

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111423\
 Data File : VX038795.D
 Acq On : 14 Nov 2023 10:52
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/15/2023
 Supervised By : Mahesh Dadoda 11/15/2023

Quant Time: Nov 14 18:26:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 14 09:15:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	125224	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	218278	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	202389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	105590	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	84048	47.178	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.360%		
35) Dibromofluoromethane	5.379	113	72579	48.400	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.800%		
50) Toluene-d8	8.647	98	274960	49.502	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.000%		
62) 4-Bromofluorobenzene	11.079	95	115975	49.938	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.880%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	70441	49.738	ug/l	99
3) Chloromethane	1.295	50	66894	45.479	ug/l	96
4) Vinyl Chloride	1.374	62	60416	46.885	ug/l	100
5) Bromomethane	1.599	94	35729	52.650	ug/l	94
6) Chloroethane	1.685	64	34923	44.917	ug/l	96
7) Trichlorofluoromethane	1.886	101	87178	45.378	ug/l	98
8) Diethyl Ether	2.130	74	31275	43.484	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.325	101	67029	47.983	ug/l	95
10) Methyl Iodide	2.453	142	85099	46.990	ug/l	89
11) Tert butyl alcohol	2.953	59	99282	218.093	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	66104	46.023	ug/l	83
13) Acrolein	2.233	56	68490	226.366	ug/l	100
14) Allyl chloride	2.660	41	120807	46.910	ug/l	88
15) Acrylonitrile	3.056	53	226389	228.234	ug/l	99
16) Acetone	2.374	43	247345	259.101	ug/l #	88
17) Carbon Disulfide	2.508	76	185695	47.638	ug/l	99
18) Methyl Acetate	2.697	43	197654	44.612	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	212054	45.844	ug/l	98
20) Methylene Chloride	2.788	84	71212	39.885	ug/l	90
21) trans-1,2-Dichloroethene	3.087	96	70749	45.596	ug/l	95
22) Diisopropyl ether	3.751	45	212224	45.301	ug/l	91
23) Vinyl Acetate	3.715	43	766152	240.756	ug/l	96
24) 1,1-Dichloroethane	3.605	63	119613	44.528	ug/l	98
25) 2-Butanone	4.544	43	335725	236.652	ug/l	95
26) 2,2-Dichloropropane	4.471	77	97235	48.569	ug/l	94
27) cis-1,2-Dichloroethene	4.483	96	80013	45.106	ug/l	91
28) Bromochloromethane	4.891	49	60230	49.569	ug/l	86
29) Tetrahydrofuran	4.995	42	207676	228.119	ug/l	94
30) Chloroform	5.087	83	123585	43.733	ug/l	97
31) Cyclohexane	5.465	56	112462	46.351	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	107243	46.066	ug/l	97
36) 1,1-Dichloropropene	5.690	75	95985	45.528	ug/l	97
37) Ethyl Acetate	4.702	43	115562	47.804	ug/l #	94
38) Carbon Tetrachloride	5.672	117	92511	47.469	ug/l	97
39) Methylcyclohexane	7.373	83	123817	47.518	ug/l	94
40) Benzene	6.031	78	275647	45.025	ug/l	97

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Manual Integrations
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Reviewed By :John Carlone 11/15/2023
 Supervised By :Mahesh Dadoda 11/15/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	61362	47.646	ug/l	93
42) 1,2-Dichloroethane	6.080	62	92566	44.339	ug/l	95
43) Isopropyl Acetate	6.330	43	173179	47.555	ug/l	95
44) Trichloroethene	7.123	130	76244	45.778	ug/l	98
45) 1,2-Dichloropropane	7.428	63	70150	46.221	ug/l	99
46) Dibromomethane	7.580	93	49615	46.032	ug/l	95
47) Bromodichloromethane	7.818	83	92308	45.884	ug/l	95
48) Methyl methacrylate	7.690	41	85485	47.964	ug/l	89
49) 1,4-Dioxane	7.653	88	37598	1037.621	ug/l #	97
51) 4-Methyl-2-Pentanone	8.568	43	572639	232.708	ug/l	95
52) Toluene	8.714	92	176244	46.600	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	105143	49.918	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	114624	48.894	ug/l #	89
55) 1,1,2-Trichloroethane	9.147	97	71345	45.044	ug/l	95
56) Ethyl methacrylate	9.110	69	116330	47.267	ug/l #	90
57) 1,3-Dichloropropane	9.305	76	117143	45.353	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	234139	197.565	ug/l	98
59) 2-Hexanone	9.427	43	468939	236.479	ug/l	94
60) Dibromochloromethane	9.519	129	74117	48.671	ug/l	100
61) 1,2-Dibromoethane	9.610	107	77847	45.662	ug/l	100
64) Tetrachloroethene	9.269	164	60412	46.732	ug/l	96
65) Chlorobenzene	10.073	112	191865	46.368	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	66611	47.080	ug/l	97
67) Ethyl Benzene	10.189	91	339984	46.214	ug/l	100
68) m/p-Xylenes	10.299	106	262601	93.605	ug/l	99
69) o-Xylene	10.640	106	129178	47.451	ug/l	98
70) Styrene	10.653	104	213867	46.957	ug/l	98
71) Bromoform	10.799	173	53228	48.545	ug/l #	98
73) Isopropylbenzene	10.964	105	336152	45.777	ug/l	99
74) N-amyl acetate	10.842	43	145287	47.645	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	115887	43.611	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	101982m	45.233	ug/l	
77) Bromobenzene	11.195	156	78244	44.770	ug/l	98
78) n-propylbenzene	11.305	91	401959	45.765	ug/l	99
79) 2-Chlorotoluene	11.360	91	241709	44.881	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	291750	46.226	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	36895	47.023	ug/l	86
82) 4-Chlorotoluene	11.451	91	283220	45.681	ug/l	99
83) tert-Butylbenzene	11.713	119	279561	45.722	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	290652	45.868	ug/l	96
85) sec-Butylbenzene	11.890	105	364248	45.984	ug/l	100
86) p-Isopropyltoluene	12.006	119	302730	46.876	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	157226	44.694	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	156929	44.027	ug/l	99
89) n-Butylbenzene	12.329	91	281423	46.778	ug/l	99
90) Hexachloroethane	12.536	117	50381	48.855	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	146147	43.957	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	29985	47.305	ug/l	85
93) 1,2,4-Trichlorobenzene	13.585	180	98561	46.038	ug/l	98
94) Hexachlorobutadiene	13.725	225	39101	47.934	ug/l	99
95) Naphthalene	13.774	128	352152	45.805	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	95330	45.250	ug/l	100

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ClientSampleId :
VSTDCCC050

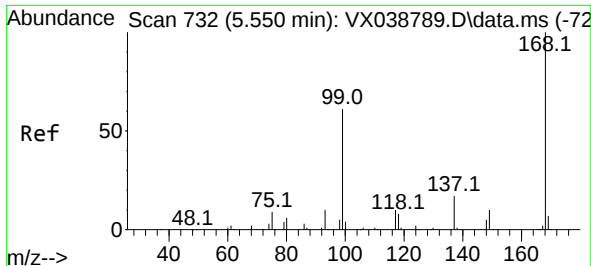
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 11/15/2023

Quant Time: Nov 14 18:26:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111423W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 14 09:15:55 2023
Response via : Initial Calibration

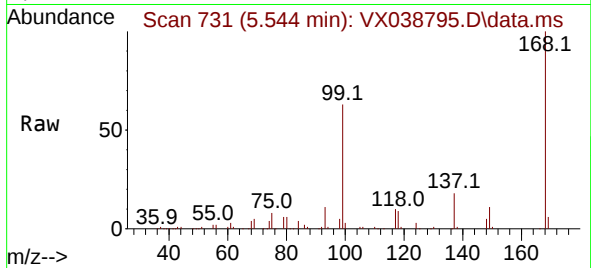
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038795.D
Acq: 14 Nov 2023 10:52

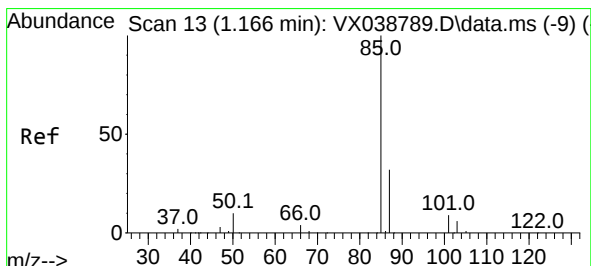
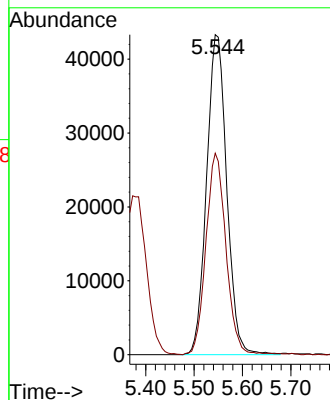
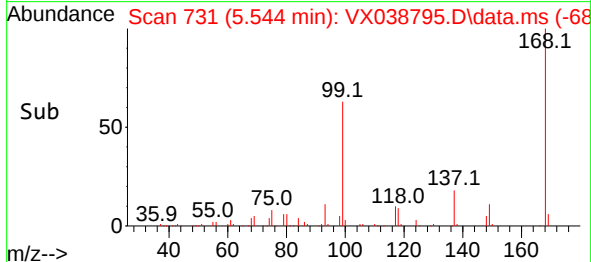
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 125224
Ion Ratio Lower Upper
168 100
99 62.8 56.6 85.0

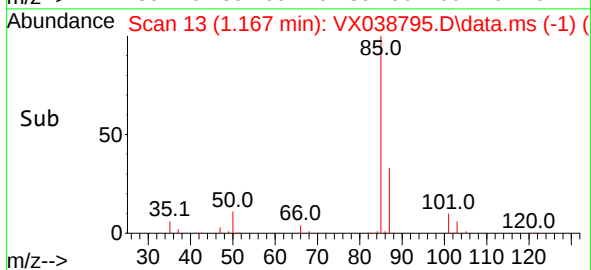
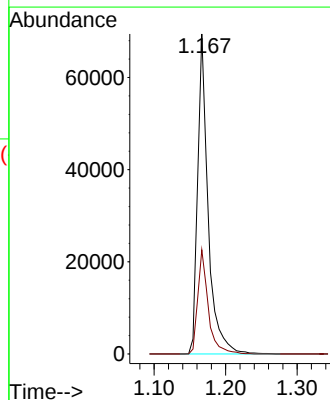
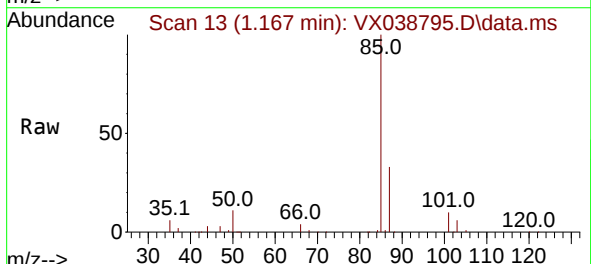
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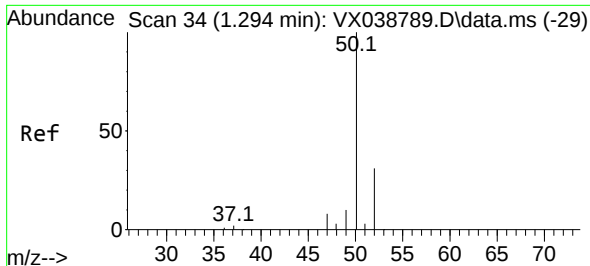
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#2
Dichlorodifluoromethane
Concen: 49.738 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX038795.D
Acq: 14 Nov 2023 10:52

Tgt Ion: 85 Resp: 70441
Ion Ratio Lower Upper
85 100
87 32.6 16.7 50.1





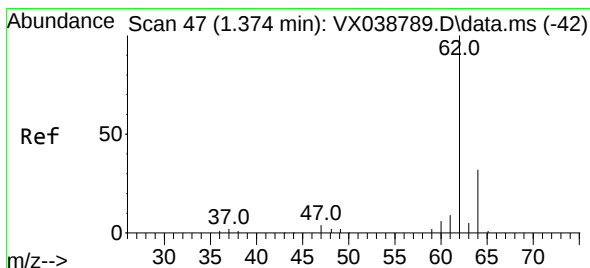
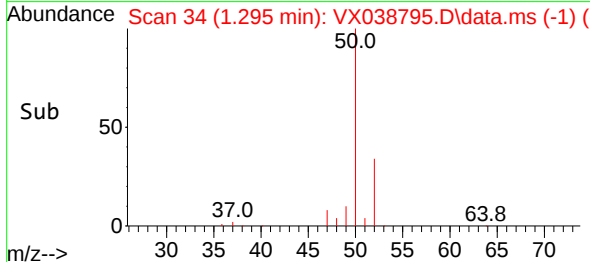
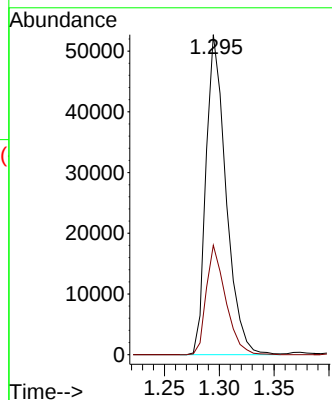
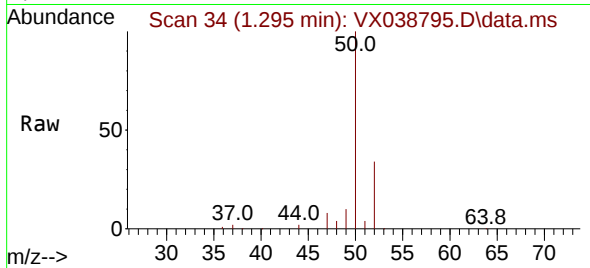
#3
Chloromethane
Concen: 45.479 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX038795.D
Acq: 14 Nov 2023 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 66894
Ion Ratio Lower Upper
50 100
52 34.2 25.5 38.3

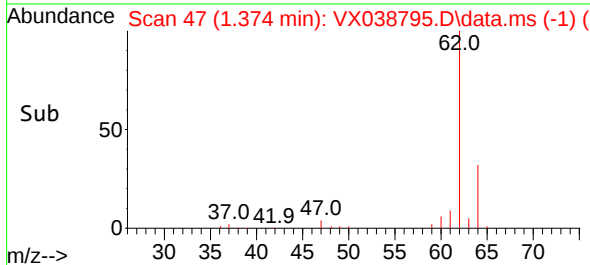
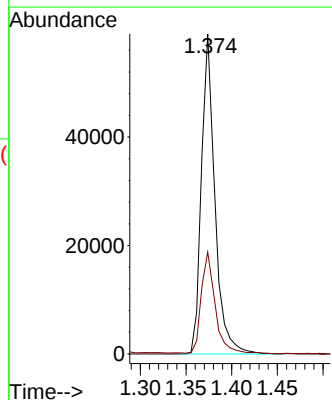
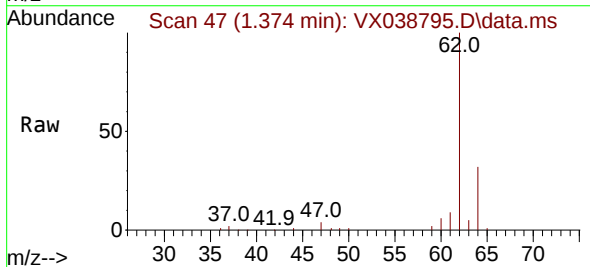
Manual Integrations
APPROVED

