

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111723\
 Data File : VX038894.D
 Acq On : 17 Nov 2023 22:30
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 18 01:35:25 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	135911	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	252441	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	234199	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	118203	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	112306	51.281	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.560%			
35) Dibromofluoromethane	5.379	113	91283	50.068	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.140%			
50) Toluene-d8	8.647	98	343798	49.286	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.580%			
62) 4-Bromofluorobenzene	11.079	95	135957	48.688	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.380%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	83621	52.730	ug/l	100
3) Chloromethane	1.294	50	95796	46.282	ug/l	96
4) Vinyl Chloride	1.374	62	100707	50.510	ug/l	100
5) Bromomethane	1.599	94	46164	56.000	ug/l	98
6) Chloroethane	1.678	64	61151	53.744	ug/l	98
7) Trichlorofluoromethane	1.880	101	133386	52.720	ug/l	97
8) Diethyl Ether	2.130	74	56510	51.281	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	79363	47.300	ug/l	98
10) Methyl Iodide	2.447	142	102443	50.164	ug/l	91
11) Tert butyl alcohol	2.959	59	171728	281.935	ug/l #	92
12) 1,1-Dichloroethene	2.312	96	80154	47.317	ug/l	90
13) Acrolein	2.233	56	81166	251.868	ug/l	99
14) Allyl chloride	2.660	41	162592	47.940	ug/l	92
15) Acrylonitrile	3.062	53	335370	260.575	ug/l	98
16) Acetone	2.379	43	282421	242.251	ug/l #	89
17) Carbon Disulfide	2.507	76	219849	41.898	ug/l	100
18) Methyl Acetate	2.696	43	291980	52.727	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	310450	52.106	ug/l	96
20) Methylene Chloride	2.788	84	97558	46.421	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	88853	47.538	ug/l	95
22) Diisopropyl ether	3.757	45	314598	50.563	ug/l	88
23) Vinyl Acetate	3.715	43	1133125	252.872	ug/l	100
24) 1,1-Dichloroethane	3.605	63	171244	49.217	ug/l	100
25) 2-Butanone	4.550	43	486584	257.379	ug/l	95
26) 2,2-Dichloropropane	4.471	77	128061	42.432	ug/l	94
27) cis-1,2-Dichloroethene	4.483	96	107449	49.318	ug/l	94
28) Bromochloromethane	4.891	49	87568	52.420	ug/l	99
29) Tetrahydrofuran	4.995	42	322475	268.643	ug/l	97
30) Chloroform	5.086	83	170498	50.184	ug/l	98
31) Cyclohexane	5.464	56	143197	45.797	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	146552	49.801	ug/l	99
36) 1,1-Dichloropropene	5.690	75	124277	47.560	ug/l	98
37) Ethyl Acetate	4.708	43	177568	52.158	ug/l	98
38) Carbon Tetrachloride	5.672	117	123075	50.962	ug/l	99
39) Methylcyclohexane	7.379	83	153128	44.926	ug/l	98
40) Benzene	6.037	78	376614	48.730	ug/l	98

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 Supervised By : Mahesh Dadoda 11/20/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	93096	52.725	ug/l	92
42) 1,2-Dichloroethane	6.080	62	134673	52.594	ug/l	97
43) Isopropyl Acetate	6.336	43	281150	51.675	ug/l	98
44) Trichloroethene	7.123	130	93870	49.899	ug/l	98
45) 1,2-Dichloropropane	7.427	63	103973	49.991	ug/l	100
46) Dibromomethane	7.580	93	71982	51.898	ug/l	98
47) Bromodichloromethane	7.818	83	139302	50.603	ug/l	98
48) Methyl methacrylate	7.689	41	131056	49.646	ug/l	94
49) 1,4-Dioxane	7.653	88	61686	1207.867	ug/l #	93
51) 4-Methyl-2-Pentanone	8.573	43	932260	268.127	ug/l	99
52) Toluene	8.714	92	234358	48.865	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	160121	48.946	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	166628	49.310	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	100261	50.101	ug/l	95
56) Ethyl methacrylate	9.116	69	175315	51.778	ug/l	95
57) 1,3-Dichloropropane	9.305	76	169236	51.135	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	421620	267.306	ug/l	96
59) 2-Hexanone	9.427	43	741625	266.115	ug/l	96
60) Dibromochloromethane	9.518	129	106321	52.252	ug/l	100
61) 1,2-Dibromoethane	9.610	107	108636	51.734	ug/l	99
64) Tetrachloroethene	9.275	164	73163	50.258	ug/l	97
65) Chlorobenzene	10.079	112	247391	49.038	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	92921	51.204	ug/l	99
67) Ethyl Benzene	10.195	91	458905	49.511	ug/l	100
68) m/p-Xylenes	10.299	106	346351	98.784	ug/l	99
69) o-Xylene	10.640	106	172445	49.706	ug/l	99
70) Styrene	10.652	104	289295	49.375	ug/l	98
71) Bromoform	10.799	173	79056	52.257	ug/l #	99
73) Isopropylbenzene	10.963	105	444921	48.310	ug/l	99
74) N-amyl acetate	10.841	43	244736	50.270	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	176531	49.103	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	149515m	50.698	ug/l	
77) Bromobenzene	11.195	156	102202	49.387	ug/l	99
78) n-propylbenzene	11.305	91	548203	48.359	ug/l	98
79) 2-Chlorotoluene	11.366	91	319870	47.546	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	382442	49.388	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	62396	46.929	ug/l #	80
82) 4-Chlorotoluene	11.457	91	374900	48.329	ug/l	99
83) tert-Butylbenzene	11.713	119	368682	48.343	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	386213	49.276	ug/l	100
85) sec-Butylbenzene	11.890	105	492021	49.322	ug/l	99
86) p-Isopropyltoluene	12.006	119	391263	48.859	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	197306	48.689	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	198147	47.774	ug/l	98
89) n-Butylbenzene	12.335	91	387102	47.911	ug/l	97
90) Hexachloroethane	12.536	117	77886	48.704	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	193153	50.254	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	45311	51.442	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	126877	49.261	ug/l	98
94) Hexachlorobutadiene	13.725	225	44220	48.482	ug/l	99
95) Naphthalene	13.774	128	480523	50.093	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	123347	50.520	ug/l	100

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VSTDCCC050

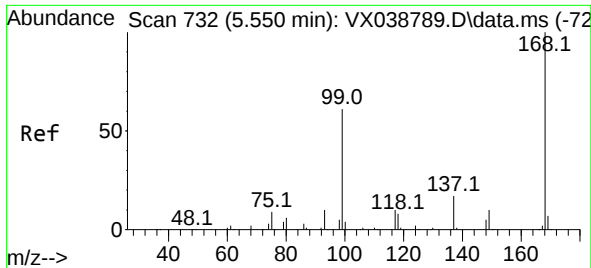
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 11/20/2023

Quant Time: Nov 18 01:35:25 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

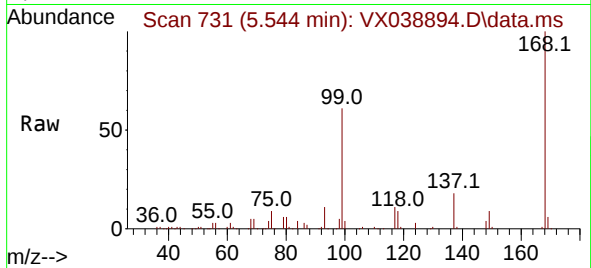
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
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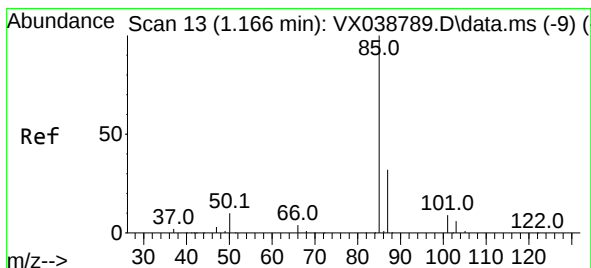
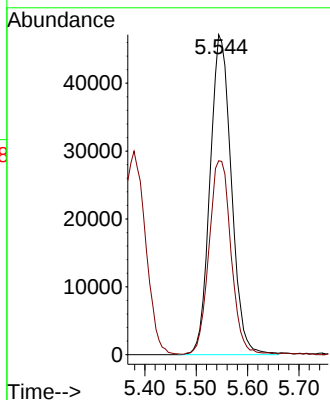
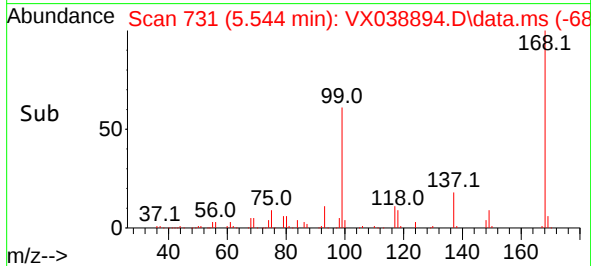
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 13591
Ion Ratio Lower Upper
168 100
99 60.3 56.6 85.0

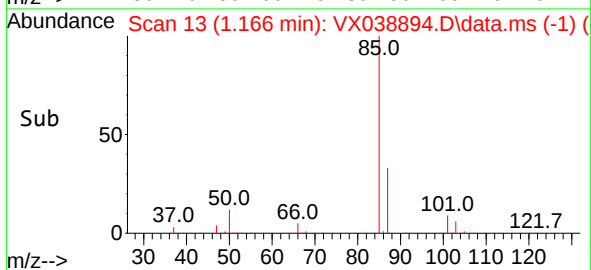
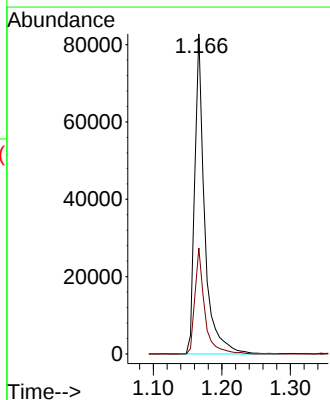
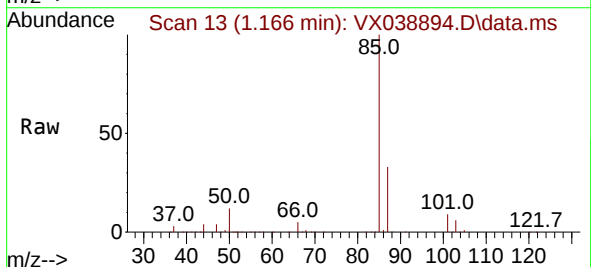
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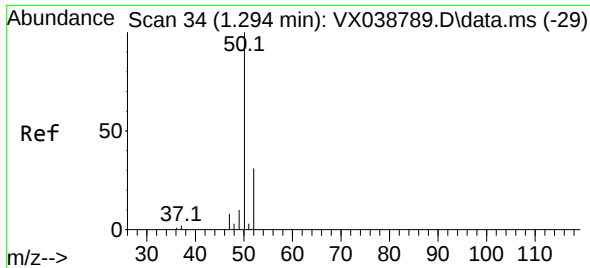
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#2
Dichlorodifluoromethane
Concen: 52.730 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038894.D
Acq: 17 Nov 2023 22:30

Tgt Ion: 85 Resp: 83621
Ion Ratio Lower Upper
85 100
87 33.1 16.7 50.1





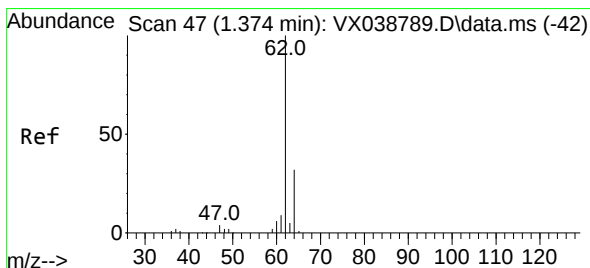
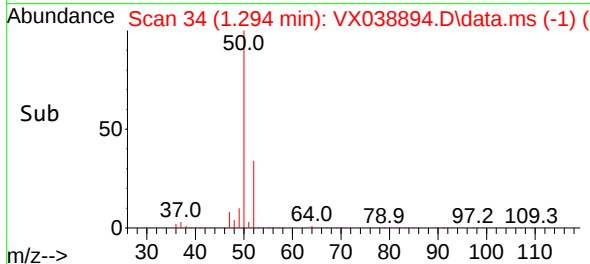
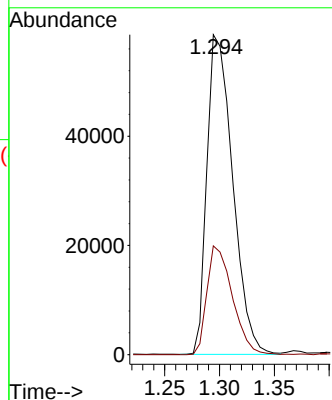
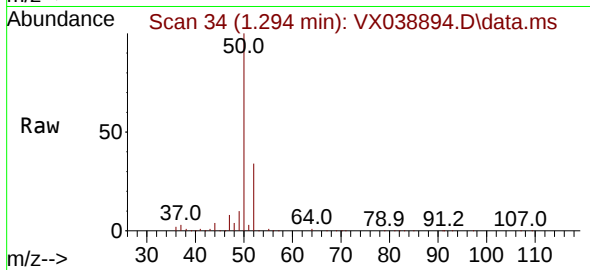
#3
Chloromethane
Concen: 46.282 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX038894.D
Acq: 17 Nov 2023 22:30

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 50 Resp: 95790
Ion Ratio Lower Upper
50 100
52 34.1 25.5 38.3

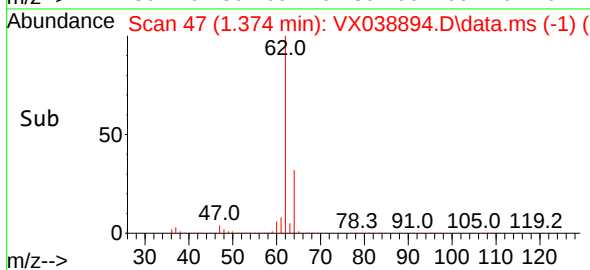
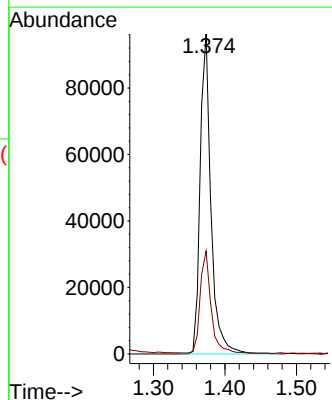
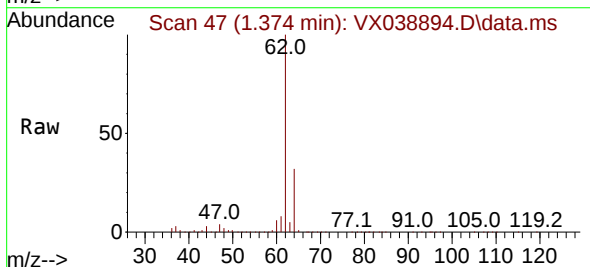
Manual Integrations
APPROVED

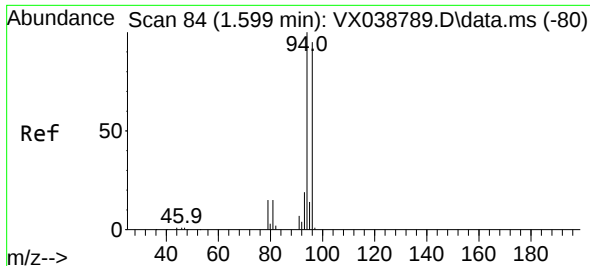
Reviewed By :John Carlone 11/18/2023
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#4
Vinyl Chloride
Concen: 50.510 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038894.D
Acq: 17 Nov 2023 22:30

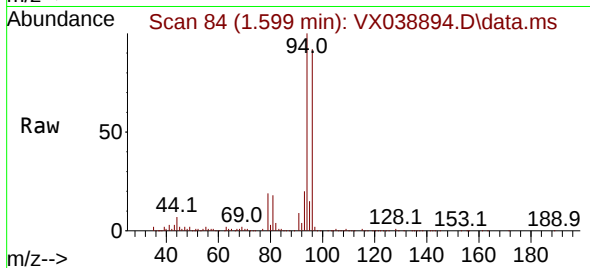
Tgt Ion: 62 Resp: 100707
Ion Ratio Lower Upper
62 100
64 31.9 25.4 38.0





#5
Bromomethane
Concen: 56.000 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX038894.D
Acq: 17 Nov 2023 22:30

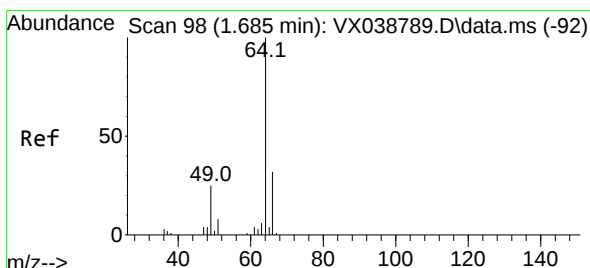
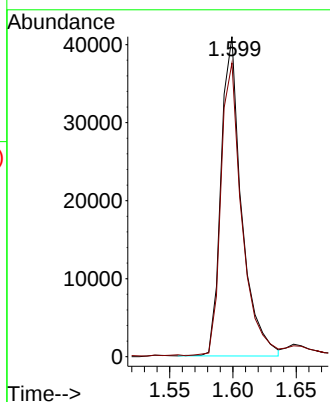
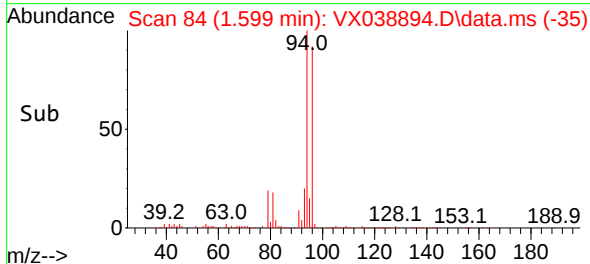
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Tgt Ion: 94 Resp: 46164
Ion Ratio Lower Upper
94 100
96 91.4 74.6 111.8

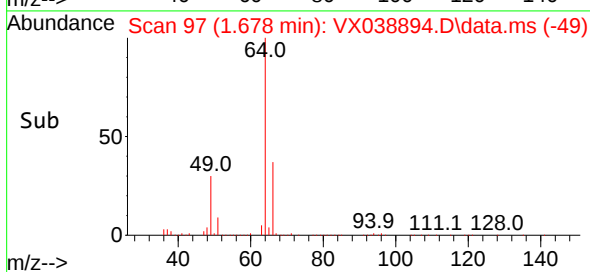
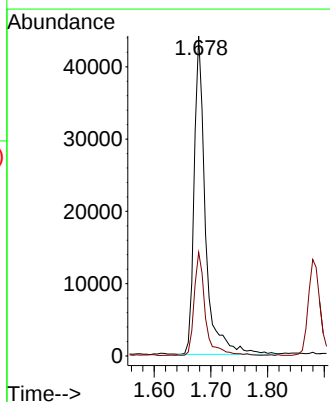
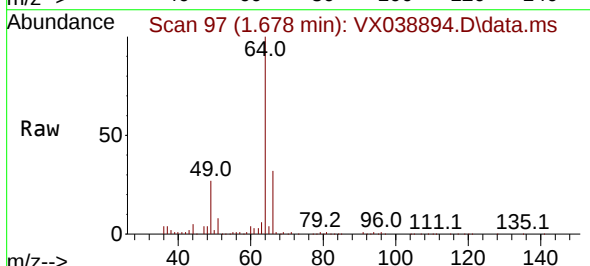
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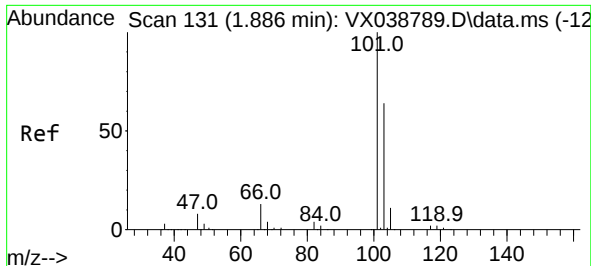
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#6
Chloroethane
Concen: 53.744 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.007 min
Lab File: VX038894.D
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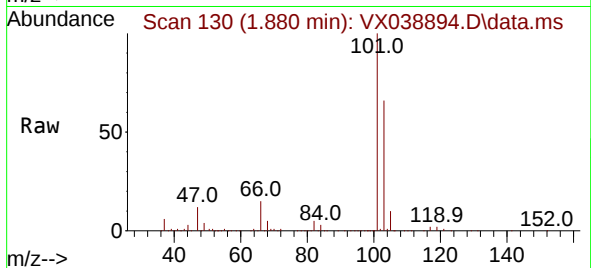
Tgt Ion: 64 Resp: 61151
Ion Ratio Lower Upper
64 100
66 32.3 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 52.720 ug/l
 RT: 1.880 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX038894.D
 Acq: 17 Nov 2023 22:30

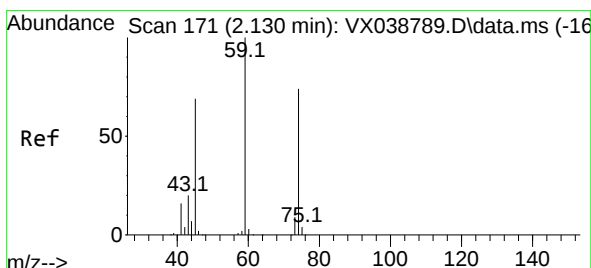
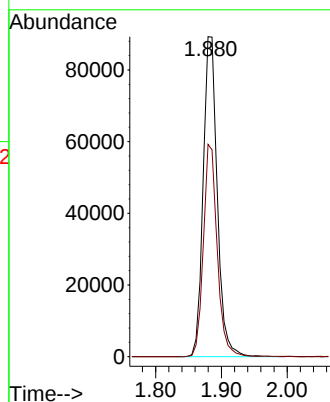
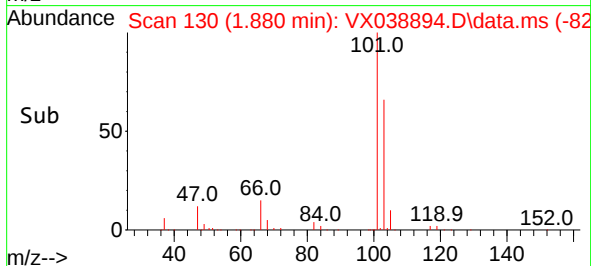
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion:101 Resp: 133380
 Ion Ratio Lower Upper
 101 100
 103 66.4 51.4 77.2

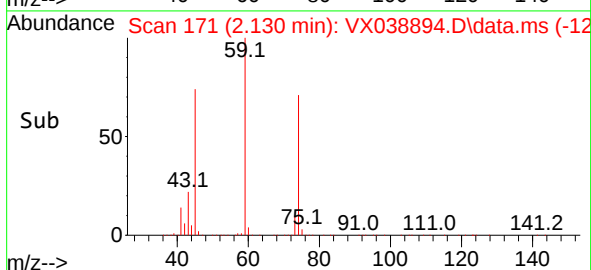
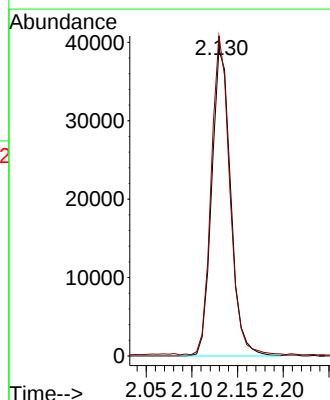
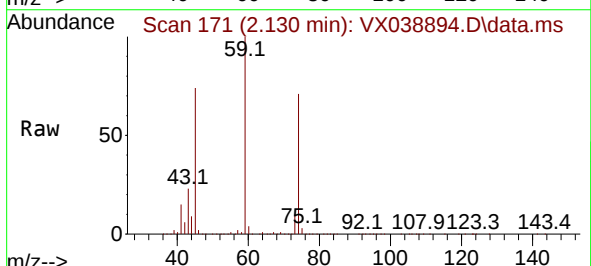
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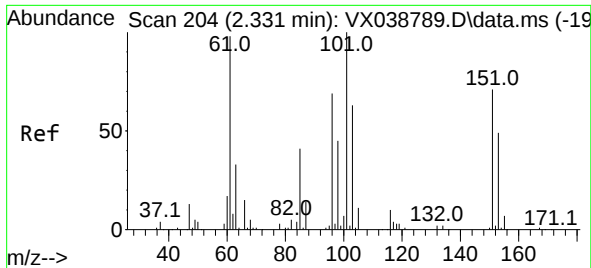
Reviewed By :John Carlone 11/18/2023
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#8
 Diethyl Ether
 Concen: 51.281 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VX038894.D
 Acq: 17 Nov 2023 22:30

Tgt Ion: 74 Resp: 56510
 Ion Ratio Lower Upper
 74 100
 45 102.0 53.3 159.8





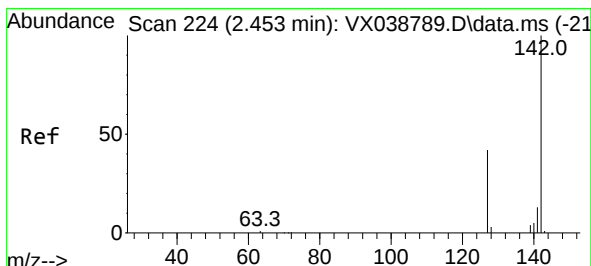
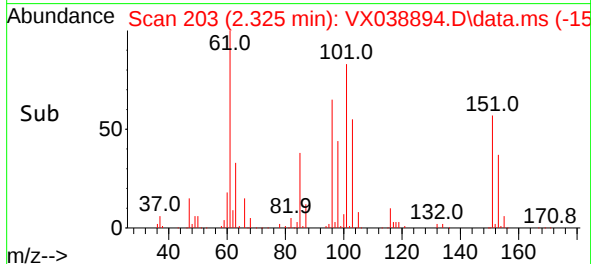
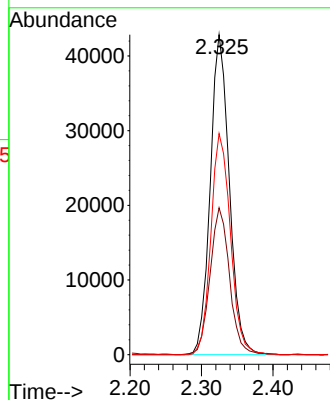
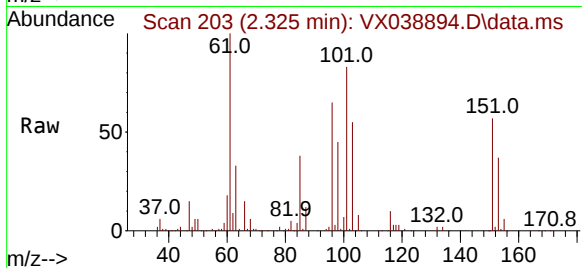
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.300 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX038894.D
Acq: 17 Nov 2023 22:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 7936
Ion Ratio Lower Upper
101 100
85 47.1 37.0 55.6
151 71.0 58.6 87.8

