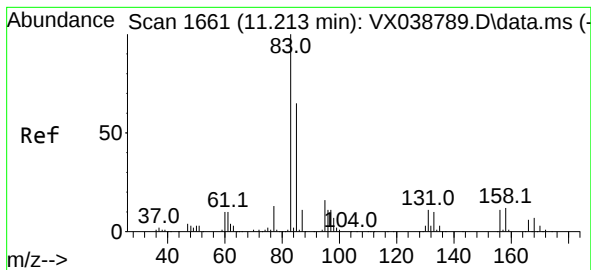
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#74
N-ethyl acetate
Concen: 47.809 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX038868.D
Acq: 17 Nov 2023 09:56

Tgt Ion: 43 Resp: 271313
Ion Ratio Lower Upper
43 100
70 40.5 32.9 49.3
55 22.4 19.3 28.9
61 24.2 18.8 28.2





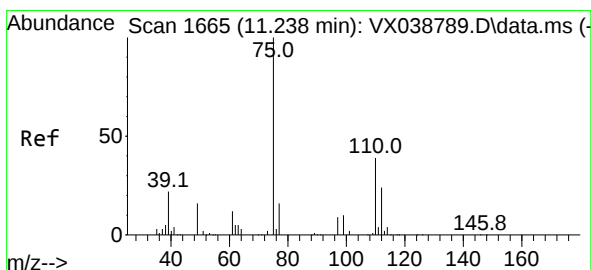
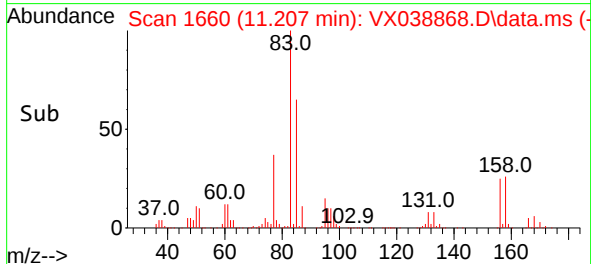
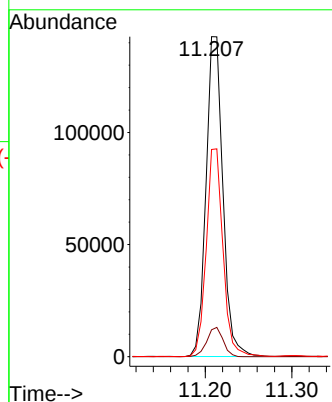
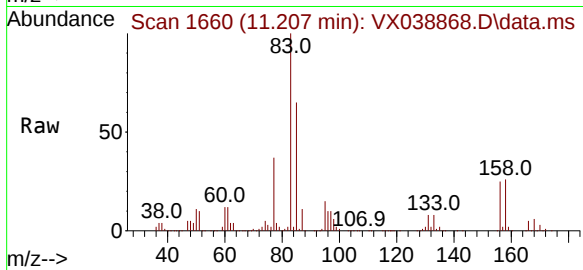
#75
1,1,2,2-Tetrachloroethane
Concen: 45.991 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX038868.D
Acq: 17 Nov 2023 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 19273
Ion Ratio Lower Upper
83 100
131 8.9 5.3 15.8
85 64.7 32.0 96.2

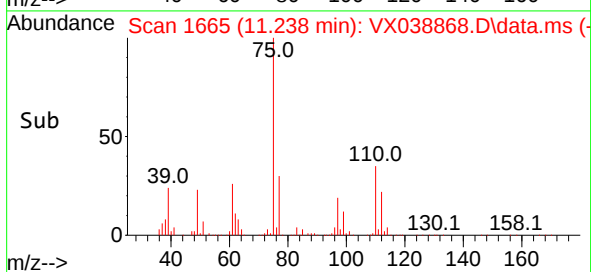
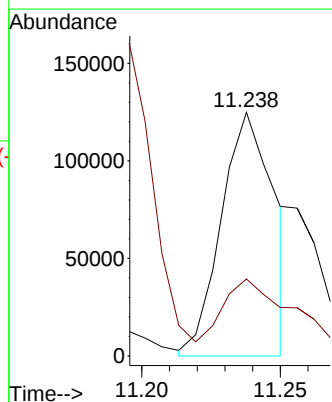
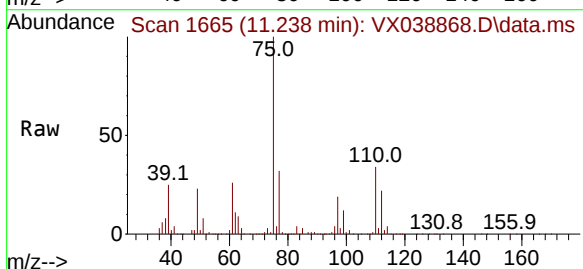
Manual Integrations
APPROVED

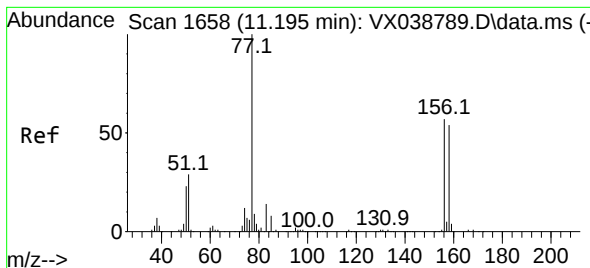
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#76
1,2,3-Trichloropropane
Concen: 48.085 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX038868.D
Acq: 17 Nov 2023 09:56