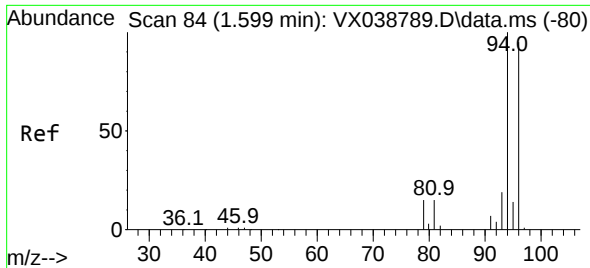
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#4
Vinyl Chloride
Concen: 46.885 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038795.D
Acq: 14 Nov 2023 10:52

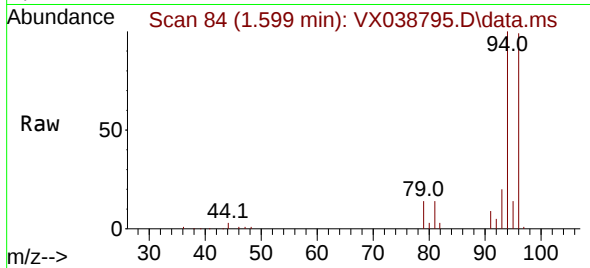
Tgt Ion: 62 Resp: 60416
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.0





#5
Bromomethane
Concen: 52.650 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX038795.D
Acq: 14 Nov 2023 10:52

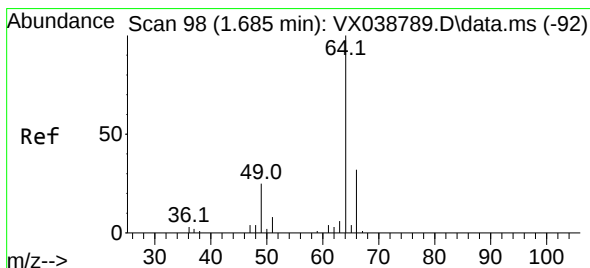
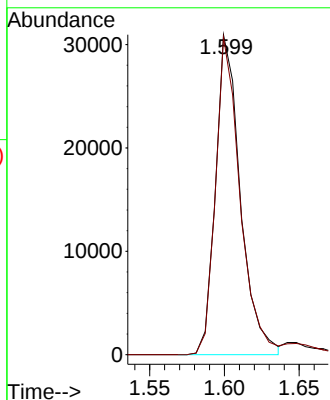
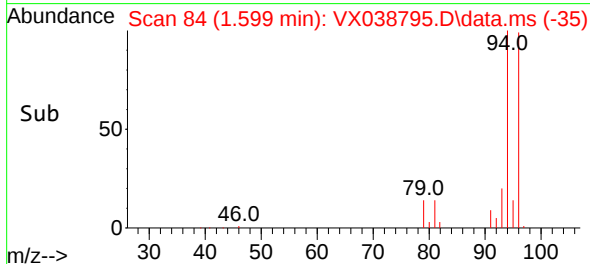
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 94 Resp: 35729
Ion Ratio Lower Upper
94 100
96 99.2 74.6 111.8

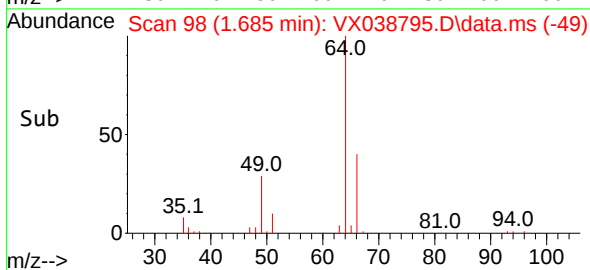
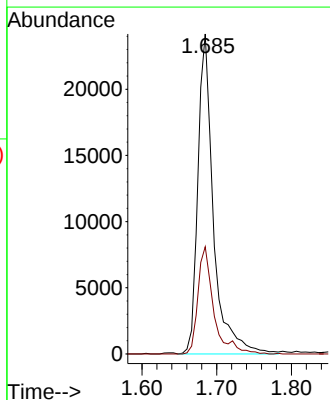
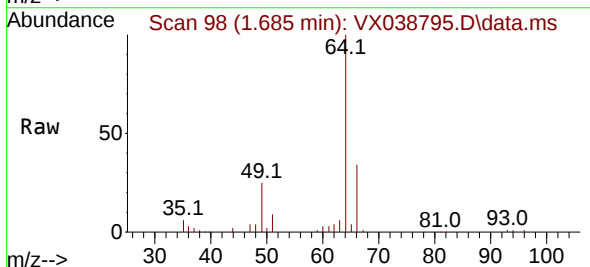
Manual Integrations
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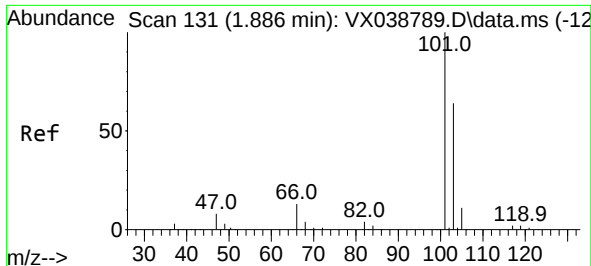
Reviewed By :John Carlone 11/15/2023
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#6
Chloroethane
Concen: 44.917 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX038795.D
Acq: 14 Nov 2023 10:52

Tgt Ion: 64 Resp: 34923
Ion Ratio Lower Upper
64 100
66 33.5 25.1 37.7





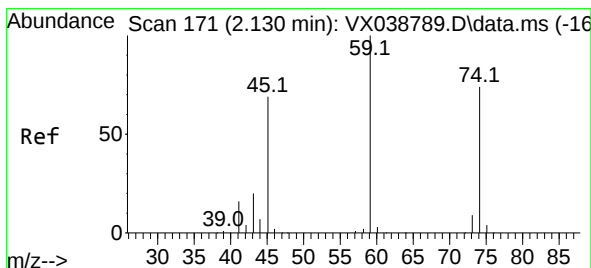
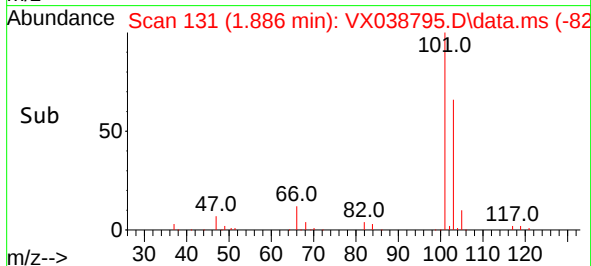
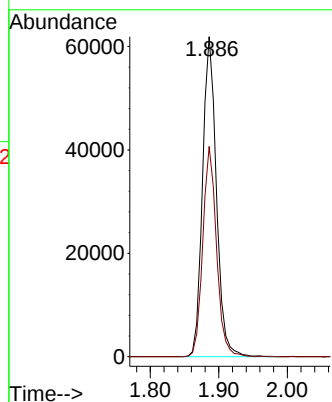
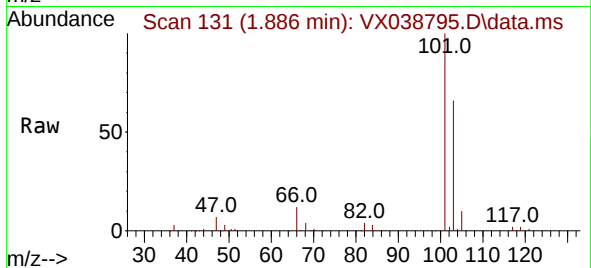
#7
Trichlorofluoromethane
Concen: 45.378 ug/l
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX038795.D
Acq: 14 Nov 2023 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 87178
Ion Ratio Lower Upper
101 100
103 65.7 51.4 77.2

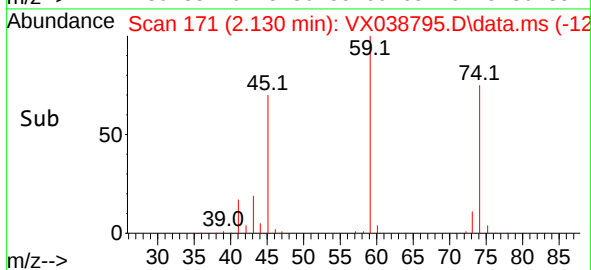
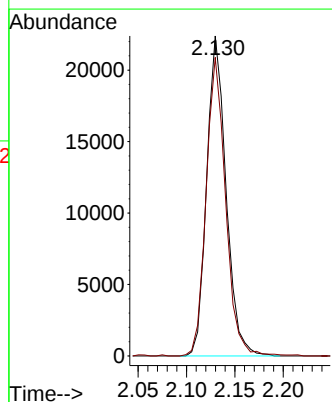
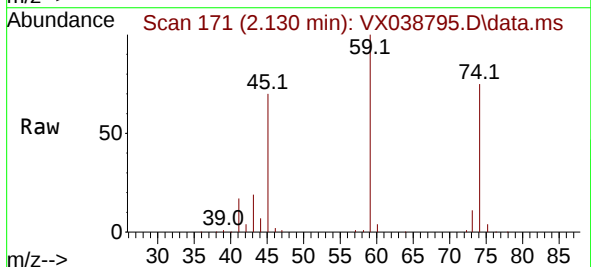
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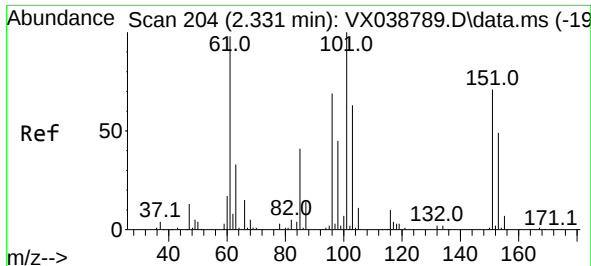
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#8
Diethyl Ether
Concen: 43.484 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX038795.D
Acq: 14 Nov 2023 10:52

Tgt Ion: 74 Resp: 31275
Ion Ratio Lower Upper
74 100
45 94.0 53.3 159.8





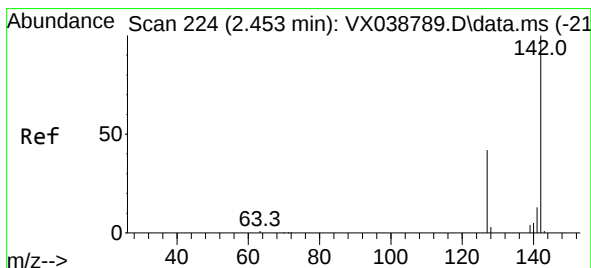
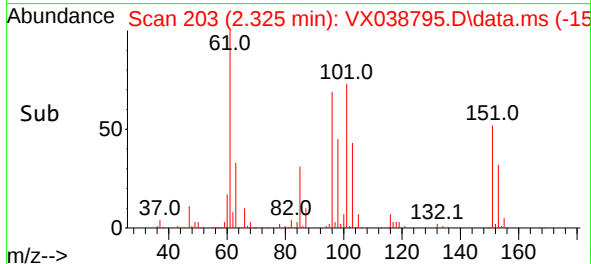
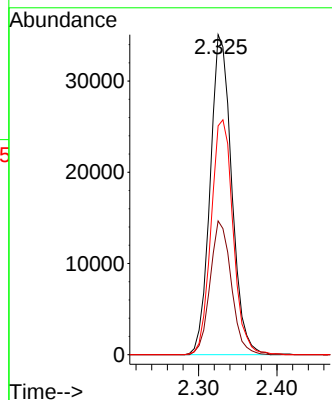
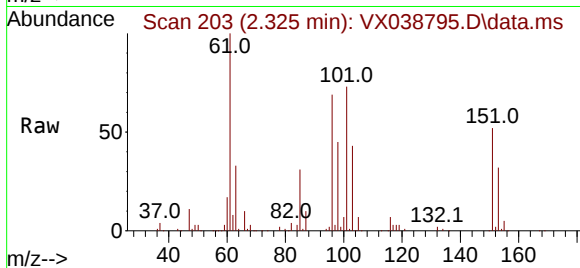
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.983 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX038795.D
Acq: 14 Nov 2023 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 67029
Ion Ratio Lower Upper
101 100
85 40.9 37.0 55.6
151 75.2 58.6 87.8

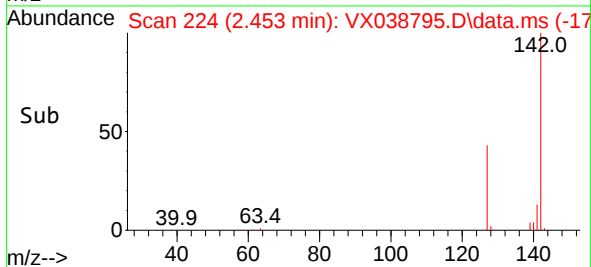
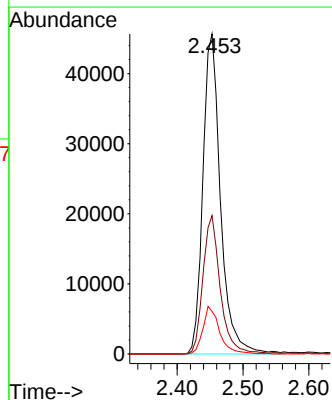
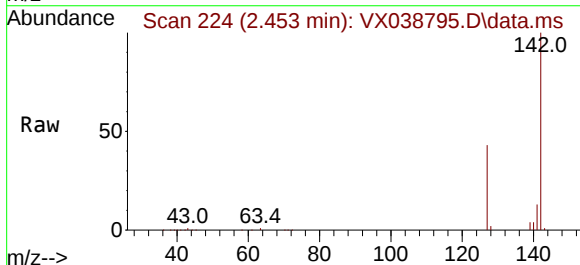
Manual Integrations
APPROVED

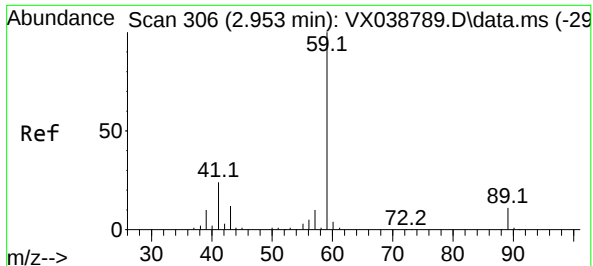
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#10
Methyl Iodide
Concen: 46.990 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX038795.D
Acq: 14 Nov 2023 10:52

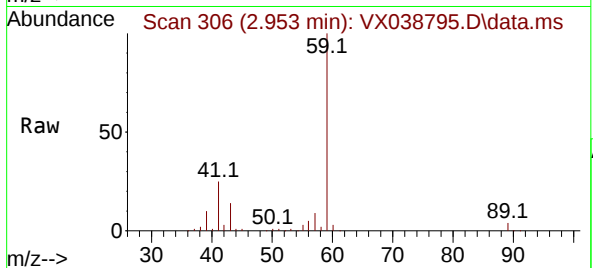
Tgt Ion:142 Resp: 85099
Ion Ratio Lower Upper
142 100
127 42.5 41.6 62.4
141 14.1 11.6 17.4





#11
Tert butyl alcohol
Concen: 218.093 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX038795.D
Acq: 14 Nov 2023 10:52

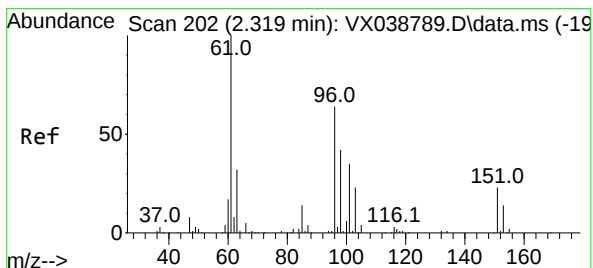
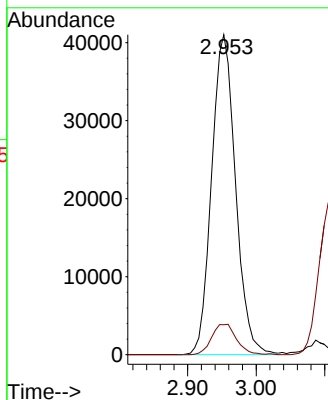
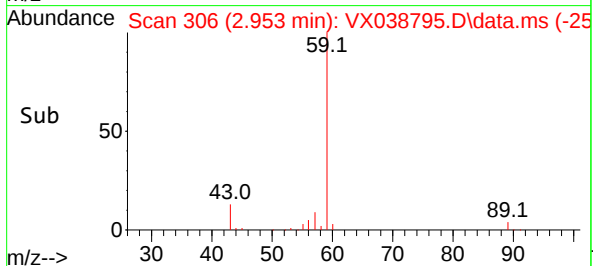
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