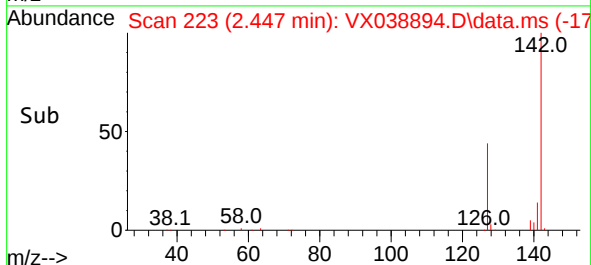
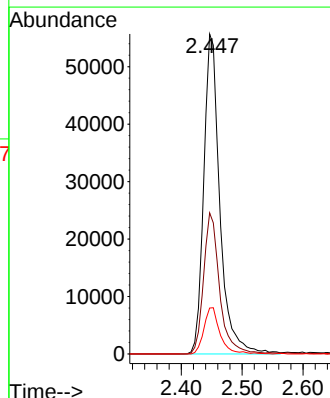
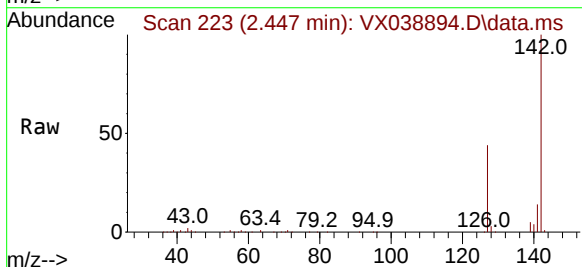
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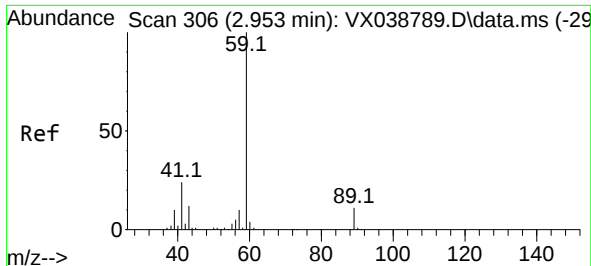
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#10
Methyl Iodide
Concen: 50.164 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX038894.D
Acq: 17 Nov 2023 22:30

Tgt Ion:142 Resp: 102443
Ion Ratio Lower Upper
142 100
127 43.7 41.6 62.4
141 14.4 11.6 17.4





#11

Tert butyl alcohol

Concen: 281.935 ug/l

RT: 2.959 min Scan# 306

Delta R.T. 0.006 min

Lab File: VX038894.D

Acq: 17 Nov 2023 22:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 171728

Ion Ratio Lower Upper

59 100

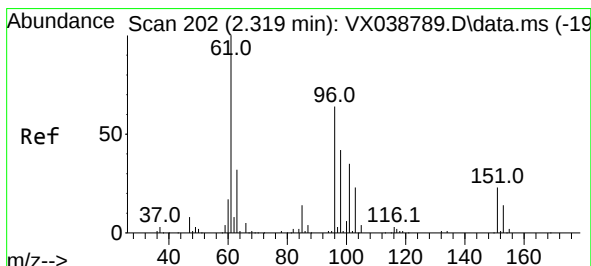
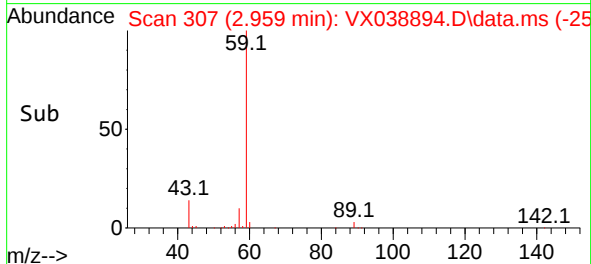
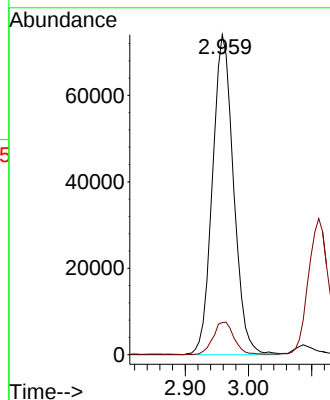
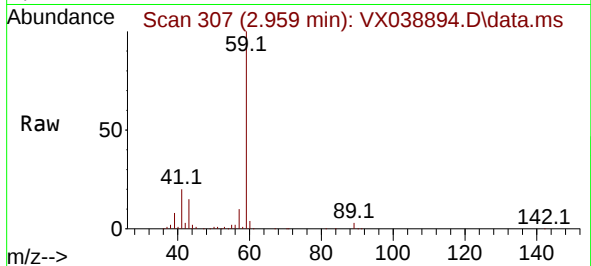
57 10.2 6.0 9.0

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Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#12

1,1-Dichloroethene

Concen: 47.317 ug/l

RT: 2.312 min Scan# 201

Delta R.T. -0.006 min

Lab File: VX038894.D

Acq: 17 Nov 2023 22:30

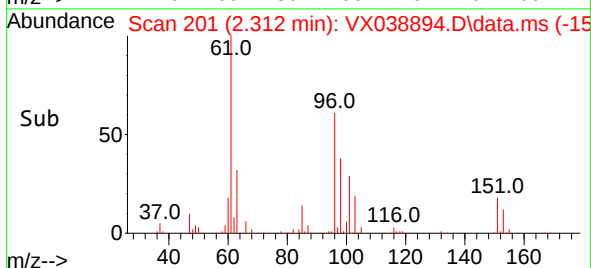
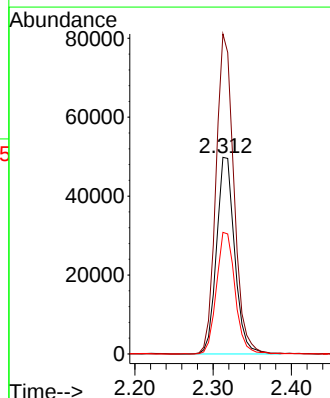
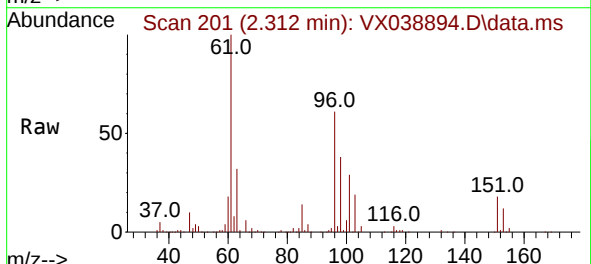
Tgt Ion: 96 Resp: 80154

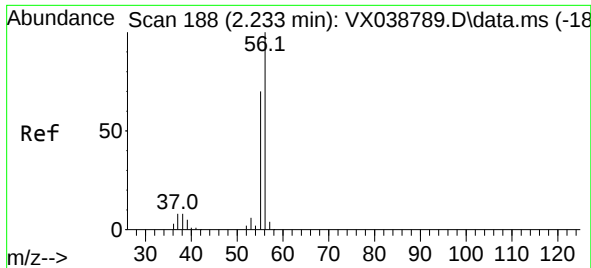
Ion Ratio Lower Upper

96 100

61 162.8 144.6 216.8

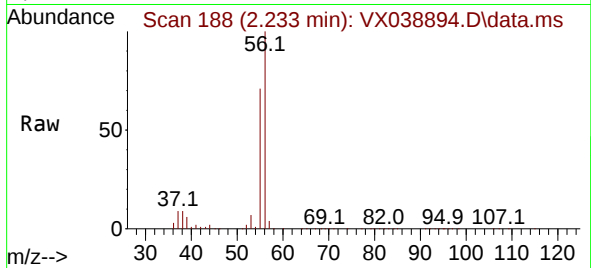
98 61.8 50.4 75.6





#13
Acrolein
Concen: 251.868 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038894.D
Acq: 17 Nov 2023 22:30

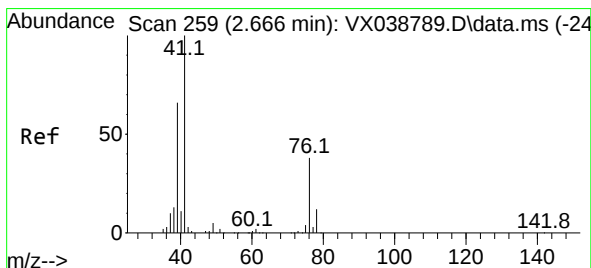
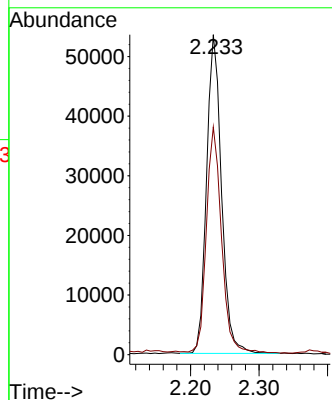
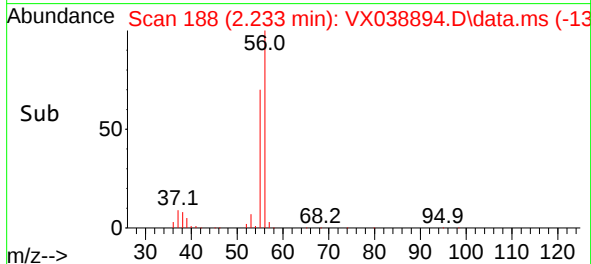
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 81160
Ion Ratio Lower Upper
56 100
55 72.1 57.1 85.7

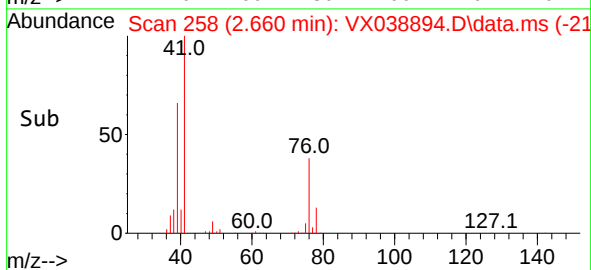
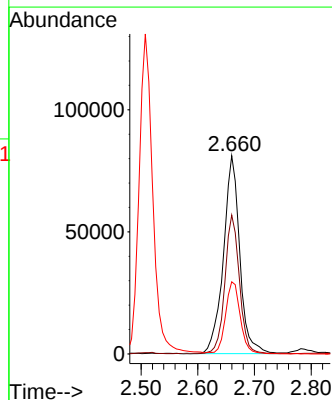
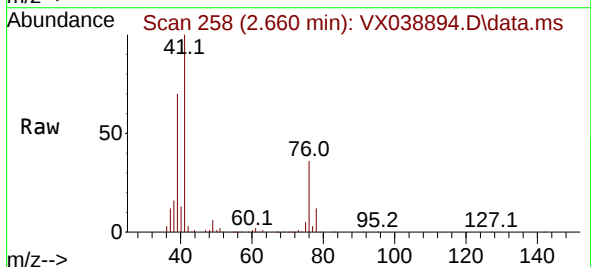
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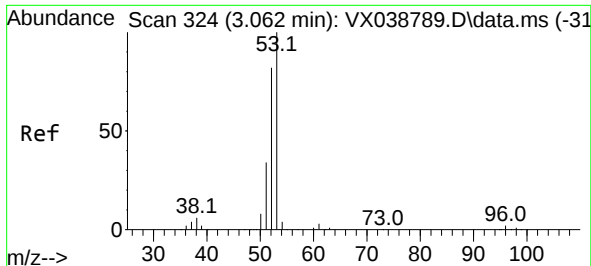
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#14
Allyl chloride
Concen: 47.940 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX038894.D
Acq: 17 Nov 2023 22:30

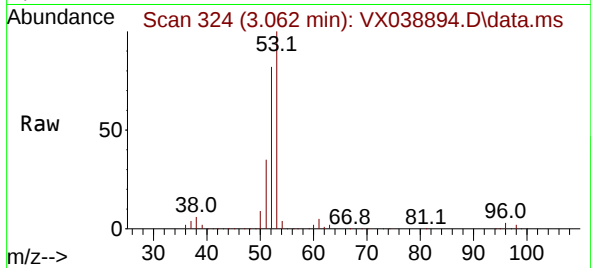
Tgt Ion: 41 Resp: 162592
Ion Ratio Lower Upper
41 100
39 62.3 55.8 83.6
76 32.9 24.3 36.5





#15
Acrylonitrile
Concen: 260.575 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX038894.D
Acq: 17 Nov 2023 22:30

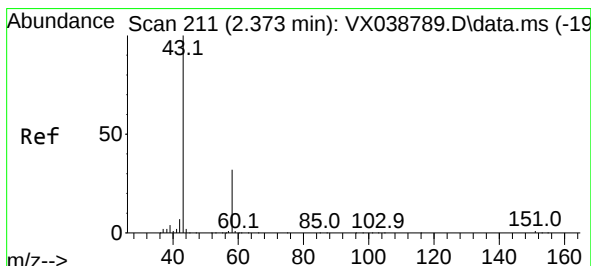
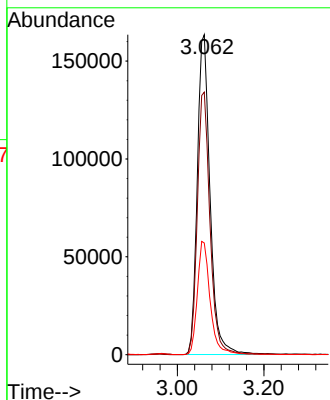
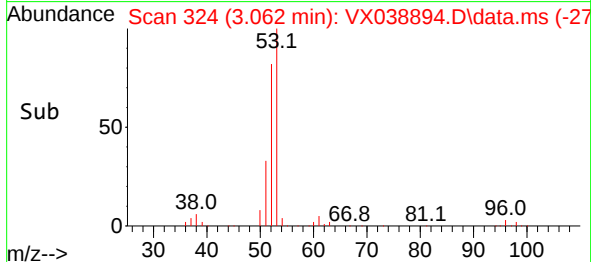
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



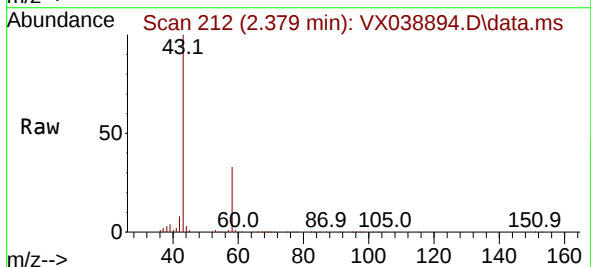
Tgt Ion: 53 Resp: 335370
Ion Ratio Lower Upper
53 100
52 81.2 66.0 99.0
51 35.4 29.8 44.6

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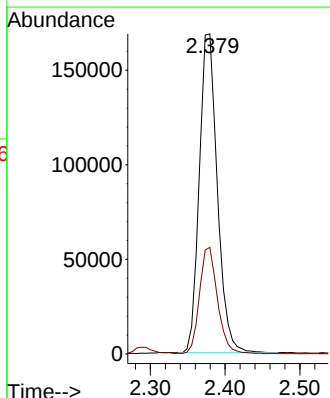
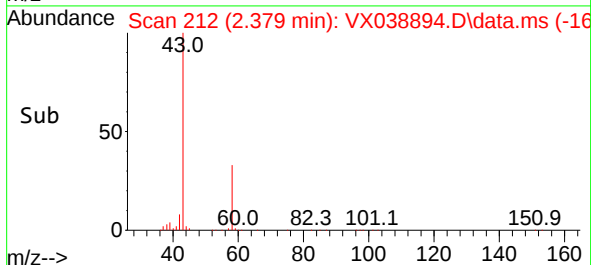
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

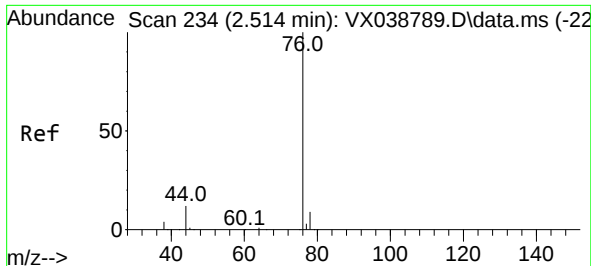


#16
Acetone
Concen: 242.251 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX038894.D
Acq: 17 Nov 2023 22:30



Tgt Ion: 43 Resp: 282421
Ion Ratio Lower Upper
43 100
58 33.3 21.9 32.9#





#17

Carbon Disulfide

Concen: 41.898 ug/l

RT: 2.507 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX038894.D

Acq: 17 Nov 2023 22:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 219849

Ion Ratio Lower Upper

76 100

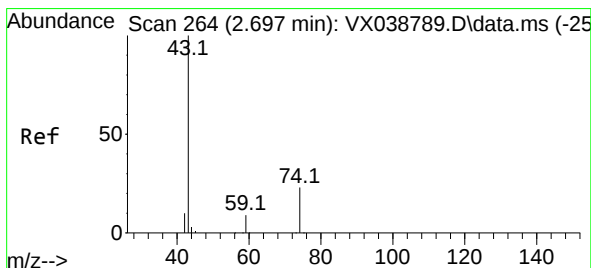
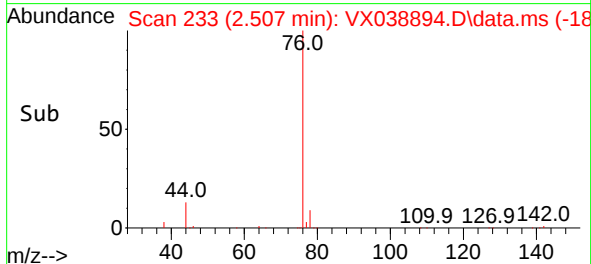
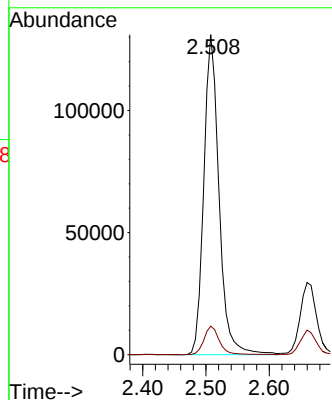
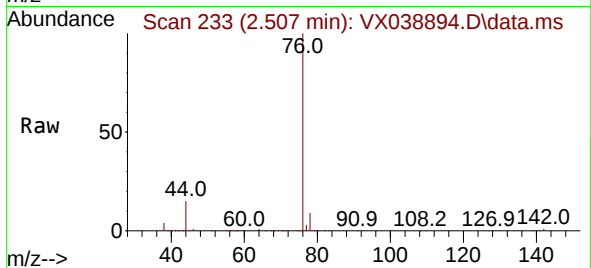
78 8.9 7.0 10.6

Manual Integrations

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Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#18

Methyl Acetate

Concen: 52.727 ug/l

RT: 2.696 min Scan# 264

Delta R.T. -0.000 min

Lab File: VX038894.D

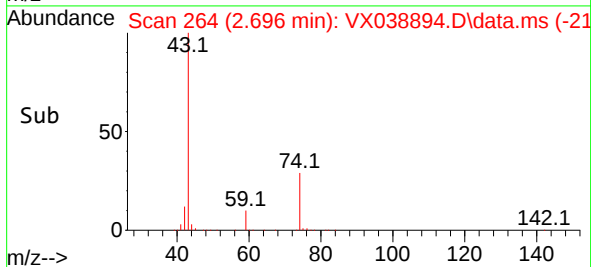
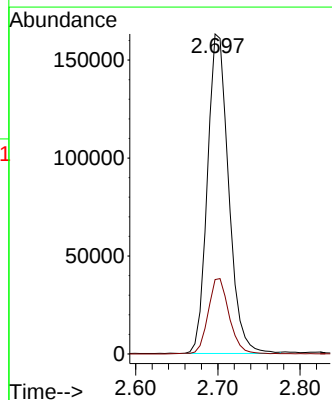
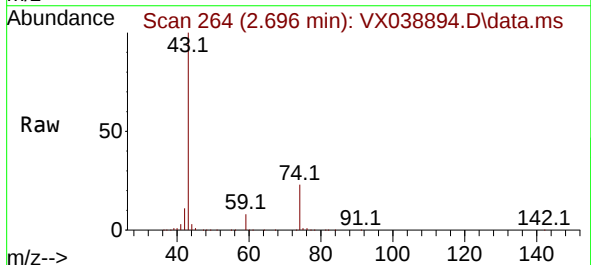
Acq: 17 Nov 2023 22:30

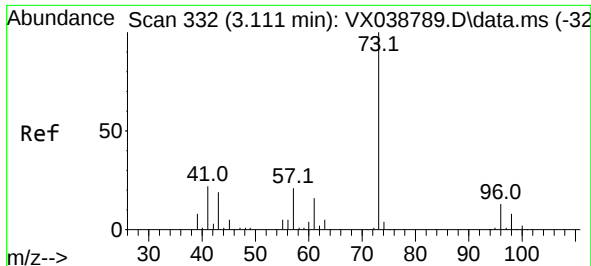
Tgt Ion: 43 Resp: 291980

Ion Ratio Lower Upper

43 100

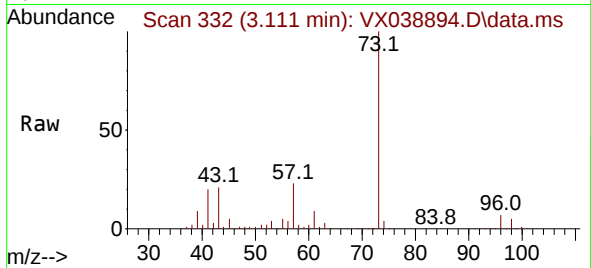
74 23.5 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 52.106 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX038894.D
Acq: 17 Nov 2023 22:30

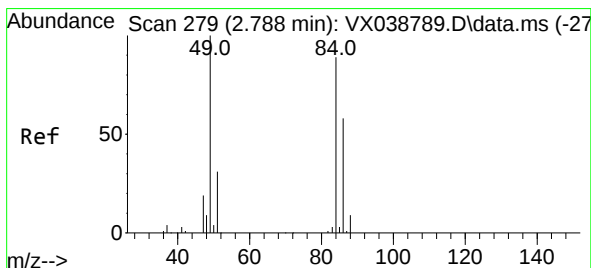
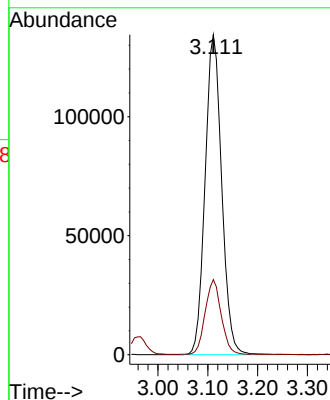
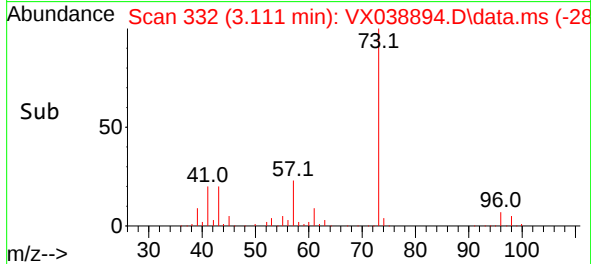
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 310450
Ion Ratio Lower Upper
73 100
57 23.3 17.3 25.9

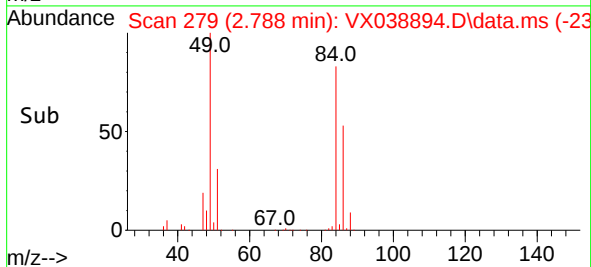
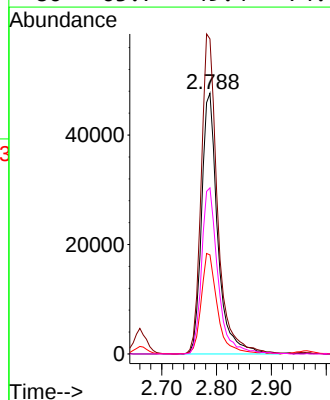
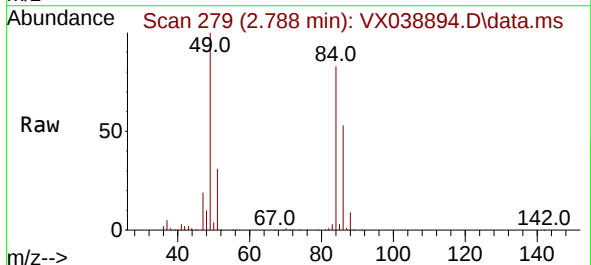
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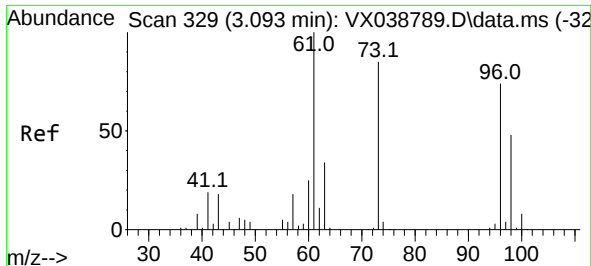
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#20
Methylene Chloride
Concen: 46.421 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX038894.D
Acq: 17 Nov 2023 22:30

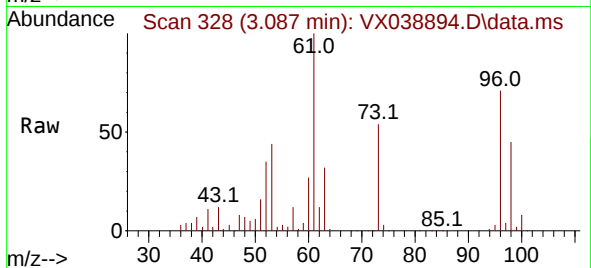
Tgt Ion: 84 Resp: 97558
Ion Ratio Lower Upper
84 100
49 120.8 103.6 155.4
51 38.0 33.8 50.6
86 63.7 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 47.538 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX038894.D
Acq: 17 Nov 2023 22:30

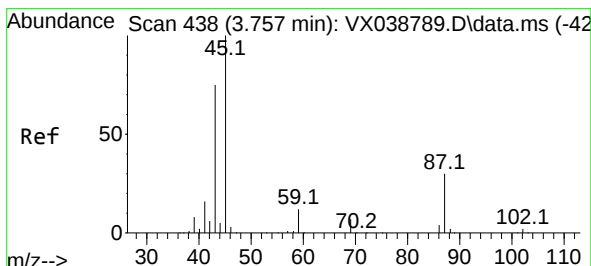
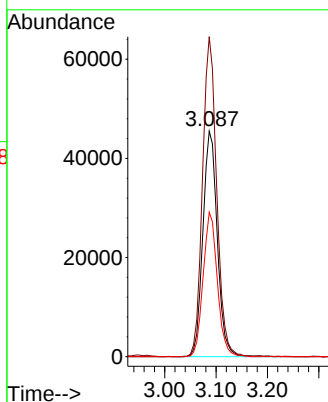
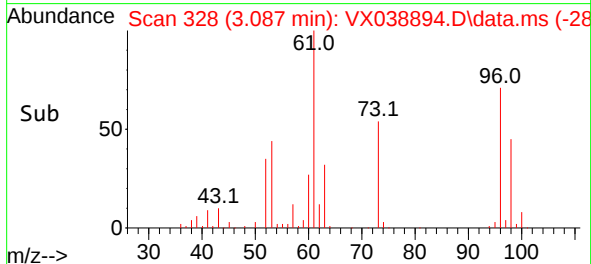
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



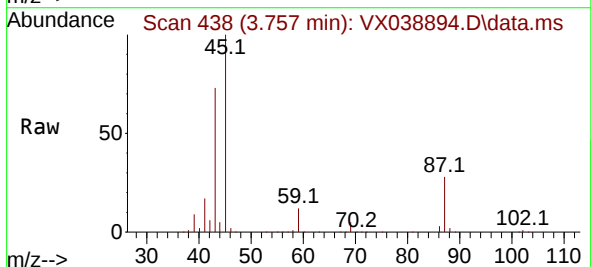
Tgt Ion: 96 Resp: 8885
Ion Ratio Lower Upper
96 100
61 141.8 119.2 178.8
98 64.0 48.7 73.1

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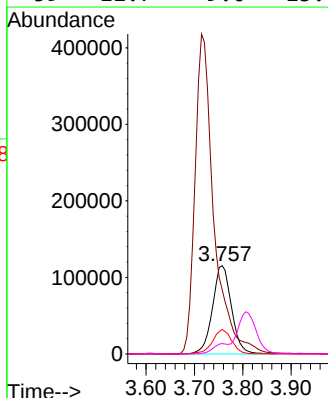
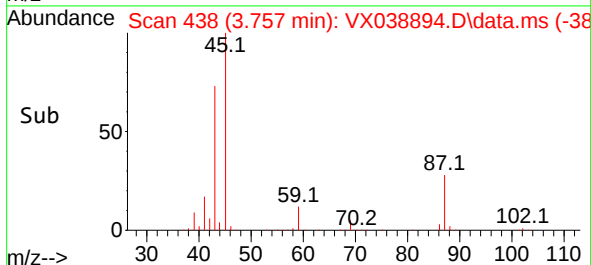
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