Tgt Ion: 75 Resp: 165303
Ion Ratio Lower Upper
75 100
77 44.0 19.1 57.5





#77

Bromobenzene

Concen: 46.943 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX038868.D

Acq: 17 Nov 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

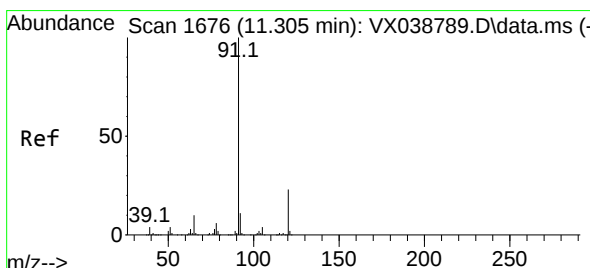
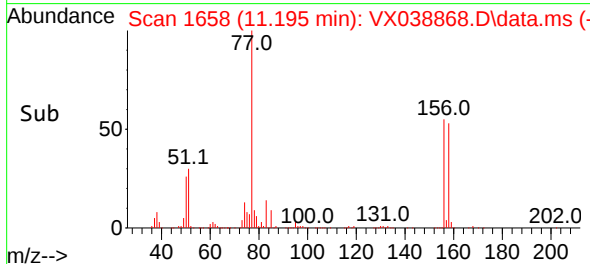
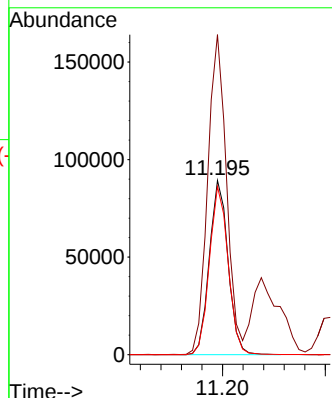
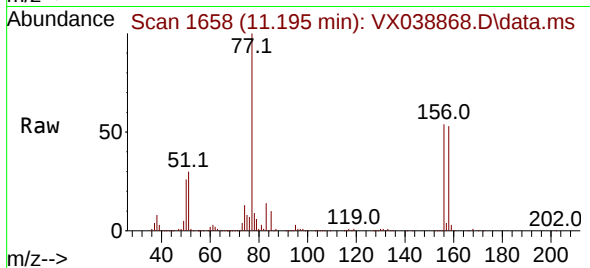
Tgt Ion:156 Resp: 11323
 Ion Ratio Lower Upper
 156 100
 77 184.1 88.4 265.3
 158 96.5 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#78

n-propylbenzene

Concen: 47.715 ug/l

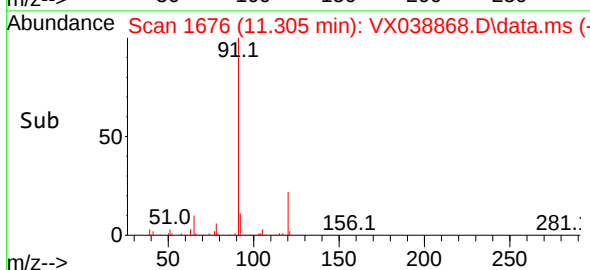
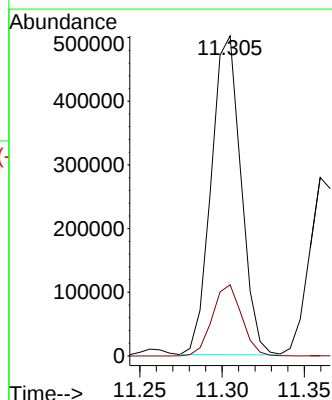
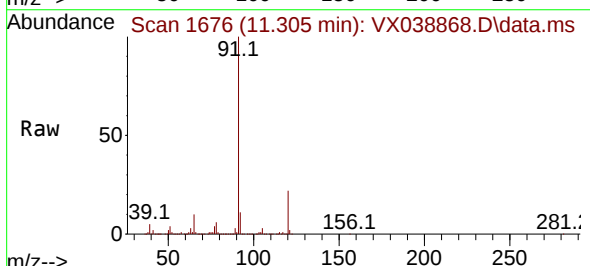
RT: 11.305 min Scan# 1676

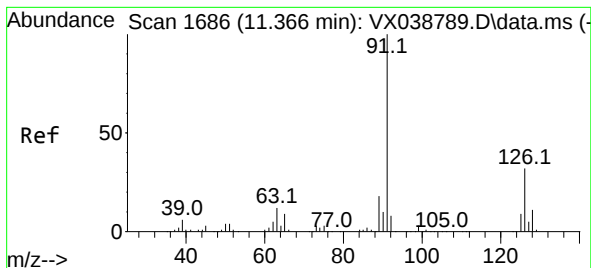
Delta R.T. 0.000 min

Lab File: VX038868.D

Acq: 17 Nov 2023 09:56

Tgt Ion: 91 Resp: 630514
 Ion Ratio Lower Upper
 91 100
 120 22.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 46.212 ug/l

RT: 11.360 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX038868.D

Acq: 17 Nov 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 362400

Ion Ratio Lower Upper

91 100

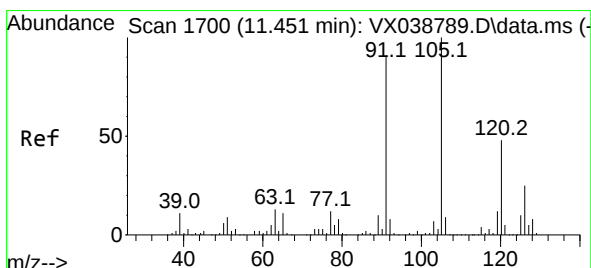
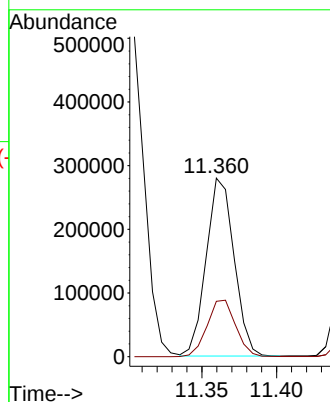
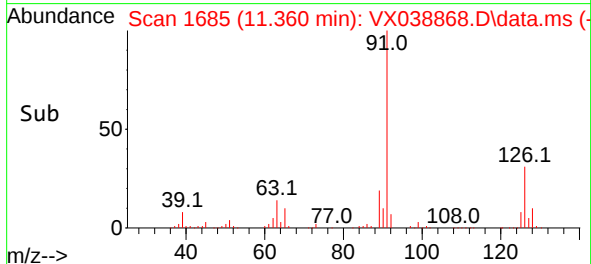
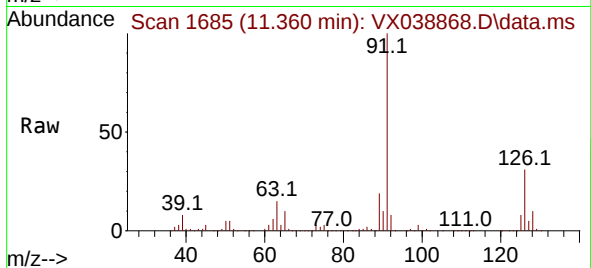
126 32.7 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#80