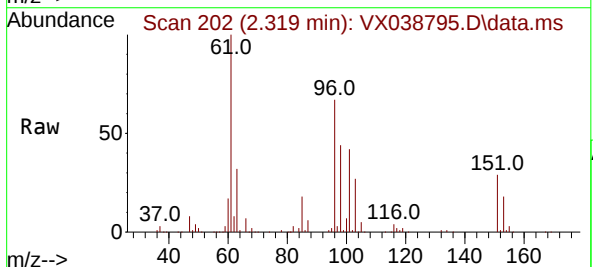
Tgt Ion: 59 Resp: 9928
Ion Ratio Lower Upper
59 100
57 9.9 6.0 9.0

Manual Integrations
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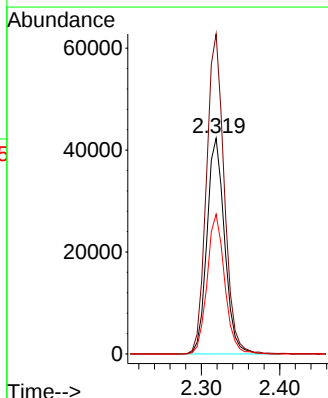
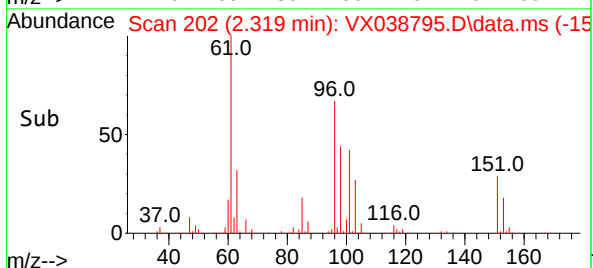
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023

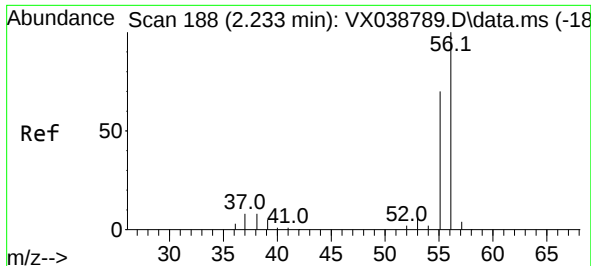


#12
1,1-Dichloroethene
Concen: 46.023 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX038795.D
Acq: 14 Nov 2023 10:52



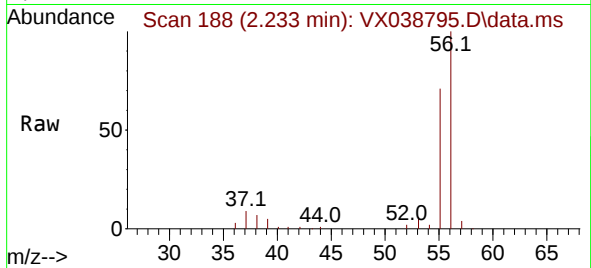
Tgt Ion: 96 Resp: 66104
Ion Ratio Lower Upper
96 100
61 148.4 144.6 216.8
98 64.7 50.4 75.6





#13
Acrolein
Concen: 226.366 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038795.D
Acq: 14 Nov 2023 10:52

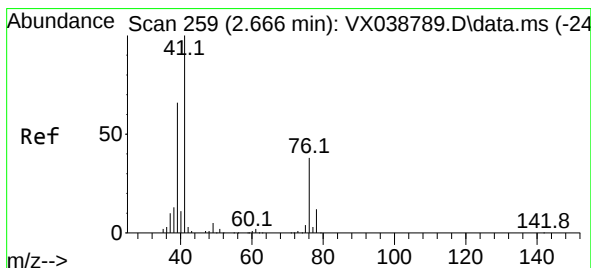
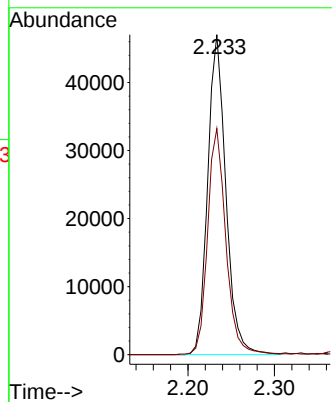
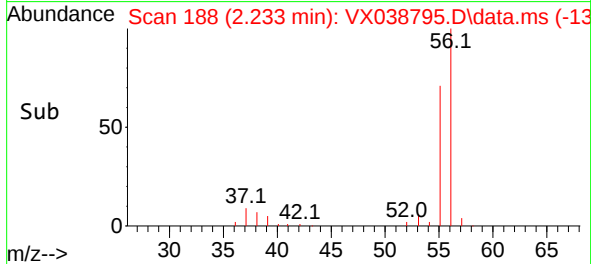
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 68490
Ion Ratio Lower Upper
56 100
55 71.1 57.1 85.7

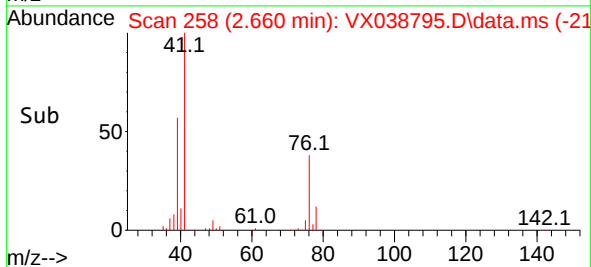
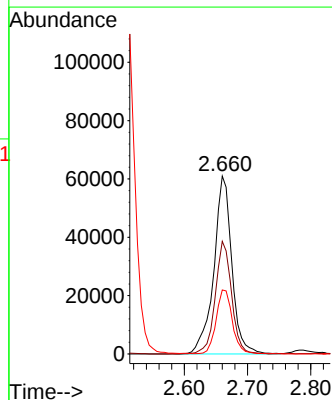
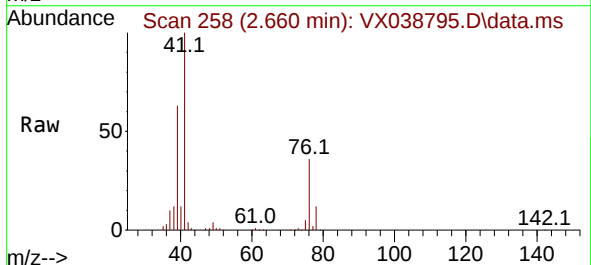
Manual Integrations
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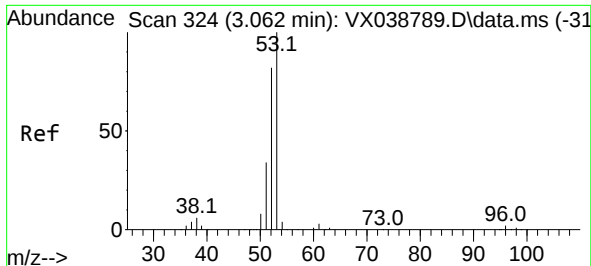
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#14
Allyl chloride
Concen: 46.910 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX038795.D
Acq: 14 Nov 2023 10:52

Tgt Ion: 41 Resp: 120807
Ion Ratio Lower Upper
41 100
39 57.1 55.8 83.6
76 32.4 24.3 36.5





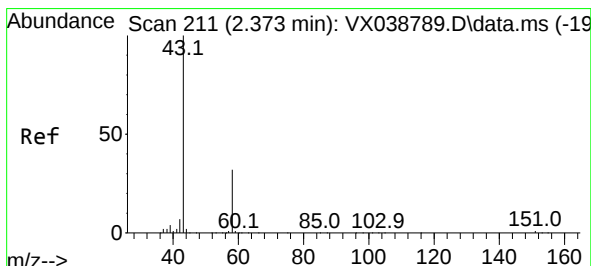
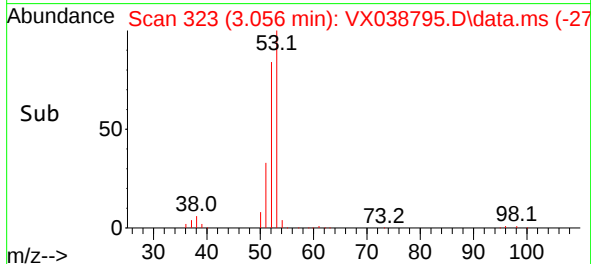
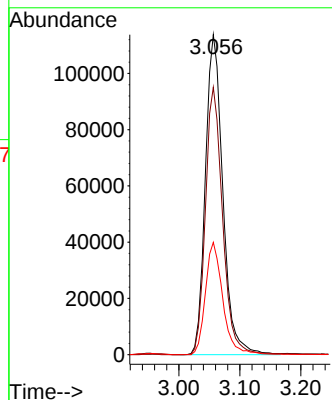
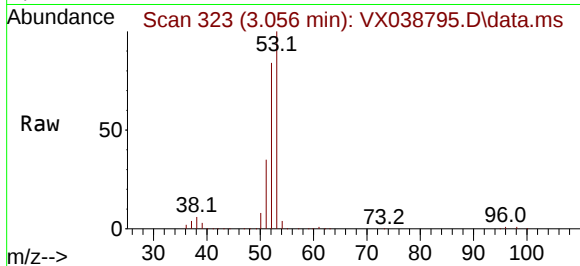
#15
Acrylonitrile
Concen: 228.234 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX038795.D
Acq: 14 Nov 2023 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 226389
Ion Ratio Lower Upper
53 100
52 82.3 66.0 99.0
51 35.0 29.8 44.6

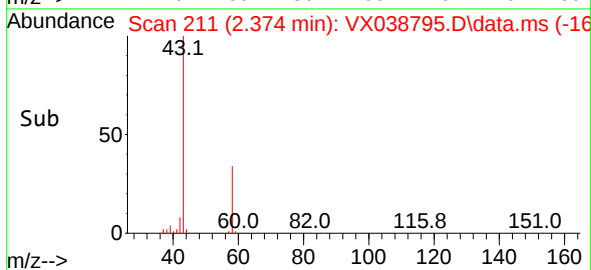
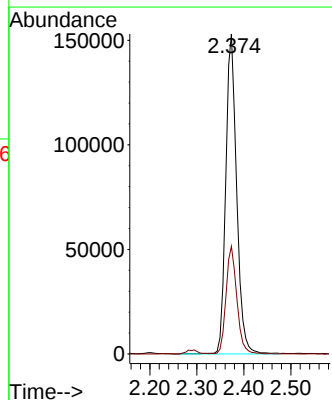
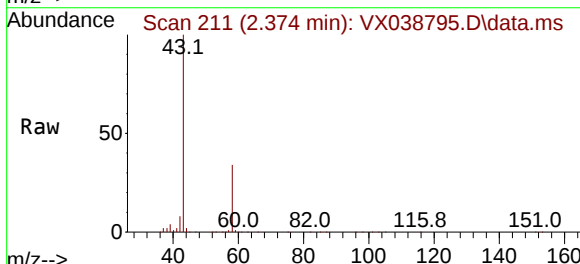
Manual Integrations
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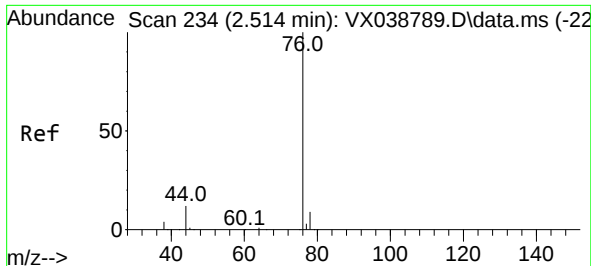
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#16
Acetone
Concen: 259.101 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX038795.D
Acq: 14 Nov 2023 10:52

Tgt Ion: 43 Resp: 247345
Ion Ratio Lower Upper
43 100
58 33.6 21.9 32.9#





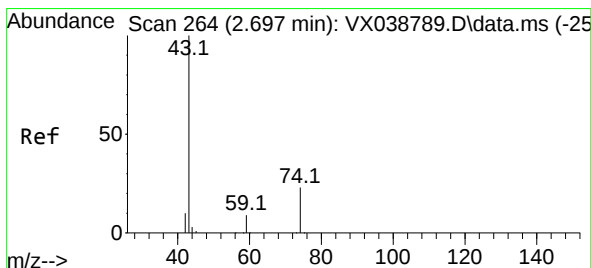
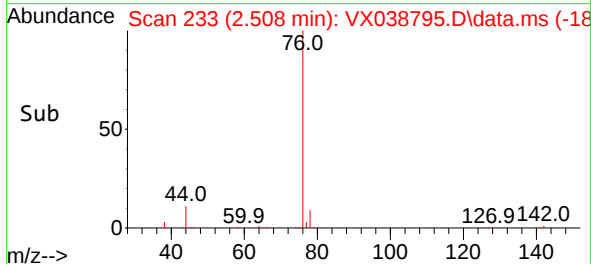
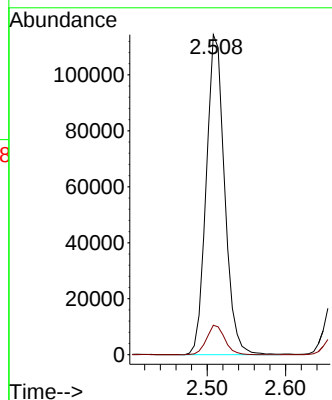
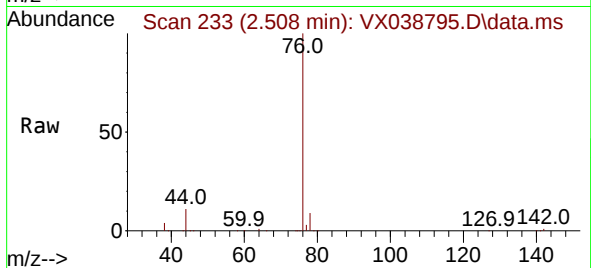
#17
Carbon Disulfide
Concen: 47.638 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX038795.D
Acq: 14 Nov 2023 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 18569
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6

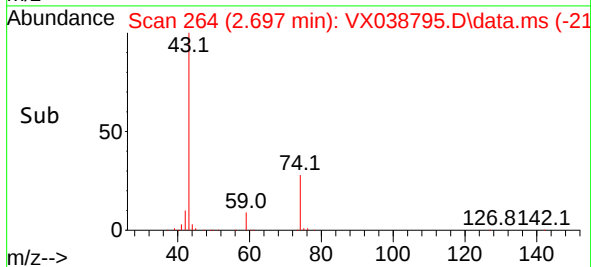
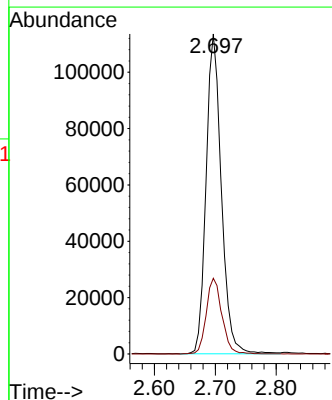
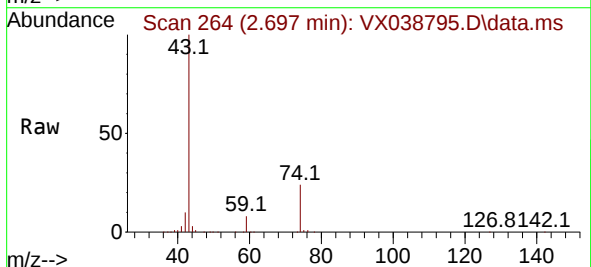
Manual Integrations
APPROVED