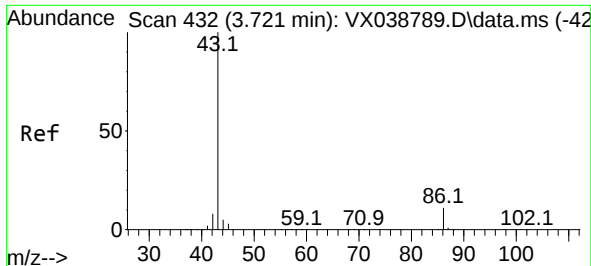


#22
Diisopropyl ether
Concen: 50.563 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX038894.D
Acq: 17 Nov 2023 22:30



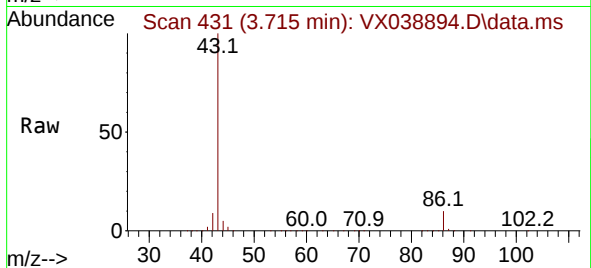
Tgt Ion: 45 Resp: 314598
Ion Ratio Lower Upper
45 100
43 72.5 69.7 104.5
87 27.7 20.8 31.2
59 11.7 9.0 13.4





#23
 Vinyl Acetate
 Concen: 252.872 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX038894.D
 Acq: 17 Nov 2023 22:30

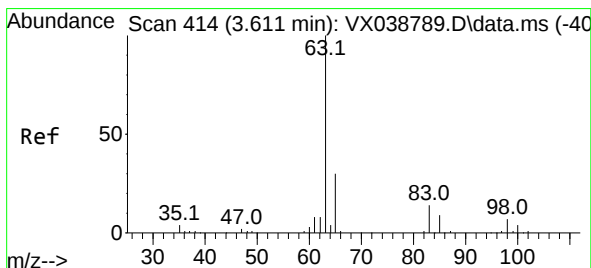
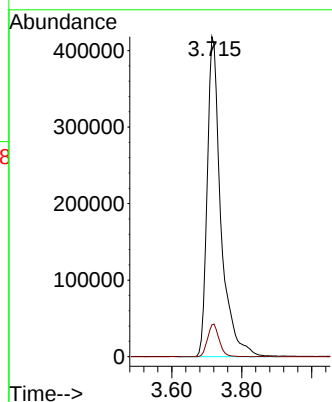
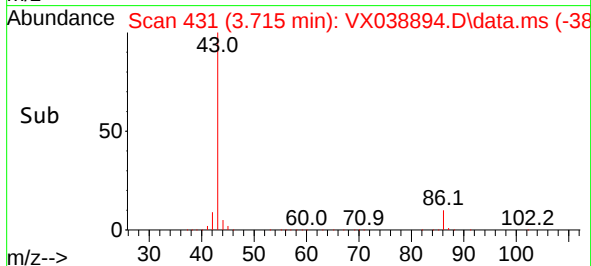
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



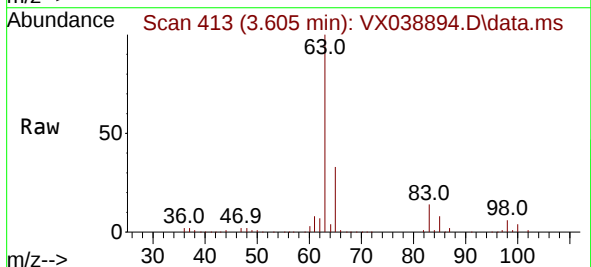
Tgt Ion: 43 Resp: 113312
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.8 11.8

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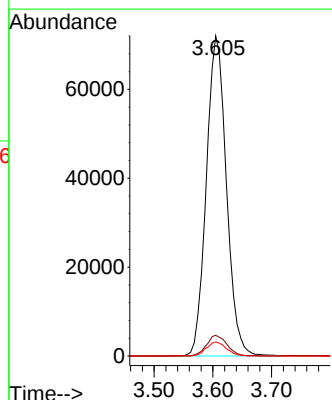
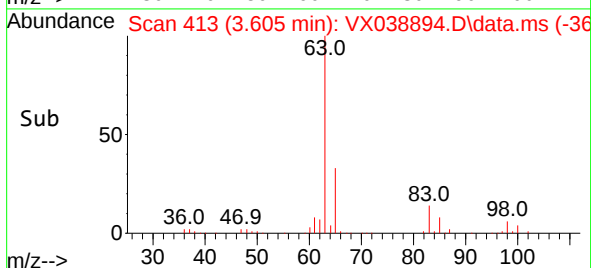
Reviewed By :John Carlone 11/18/2023
 Supervised By :Mahesh Dadoda 11/20/2023

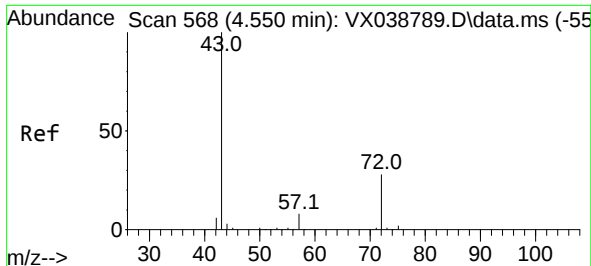


#24
 1,1-Dichloroethane
 Concen: 49.217 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX038894.D
 Acq: 17 Nov 2023 22:30



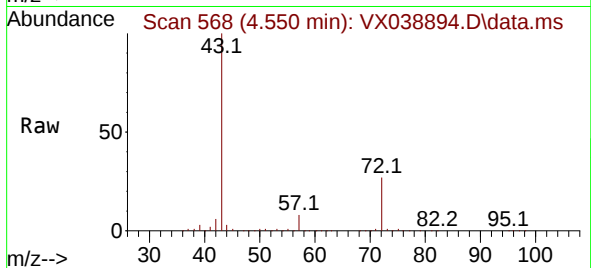
Tgt Ion: 63 Resp: 171244
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.8
 100 4.3 2.1 6.5





#25
2-Butanone
Concen: 257.379 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.000 min
Lab File: VX038894.D
Acq: 17 Nov 2023 22:30

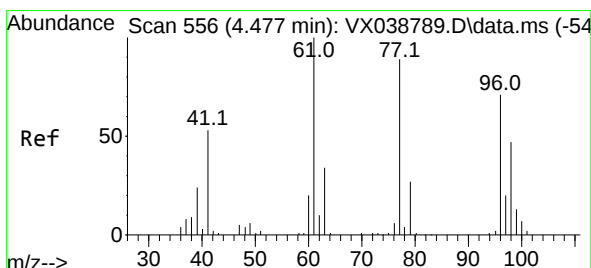
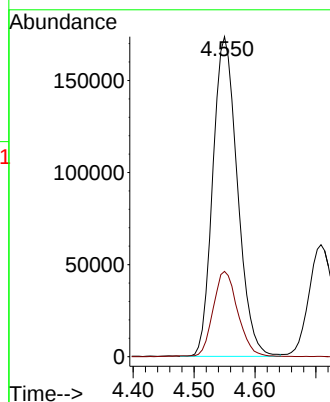
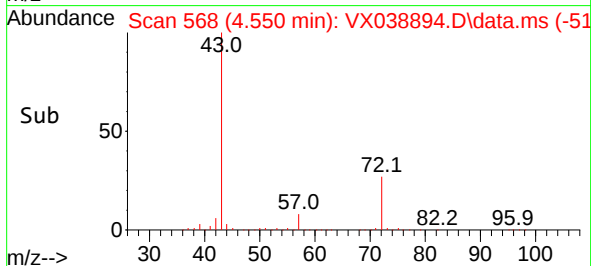
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 486584
Ion Ratio Lower Upper
43 100
72 26.6 19.4 29.2

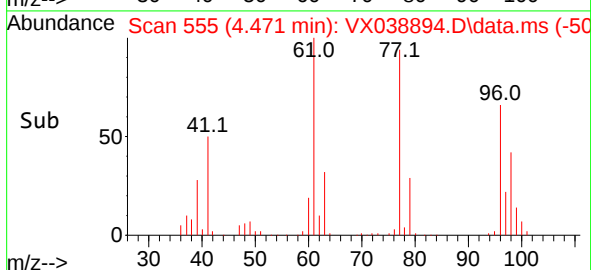
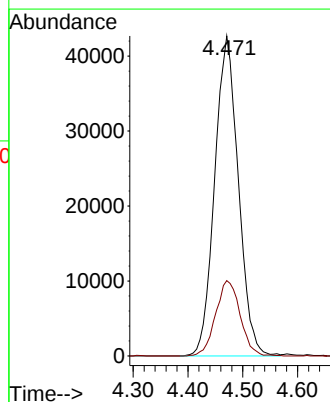
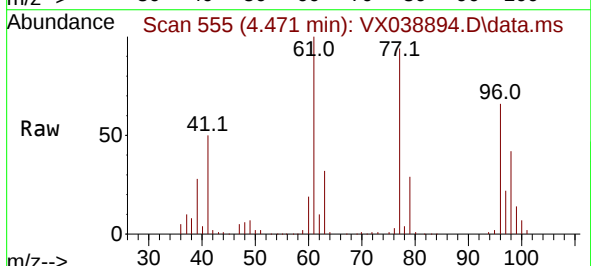
Manual Integrations
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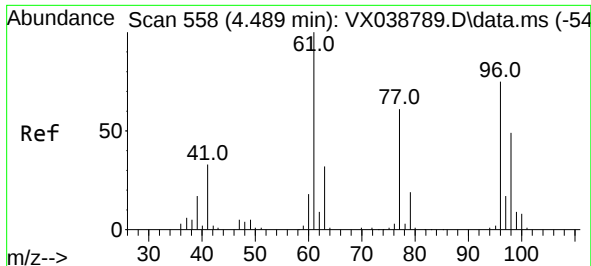
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#26
2,2-Dichloropropane
Concen: 42.432 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX038894.D
Acq: 17 Nov 2023 22:30

Tgt Ion: 77 Resp: 128061
Ion Ratio Lower Upper
77 100
97 24.4 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 49.318 ug/l

RT: 4.483 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX038894.D

Acq: 17 Nov 2023 22:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 107449

Ion Ratio Lower Upper

96 100

61 144.5 0.0 312.2

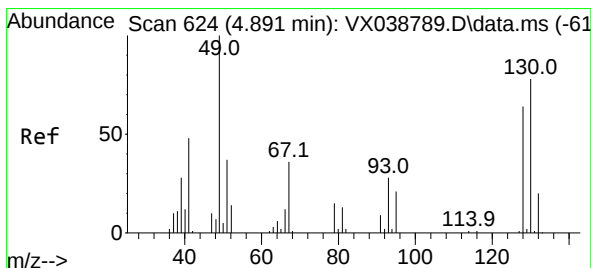
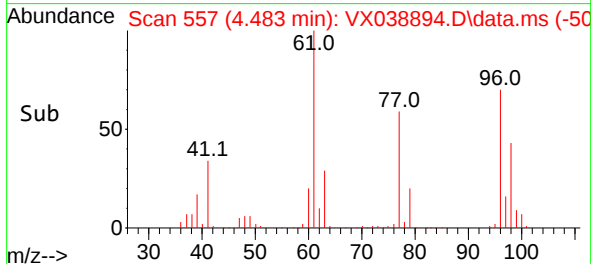
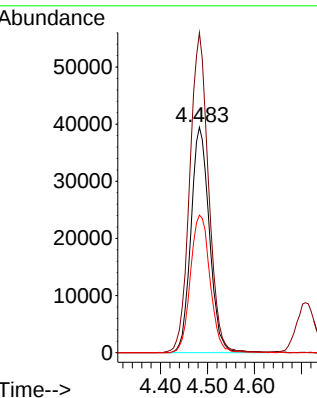
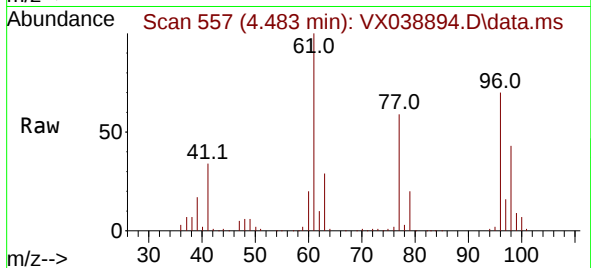
98 64.7 0.0 129.0

Manual Integrations

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Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#28

Bromochloromethane

Concen: 52.420 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.000 min

Lab File: VX038894.D

Acq: 17 Nov 2023 22:30

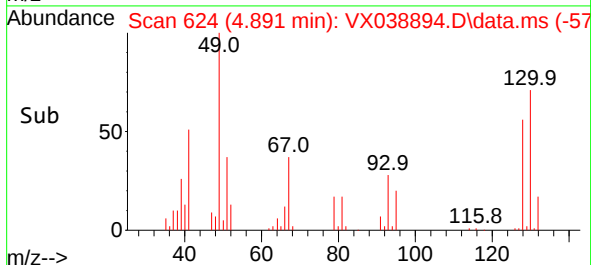
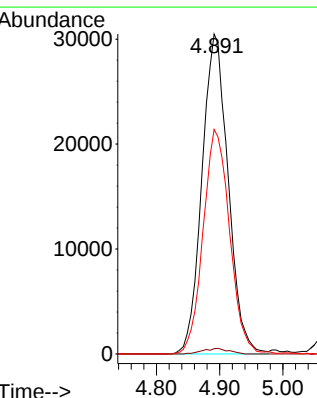
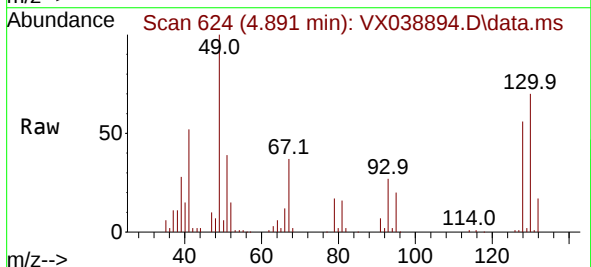
Tgt Ion: 49 Resp: 87568

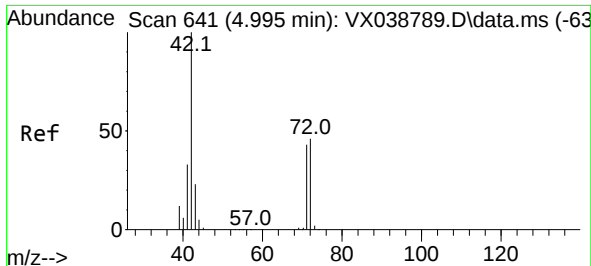
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.8

130 71.0 57.5 86.3





#29

Tetrahydrofuran

Concen: 268.643 ug/l

RT: 4.995 min Scan# 641

Delta R.T. -0.000 min

Lab File: VX038894.D

Acq: 17 Nov 2023 22:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 322475

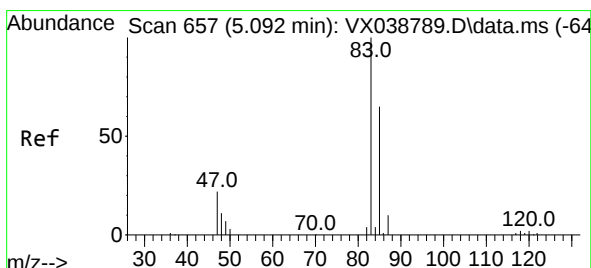
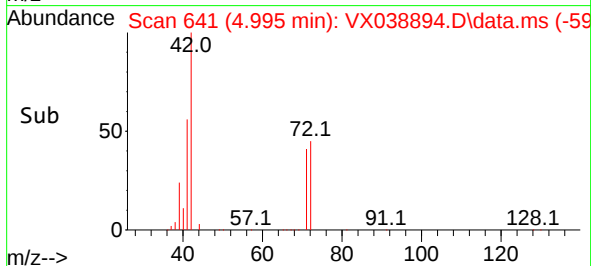
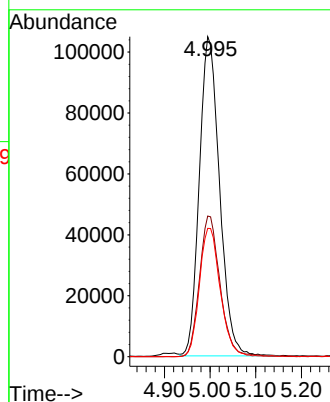
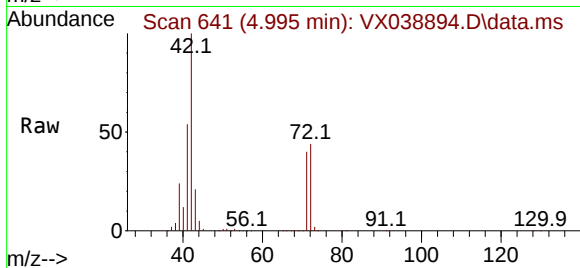
Ion	Ratio	Lower	Upper
42	100		
72	44.8	34.2	51.4
71	41.5	32.2	48.2

Manual Integrations

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Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#30

Chloroform

Concen: 50.184 ug/l

RT: 5.086 min Scan# 656

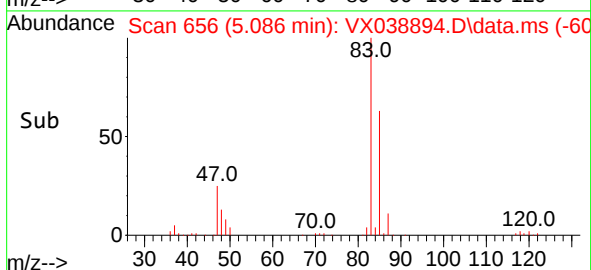
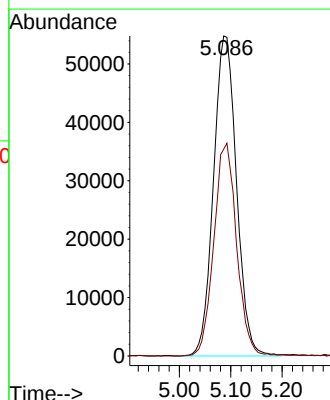
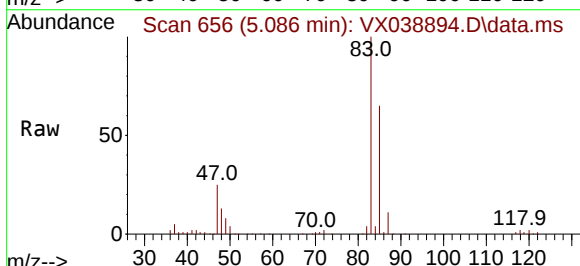
Delta R.T. -0.006 min

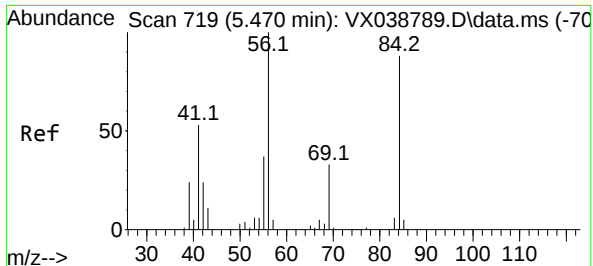
Lab File: VX038894.D

Acq: 17 Nov 2023 22:30

Tgt Ion: 83 Resp: 170498

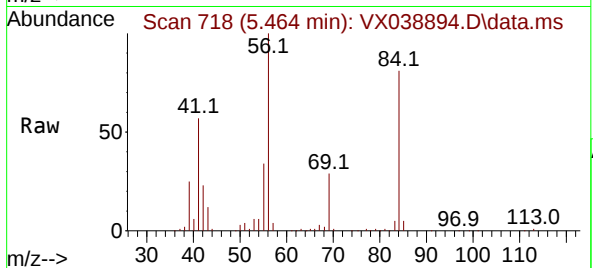
Ion	Ratio	Lower	Upper
83	100		
85	64.7	50.3	75.5





#31
Cyclohexane
Concen: 45.797 ug/l
RT: 5.464 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX038894.D
Acq: 17 Nov 2023 22:30

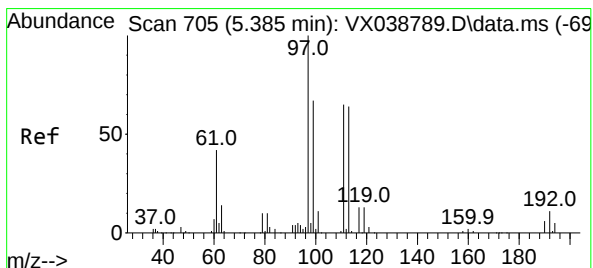
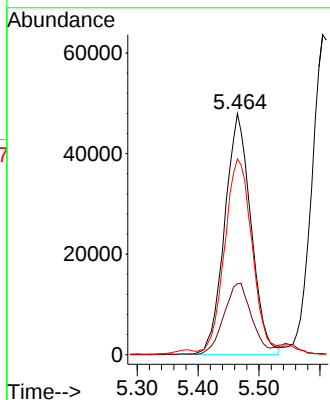
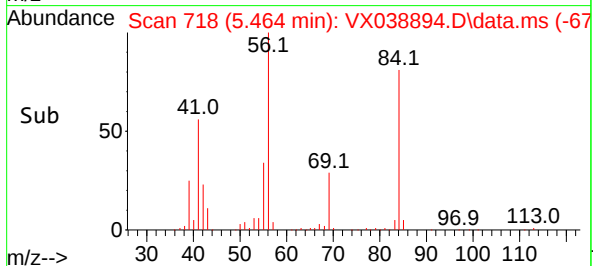
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 143197
Ion Ratio Lower Upper
56 100
69 29.3 23.4 35.2
84 80.0 65.9 98.9

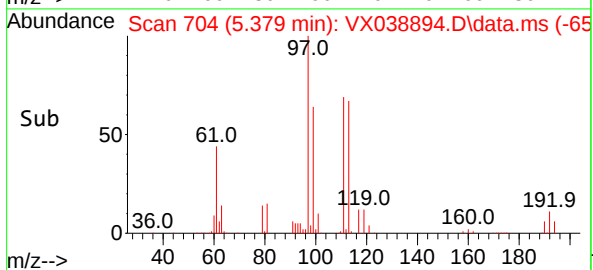
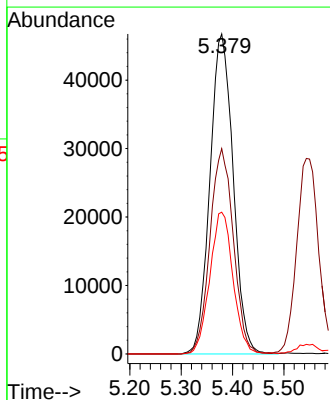
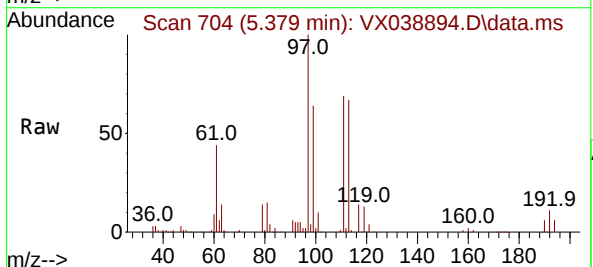
Manual Integrations
APPROVED

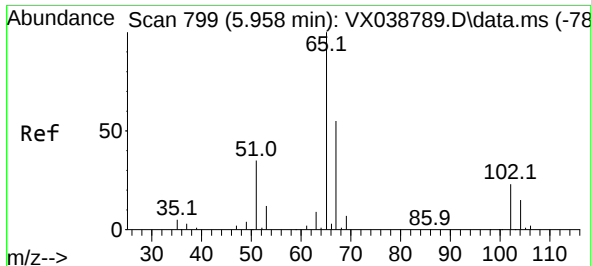
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#32
1,1,1-Trichloroethane
Concen: 49.801 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX038894.D
Acq: 17 Nov 2023 22:30

Tgt Ion: 97 Resp: 146552
Ion Ratio Lower Upper
97 100
99 64.8 51.1 76.7
61 44.5 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 51.281 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038894.D

Acq: 17 Nov 2023 22:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 112300

Ion Ratio Lower Upper

65 100

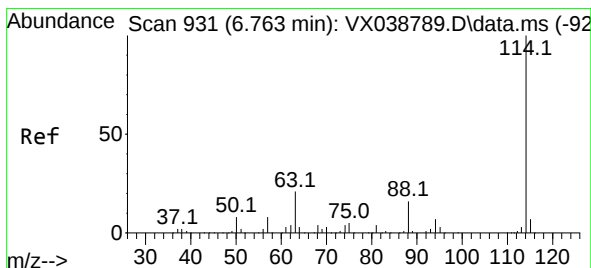
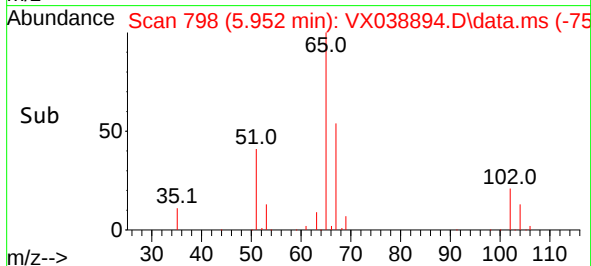
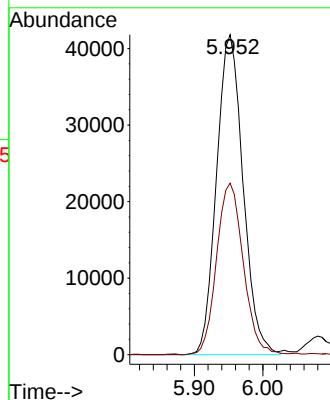
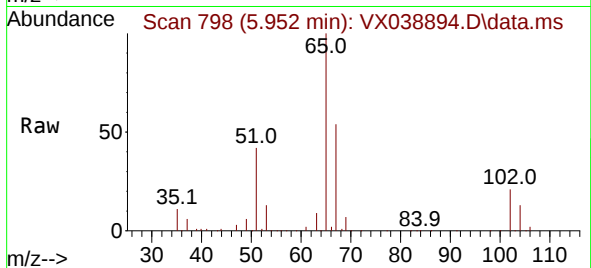
67 54.0 0.0 100.2

Manual Integrations

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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: VX038894.D

Acq: 17 Nov 2023 22:30

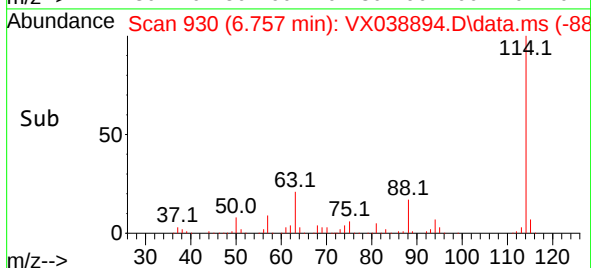
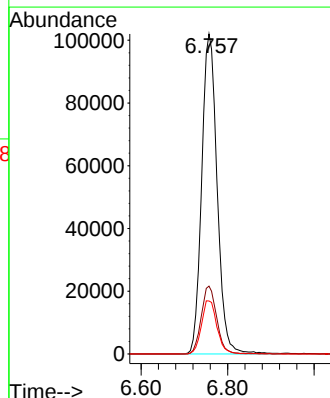
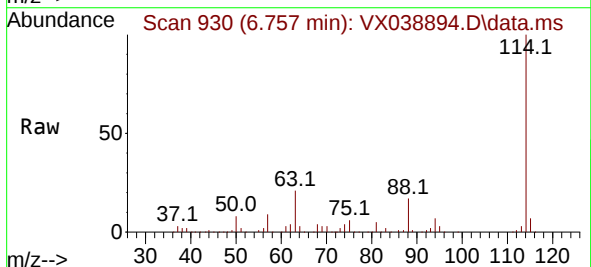
Tgt Ion:114 Resp: 252441