1,3,5-Trimethylbenzene

Concen: 47.939 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX038868.D

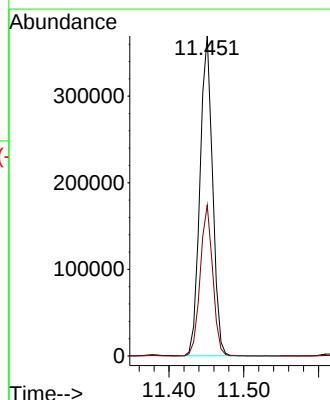
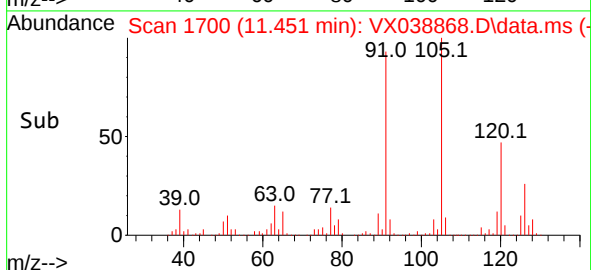
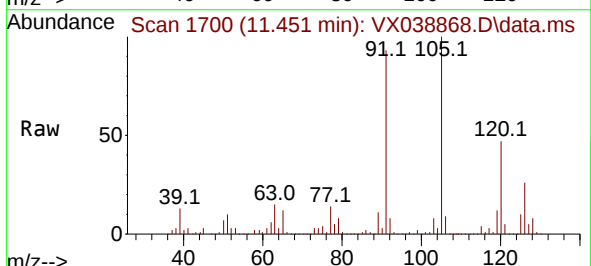
Acq: 17 Nov 2023 09:56

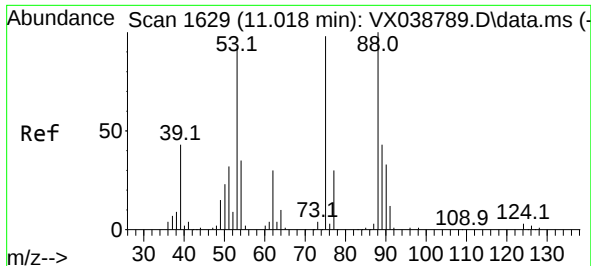
Tgt Ion:105 Resp: 432719

Ion Ratio Lower Upper

105 100

120 46.7 24.1 72.3





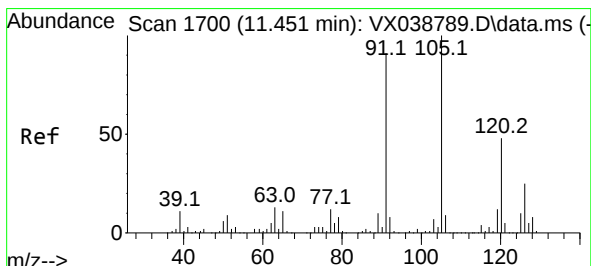
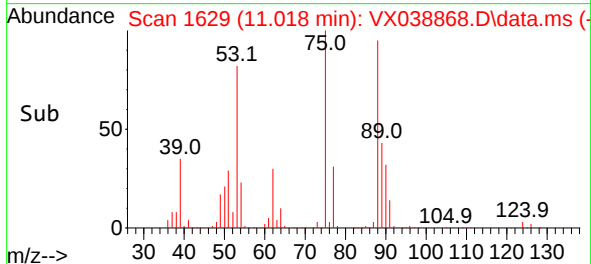
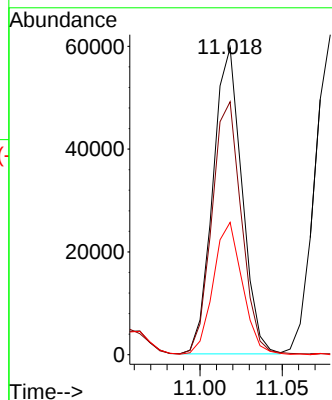
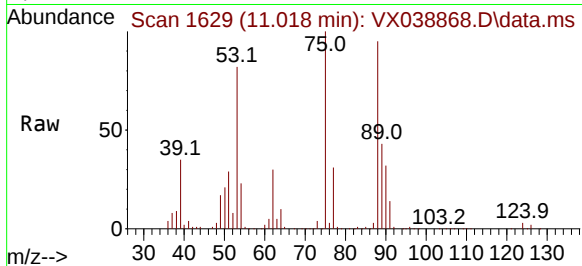
#81
trans-1,4-Dichloro-2-butene
Concen: 47.263 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038868.D
Acq: 17 Nov 2023 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 7325
Ion Ratio Lower Upper
75 100
53 83.6 90.5 135.7
89 43.5 36.9 55.3

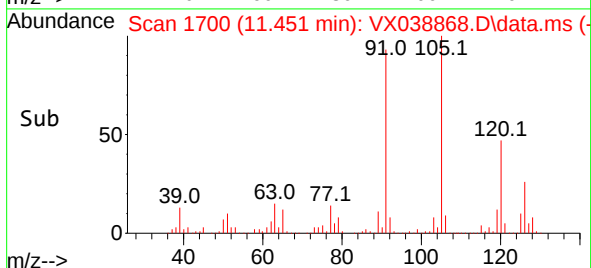
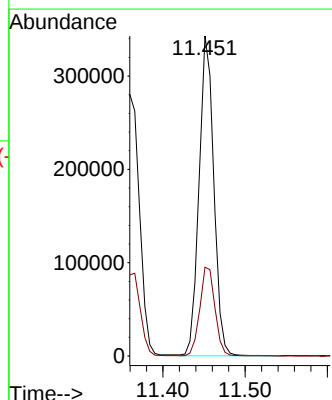
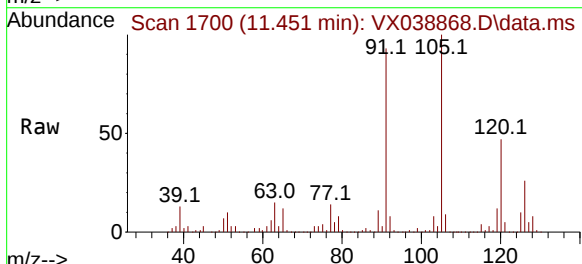
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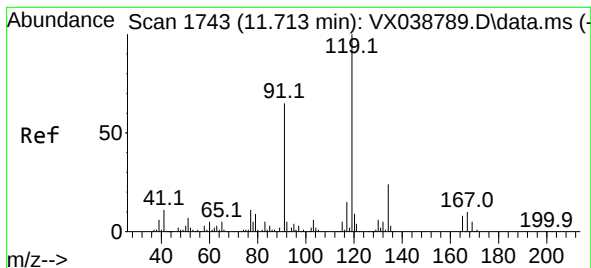
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#82
4-Chlorotoluene
Concen: 47.128 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038868.D
Acq: 17 Nov 2023 09:56