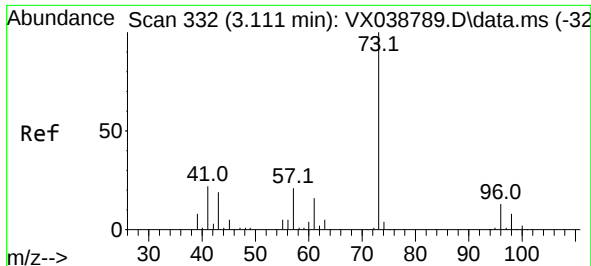
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#18
Methyl Acetate
Concen: 44.612 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX038795.D
Acq: 14 Nov 2023 10:52

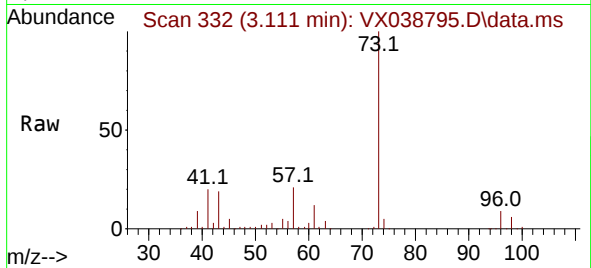
Tgt Ion: 43 Resp: 197654
Ion Ratio Lower Upper
43 100
74 24.3 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 45.844 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX038795.D
Acq: 14 Nov 2023 10:52

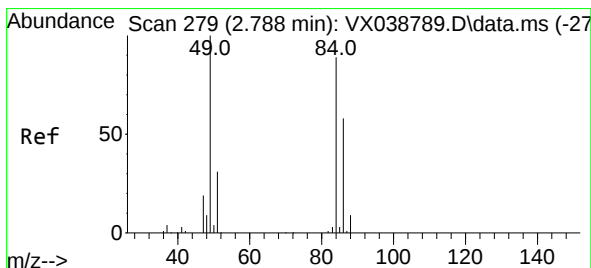
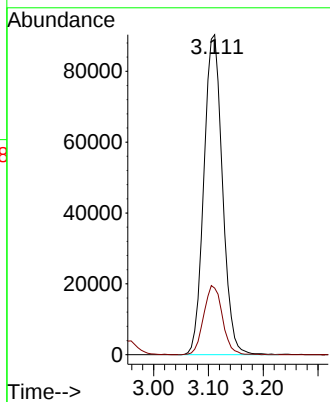
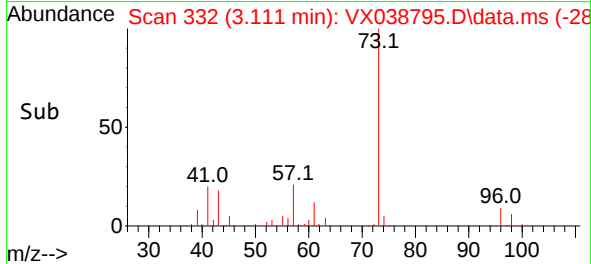
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 212054
Ion Ratio Lower Upper
73 100
57 20.8 17.3 25.9

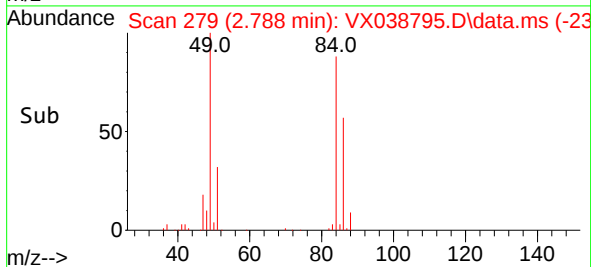
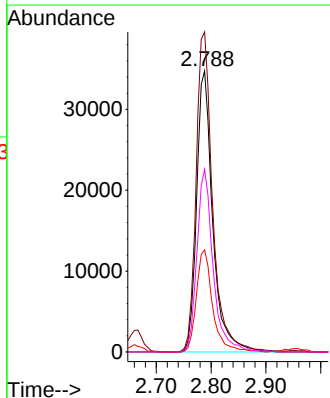
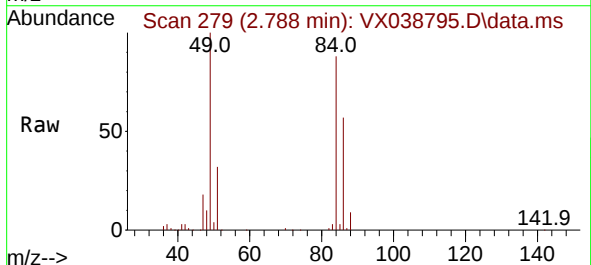
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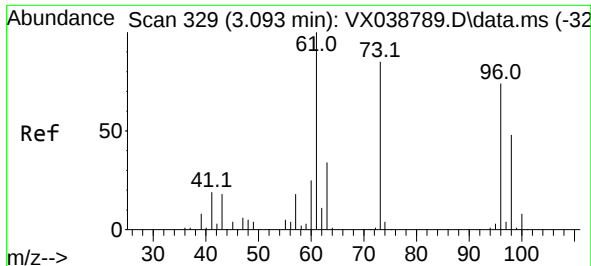
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#20
Methylene Chloride
Concen: 39.885 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038795.D
Acq: 14 Nov 2023 10:52

Tgt Ion: 84 Resp: 71212
Ion Ratio Lower Upper
84 100
49 113.9 103.6 155.4
51 36.3 33.8 50.6
86 65.0 49.4 74.0





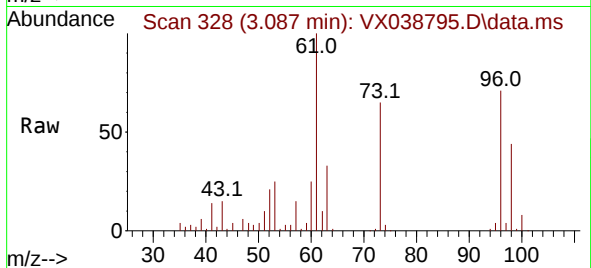
#21
trans-1,2-Dichloroethene
Concen: 45.596 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX038795.D
Acq: 14 Nov 2023 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



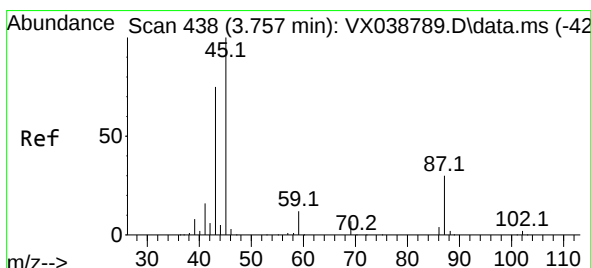
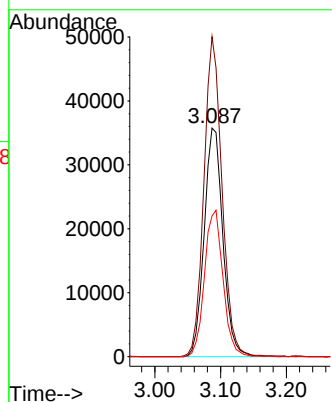
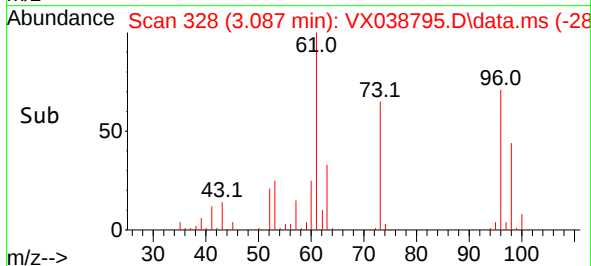
Tgt Ion: 96 Resp: 70749
Ion Ratio Lower Upper
96 100
61 139.9 119.2 178.8
98 61.6 48.7 73.1

Manual Integrations

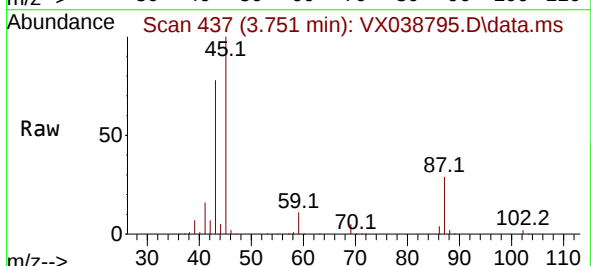
APPROVED

Reviewed By :John Carlone 11/15/2023

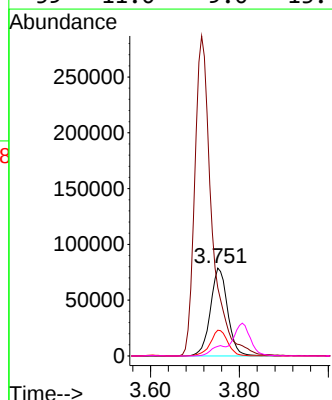
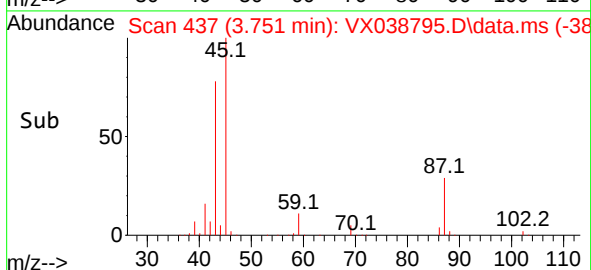
Supervised By :Mahesh Dadoda 11/15/2023

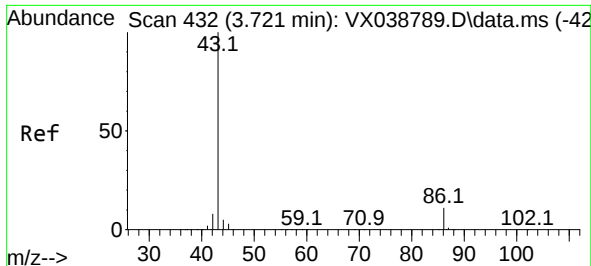


#22
Diisopropyl ether
Concen: 45.301 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX038795.D
Acq: 14 Nov 2023 10:52



Tgt Ion: 45 Resp: 212224
Ion Ratio Lower Upper
45 100
43 77.3 69.7 104.5
87 29.4 20.8 31.2
59 11.0 9.0 13.4





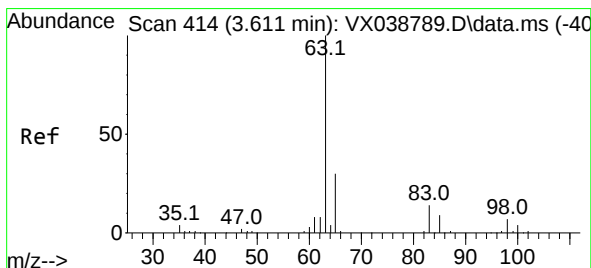
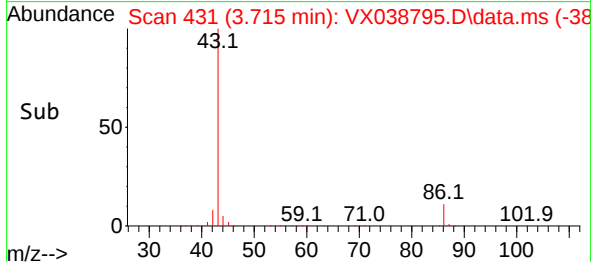
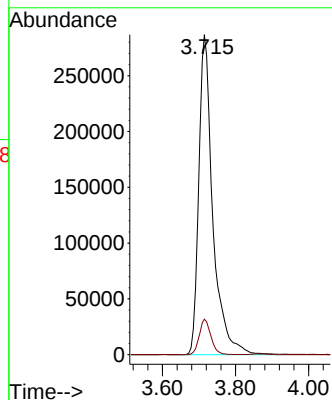
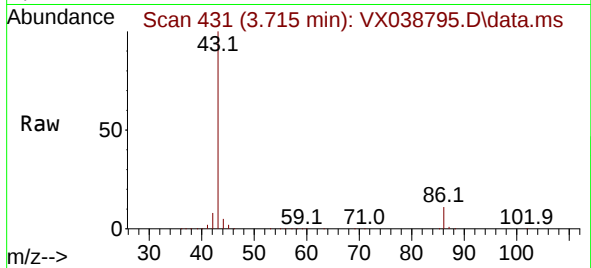
#23
 Vinyl Acetate
 Concen: 240.756 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX038795.D
 Acq: 14 Nov 2023 10:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 766152
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.8 11.8

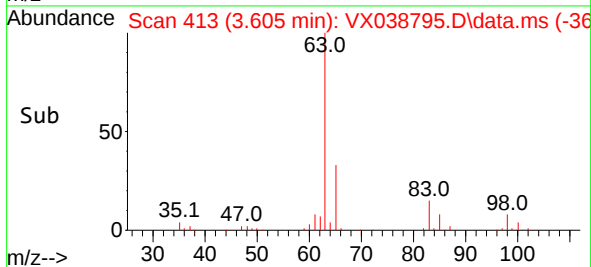
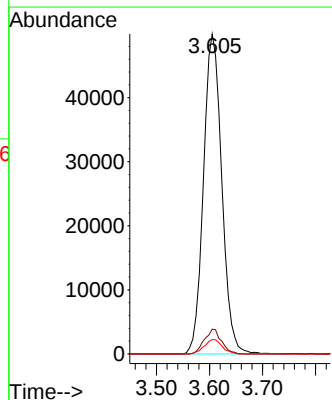
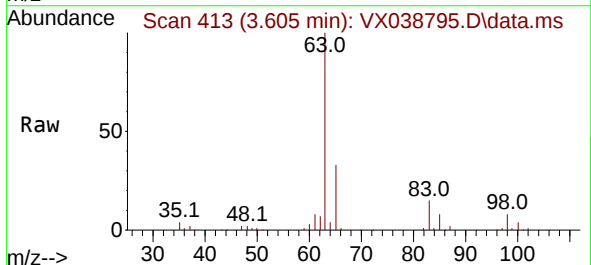
Manual Integrations
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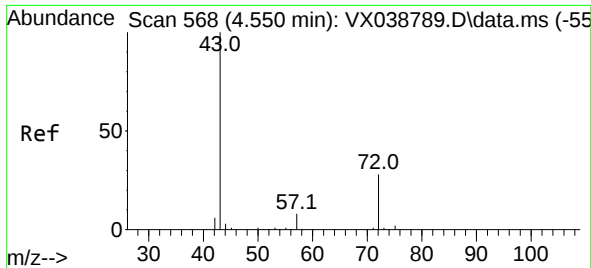
Reviewed By :John Carlone 11/15/2023
 Supervised By :Mahesh Dadoda 11/15/2023



#24
 1,1-Dichloroethane
 Concen: 44.528 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX038795.D
 Acq: 14 Nov 2023 10:52

Tgt Ion: 63 Resp: 119613
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.3 9.8
 100 4.5 2.1 6.5