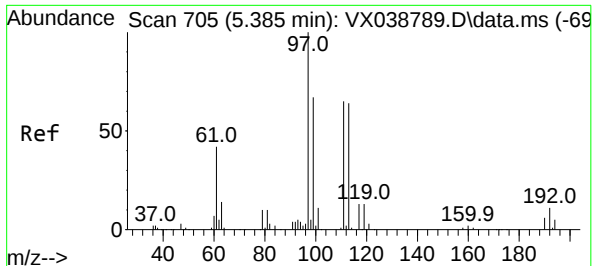
Ion Ratio Lower Upper

114 100

63 21.2 0.0 45.0

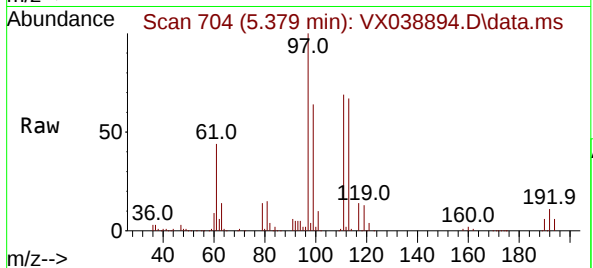
88 16.6 0.0 36.6





#35
Dibromofluoromethane
Concen: 50.068 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX038894.D
Acq: 17 Nov 2023 22:30

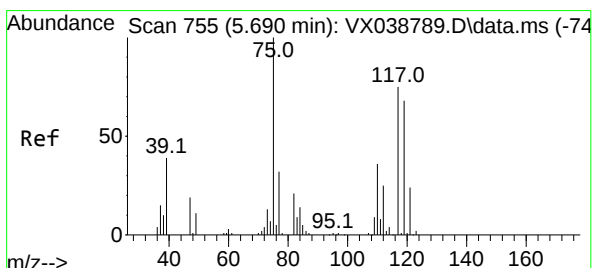
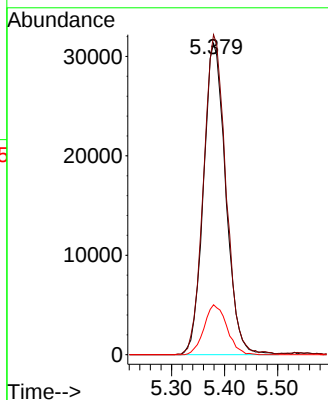
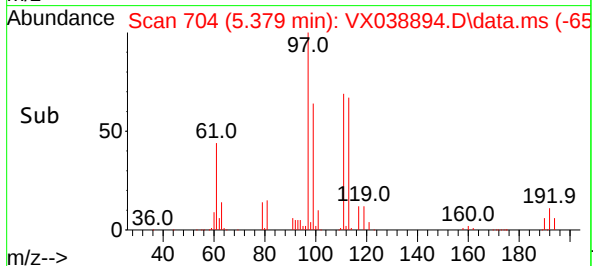
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 9128
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 16.5 13.3 19.9

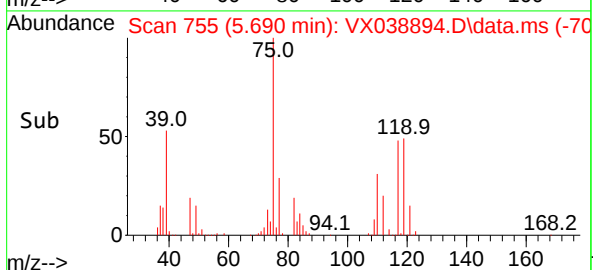
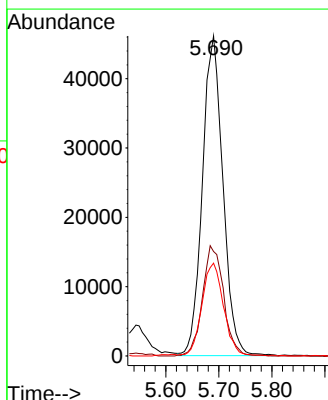
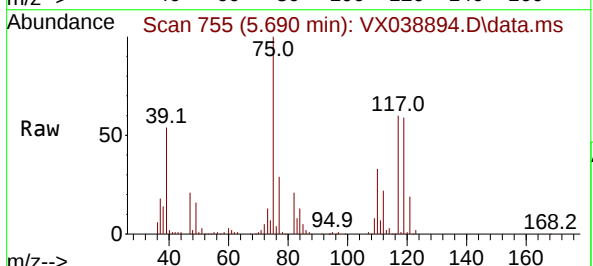
Manual Integrations
APPROVED

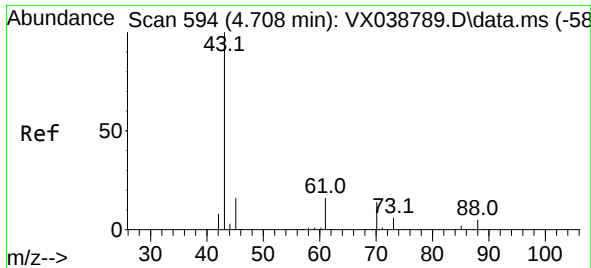
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#36
1,1-Dichloropropene
Concen: 47.560 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX038894.D
Acq: 17 Nov 2023 22:30

Tgt Ion: 75 Resp: 124277
Ion Ratio Lower Upper
75 100
110 35.5 17.0 50.9
77 30.7 24.7 37.1





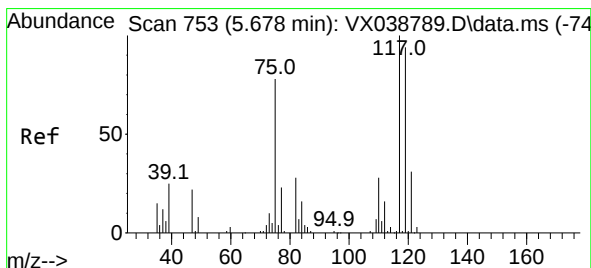
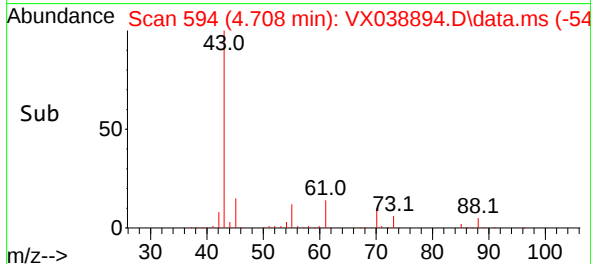
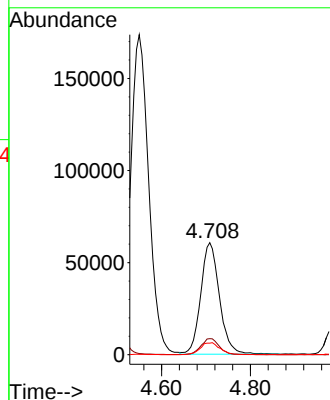
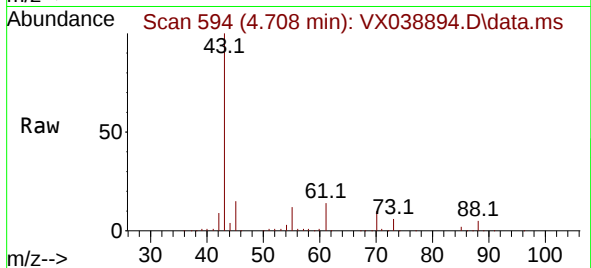
#37
Ethyl Acetate
Concen: 52.158 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.000 min
Lab File: VX038894.D
Acq: 17 Nov 2023 22:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 177568
Ion Ratio Lower Upper
43 100
61 13.8 10.6 16.0
70 11.3 8.3 12.5

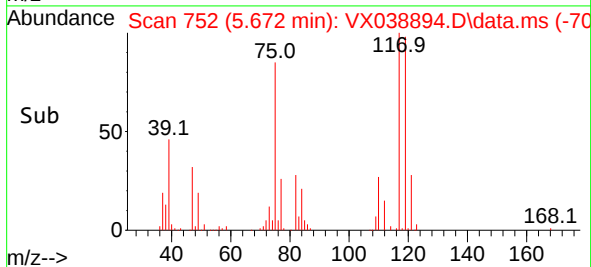
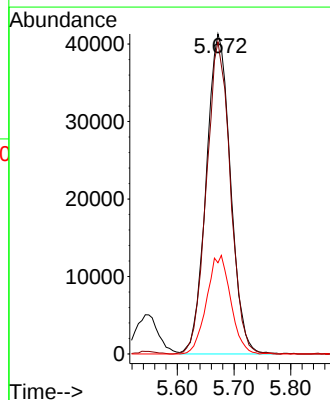
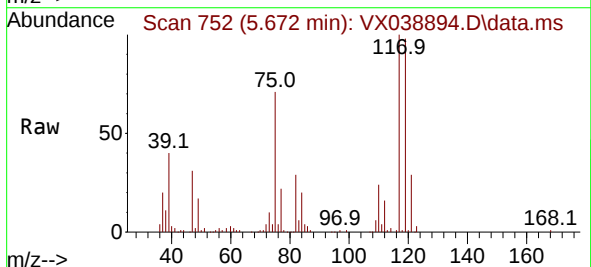
Manual Integrations
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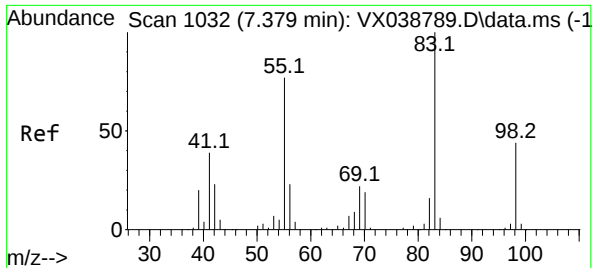
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#38
Carbon Tetrachloride
Concen: 50.962 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX038894.D
Acq: 17 Nov 2023 22:30

Tgt Ion:117 Resp: 123075
Ion Ratio Lower Upper
117 100
119 97.5 78.2 117.2
121 28.5 24.4 36.6





#39
Methylcyclohexane
Concen: 44.926 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX038894.D
Acq: 17 Nov 2023 22:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

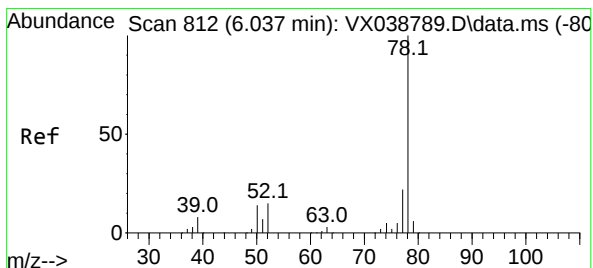
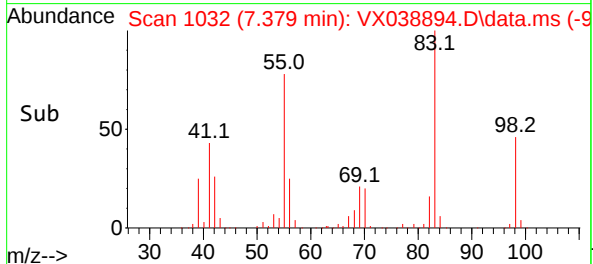
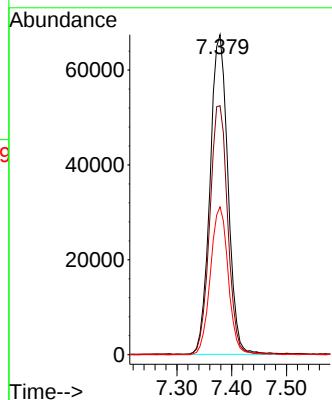
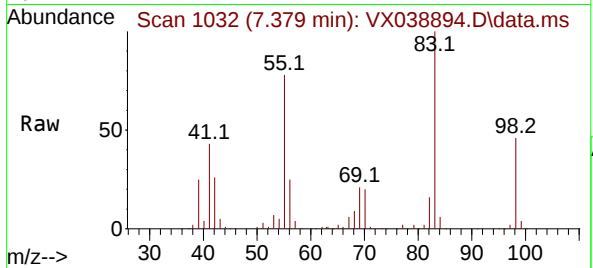
Tgt Ion: 83 Resp: 153128
Ion Ratio Lower Upper
83 100
55 77.7 64.6 97.0
98 46.2 36.7 55.1

Manual Integrations

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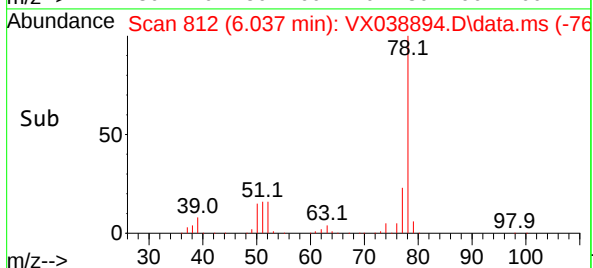
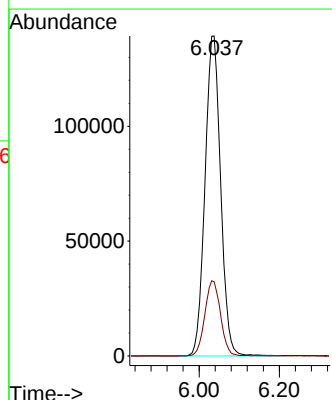
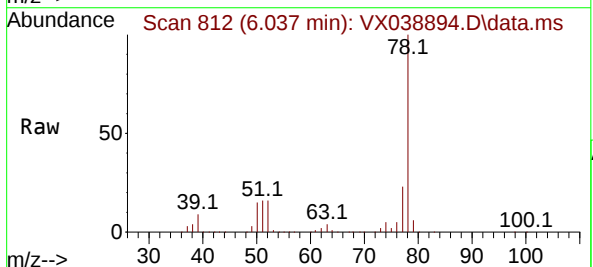
Reviewed By :John Carlone 11/18/2023

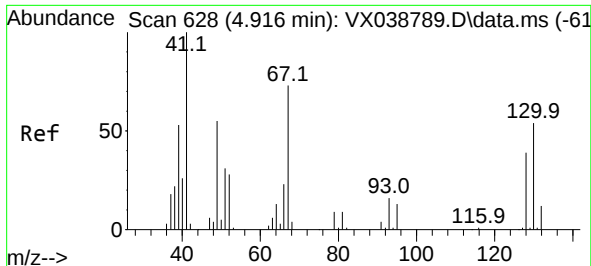
Supervised By :Mahesh Dadoda 11/20/2023



#40
Benzene
Concen: 48.730 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX038894.D
Acq: 17 Nov 2023 22:30

Tgt Ion: 78 Resp: 376614
Ion Ratio Lower Upper
78 100
77 23.2 19.3 28.9





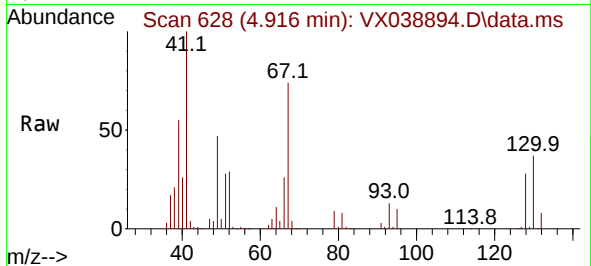
#41
Methacrylonitrile
Concen: 52.725 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX038894.D
Acq: 17 Nov 2023 22:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



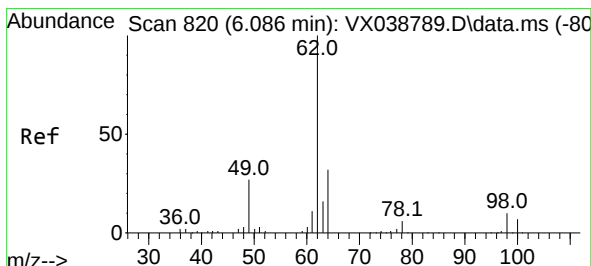
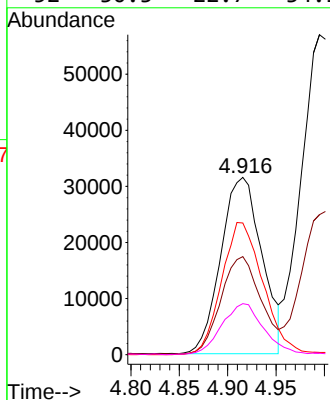
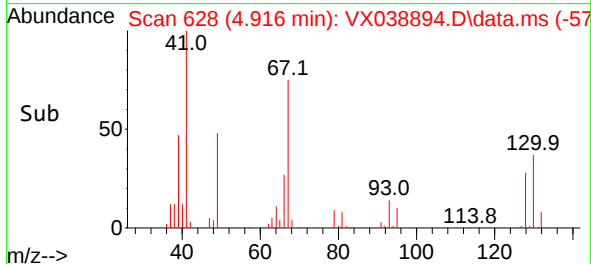
Tgt Ion: 41 Resp: 93090
Ion Ratio Lower Upper
41 100
39 53.8 45.2 67.8
67 76.1 52.6 78.8
52 30.3 22.7 34.1

Manual Integrations

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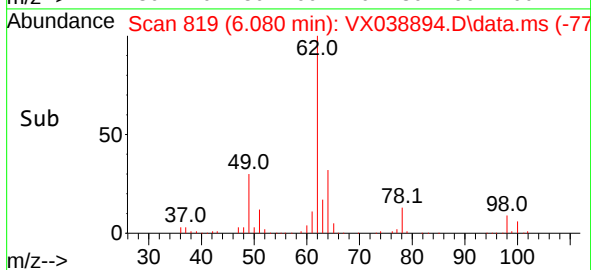
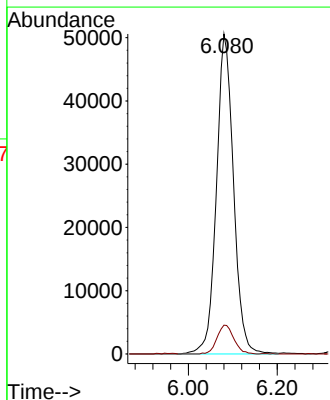
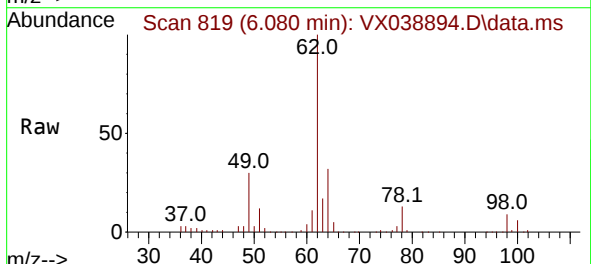
Reviewed By :John Carlone 11/18/2023

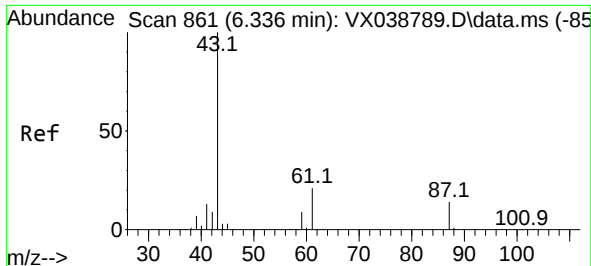
Supervised By :Mahesh Dadoda 11/20/2023



#42
1,2-Dichloroethane
Concen: 52.594 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX038894.D
Acq: 17 Nov 2023 22:30

Tgt Ion: 62 Resp: 134673
Ion Ratio Lower Upper
62 100
98 8.9 0.0 16.0





#43

Isopropyl Acetate

Concen: 51.675 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.000 min

Lab File: VX038894.D

Acq: 17 Nov 2023 22:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 281150

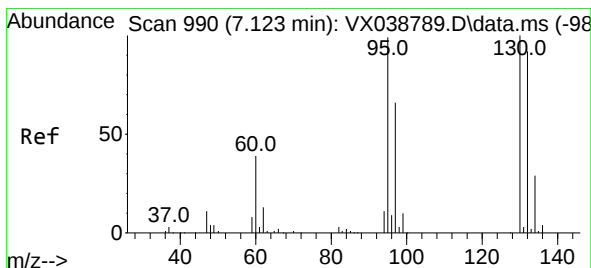
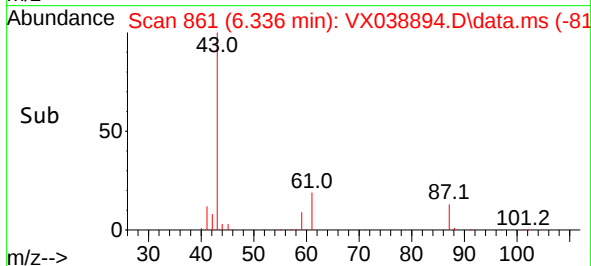
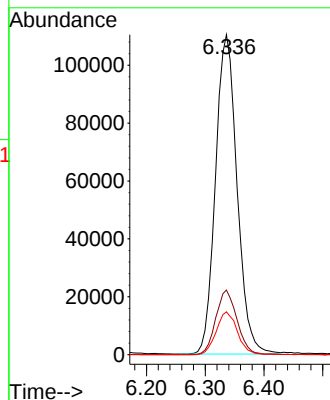
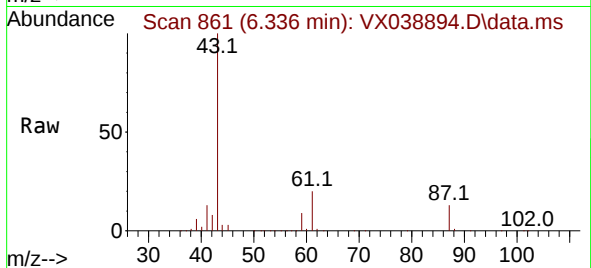
Ion	Ratio	Lower	Upper
43	100		
61	19.9	15.2	22.8
87	13.2	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#44

Trichloroethene

Concen: 49.899 ug/l

RT: 7.123 min Scan# 990

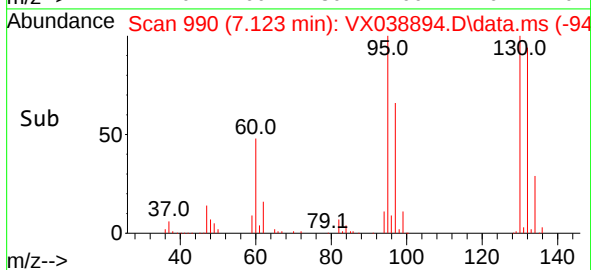
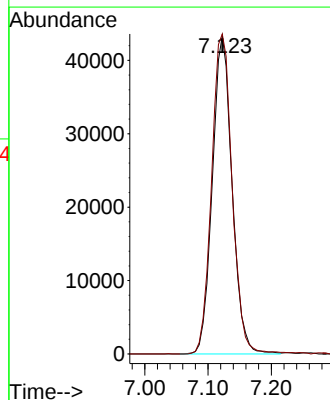
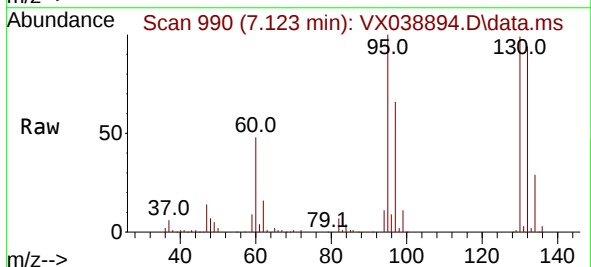
Delta R.T. -0.000 min

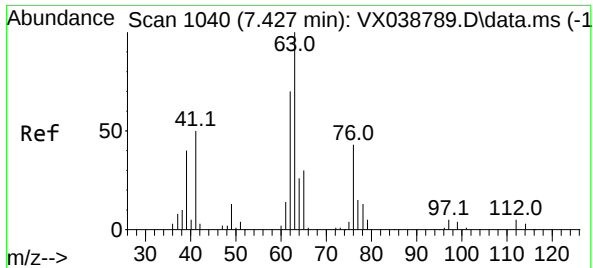
Lab File: VX038894.D

Acq: 17 Nov 2023 22:30

Tgt Ion:130 Resp: 93870

Ion	Ratio	Lower	Upper
130	100		
95	100.6	0.0	204.4





#45

1,2-Dichloropropane

Concen: 49.991 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX038894.D

Acq: 17 Nov 2023 22:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 10397

Ion Ratio Lower Upper

63 100

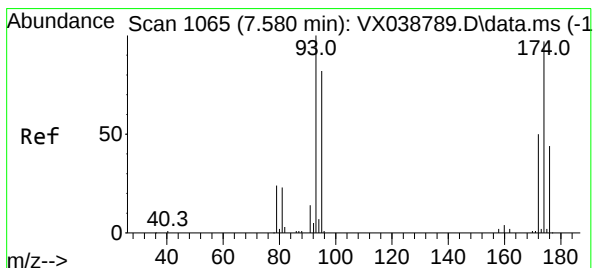
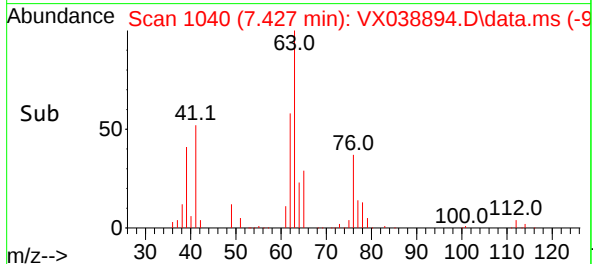
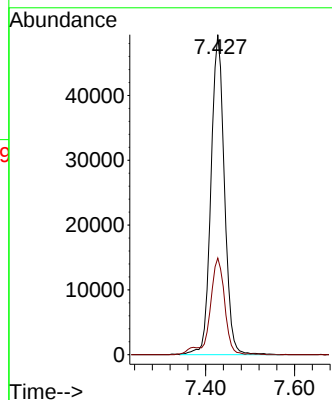
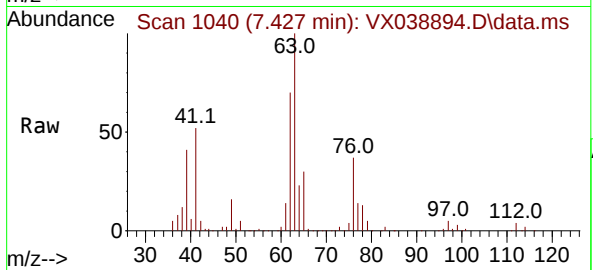
65 30.2 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#46

Dibromomethane

Concen: 51.898 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX038894.D

Acq: 17 Nov 2023 22:30

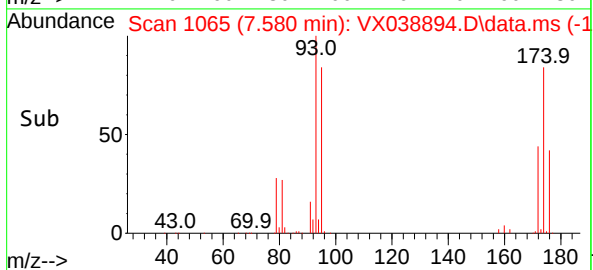
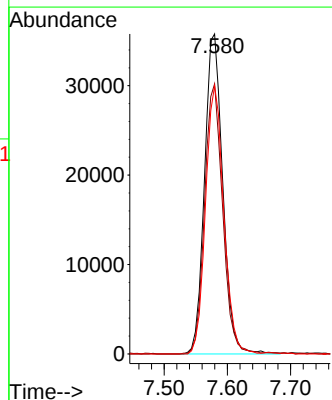
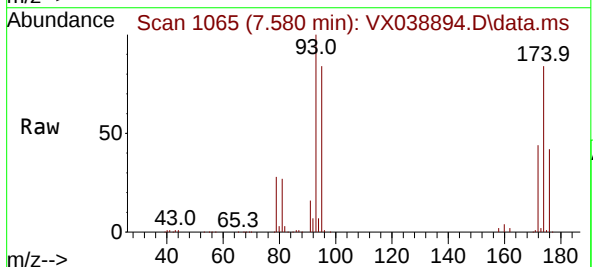
Tgt Ion: 93 Resp: 71982