Tgt Ion: 91 Resp: 426144
Ion Ratio Lower Upper
91 100
126 28.7 14.2 42.6





#83

tert-Butylbenzene

Concen: 47.778 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX038868.D

Acq: 17 Nov 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 424740

Ion Ratio Lower Upper

119 100

91 61.3 31.2 93.6

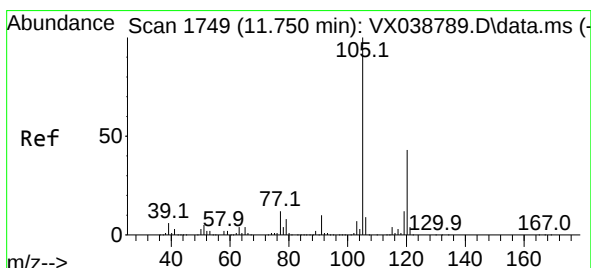
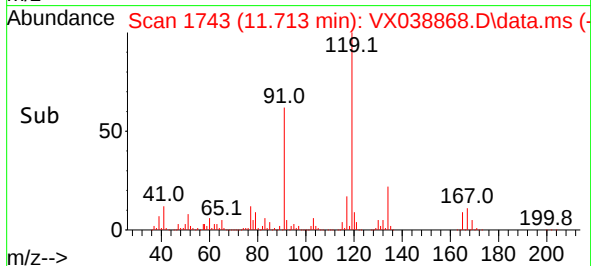
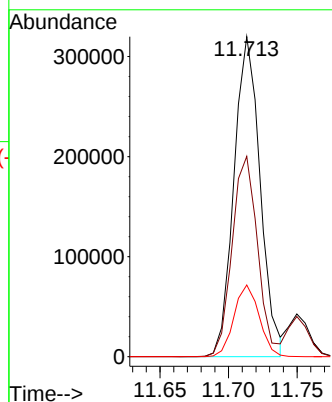
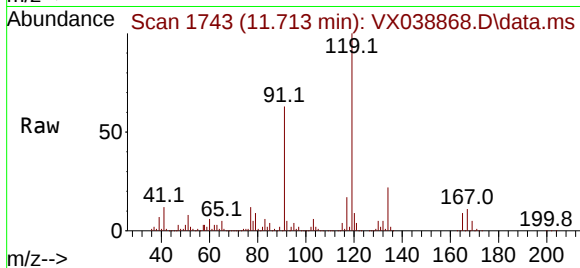
134 21.6 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#84

1,2,4-Trimethylbenzene

Concen: 47.635 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX038868.D

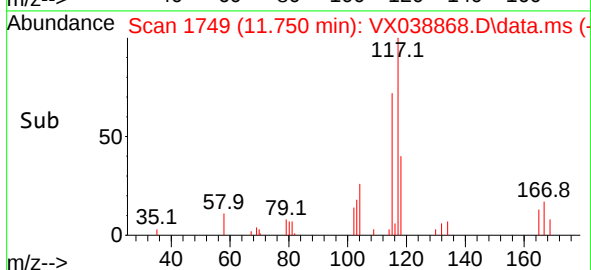
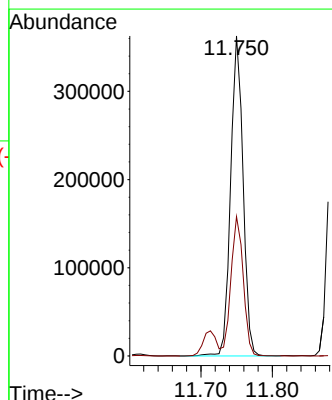
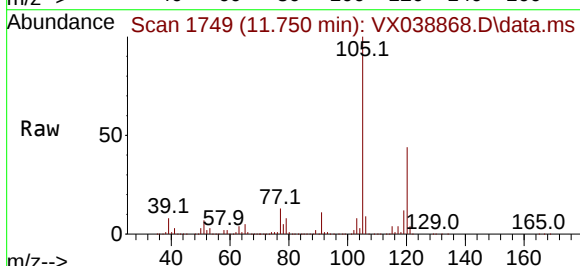
Acq: 17 Nov 2023 09:56

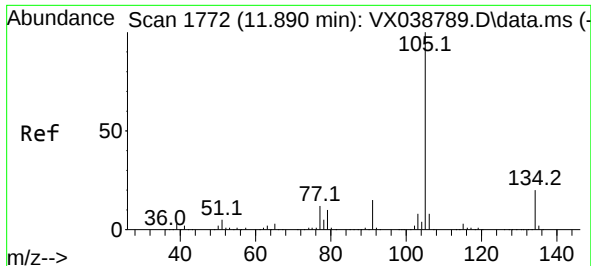
Tgt Ion:105 Resp: 435209

Ion Ratio Lower Upper

105 100

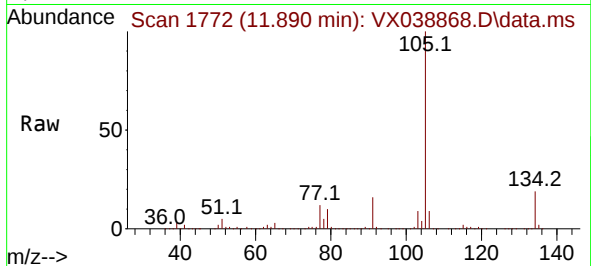
120 43.5 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 47.803 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038868.D
 Acq: 17 Nov 2023 09:56