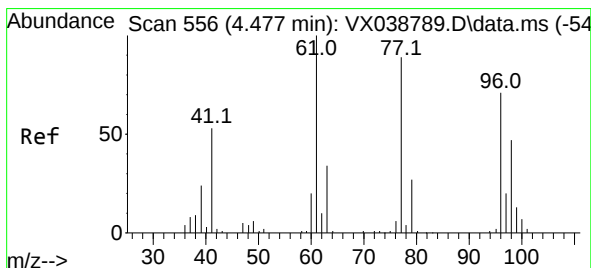
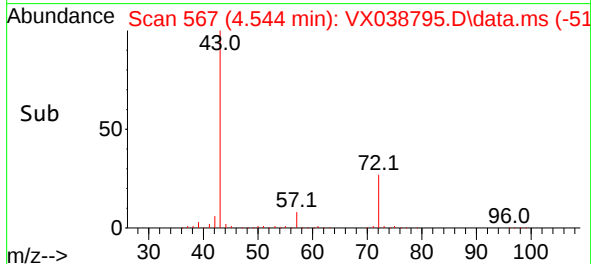
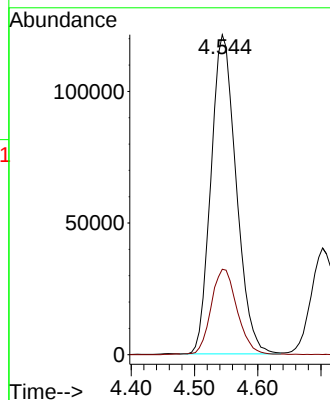
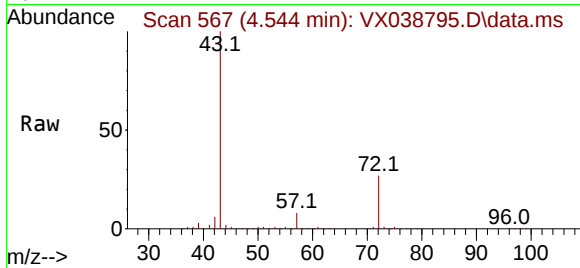
#25
2-Butanone
Concen: 236.652 ug/l
RT: 4.544 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX038795.D
Acq: 14 Nov 2023 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 335729
Ion Ratio Lower Upper
43 100
72 26.6 19.4 29.2

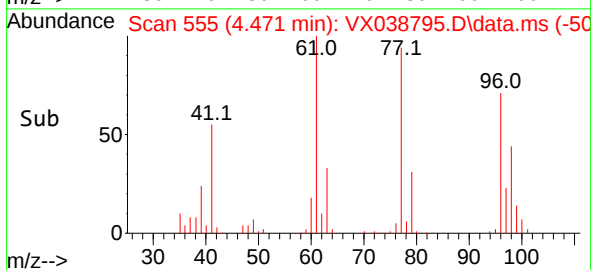
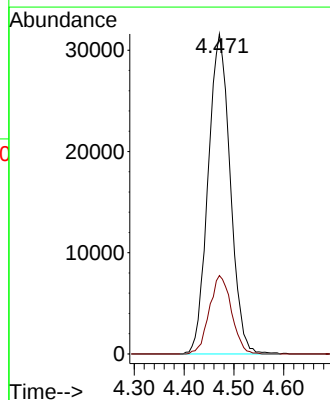
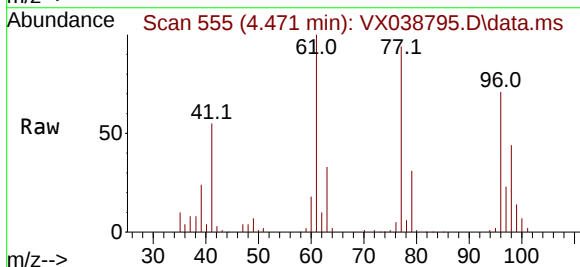
Manual Integrations
APPROVED

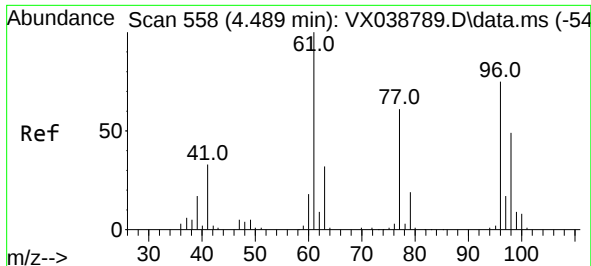
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#26
2,2-Dichloropropane
Concen: 48.569 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX038795.D
Acq: 14 Nov 2023 10:52

Tgt Ion: 77 Resp: 97235
Ion Ratio Lower Upper
77 100
97 24.6 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 45.106 ug/l

RT: 4.483 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX038795.D

Acq: 14 Nov 2023 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 8001

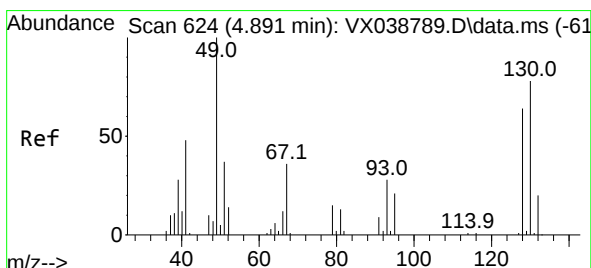
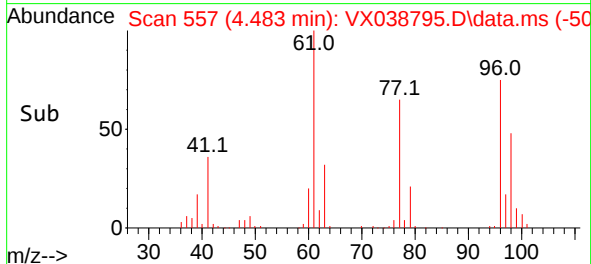
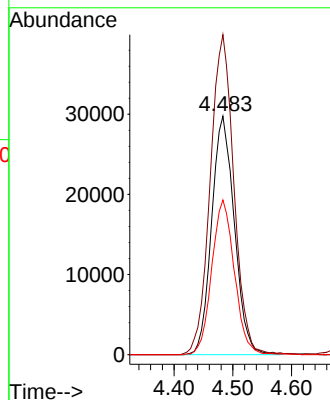
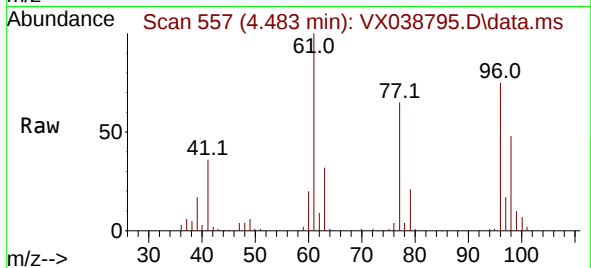
Ion	Ratio	Lower	Upper
96	100		
61	139.7	0.0	312.2
98	64.6	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#28

Bromochloromethane

Concen: 49.569 ug/l

RT: 4.891 min Scan# 624

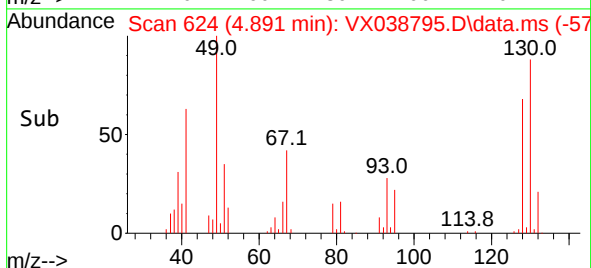
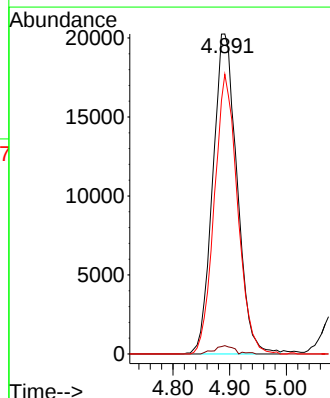
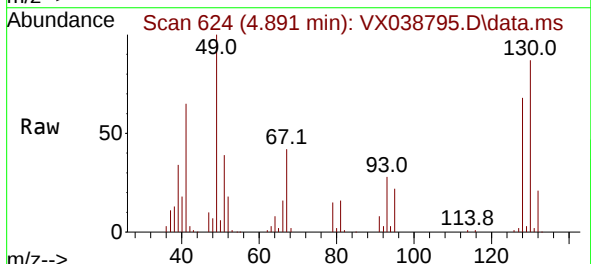
Delta R.T. 0.000 min

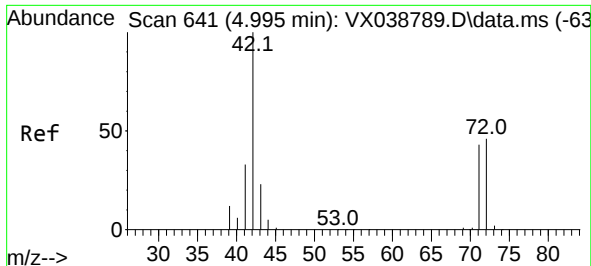
Lab File: VX038795.D

Acq: 14 Nov 2023 10:52

Tgt Ion: 49 Resp: 60230

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.8
130	83.6	57.5	86.3





#29

Tetrahydrofuran

Concen: 228.119 ug/l

RT: 4.995 min Scan# 641

Delta R.T. 0.000 min

Lab File: VX038795.D

Acq: 14 Nov 2023 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 207670

Ion Ratio Lower Upper

42 100

72 47.0 34.2 51.4

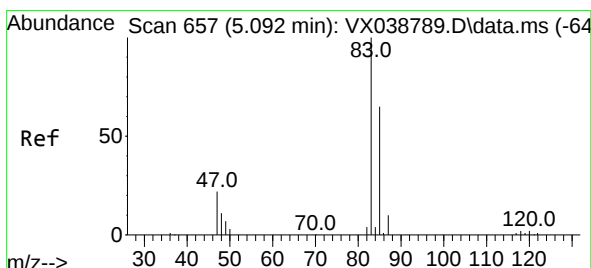
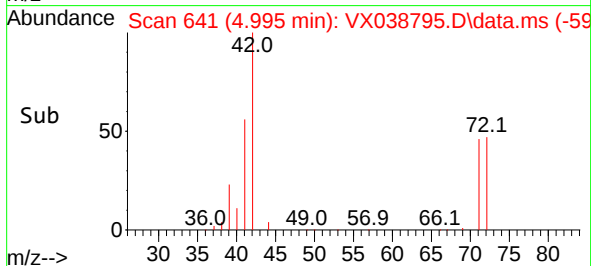
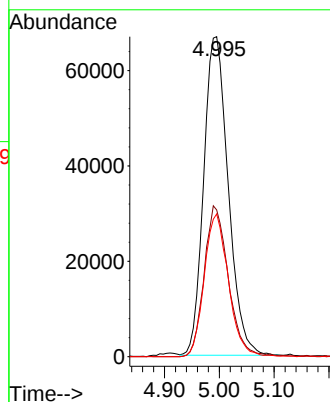
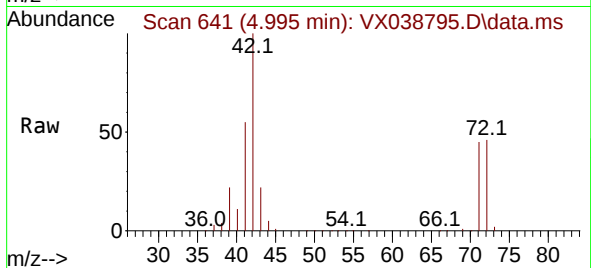
71 44.2 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#30

Chloroform

Concen: 43.733 ug/l

RT: 5.087 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX038795.D

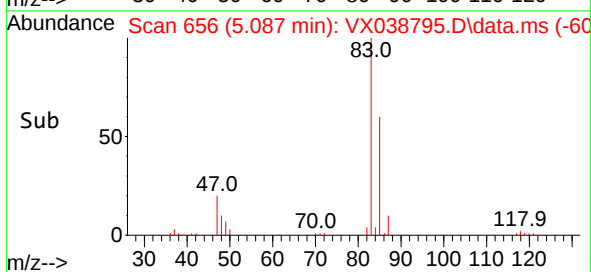
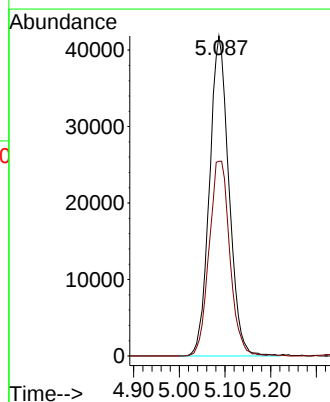
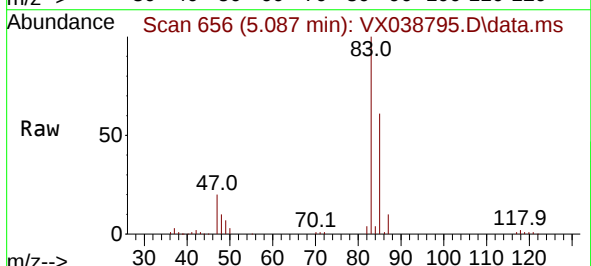
Acq: 14 Nov 2023 10:52

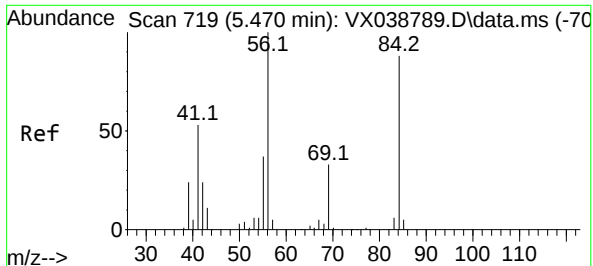
Tgt Ion: 83 Resp: 123585

Ion Ratio Lower Upper

83 100

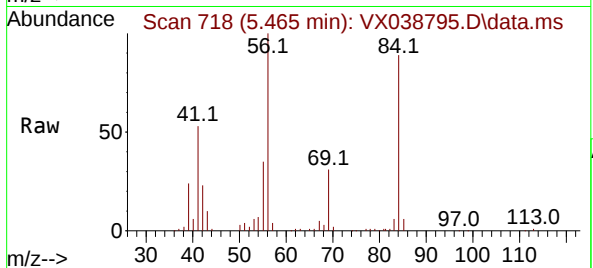
85 60.9 50.3 75.5





#31
Cyclohexane
Concen: 46.351 ug/l
RT: 5.465 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX038795.D
Acq: 14 Nov 2023 10:52

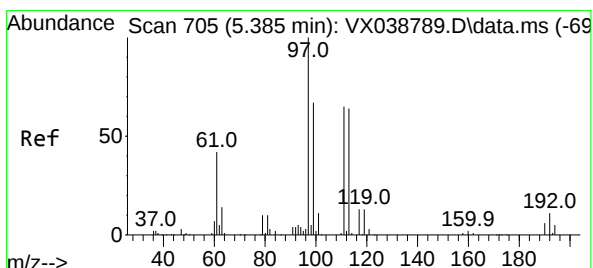
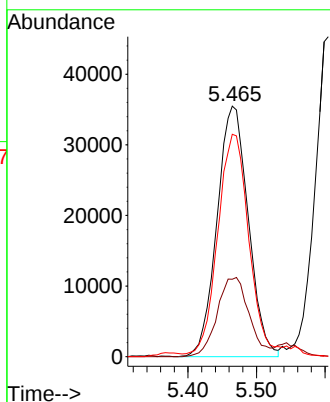
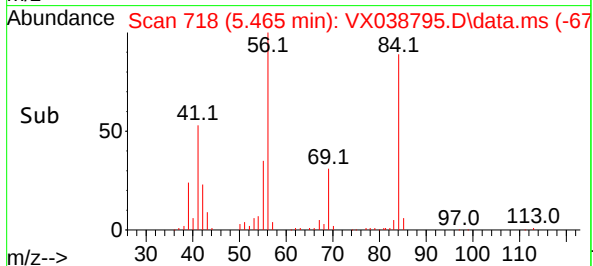
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 112462
Ion Ratio Lower Upper
56 100
69 30.9 23.4 35.2
84 87.5 65.9 98.9