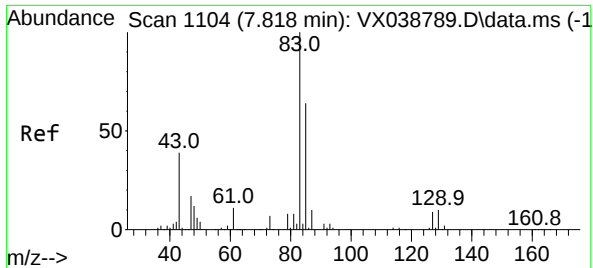
Ion Ratio Lower Upper

93 100

95 83.4 66.6 100.0

174 83.4 69.4 104.0





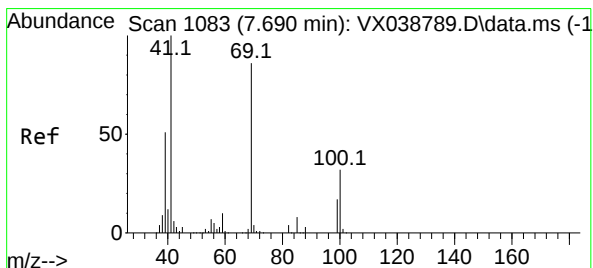
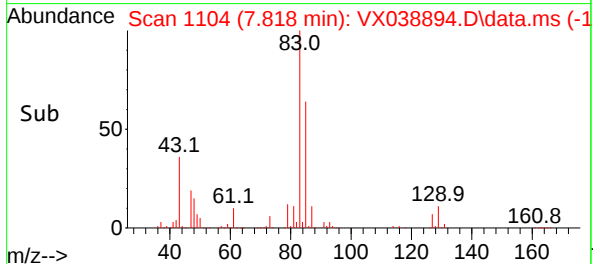
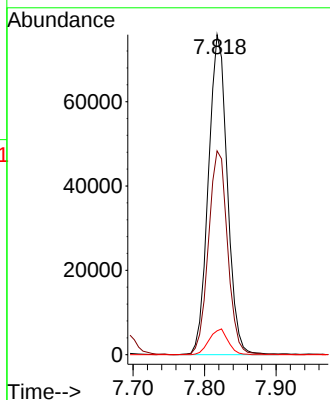
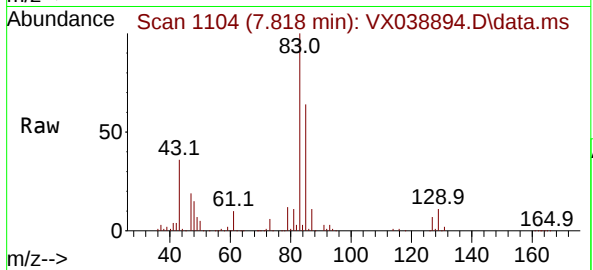
#47
Bromodichloromethane
Concen: 50.603 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX038894.D
Acq: 17 Nov 2023 22:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 139302
Ion Ratio Lower Upper
83 100
85 63.6 49.8 74.6
127 7.5 7.1 10.7

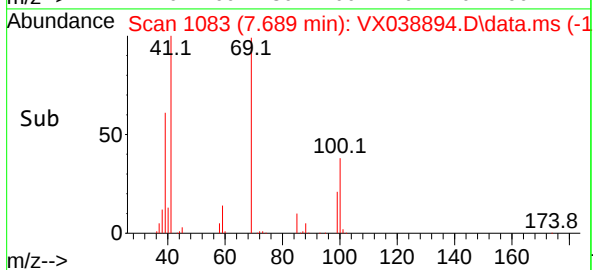
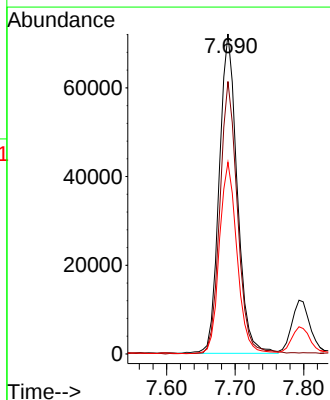
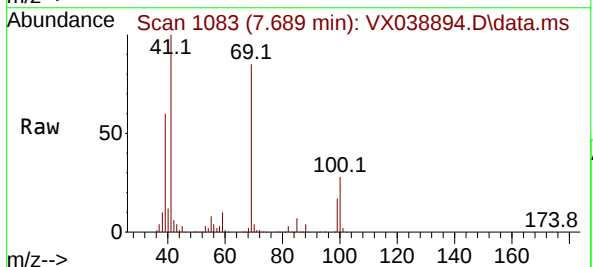
Manual Integrations
APPROVED

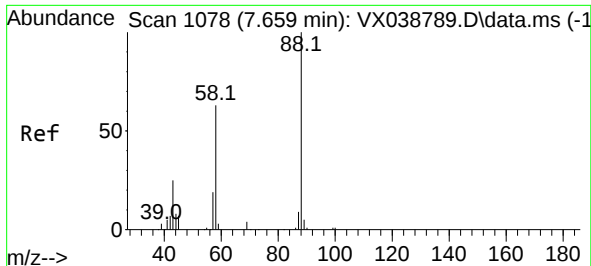
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#48
Methyl methacrylate
Concen: 49.646 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX038894.D
Acq: 17 Nov 2023 22:30

Tgt Ion: 41 Resp: 131056
Ion Ratio Lower Upper
41 100
69 83.1 59.2 88.8
39 58.7 47.7 71.5





#49

1,4-Dioxane

Concen: 1207.867 ug/l

RT: 7.653 min Scan# 1078

Delta R.T. -0.006 min

Lab File: VX038894.D

Acq: 17 Nov 2023 22:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 61680

Ion Ratio Lower Upper

88 100

43 30.4 0.0 0.0

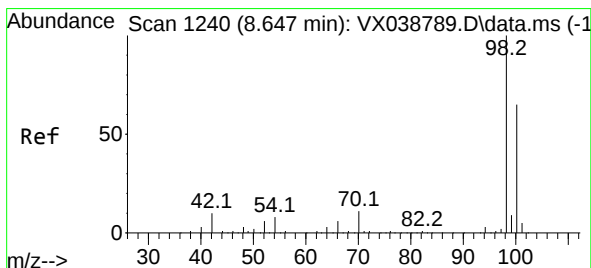
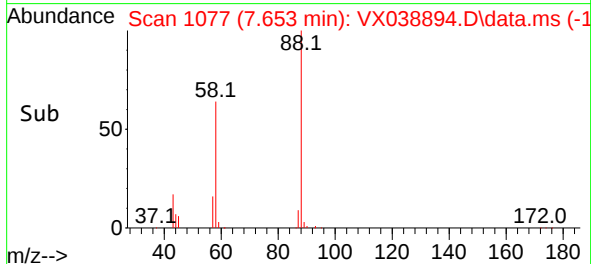
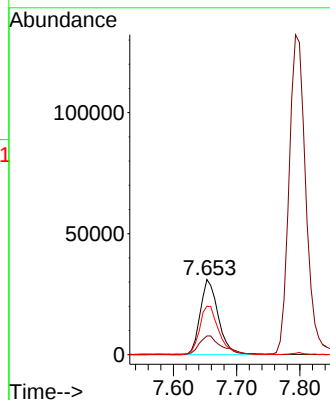
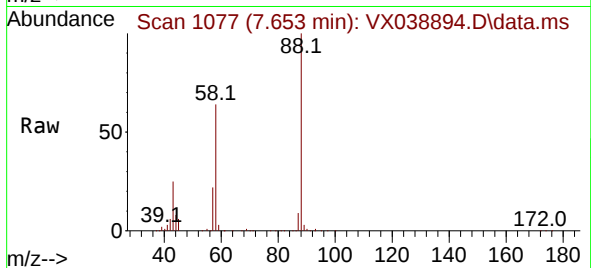
58 69.3 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#50

Toluene-d8

Concen: 49.286 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX038894.D

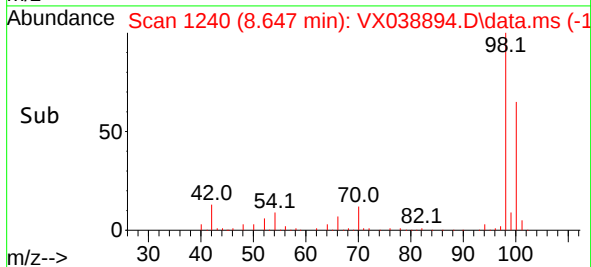
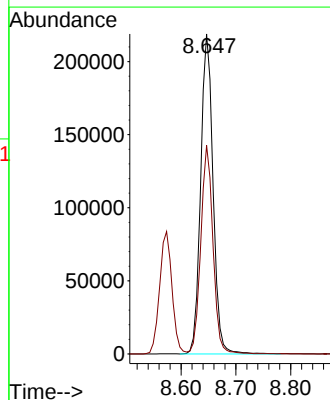
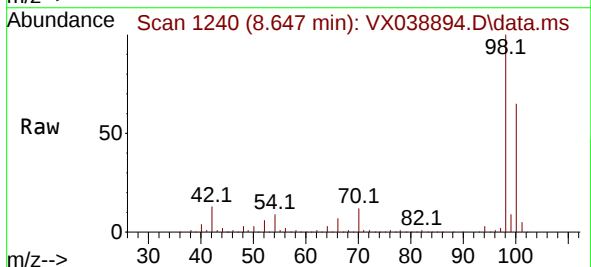
Acq: 17 Nov 2023 22:30

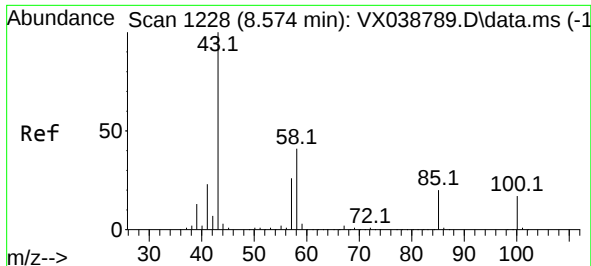
Tgt Ion: 98 Resp: 343798

Ion Ratio Lower Upper

98 100

100 64.1 53.1 79.7





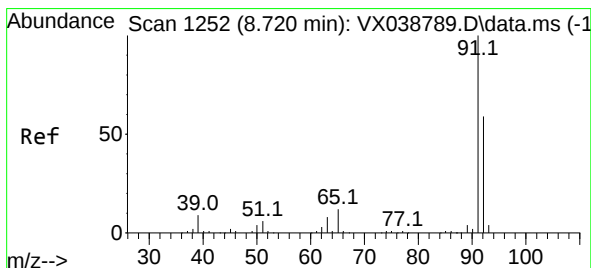
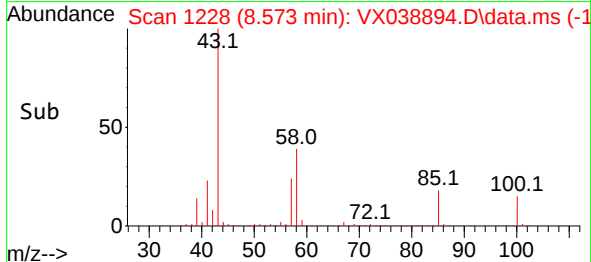
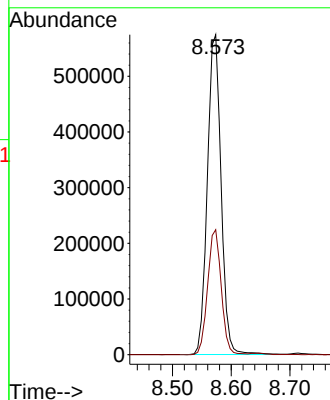
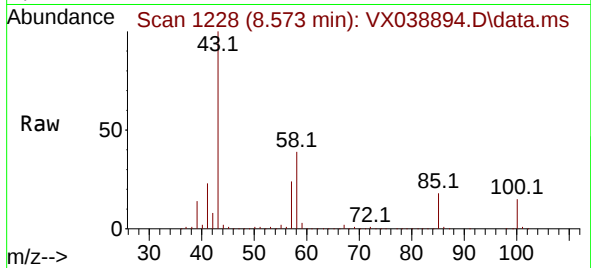
#51
4-Methyl-2-Pentanone
Concen: 268.127 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX038894.D
Acq: 17 Nov 2023 22:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 932260
Ion Ratio Lower Upper
43 100
58 38.7 30.4 45.6

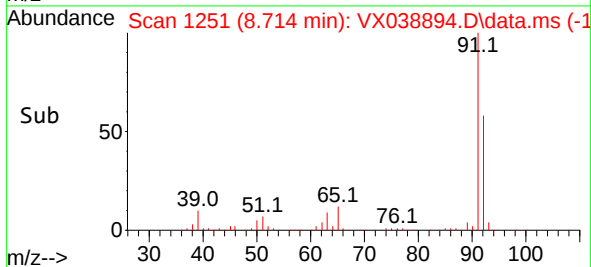
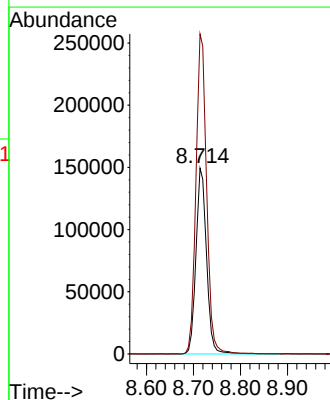
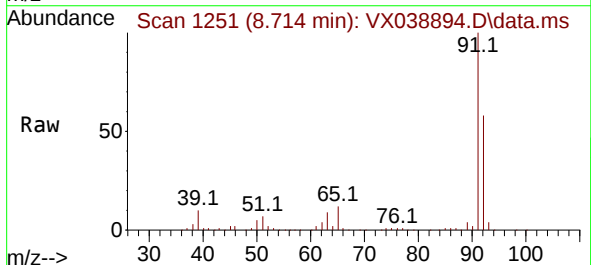
Manual Integrations
APPROVED

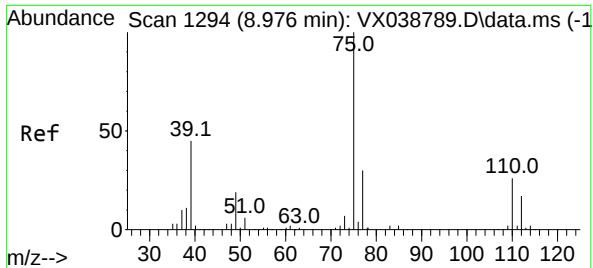
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#52
Toluene
Concen: 48.865 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX038894.D
Acq: 17 Nov 2023 22:30

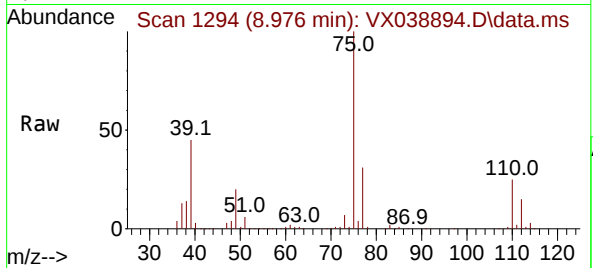
Tgt Ion: 92 Resp: 234358
Ion Ratio Lower Upper
92 100
91 173.8 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 48.946 ug/l
RT: 8.976 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VX038894.D
Acq: 17 Nov 2023 22:30

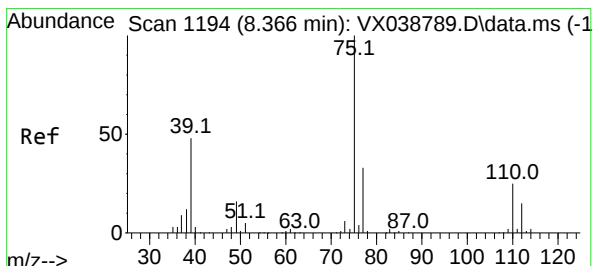
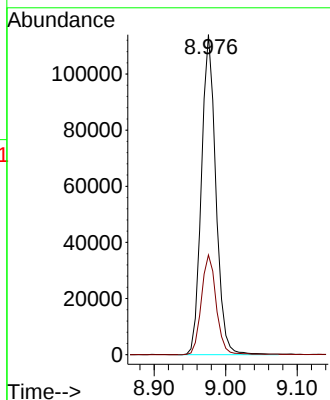
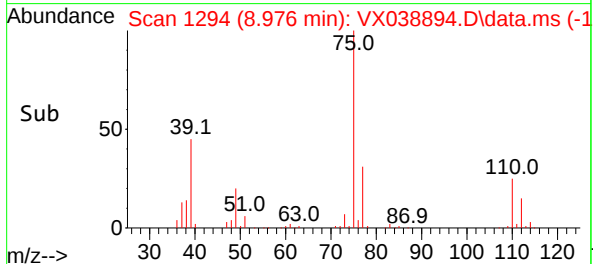
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



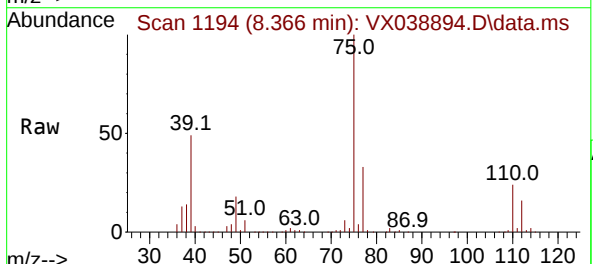
Tgt Ion: 75 Resp: 16012
Ion Ratio Lower Upper
75 100
77 31.1 25.7 38.5

Manual Integrations
APPROVED

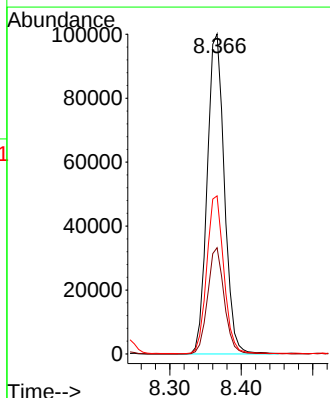
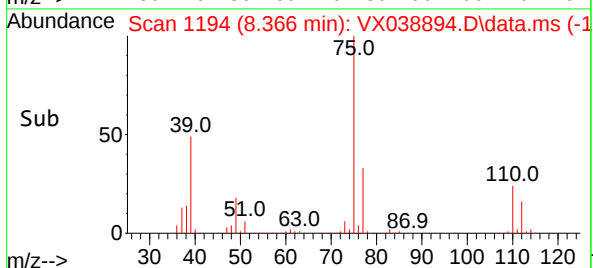
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

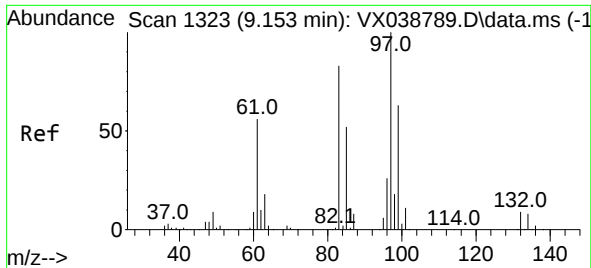


#54
cis-1,3-Dichloropropene
Concen: 49.310 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX038894.D
Acq: 17 Nov 2023 22:30



Tgt Ion: 75 Resp: 166628
Ion Ratio Lower Upper
75 100
77 33.2 25.3 37.9
39 49.3 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 50.101 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX038894.D
Acq: 17 Nov 2023 22:30

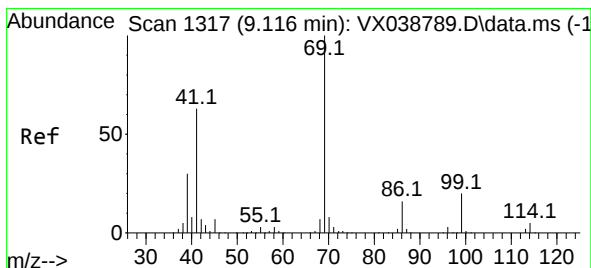
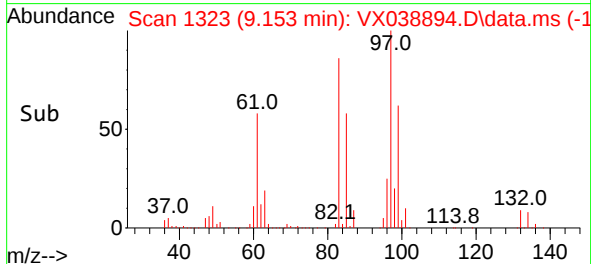
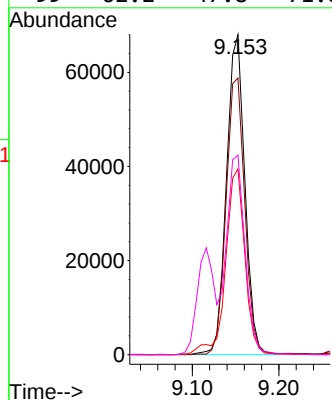
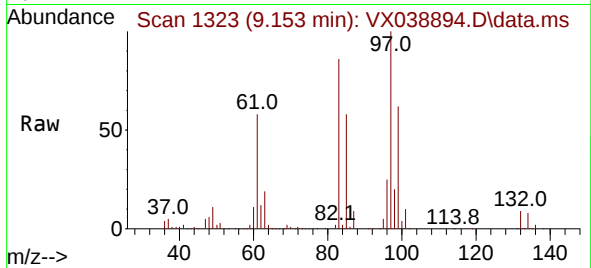
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 10026

Ion	Ratio	Lower	Upper
97	100		
83	86.3	65.8	98.8
85	57.9	41.6	62.4
99	62.2	47.8	71.8

Manual Integrations
APPROVED

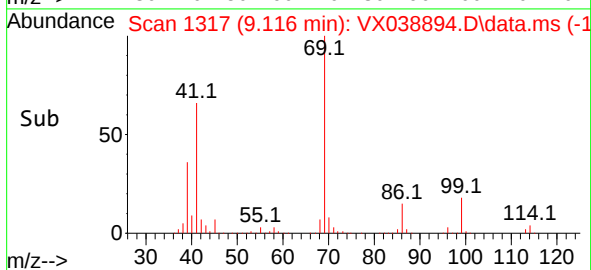
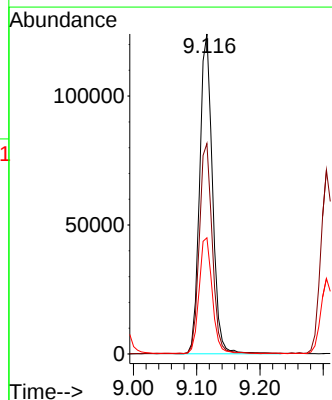
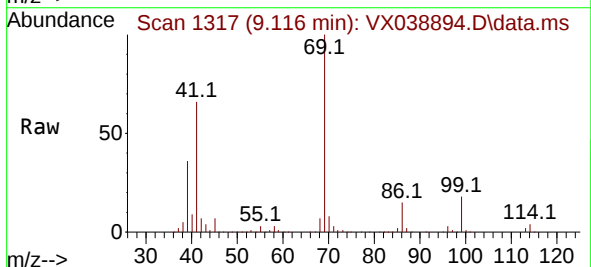
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

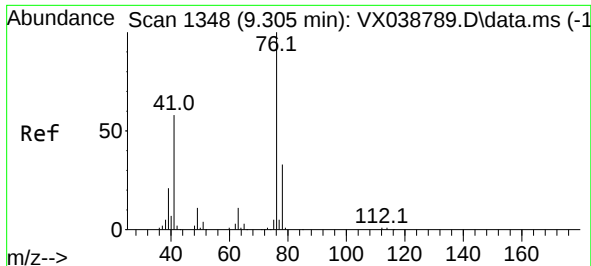


#56
Ethyl methacrylate
Concen: 51.778 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX038894.D
Acq: 17 Nov 2023 22:30

Tgt Ion: 69 Resp: 175315

Ion	Ratio	Lower	Upper
69	100		
41	66.1	56.8	85.2
39	37.1	32.0	48.0





#57

1,3-Dichloropropane

Concen: 51.135 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX038894.D

Acq: 17 Nov 2023 22:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 169230

Ion Ratio Lower Upper

76 100

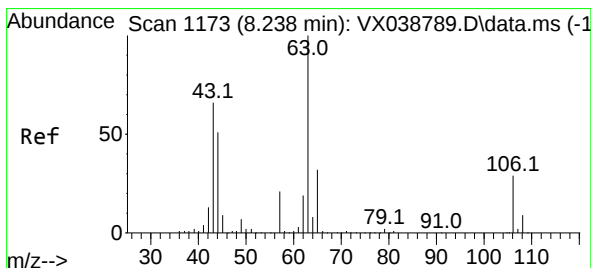
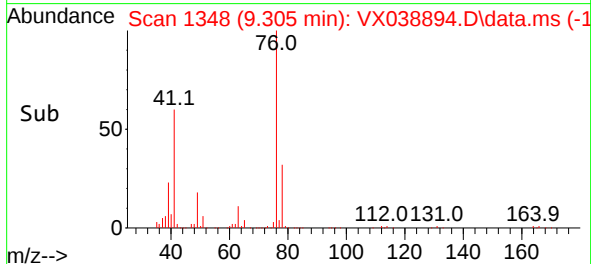
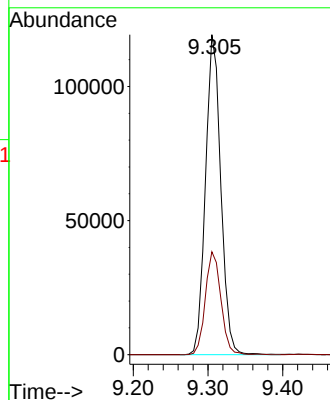
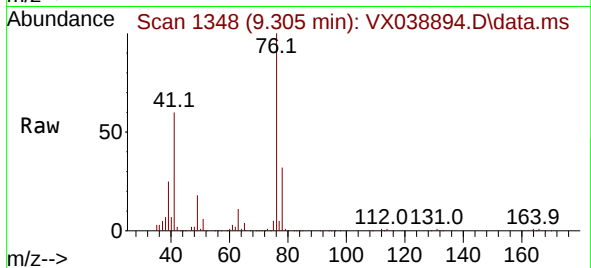
78 32.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 267.306 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX038894.D

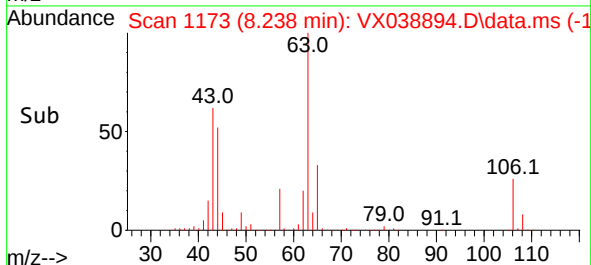
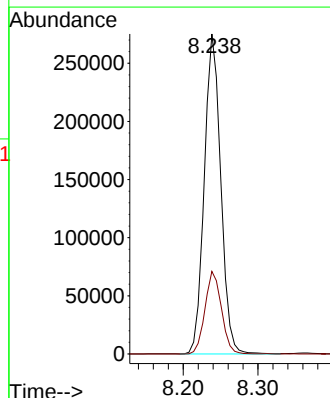
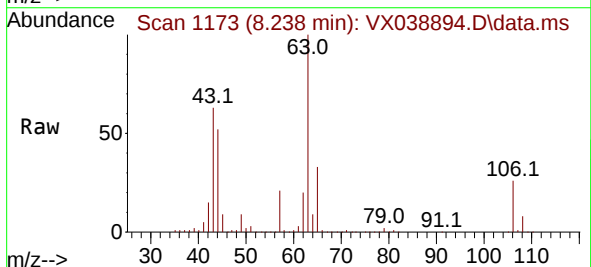
Acq: 17 Nov 2023 22:30

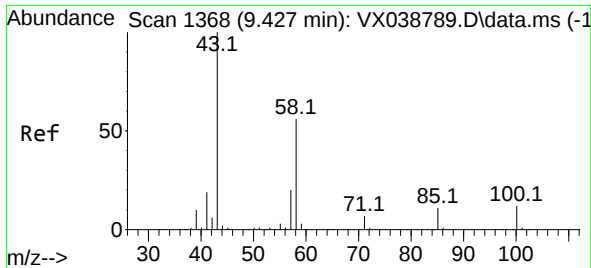
Tgt Ion: 63 Resp: 421620

Ion Ratio Lower Upper

63 100

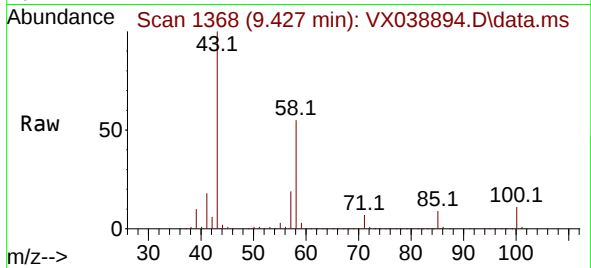
106 25.8 22.5 33.7





#59
2-Hexanone
Concen: 266.115 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX038894.D
Acq: 17 Nov 2023 22:30