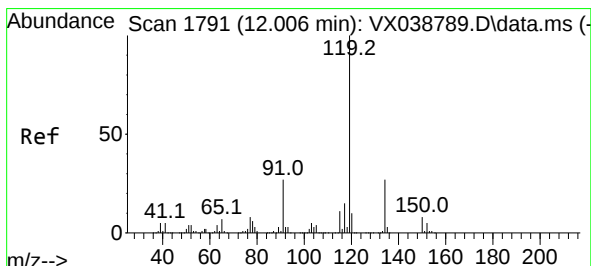
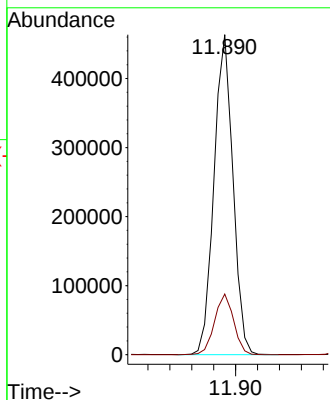
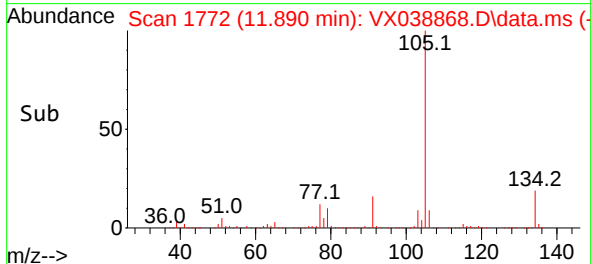
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



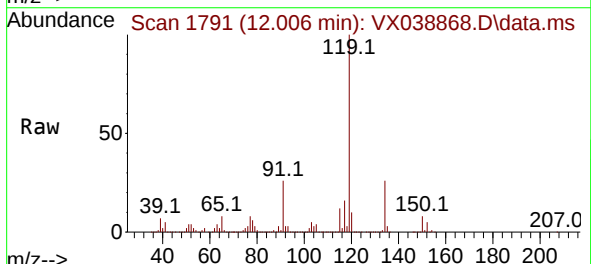
Tgt Ion:105 Resp: 55586
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.4

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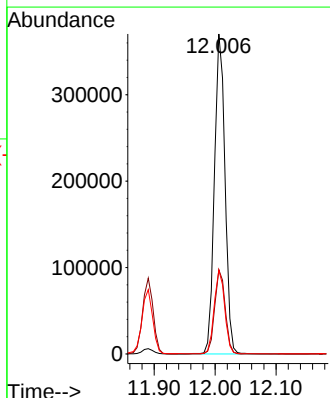
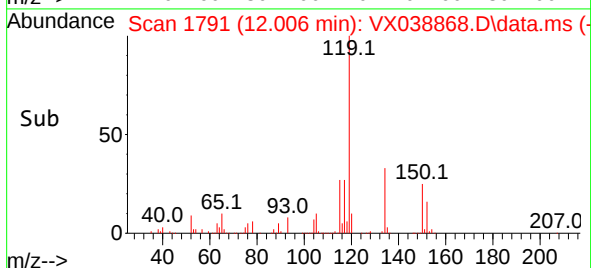
Reviewed By :John Carlone 11/18/2023
 Supervised By :Mahesh Dadoda 11/20/2023

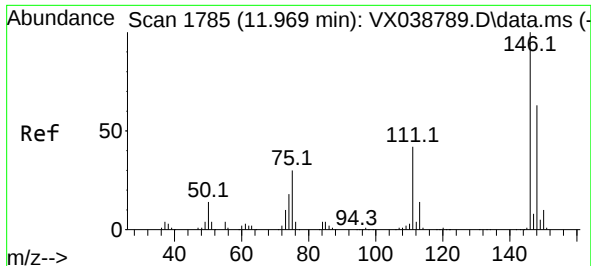


#86
 p-Isopropyltoluene
 Concen: 47.809 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX038868.D
 Acq: 17 Nov 2023 09:56



Tgt Ion:119 Resp: 446277
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.8 38.3
 91 25.9 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 47.451 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038868.D

Acq: 17 Nov 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 22414

Ion Ratio Lower Upper

146 100

111 44.4 22.1 66.1

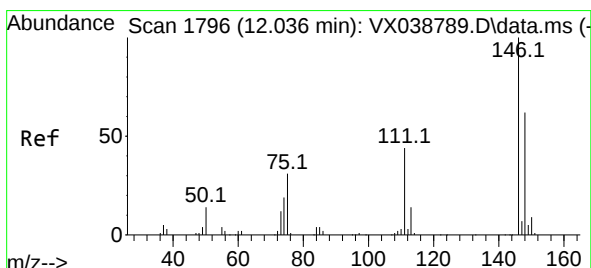
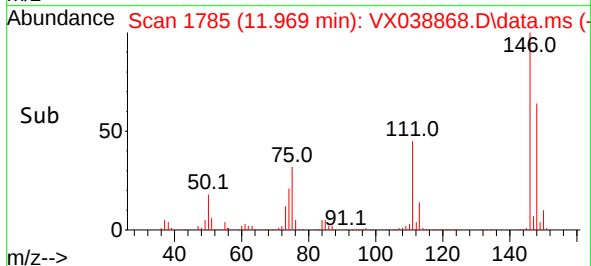
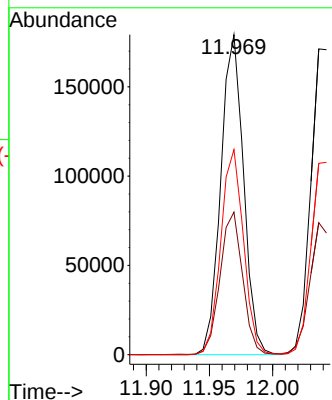
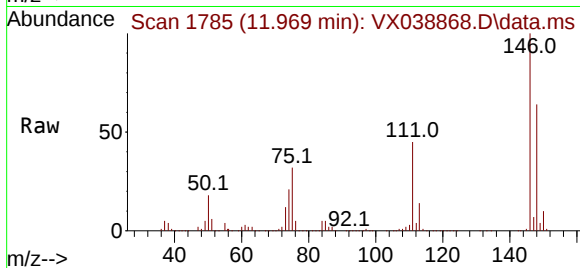
148 63.9 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#88