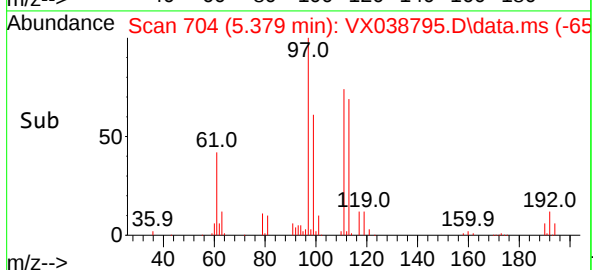
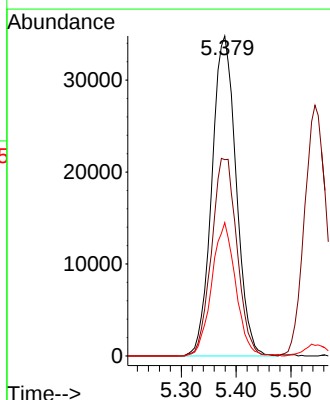
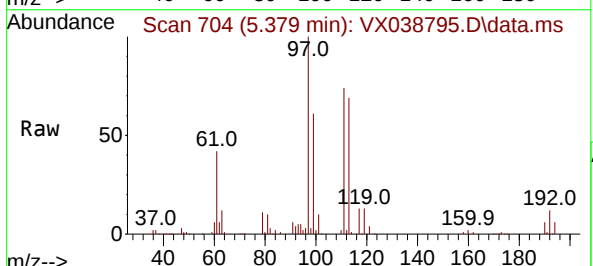
Manual Integrations
APPROVED

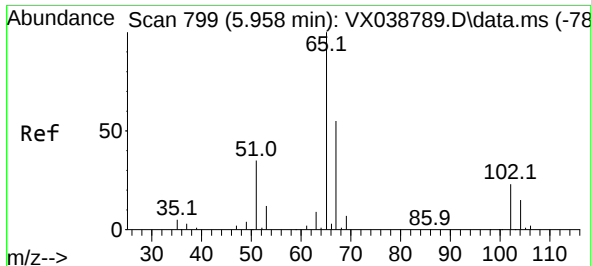
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#32
1,1,1-Trichloroethane
Concen: 46.066 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX038795.D
Acq: 14 Nov 2023 10:52

Tgt Ion: 97 Resp: 107243
Ion Ratio Lower Upper
97 100
99 64.6 51.1 76.7
61 40.8 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 47.178 ug/l

RT: 5.946 min Scan# 799

Delta R.T. -0.012 min

Lab File: VX038795.D

Acq: 14 Nov 2023 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 8404

Ion Ratio Lower Upper

65 100

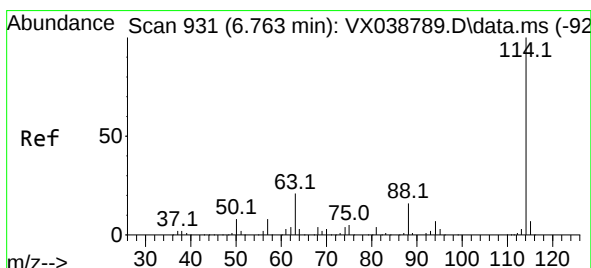
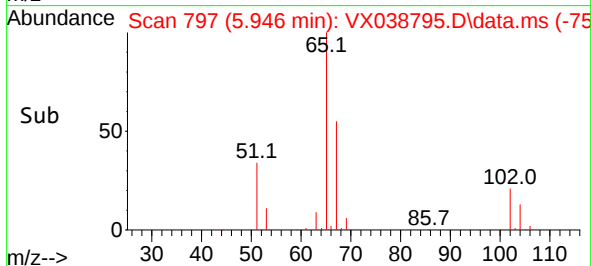
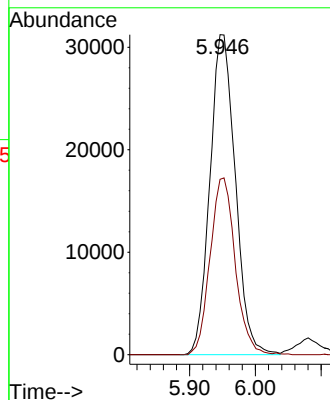
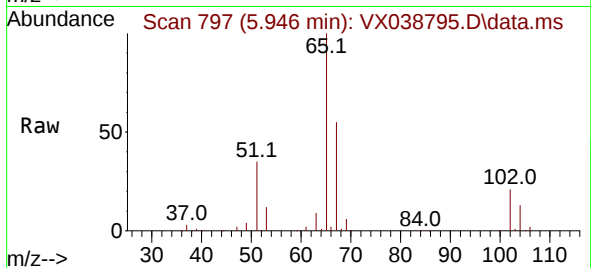
67 54.6 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX038795.D

Acq: 14 Nov 2023 10:52

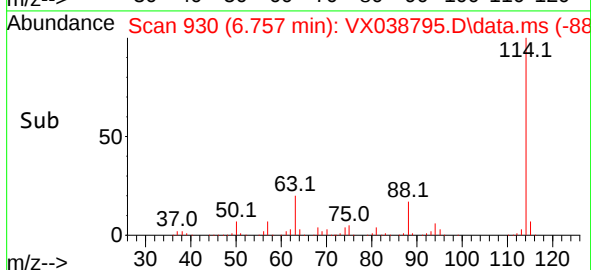
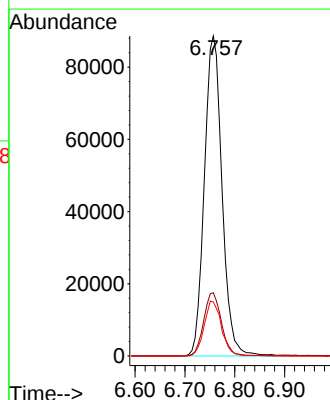
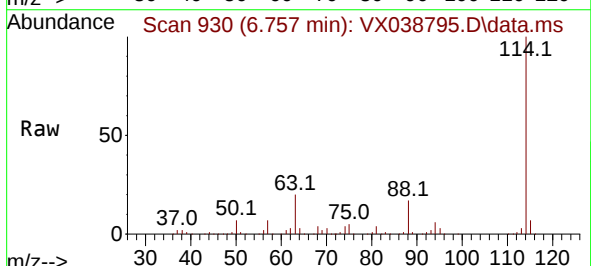
Tgt Ion:114 Resp: 218278

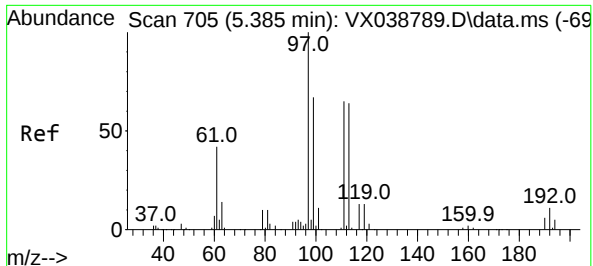
Ion Ratio Lower Upper

114 100

63 19.7 0.0 45.0

88 16.9 0.0 36.6





#35

Dibromofluoromethane

Concen: 48.400 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX038795.D

Acq: 14 Nov 2023 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

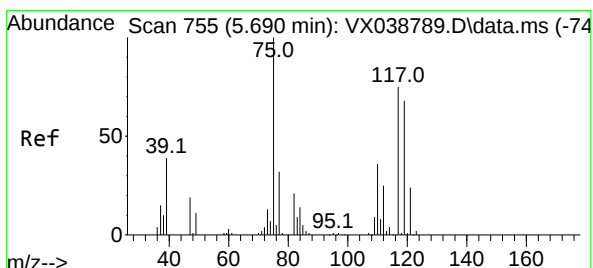
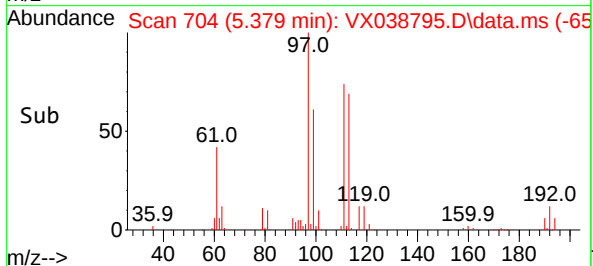
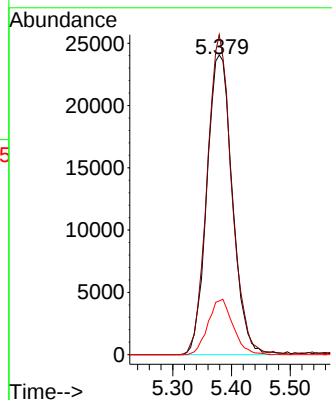
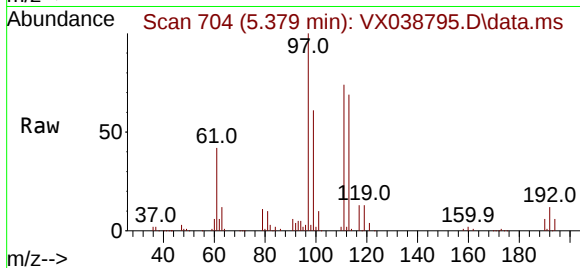
Tgt Ion:	113	Resp:	72579
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.9	124.3
192	18.0	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#36

1,1-Dichloropropene

Concen: 45.528 ug/l

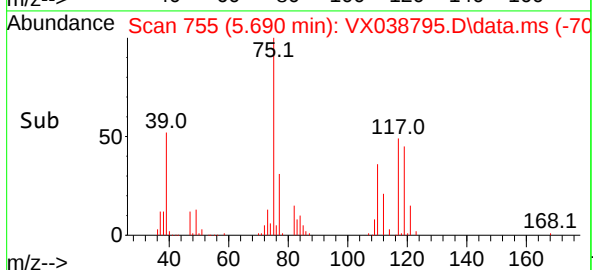
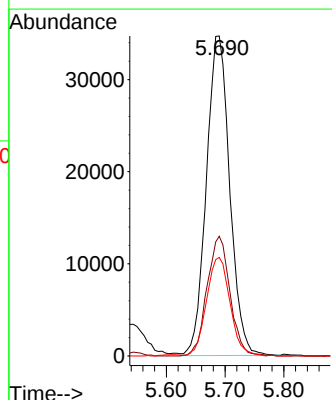
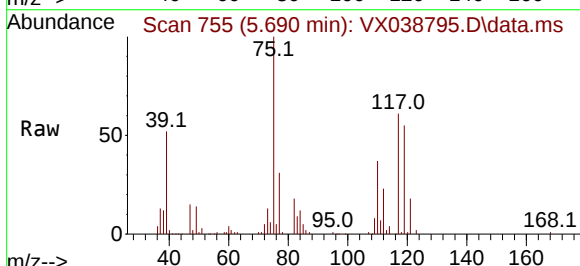
RT: 5.690 min Scan# 755

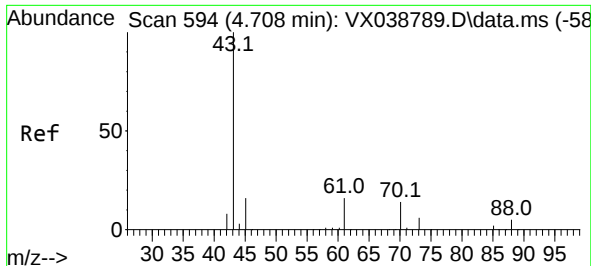
Delta R.T. 0.000 min

Lab File: VX038795.D

Acq: 14 Nov 2023 10:52

Tgt Ion:	75	Resp:	95985
Ion	Ratio	Lower	Upper
75	100		
110	36.8	17.0	50.9
77	31.0	24.7	37.1





#37

Ethyl Acetate

Concen: 47.804 ug/l

RT: 4.702 min Scan# 593

Delta R.T. -0.006 min

Lab File: VX038795.D

Acq: 14 Nov 2023 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 115562

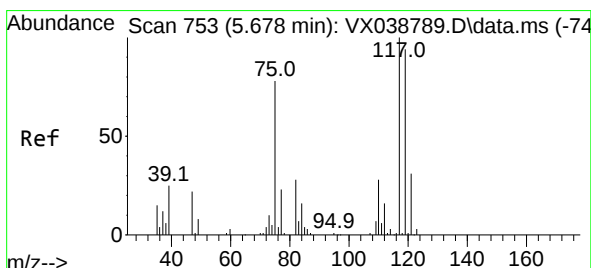
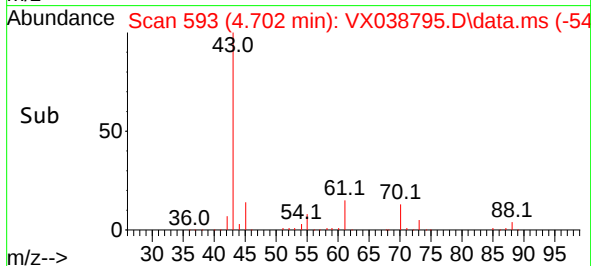
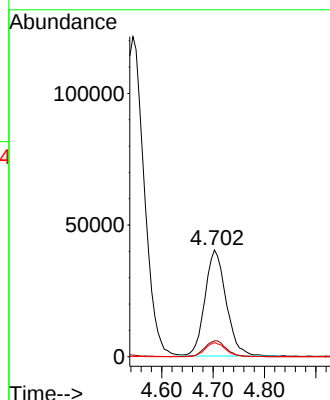
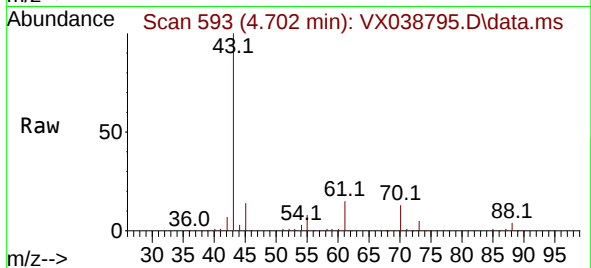
Ion	Ratio	Lower	Upper
43	100		
61	15.4	10.6	16.0
70	12.8	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#38

Carbon Tetrachloride

Concen: 47.469 ug/l

RT: 5.672 min Scan# 752

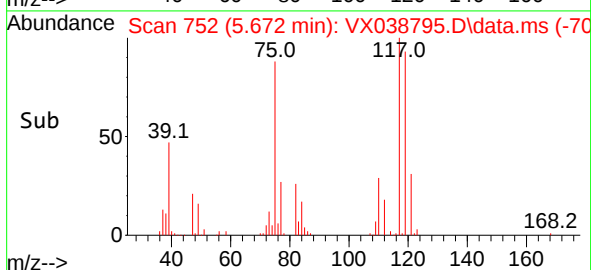
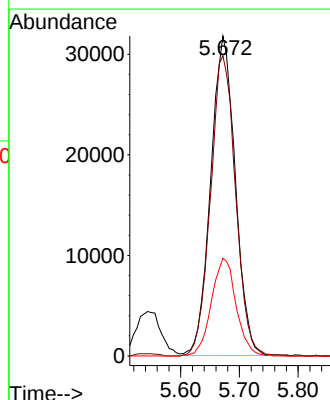
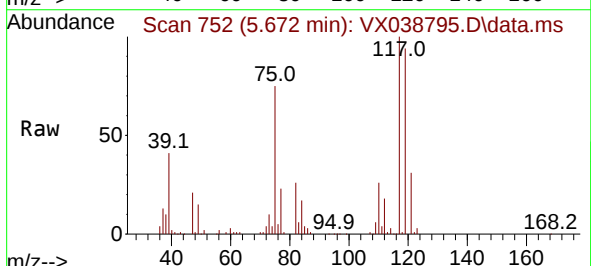
Delta R.T. -0.006 min