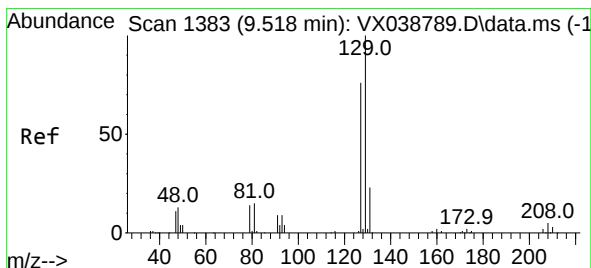
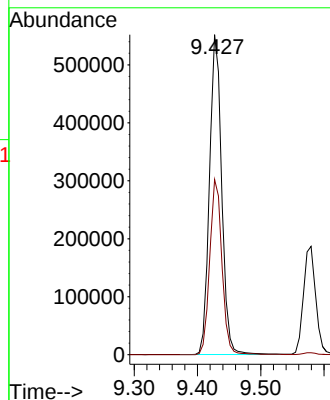
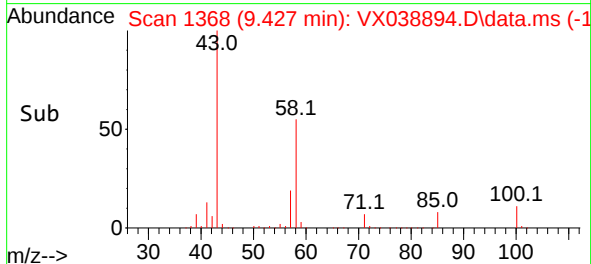
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 741629
Ion Ratio Lower Upper
43 100
58 54.9 26.2 78.5

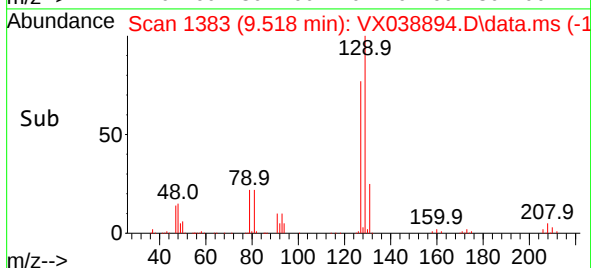
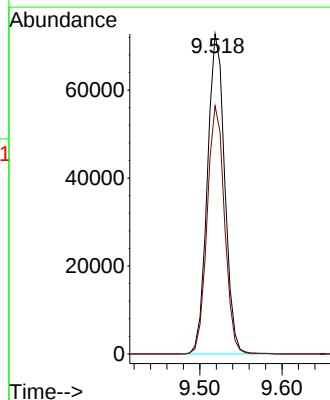
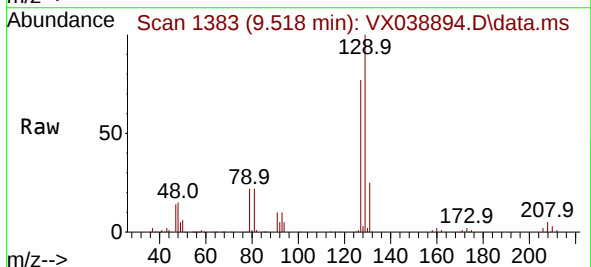
Manual Integrations
APPROVED

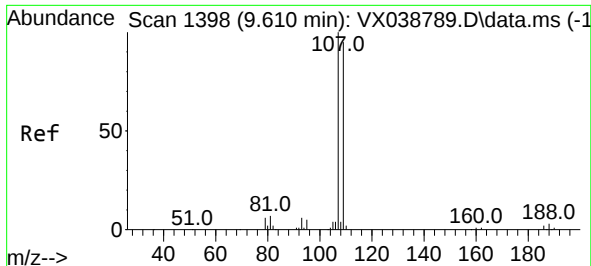
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#60
Dibromochloromethane
Concen: 52.252 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX038894.D
Acq: 17 Nov 2023 22:30

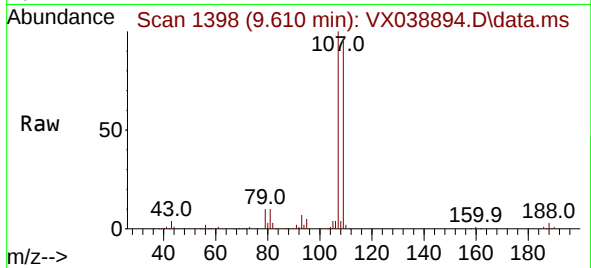
Tgt Ion:129 Resp: 106321
Ion Ratio Lower Upper
129 100
127 77.7 38.8 116.4





#61
1,2-Dibromoethane
Concen: 51.734 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX038894.D
Acq: 17 Nov 2023 22:30

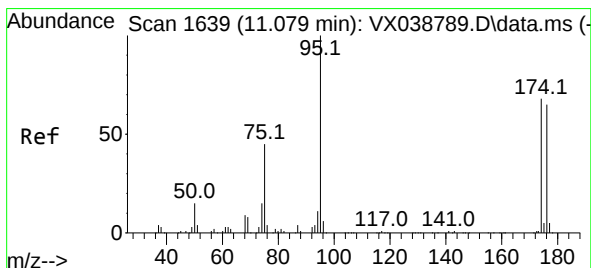
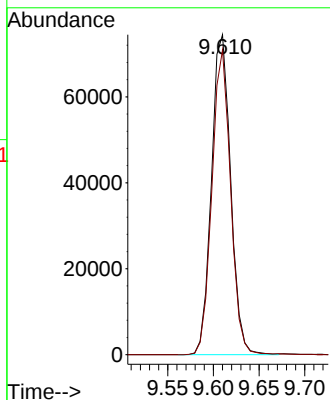
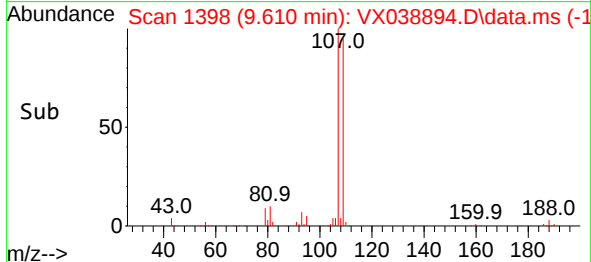
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 108630
Ion Ratio Lower Upper
107 100
109 92.9 75.2 112.8

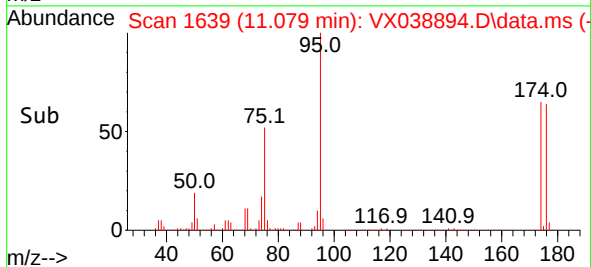
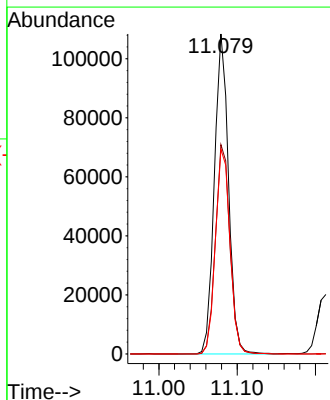
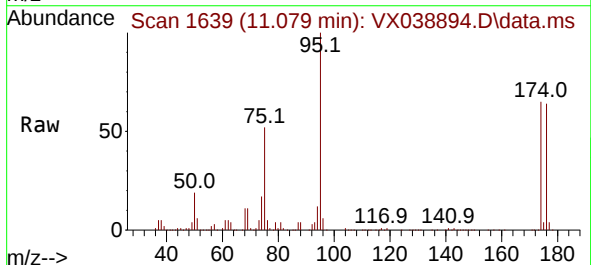
Manual Integrations
APPROVED

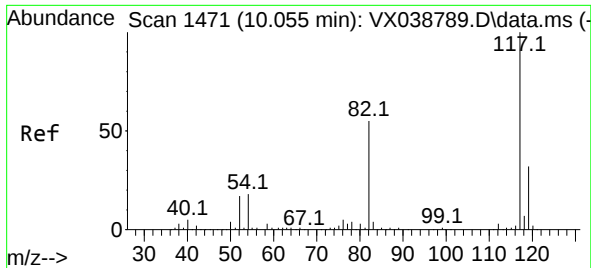
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#62
4-Bromofluorobenzene
Concen: 48.688 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038894.D
Acq: 17 Nov 2023 22:30

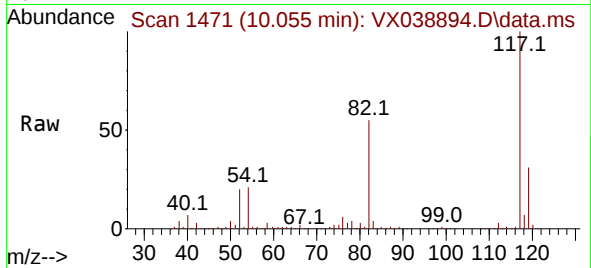
Tgt Ion: 95 Resp: 135957
Ion Ratio Lower Upper
95 100
174 67.1 0.0 135.6
176 66.1 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038894.D
Acq: 17 Nov 2023 22:30

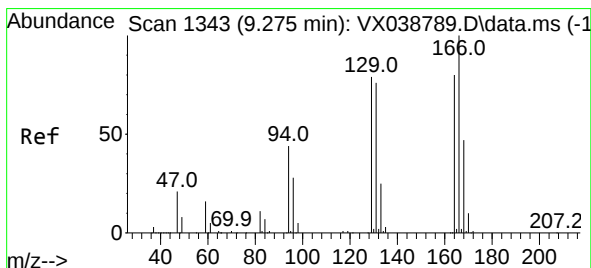
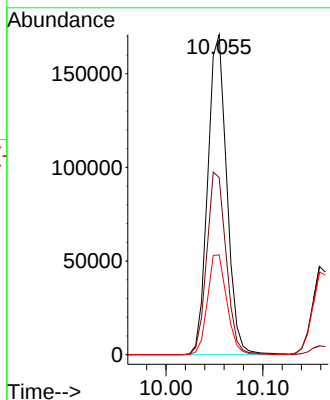
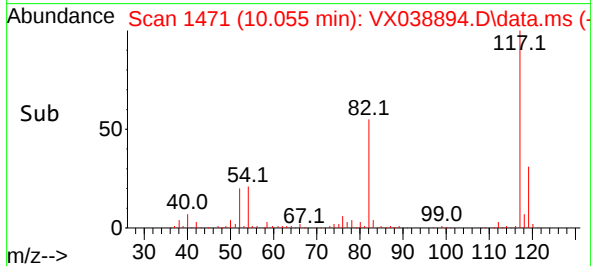
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 234199
Ion Ratio Lower Upper
117 100
82 55.4 46.2 69.4
119 31.2 25.5 38.3

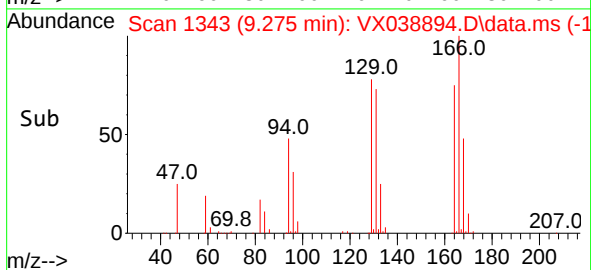
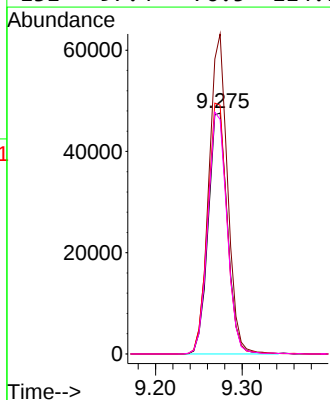
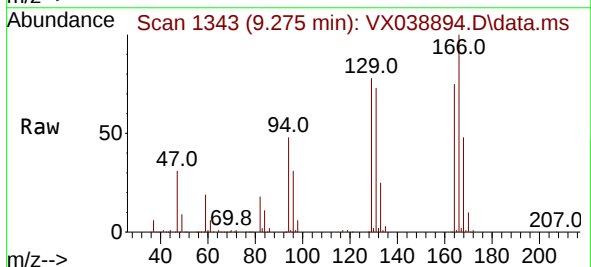
Manual Integrations
APPROVED

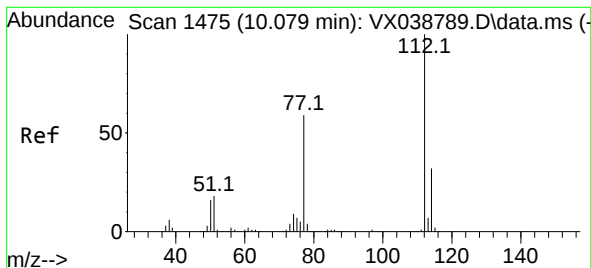
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#64
Tetrachloroethene
Concen: 50.258 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038894.D
Acq: 17 Nov 2023 22:30

Tgt Ion:164 Resp: 73163
Ion Ratio Lower Upper
164 100
166 132.8 102.7 154.1
129 103.3 80.4 120.6
131 97.4 76.5 114.7





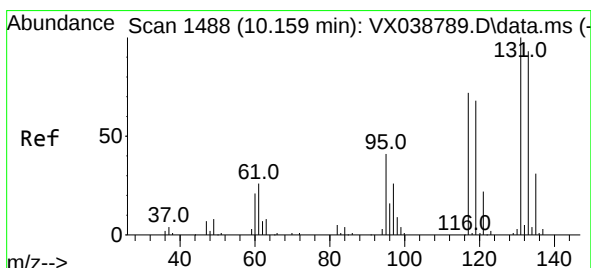
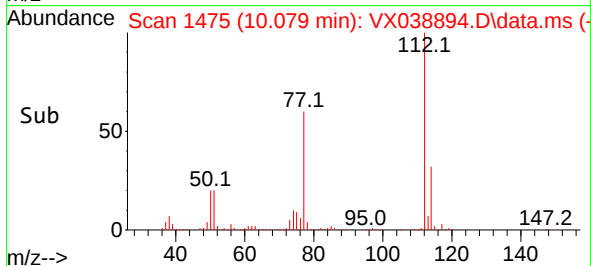
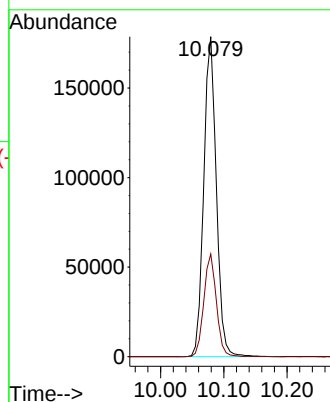
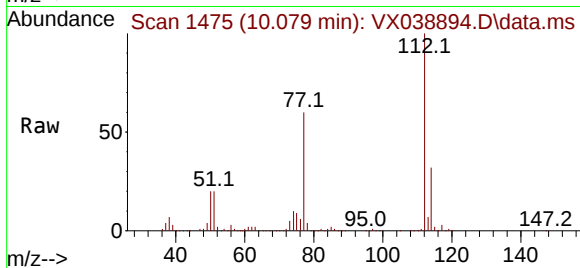
#65
Chlorobenzene
Concen: 49.038 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX038894.D
Acq: 17 Nov 2023 22:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 24739
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5

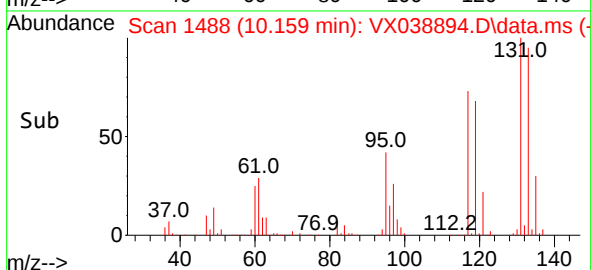
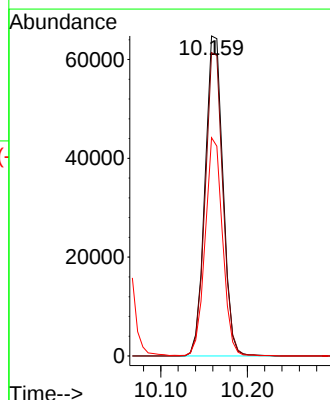
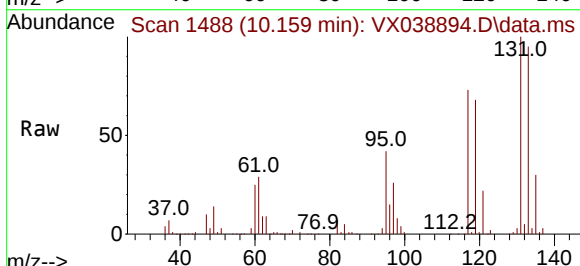
Manual Integrations
APPROVED

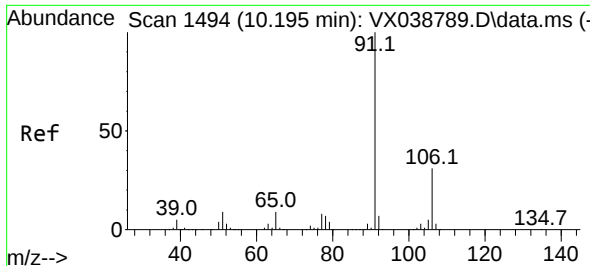
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 51.204 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX038894.D
Acq: 17 Nov 2023 22:30

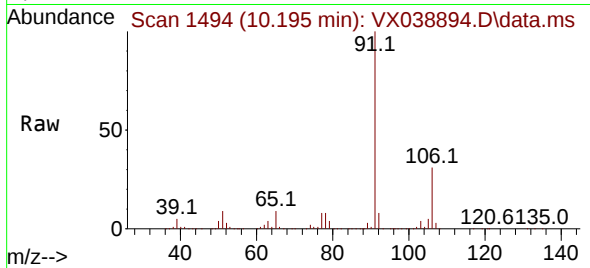
Tgt Ion:131 Resp: 92921
Ion Ratio Lower Upper
131 100
133 94.0 47.1 141.4
119 66.5 32.2 96.6





#67
Ethyl Benzene
Concen: 49.511 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX038894.D
Acq: 17 Nov 2023 22:30

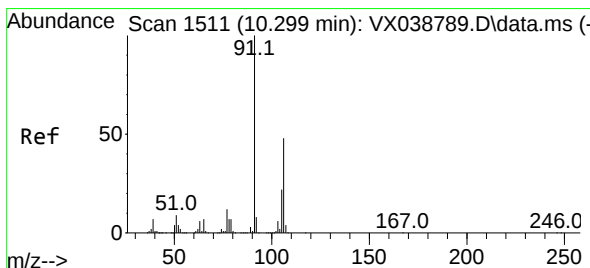
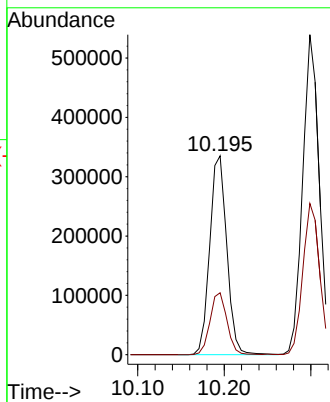
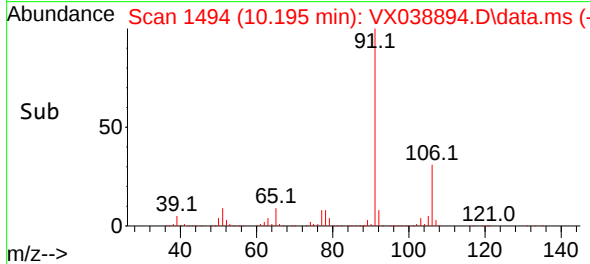
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 458905
Ion Ratio Lower Upper
91 100
106 31.2 24.9 37.3

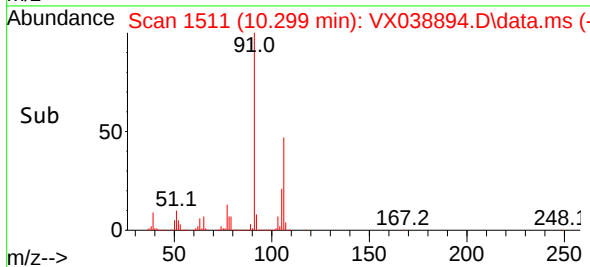
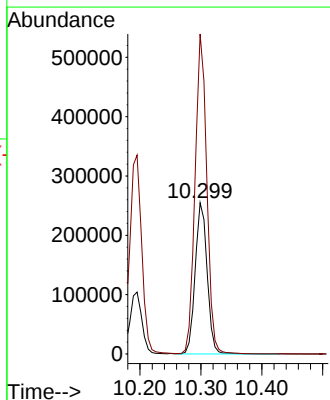
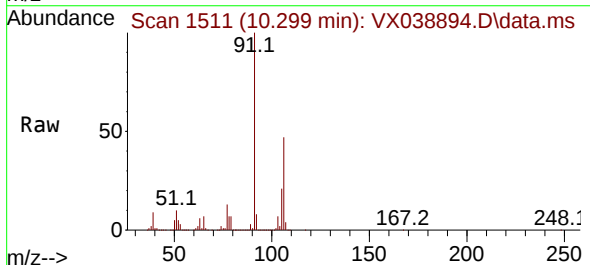
Manual Integrations
APPROVED

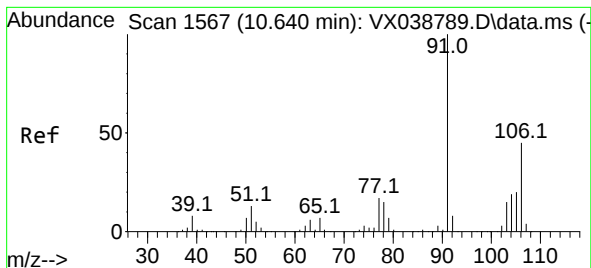
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#68
m/p-Xylenes
Concen: 98.784 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX038894.D
Acq: 17 Nov 2023 22:30

Tgt Ion:106 Resp: 346351
Ion Ratio Lower Upper
106 100
91 207.9 165.5 248.3





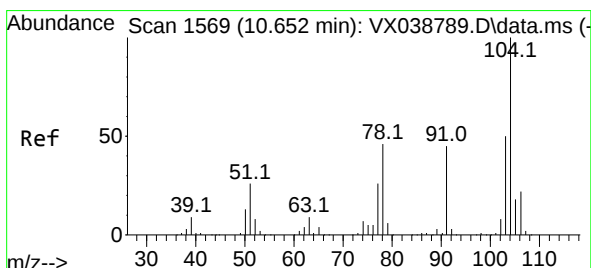
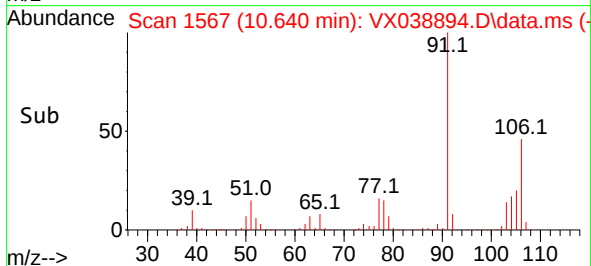
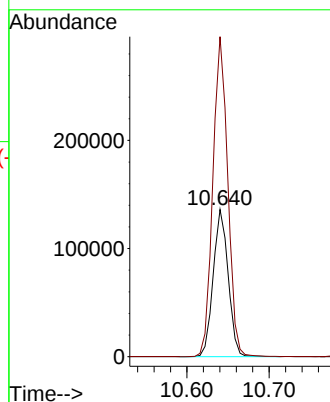
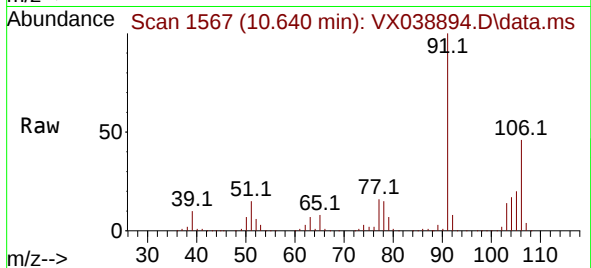
#69
o-Xylene
Concen: 49.706 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX038894.D
Acq: 17 Nov 2023 22:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 172445
Ion Ratio Lower Upper
106 100
91 216.4 108.9 326.8

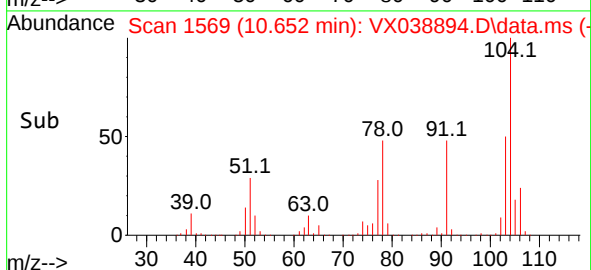
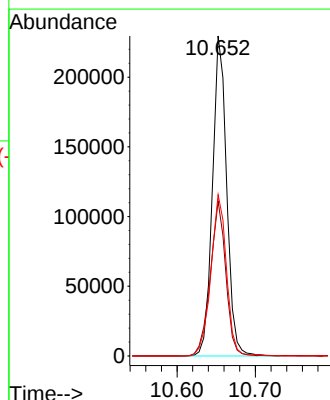
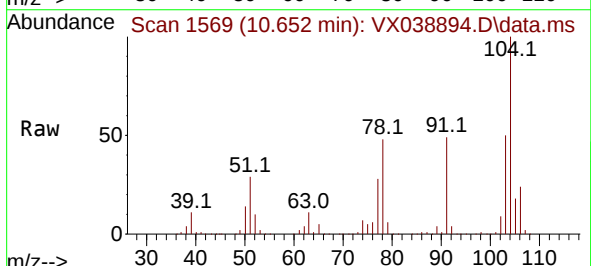
Manual Integrations
APPROVED

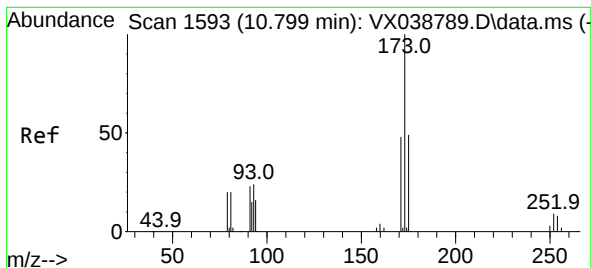
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#70
Styrene
Concen: 49.375 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX038894.D
Acq: 17 Nov 2023 22:30

Tgt Ion:104 Resp: 289295
Ion Ratio Lower Upper
104 100
78 52.7 43.6 65.4
103 55.3 43.6 65.4