1,4-Dichlorobenzene

Concen: 46.440 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX038868.D

Acq: 17 Nov 2023 09:56

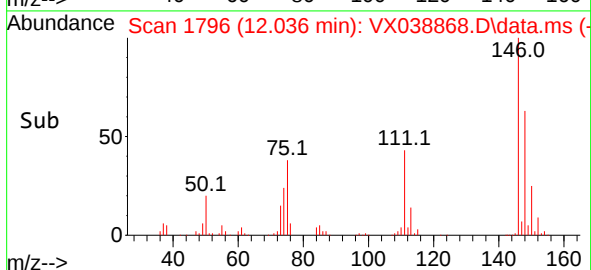
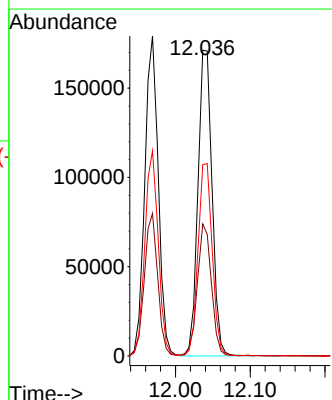
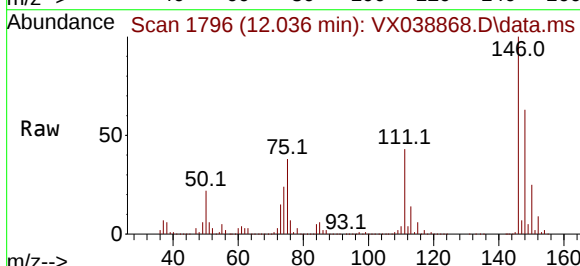
Tgt Ion:146 Resp: 224522

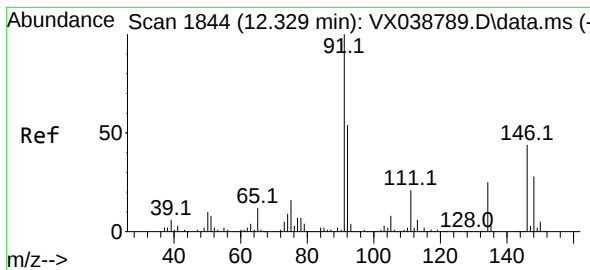
Ion Ratio Lower Upper

146 100

111 42.6 21.3 63.7

148 63.1 31.8 95.4





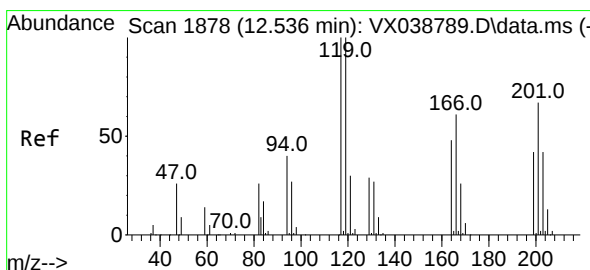
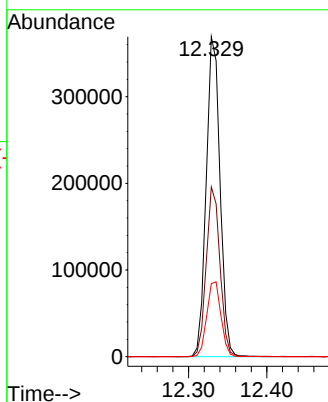
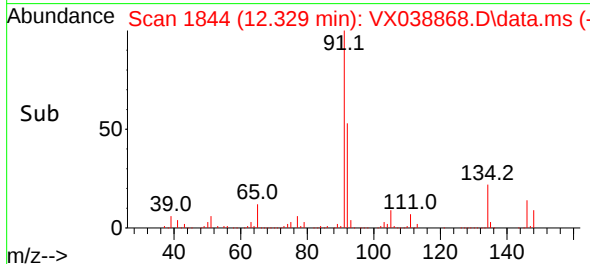
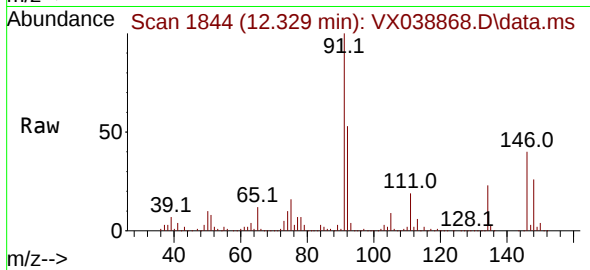
#89
n-Butylbenzene
Concen: 47.923 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX038868.D
Acq: 17 Nov 2023 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 45134
Ion Ratio Lower Upper
91 100
92 52.7 27.4 82.0
134 24.0 12.6 37.8

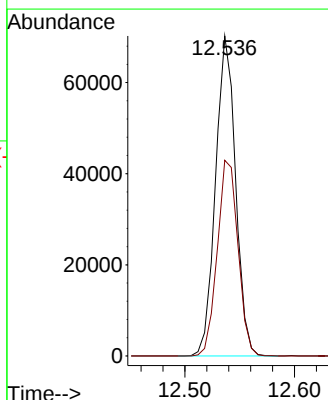
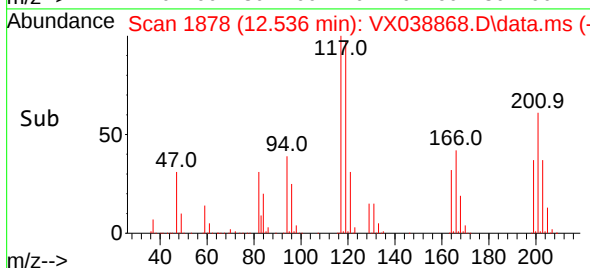
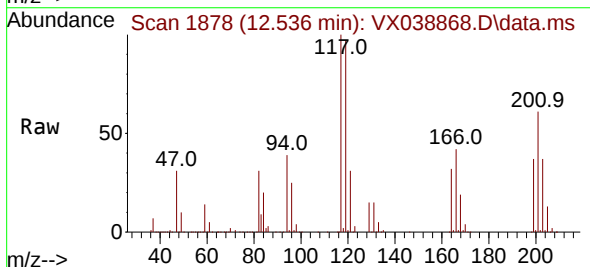
Manual Integrations
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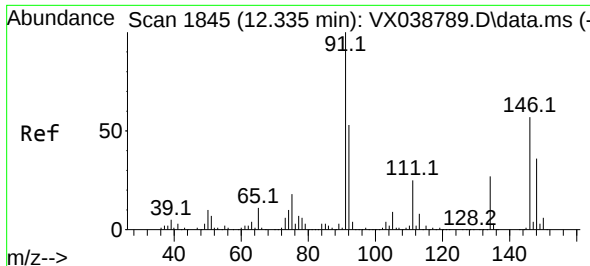
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#90
Hexachloroethane
Concen: 47.857 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX038868.D
Acq: 17 Nov 2023 09:56