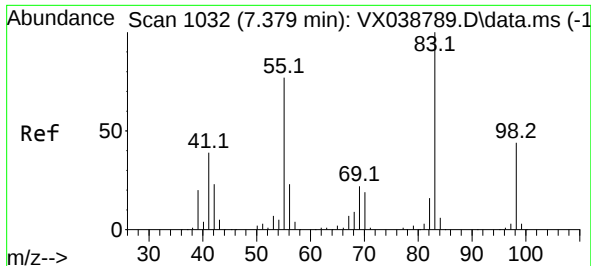
Lab File: VX038795.D

Acq: 14 Nov 2023 10:52

Tgt Ion:117 Resp: 92511

Ion	Ratio	Lower	Upper
117	100		
119	94.0	78.2	117.2
121	30.6	24.4	36.6





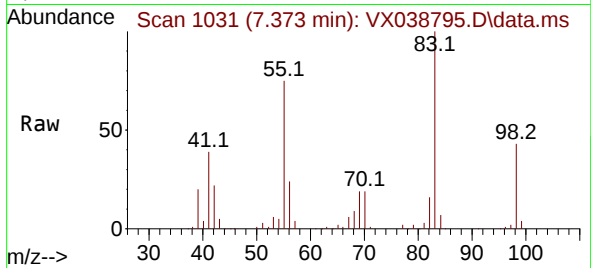
#39
Methylcyclohexane
Concen: 47.518 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX038795.D
Acq: 14 Nov 2023 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



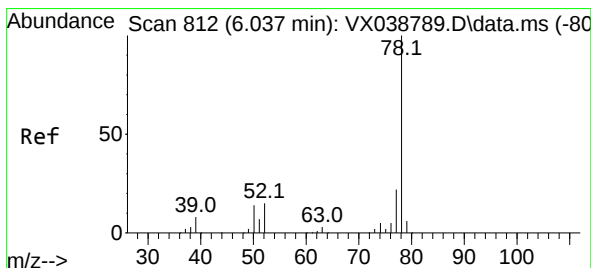
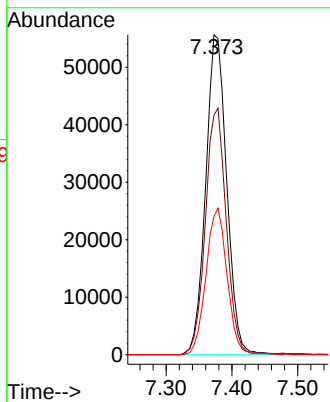
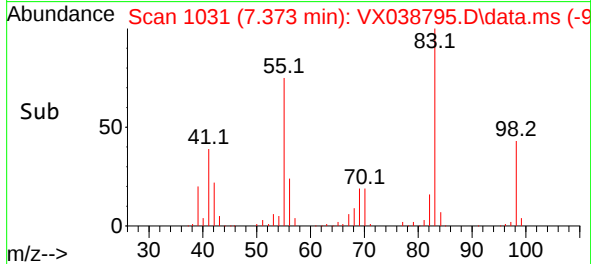
Tgt Ion: 83 Resp: 12381
Ion Ratio Lower Upper
83 100
55 75.0 64.6 97.0
98 43.2 36.7 55.1

Manual Integrations

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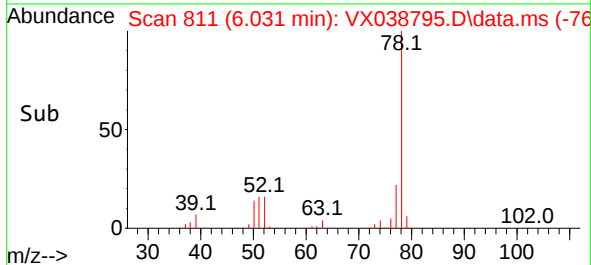
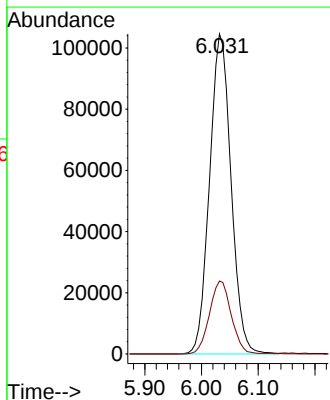
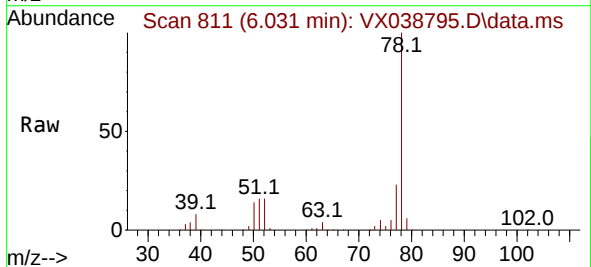
Reviewed By :John Carlone 11/15/2023

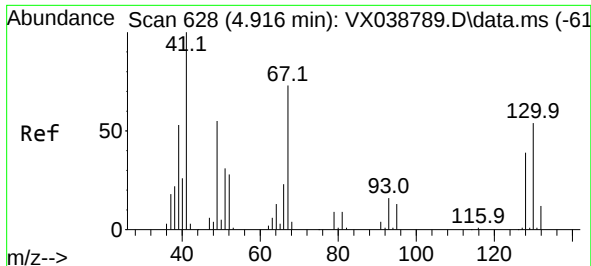
Supervised By :Mahesh Dadoda 11/15/2023



#40
Benzene
Concen: 45.025 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX038795.D
Acq: 14 Nov 2023 10:52

Tgt Ion: 78 Resp: 275647
Ion Ratio Lower Upper
78 100
77 22.8 19.3 28.9





#41
Methacrylonitrile
Concen: 47.646 ug/l
RT: 4.910 min Scan# 613
Delta R.T. -0.006 min
Lab File: VX038795.D
Acq: 14 Nov 2023 10:52

Instrument :

MSVOA_X

ClientSampleId :

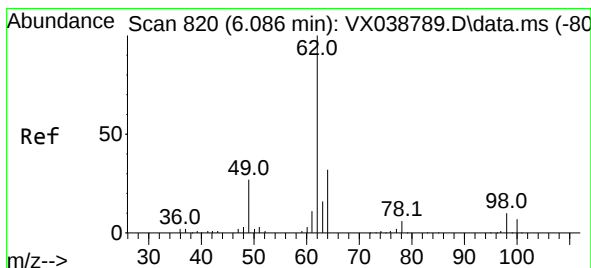
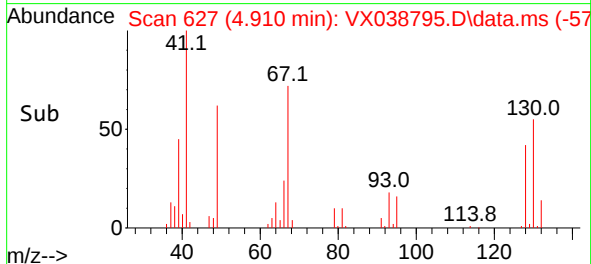
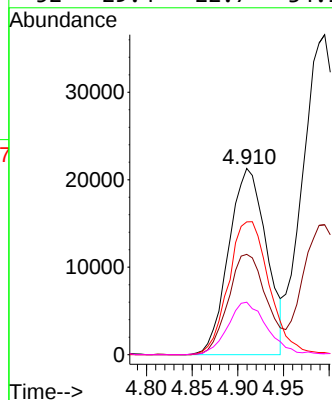
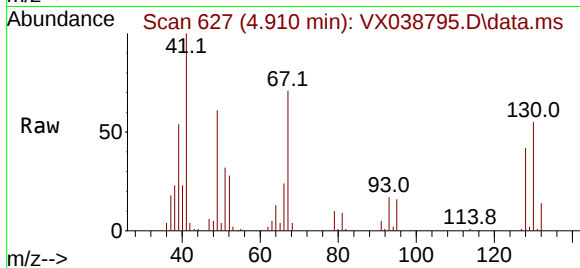
VSTDCCC050

Tgt Ion: 41 Resp: 6136
Ion Ratio Lower Upper
41 100
39 55.5 45.2 67.8
67 77.3 52.6 78.8
52 29.4 22.7 34.1

Manual Integrations

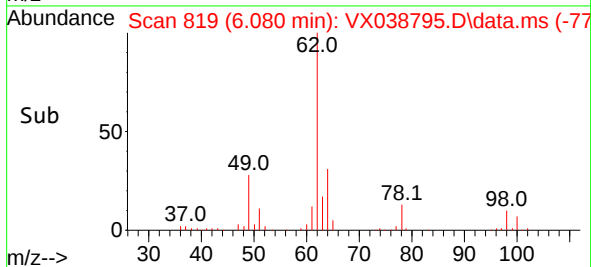
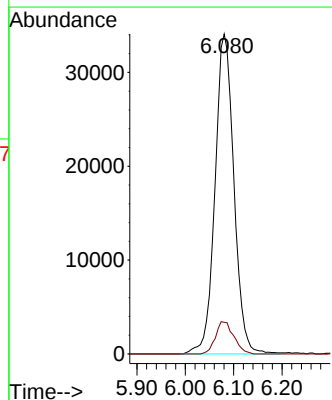
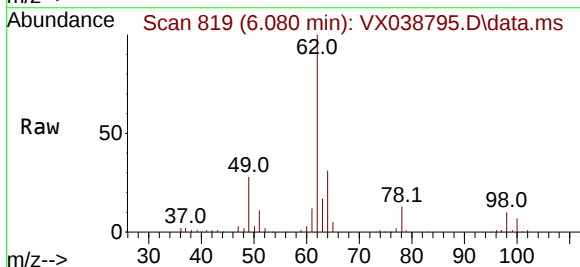
APPROVED

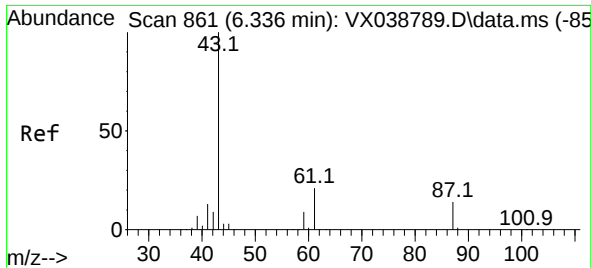
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#42
1,2-Dichloroethane
Concen: 44.339 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX038795.D
Acq: 14 Nov 2023 10:52

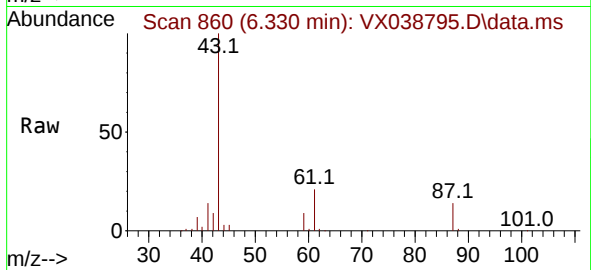
Tgt Ion: 62 Resp: 92566
Ion Ratio Lower Upper
62 100
98 9.7 0.0 16.0





#43
Isopropyl Acetate
Concen: 47.555 ug/l
RT: 6.330 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX038795.D
Acq: 14 Nov 2023 10:52

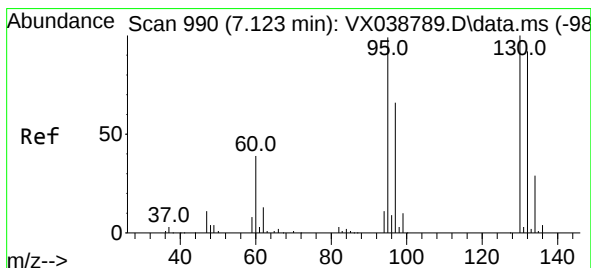
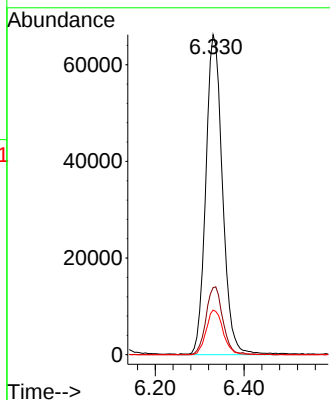
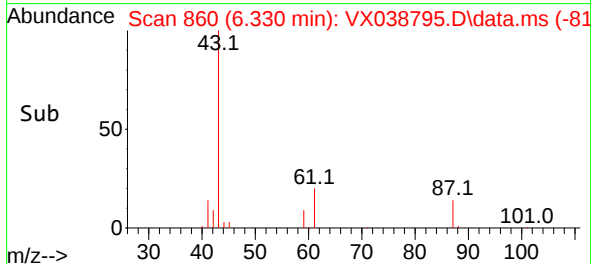
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 173179
Ion Ratio Lower Upper
43 100
61 21.4 15.2 22.8
87 14.1 9.8 14.6

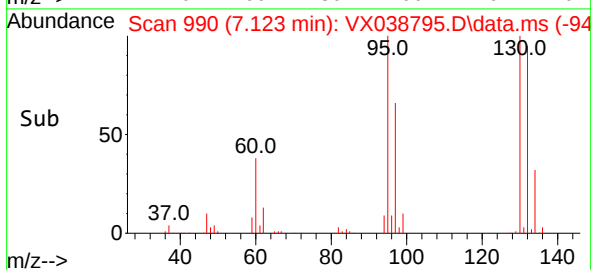
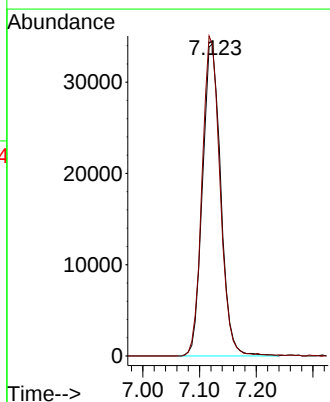
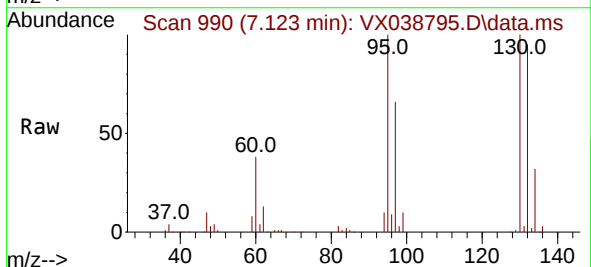
Manual Integrations
APPROVED

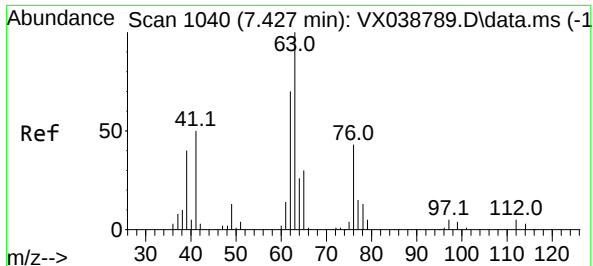
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#44
Trichloroethene
Concen: 45.778 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX038795.D
Acq: 14 Nov 2023 10:52

Tgt Ion:130 Resp: 76244
Ion Ratio Lower Upper
130 100
95 99.8 0.0 204.4





#45

1,2-Dichloropropane

Concen: 46.221 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX038795.D

Acq: 14 Nov 2023 10:52

Instrument :

MSVOA_X

ClientSampleId :