#71

Bromoform

Concen: 52.257 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX038894.D

Acq: 17 Nov 2023 22:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

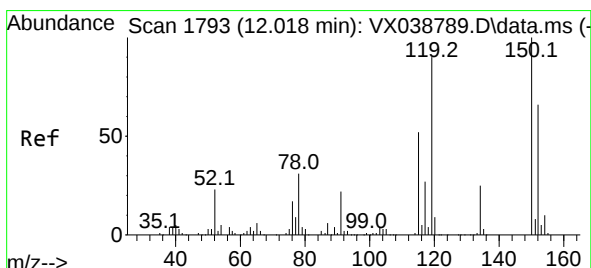
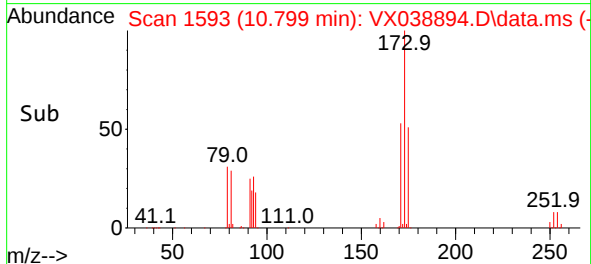
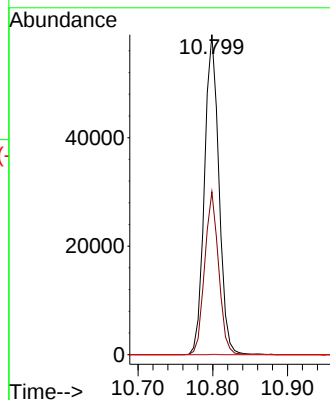
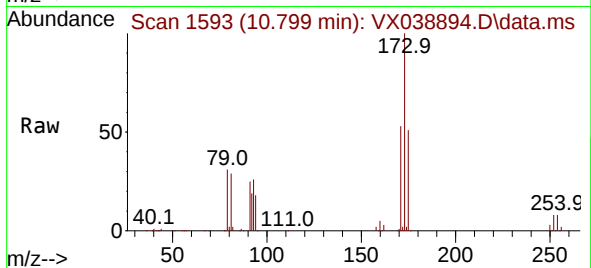
Tgt Ion:173 Resp: 79050
 Ion Ratio Lower Upper
 173 100
 175 49.2 24.1 72.4
 254 0.1 0.0 0.0

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

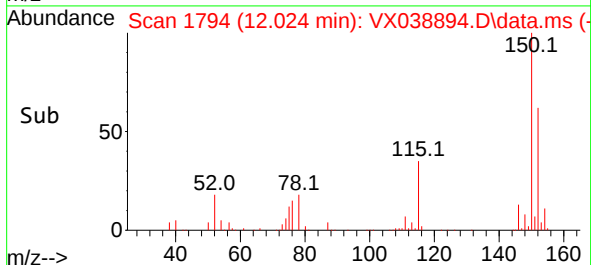
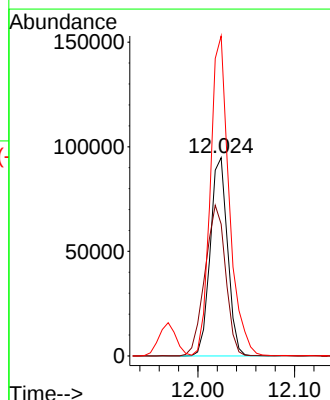
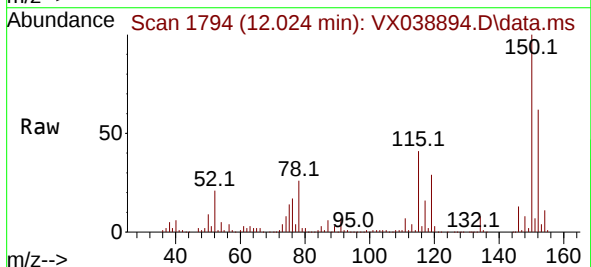
RT: 12.024 min Scan# 1794

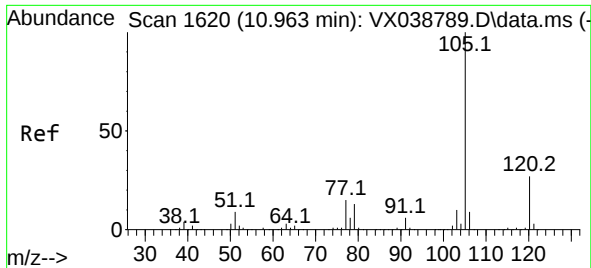
Delta R.T. 0.006 min

Lab File: VX038894.D

Acq: 17 Nov 2023 22:30

Tgt Ion:152 Resp: 118203
 Ion Ratio Lower Upper
 152 100
 115 90.7 43.3 129.9
 150 174.4 0.0 345.0





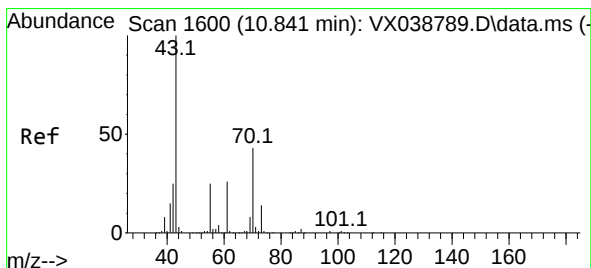
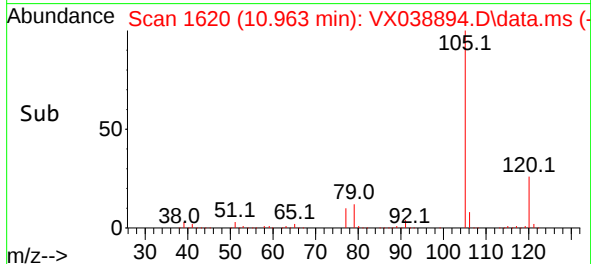
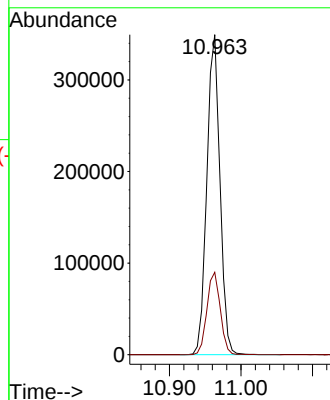
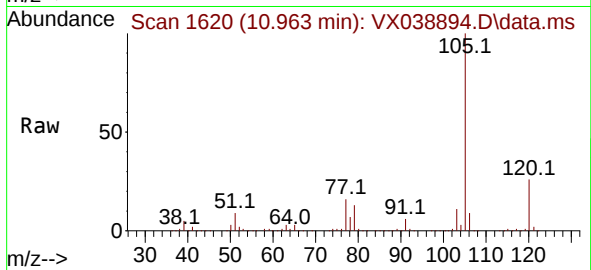
#73
Isopropylbenzene
Concen: 48.310 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX038894.D
Acq: 17 Nov 2023 22:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 44492
Ion Ratio Lower Upper
105 100
120 26.3 12.9 38.6

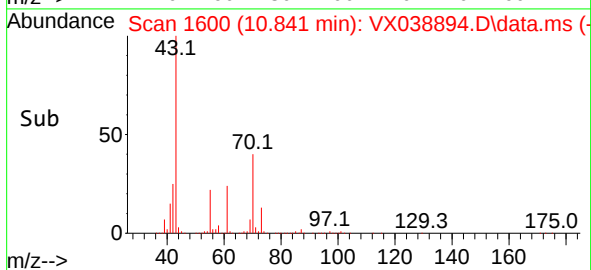
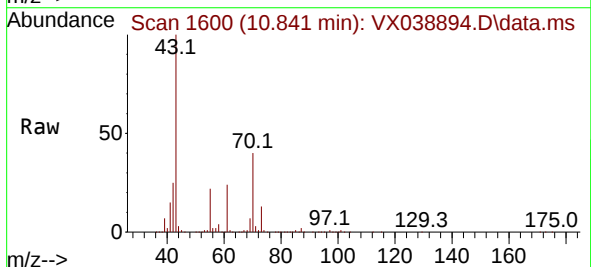
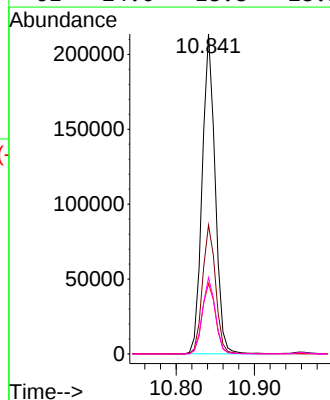
Manual Integrations
APPROVED

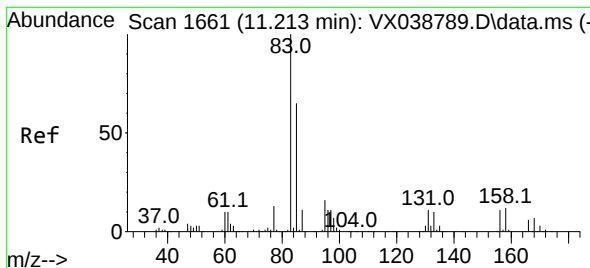
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#74
N-ethyl acetate
Concen: 50.270 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX038894.D
Acq: 17 Nov 2023 22:30

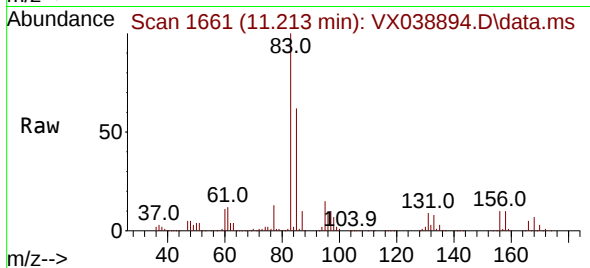
Tgt Ion: 43 Resp: 244736
Ion Ratio Lower Upper
43 100
70 40.8 32.9 49.3
55 22.9 19.3 28.9
61 24.0 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 49.103 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX038894.D
Acq: 17 Nov 2023 22:30

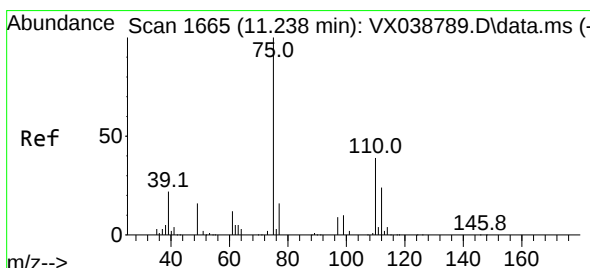
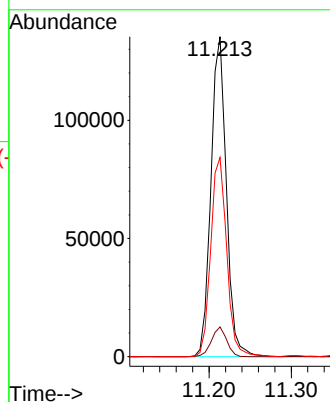
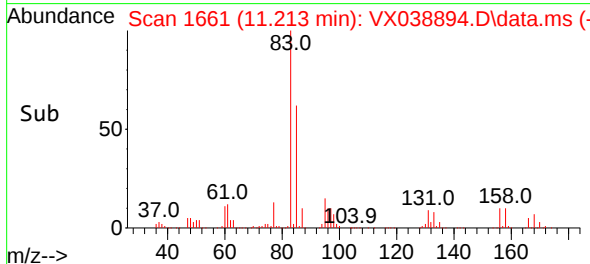
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



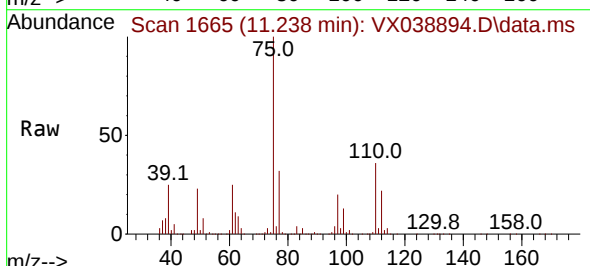
Tgt Ion: 83 Resp: 17653
Ion Ratio Lower Upper
83 100
131 9.2 5.3 15.8
85 64.5 32.0 96.2

Manual Integrations
APPROVED

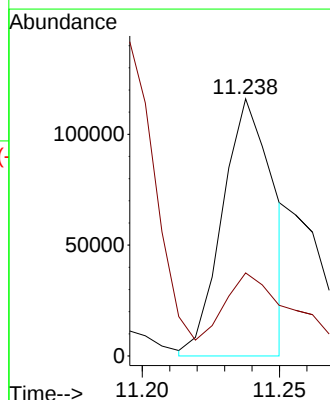
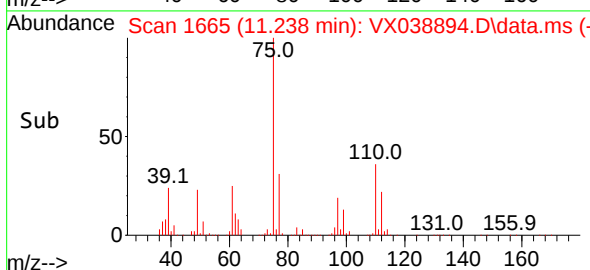
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

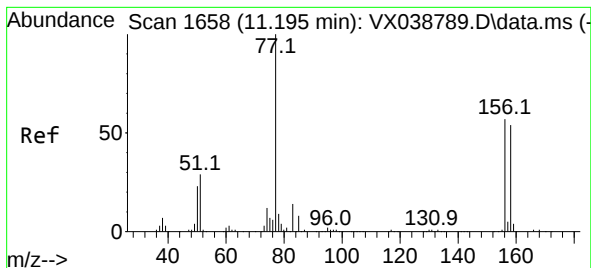


#76
1,2,3-Trichloropropane
Concen: 50.698 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX038894.D
Acq: 17 Nov 2023 22:30



Tgt Ion: 75 Resp: 149515
Ion Ratio Lower Upper
75 100
77 45.4 19.1 57.5





#77

Bromobenzene

Concen: 49.387 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX038894.D

Acq: 17 Nov 2023 22:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 10220

Ion Ratio Lower Upper

156 100

77 179.6 88.4 265.3

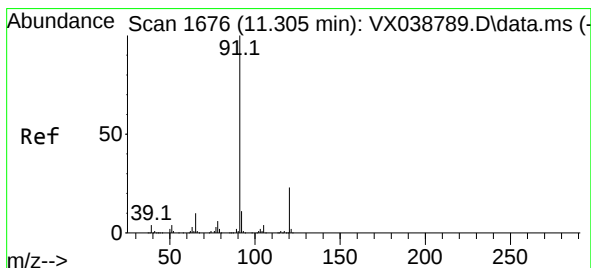
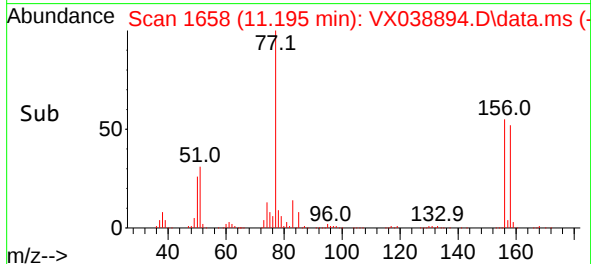
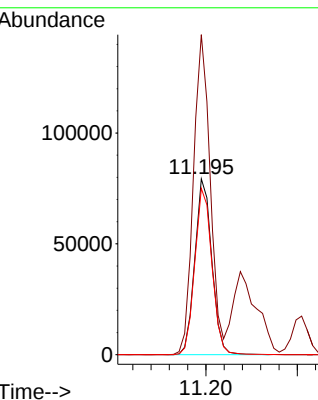
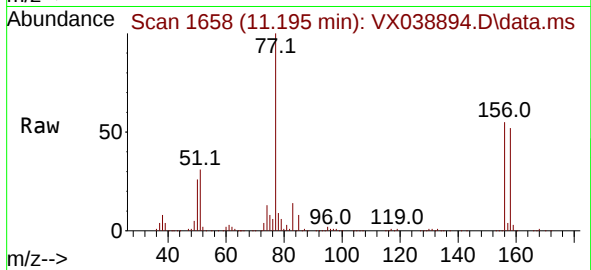
158 95.6 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#78

n-propylbenzene

Concen: 48.359 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX038894.D

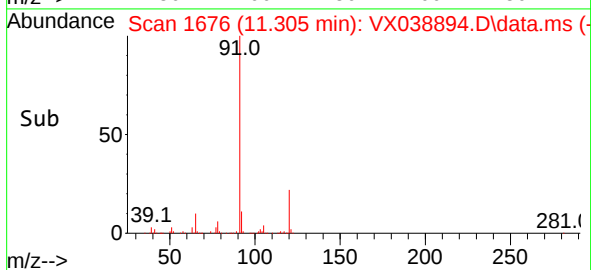
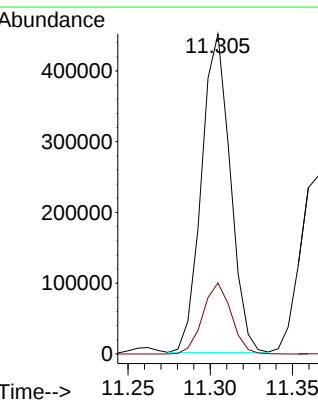
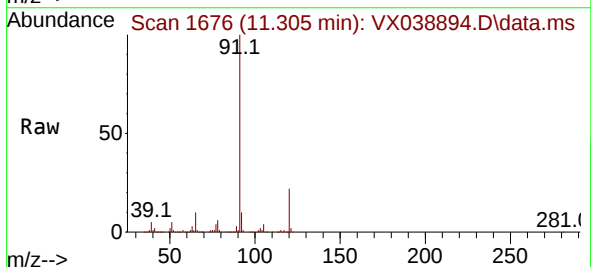
Acq: 17 Nov 2023 22:30

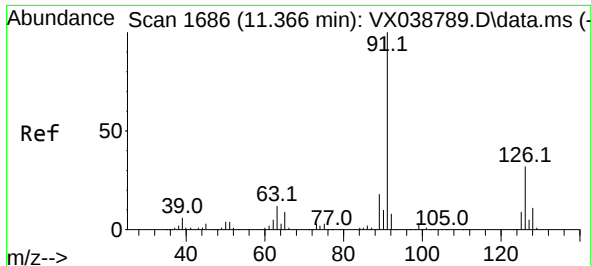
Tgt Ion: 91 Resp: 548203

Ion Ratio Lower Upper

91 100

120 22.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 47.546 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX038894.D

Acq: 17 Nov 2023 22:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 319870

Ion Ratio Lower Upper

91 100

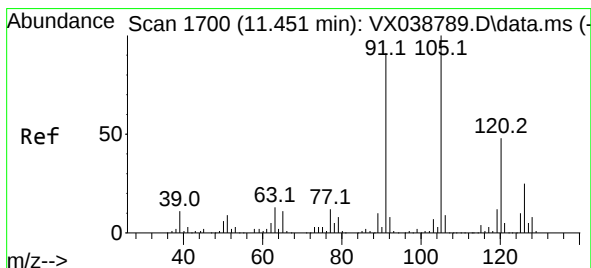
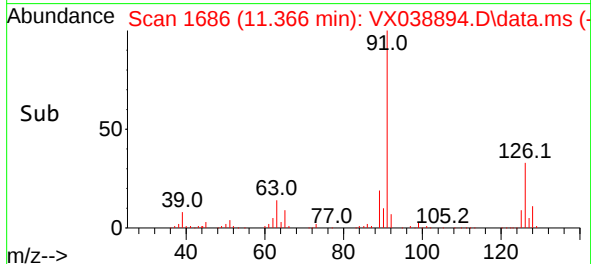
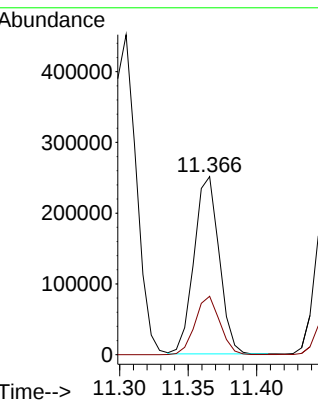
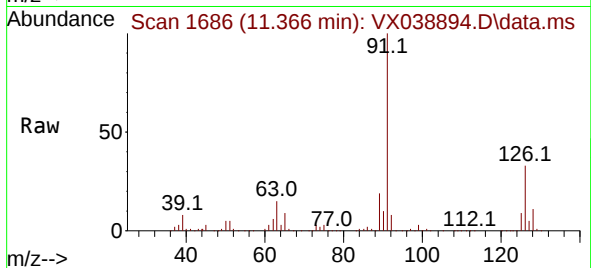
126 32.5 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#80

1,3,5-Trimethylbenzene

Concen: 49.388 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX038894.D

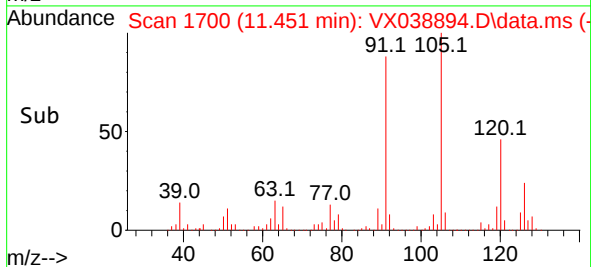
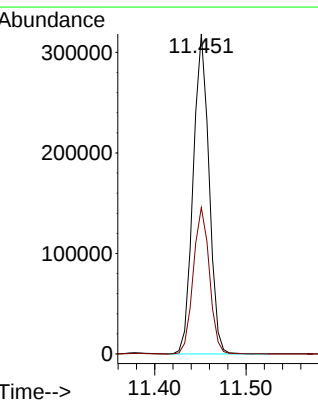
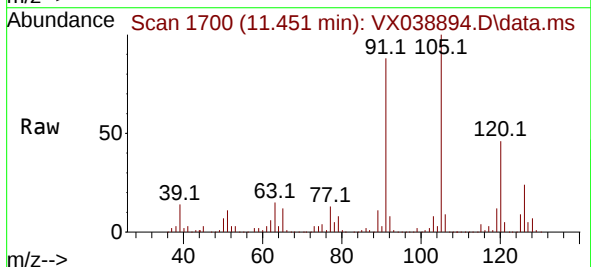
Acq: 17 Nov 2023 22:30

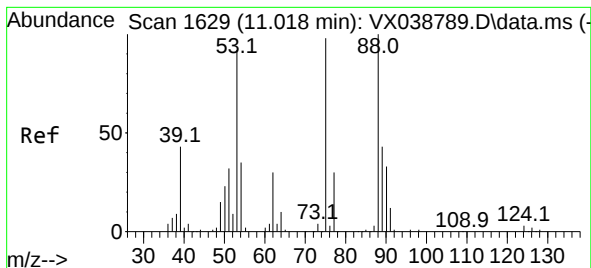
Tgt Ion:105 Resp: 382442

Ion Ratio Lower Upper

105 100

120 46.6 24.1 72.3





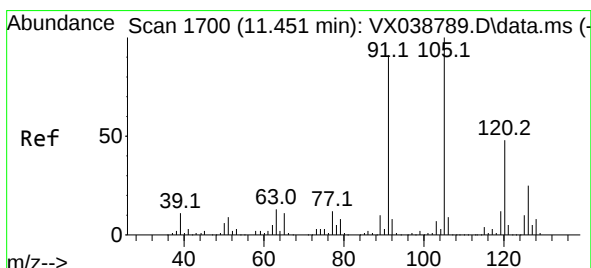
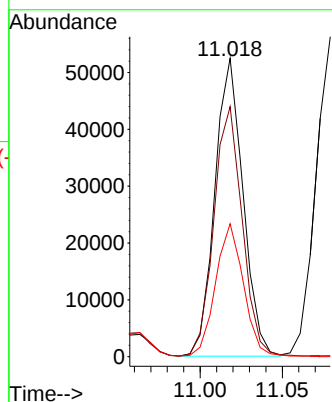
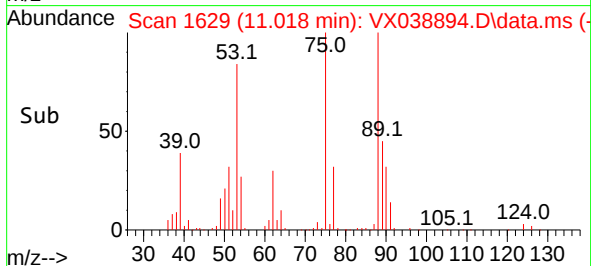
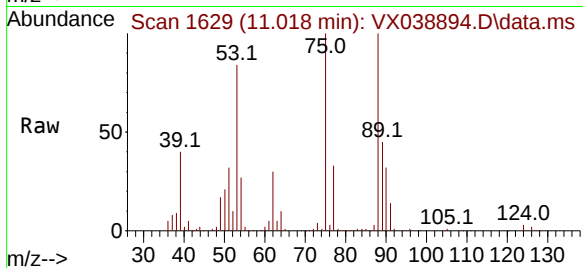
#81
trans-1,4-Dichloro-2-butene
Concen: 46.929 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX038894.D
Acq: 17 Nov 2023 22:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 62390
Ion Ratio Lower Upper
75 100
53 84.3 90.5 135.7
89 44.4 36.9 55.3

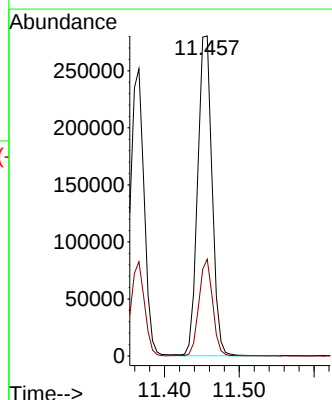
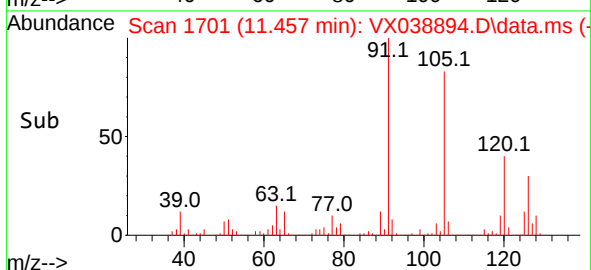
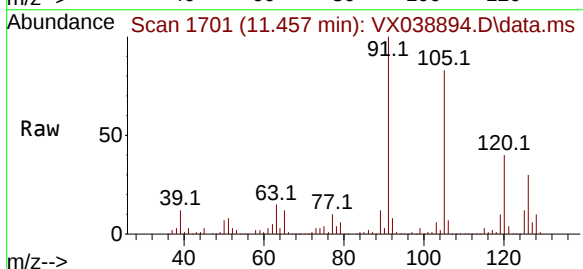
Manual Integrations
APPROVED

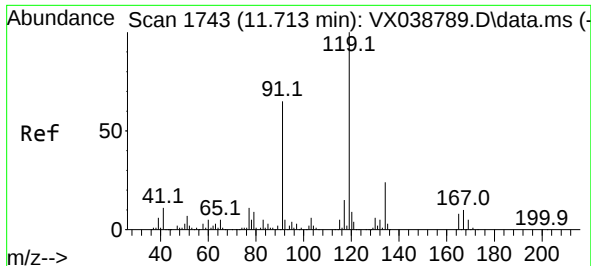
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#82
4-Chlorotoluene
Concen: 48.329 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX038894.D
Acq: 17 Nov 2023 22:30

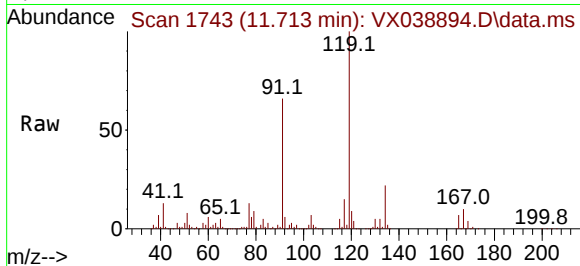
Tgt Ion: 91 Resp: 374900
Ion Ratio Lower Upper
91 100
126 28.7 14.2 42.6





#83
tert-Butylbenzene
Concen: 48.343 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX038894.D
Acq: 17 Nov 2023 22:30

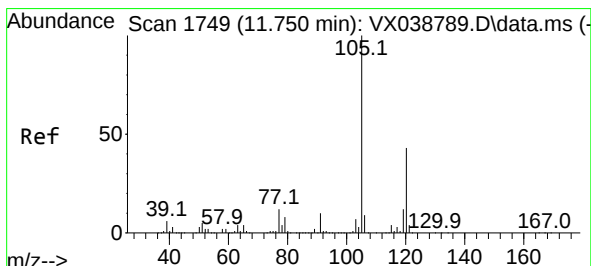
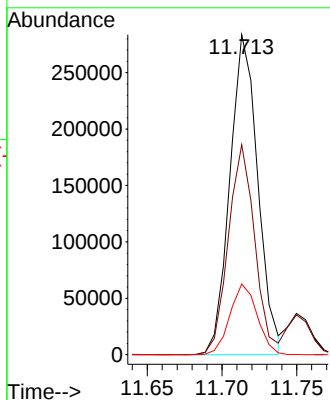
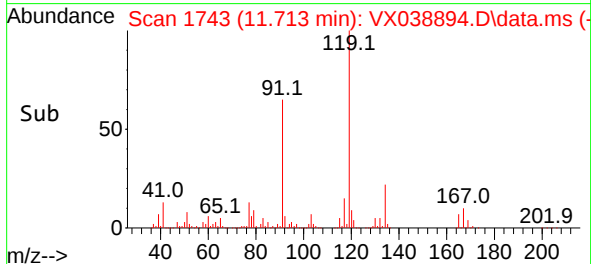
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:119 Resp: 368682
Ion Ratio Lower Upper
119 100
91 62.2 31.2 93.6
134 21.6 11.7 35.0