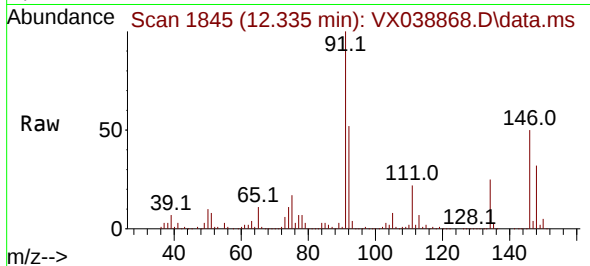
Tgt Ion:117 Resp: 89211
Ion Ratio Lower Upper
117 100
201 63.4 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 48.075 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038868.D
Acq: 17 Nov 2023 09:56

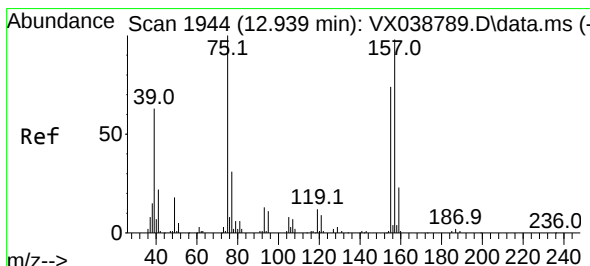
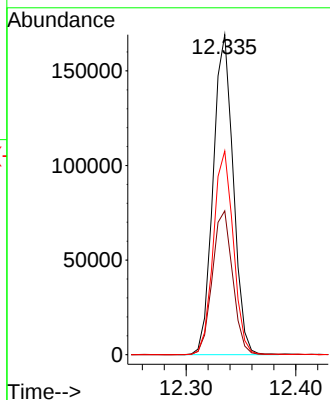
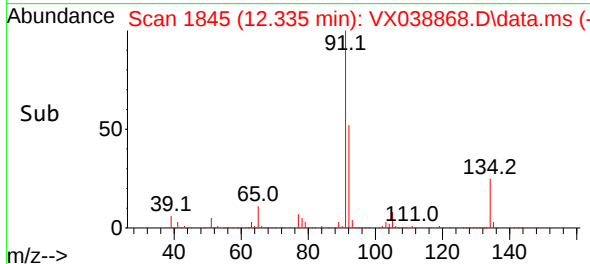
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



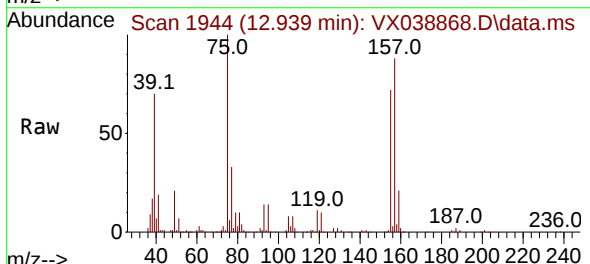
Tgt Ion:146 Resp: 215390
Ion Ratio Lower Upper
146 100
111 45.6 22.4 67.0
148 63.4 31.6 95.0

Manual Integrations
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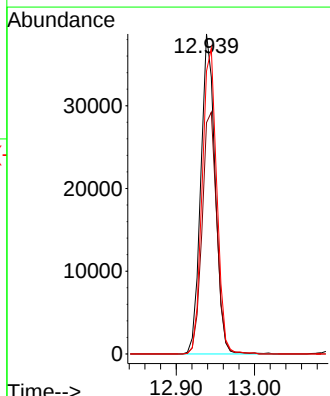
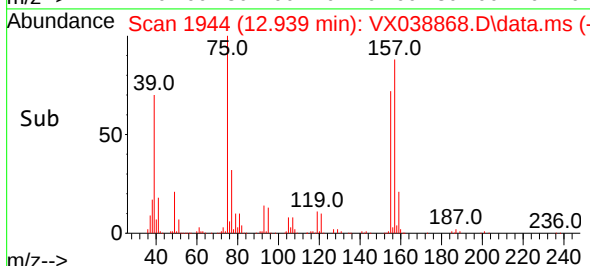
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

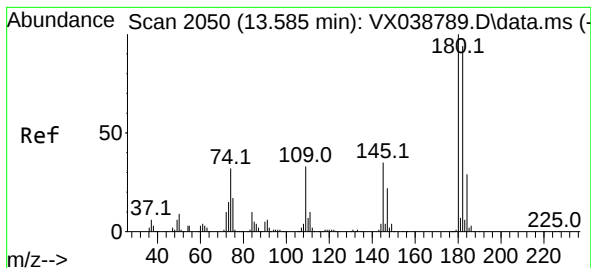


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.895 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX038868.D
Acq: 17 Nov 2023 09:56



Tgt Ion: 75 Resp: 49176
Ion Ratio Lower Upper
75 100
155 77.3 36.1 108.5
157 97.0 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 47.822 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX038868.D

Acq: 17 Nov 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

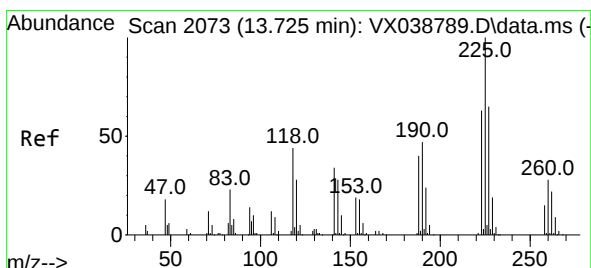
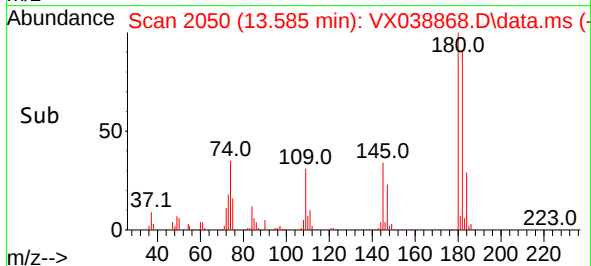
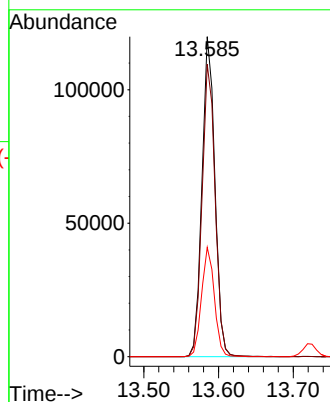
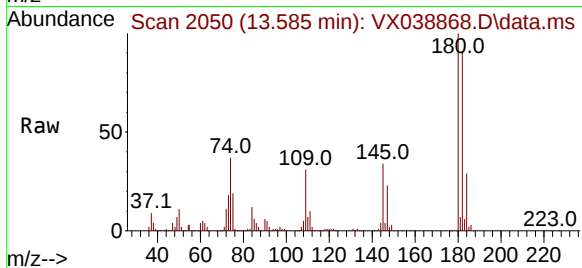
Tgt Ion:180	Resp: 14357
Ion Ratio	Lower Upper
180 100	
182 92.8	48.3 144.8
145 34.0	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#94

Hexachlorobutadiene

Concen: 48.306 ug/l

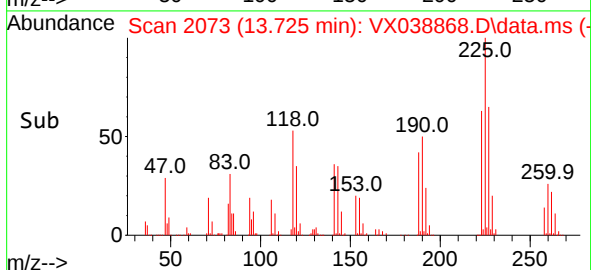
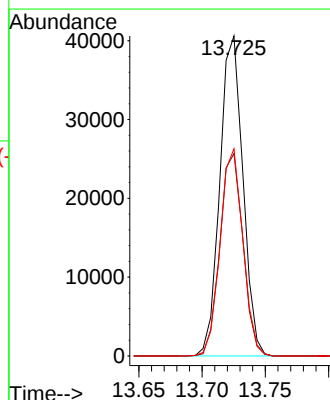
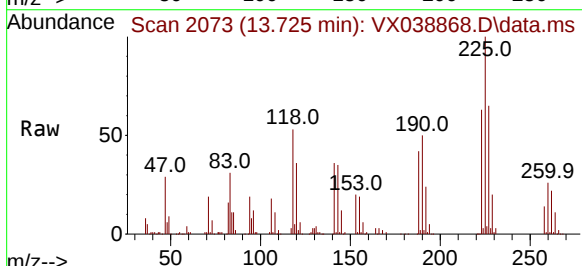
RT: 13.725 min Scan# 2073

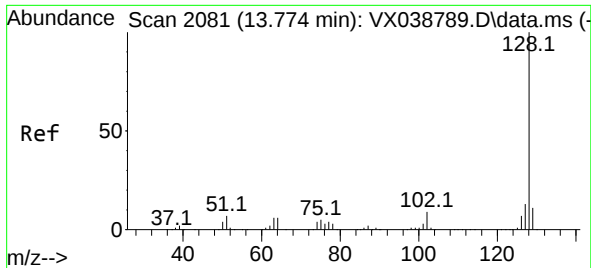
Delta R.T. 0.000 min

Lab File: VX038868.D

Acq: 17 Nov 2023 09:56

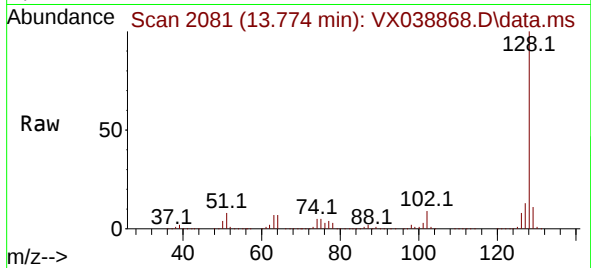
Tgt Ion:225	Resp: 51359
Ion Ratio	Lower Upper
225 100	
223 63.3	31.1 93.2
227 63.9	32.5 97.5





#95
Naphthalene
Concen: 46.598 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX038868.D
Acq: 17 Nov 2023 09:56

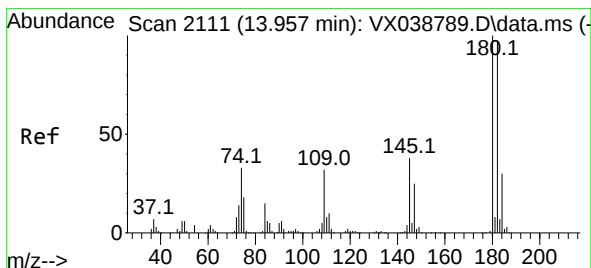
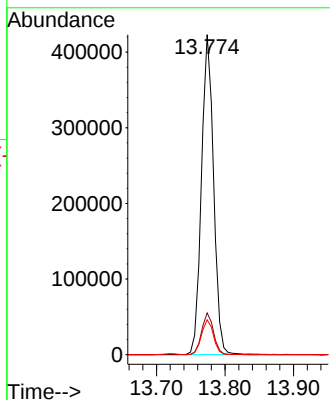
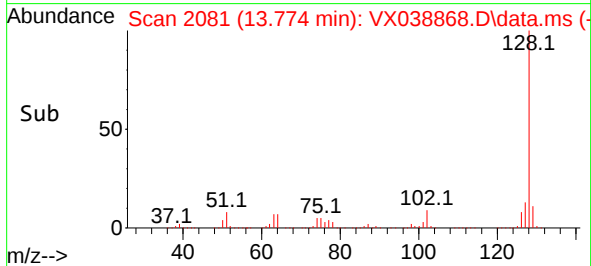
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



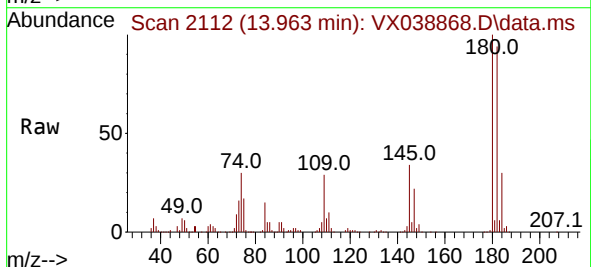
Tgt Ion:128 Resp: 521044
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#96
1,2,3-Trichlorobenzene
Concen: 47.912 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX038868.D
Acq: 17 Nov 2023 09:56



Tgt Ion:180 Resp: 136361
Ion Ratio Lower Upper
180 100
182 95.8 46.9 140.6
145 36.4 17.8 53.5