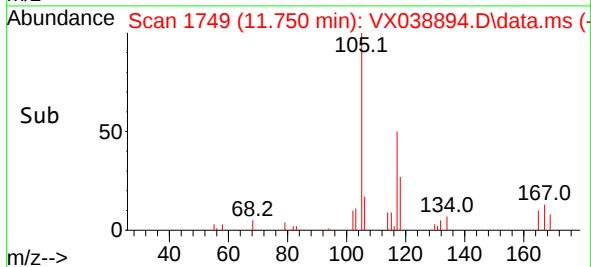
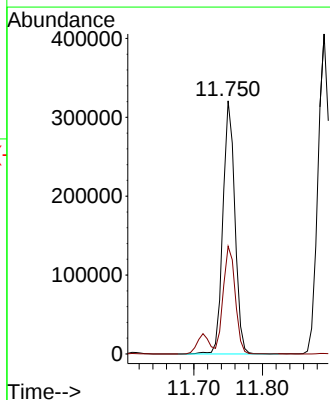
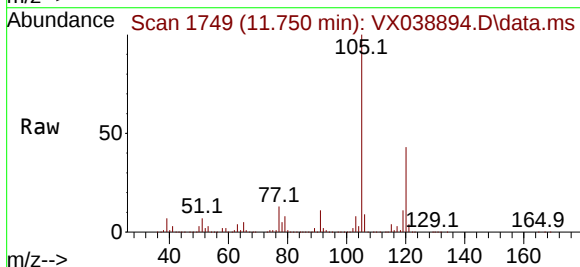
Manual Integrations
APPROVED

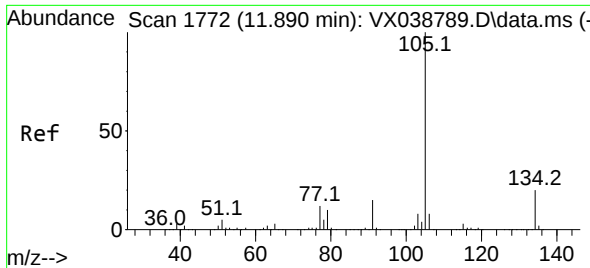
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#84
1,2,4-Trimethylbenzene
Concen: 49.276 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX038894.D
Acq: 17 Nov 2023 22:30

Tgt Ion:105 Resp: 386213
Ion Ratio Lower Upper
105 100
120 42.6 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 49.322 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX038894.D
 Acq: 17 Nov 2023 22:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

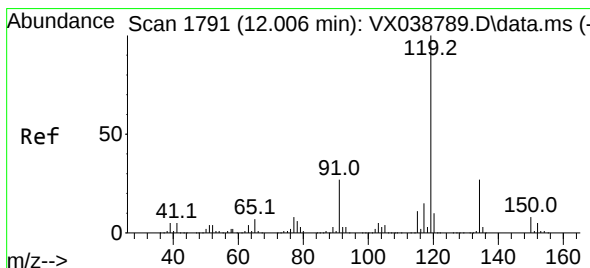
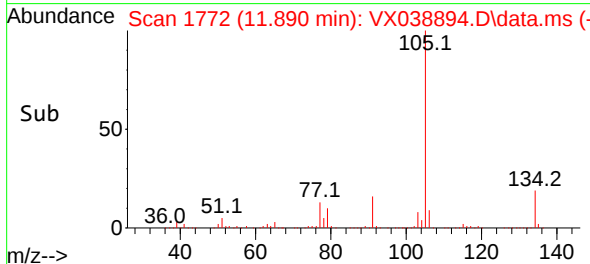
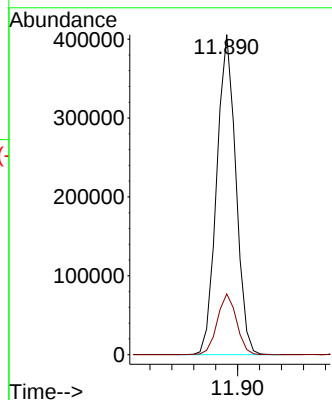
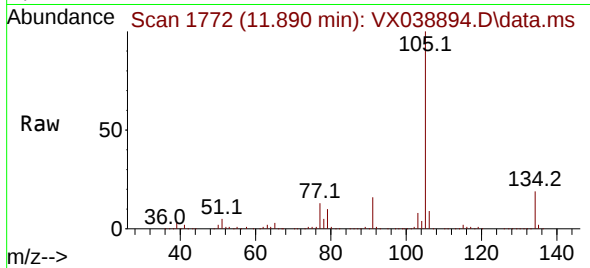
Tgt Ion:105 Resp: 49202
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.4

Manual Integrations

APPROVED

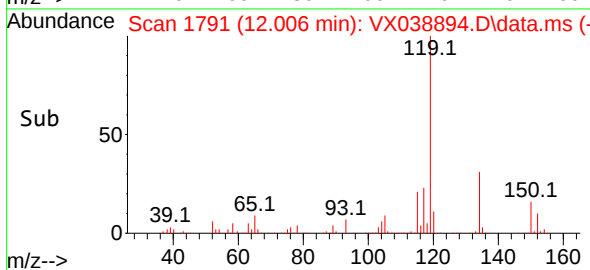
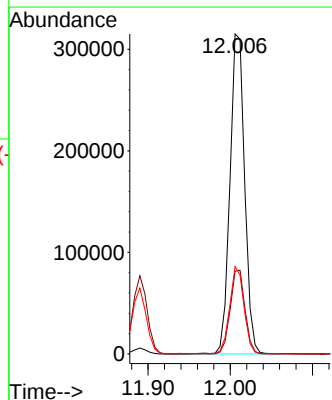
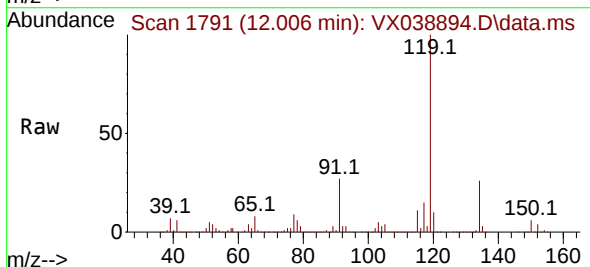
Reviewed By :John Carlone 11/18/2023

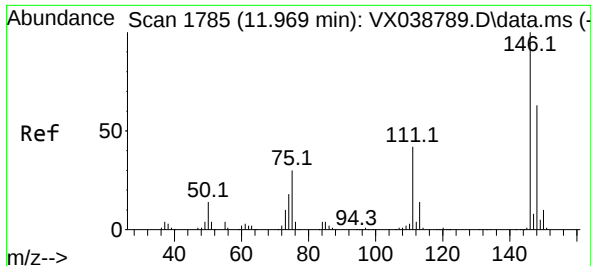
Supervised By :Mahesh Dadoda 11/20/2023



#86
 p-Isopropyltoluene
 Concen: 48.859 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX038894.D
 Acq: 17 Nov 2023 22:30

Tgt Ion:119 Resp: 391263
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.8 38.3
 91 26.3 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 48.689 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX038894.D

Acq: 17 Nov 2023 22:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 197300

Ion Ratio Lower Upper

146 100

111 44.4 22.1 66.1

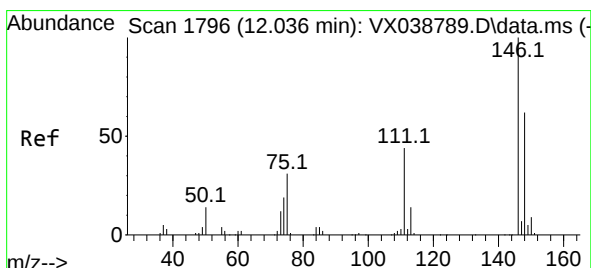
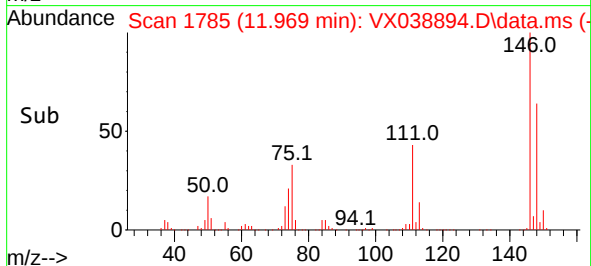
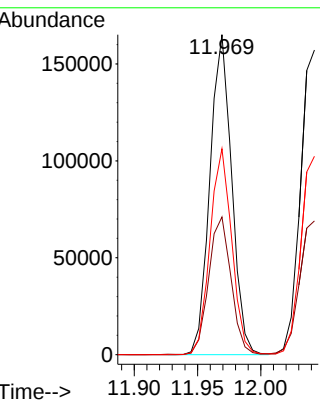
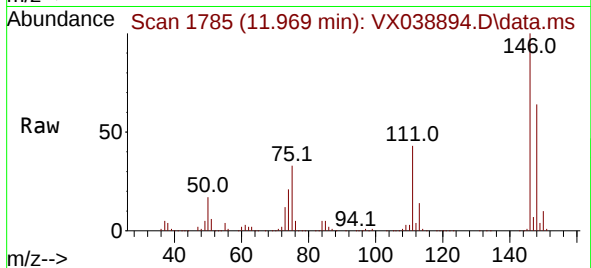
148 64.2 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#88

1,4-Dichlorobenzene

Concen: 47.774 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX038894.D

Acq: 17 Nov 2023 22:30

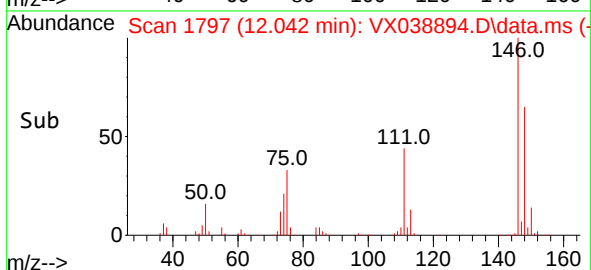
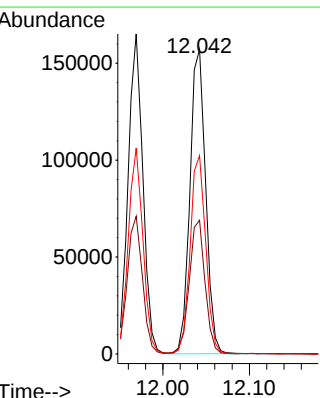
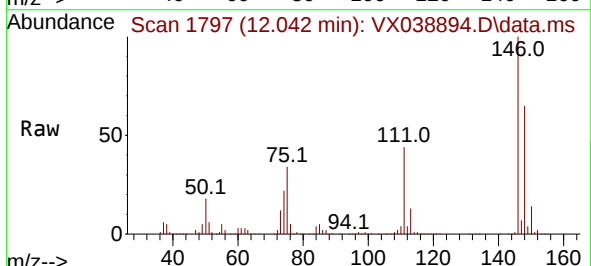
Tgt Ion:146 Resp: 198147

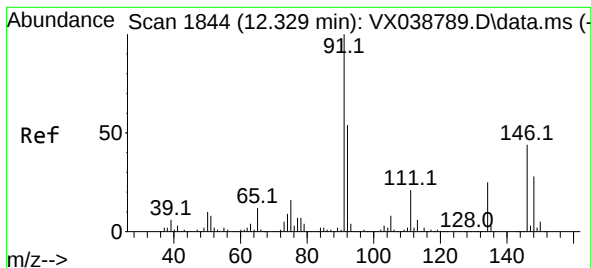
Ion Ratio Lower Upper

146 100

111 44.2 21.3 63.7

148 64.9 31.8 95.4





#89

n-Butylbenzene

Concen: 47.911 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX038894.D

Acq: 17 Nov 2023 22:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 38710

Ion Ratio Lower Upper

91 100

92 52.9 27.4 82.0

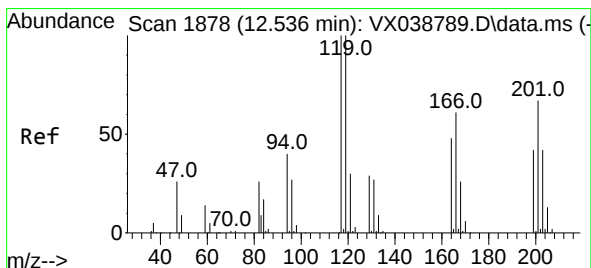
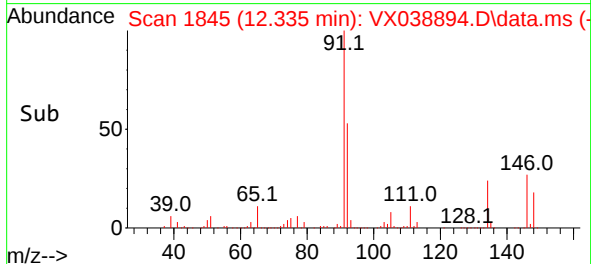
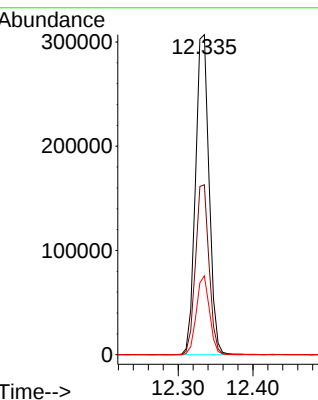
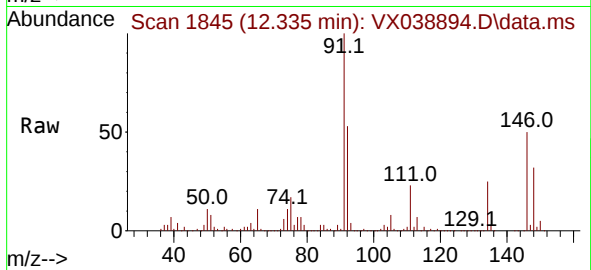
134 23.8 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#90

Hexachloroethane

Concen: 48.704 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX038894.D

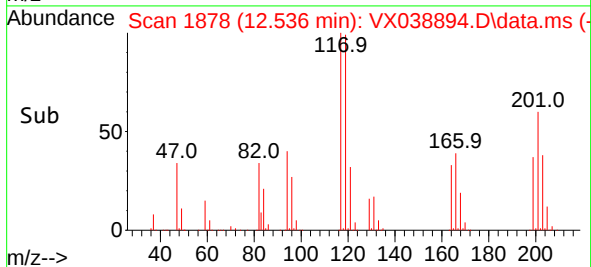
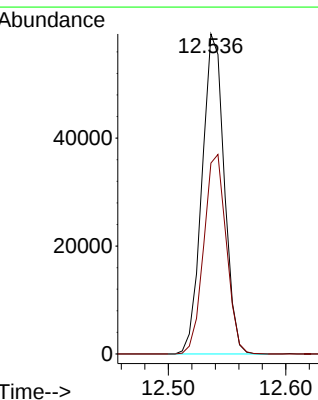
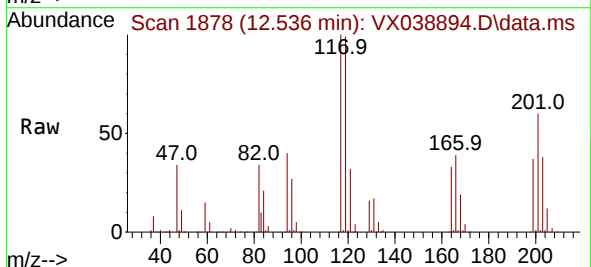
Acq: 17 Nov 2023 22:30

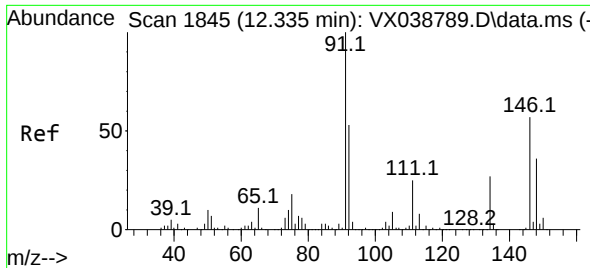
Tgt Ion:117 Resp: 77886

Ion Ratio Lower Upper

117 100

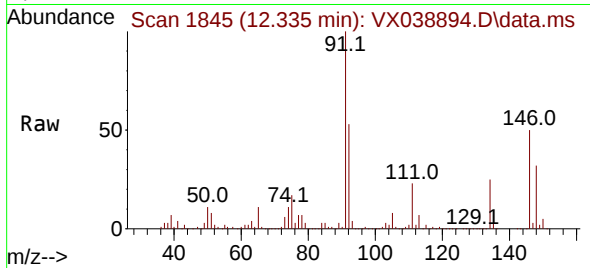
201 63.5 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 50.254 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX038894.D
Acq: 17 Nov 2023 22:30

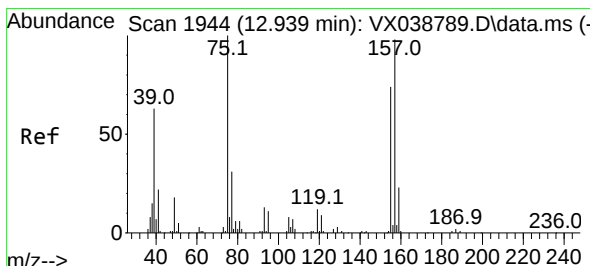
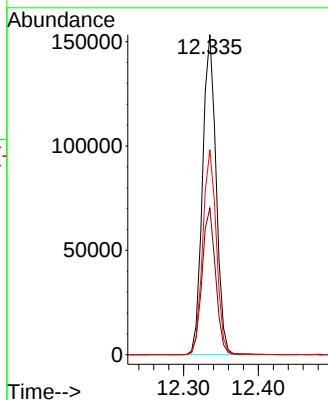
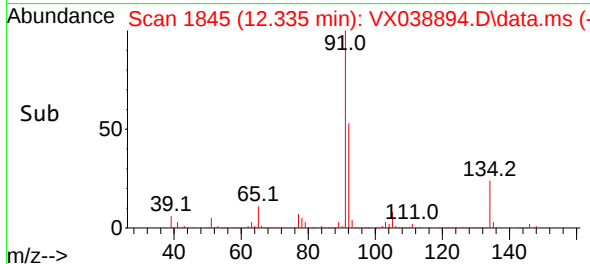
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



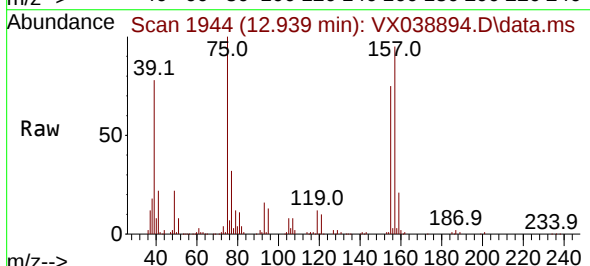
Tgt Ion:146 Resp: 19315
Ion Ratio Lower Upper
146 100
111 45.7 22.4 67.0
148 64.0 31.6 95.0

Manual Integrations
APPROVED

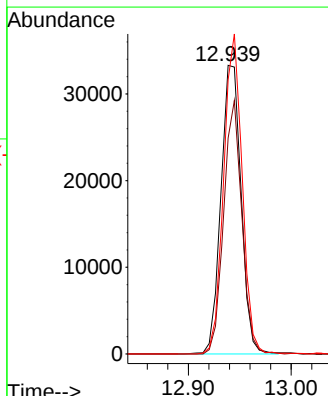
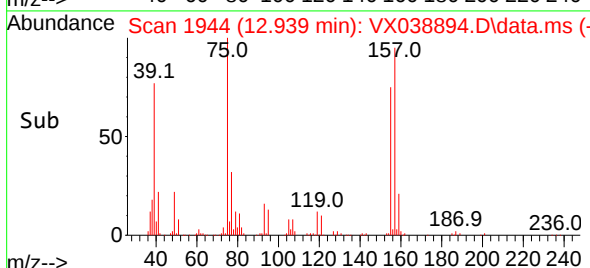
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

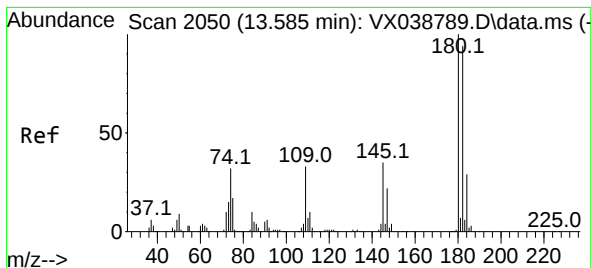


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.442 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX038894.D
Acq: 17 Nov 2023 22:30



Tgt Ion: 75 Resp: 45311
Ion Ratio Lower Upper
75 100
155 79.3 36.1 108.5
157 102.0 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 49.261 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX038894.D

Acq: 17 Nov 2023 22:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

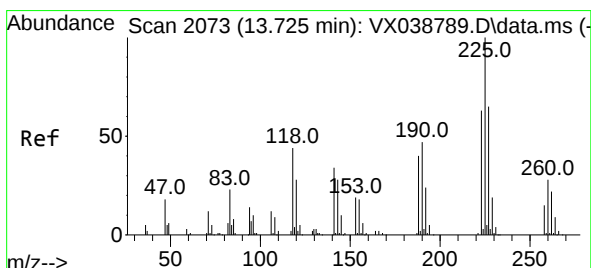
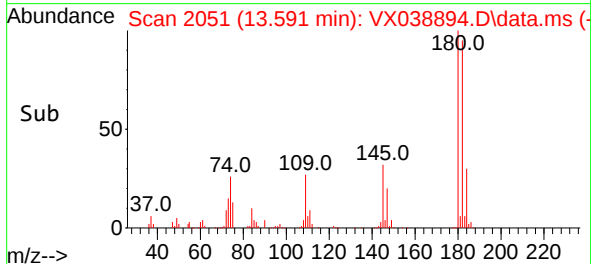
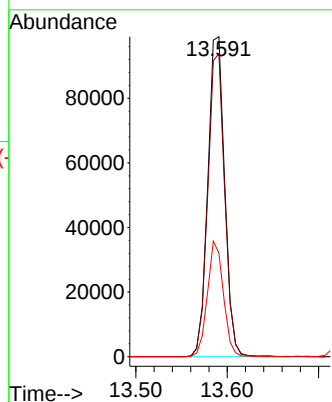
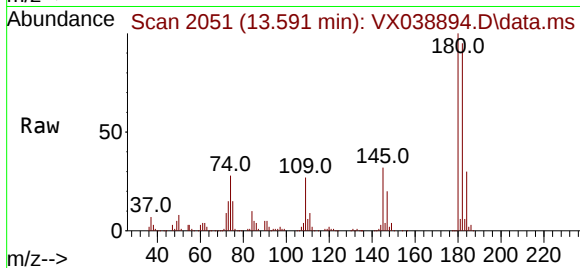
Tgt Ion:180	Resp:	12687
Ion Ratio	Lower	Upper
180	100	
182	94.6	48.3 144.8
145	34.2	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#94

Hexachlorobutadiene

Concen: 48.482 ug/l

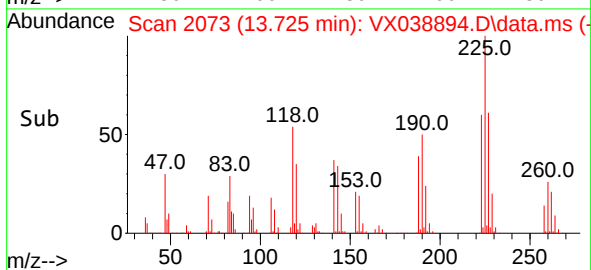
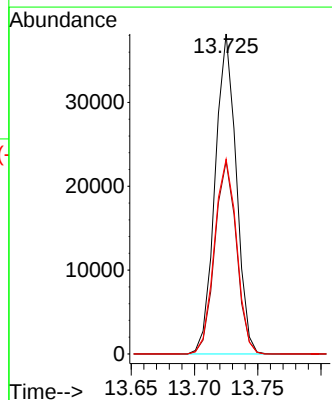
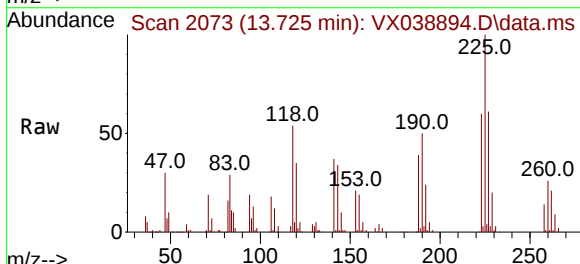
RT: 13.725 min Scan# 2073

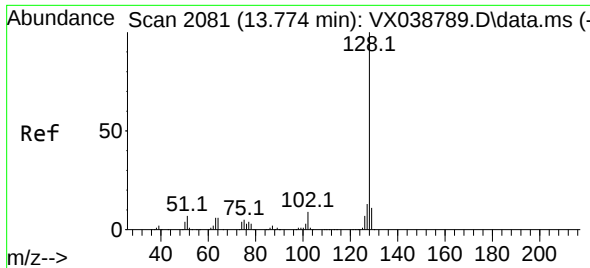
Delta R.T. -0.000 min

Lab File: VX038894.D

Acq: 17 Nov 2023 22:30

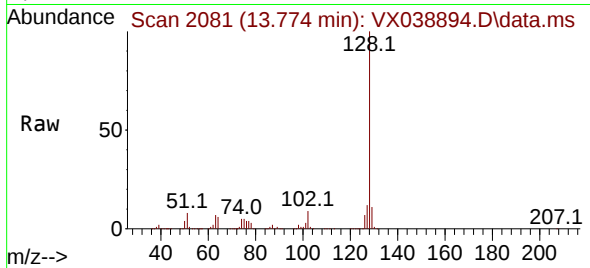
Tgt Ion:225	Resp:	44220
Ion Ratio	Lower	Upper
225	100	
223	61.8	31.1 93.2
227	64.3	32.5 97.5





#95
Naphthalene
Concen: 50.093 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX038894.D
Acq: 17 Nov 2023 22:30

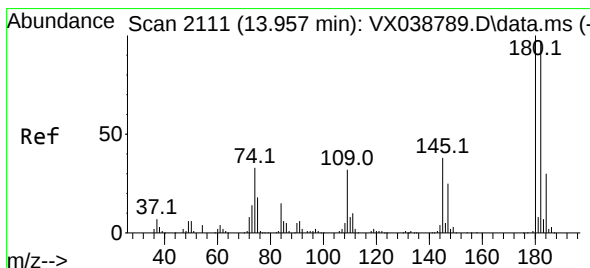
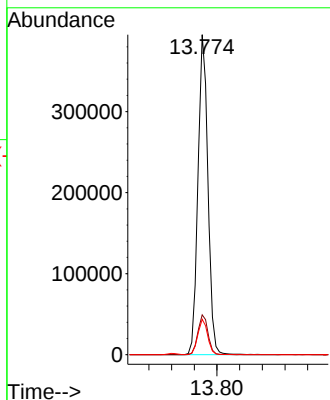
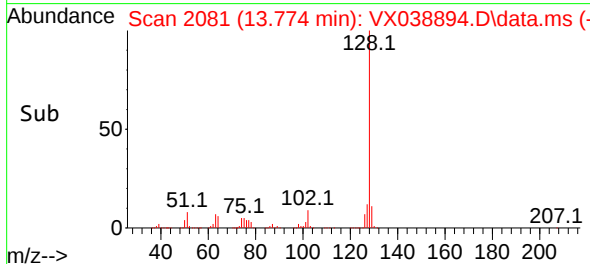
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 48052
Ion Ratio Lower Upper
128 100
127 12.7 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: 50.520 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX038894.D
Acq: 17 Nov 2023 22:30

Tgt Ion:180 Resp: 123347
Ion Ratio Lower Upper
180 100
182 93.9 46.9 140.6
145 35.6 17.8 53.5