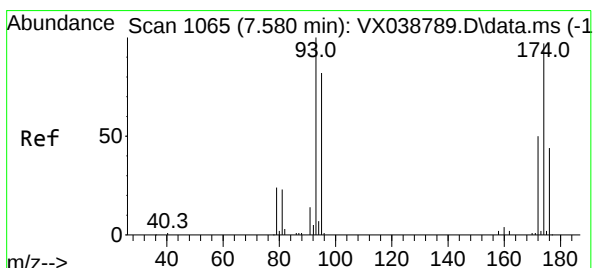
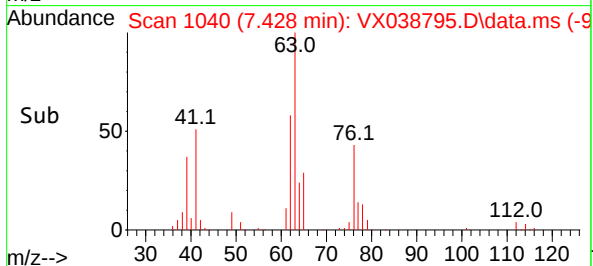
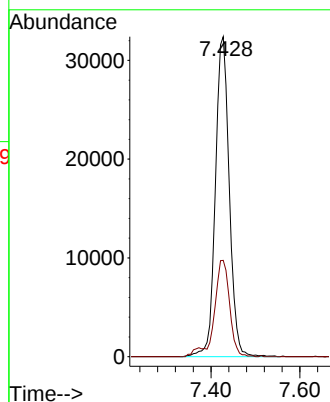
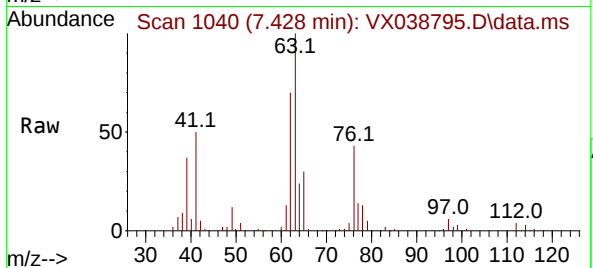
VSTDCCC050

Tgt Ion: 63 Resp: 70150
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023
 Supervised By :Mahesh Dadoda 11/15/2023



#46

Dibromomethane

Concen: 46.032 ug/l

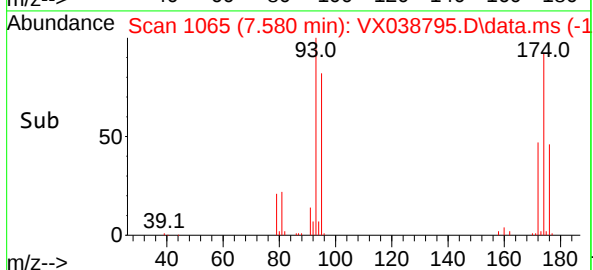
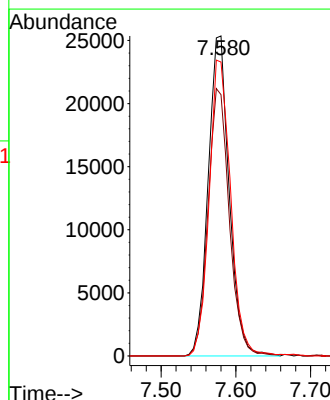
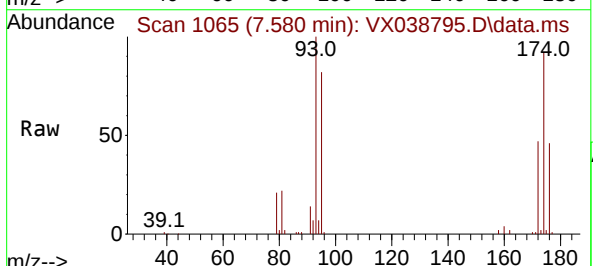
RT: 7.580 min Scan# 1065

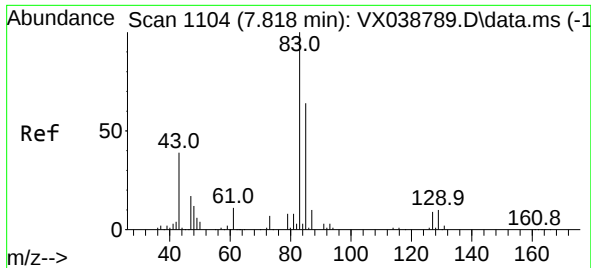
Delta R.T. 0.000 min

Lab File: VX038795.D

Acq: 14 Nov 2023 10:52

Tgt Ion: 93 Resp: 49615
 Ion Ratio Lower Upper
 93 100
 95 84.5 66.6 100.0
 174 94.7 69.4 104.0





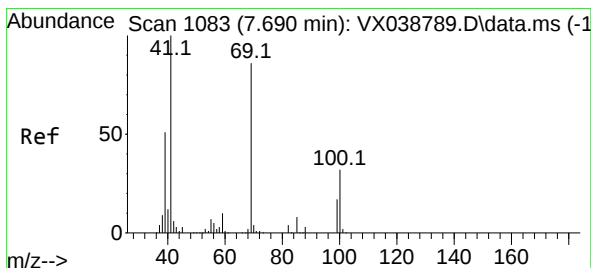
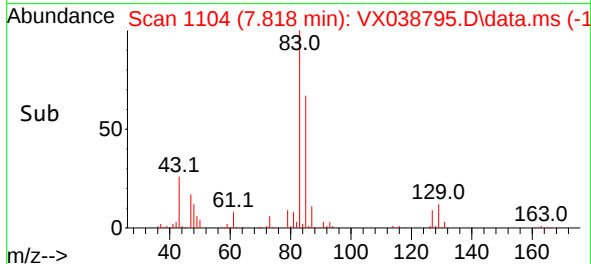
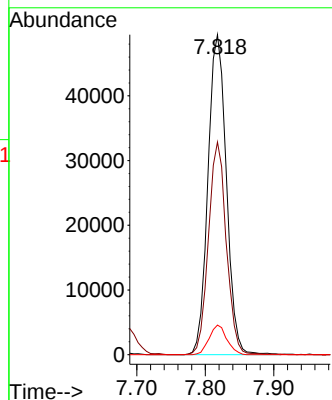
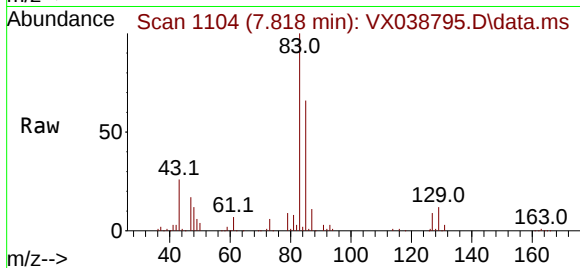
#47
Bromodichloromethane
Concen: 45.884 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX038795.D
Acq: 14 Nov 2023 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 92308
Ion Ratio Lower Upper
83 100
85 66.5 49.8 74.6
127 9.3 7.1 10.7

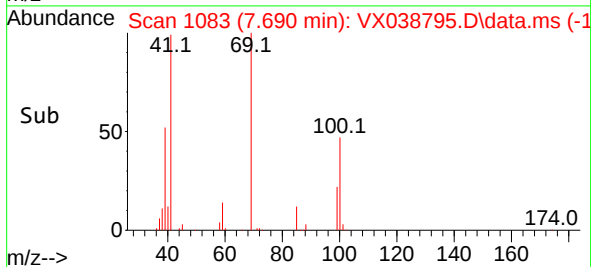
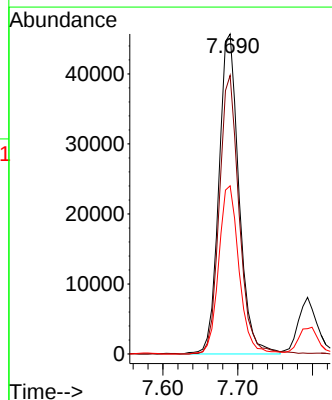
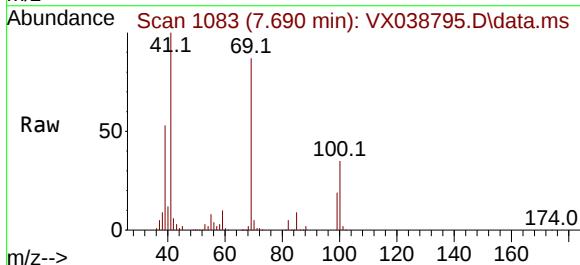
Manual Integrations
APPROVED

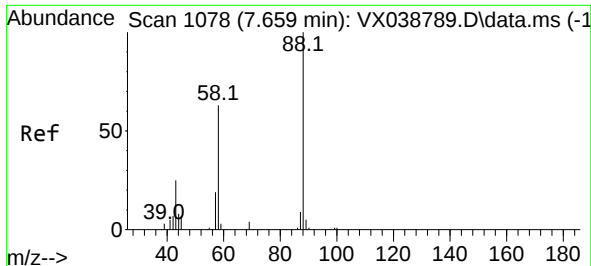
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#48
Methyl methacrylate
Concen: 47.964 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX038795.D
Acq: 14 Nov 2023 10:52

Tgt Ion: 41 Resp: 85485
Ion Ratio Lower Upper
41 100
69 85.7 59.2 88.8
39 53.2 47.7 71.5





#49

1,4-Dioxane

Concen: 1037.621 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. -0.006 min

Lab File: VX038795.D

Acq: 14 Nov 2023 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

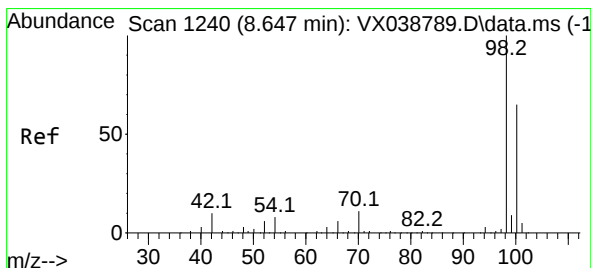
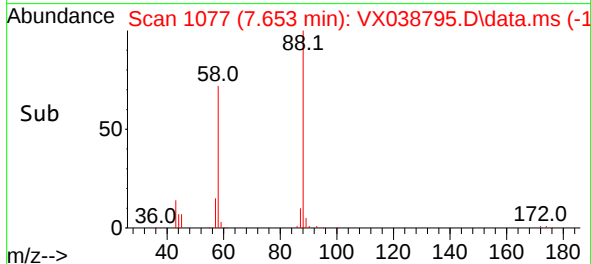
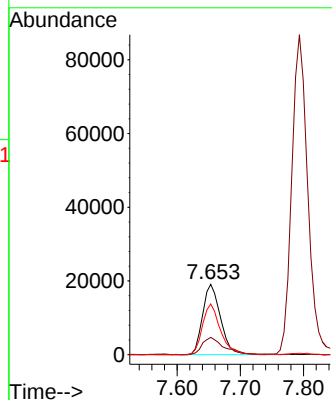
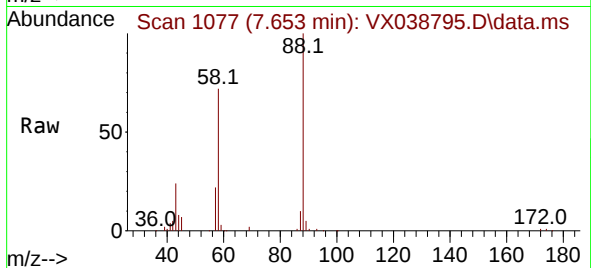
Tgt Ion: 88 Resp: 37598
 Ion Ratio Lower Upper
 88 100
 43 30.1 0.0 0.0
 58 72.2 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#50

Toluene-d8

Concen: 49.502 ug/l

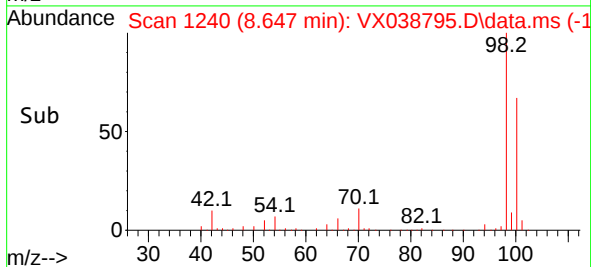
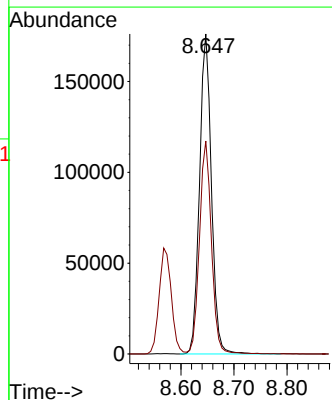
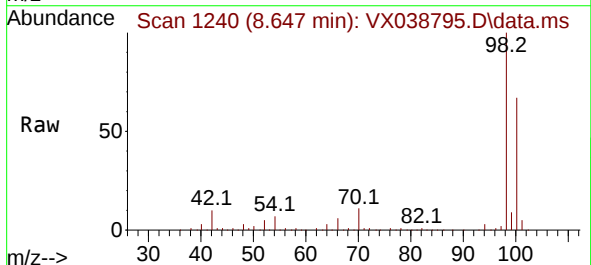
RT: 8.647 min Scan# 1240

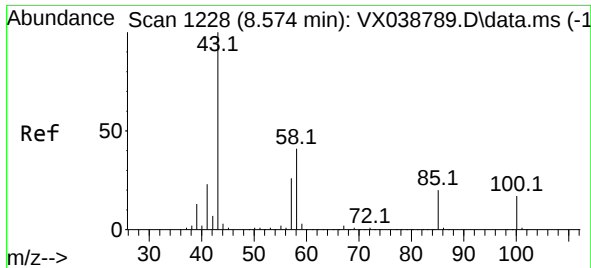
Delta R.T. 0.000 min

Lab File: VX038795.D

Acq: 14 Nov 2023 10:52

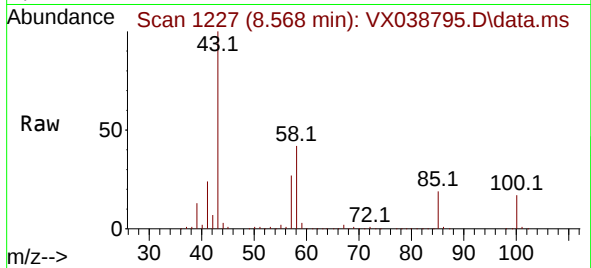
Tgt Ion: 98 Resp: 274960
 Ion Ratio Lower Upper
 98 100
 100 67.1 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 232.708 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX038795.D
Acq: 14 Nov 2023 10:52

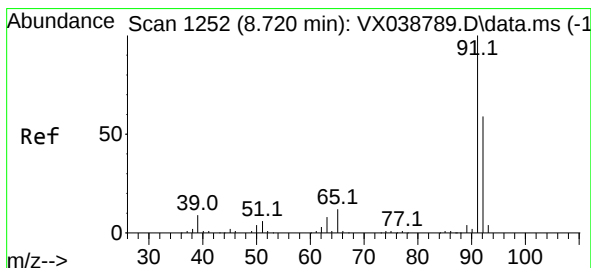
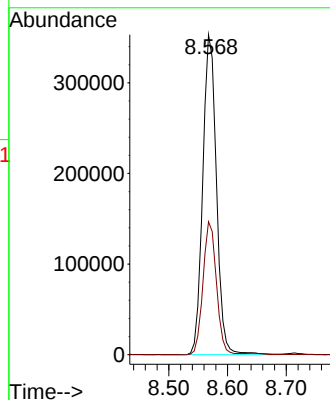
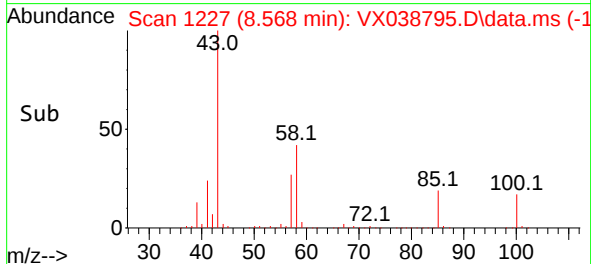
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 572639
Ion Ratio Lower Upper
43 100
58 40.8 30.4 45.6

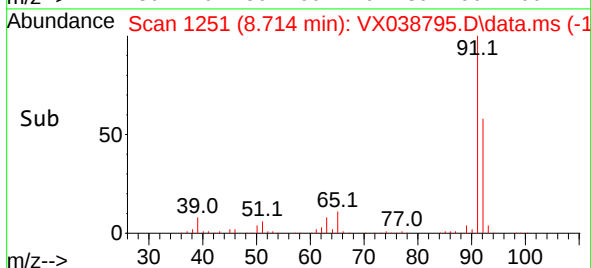
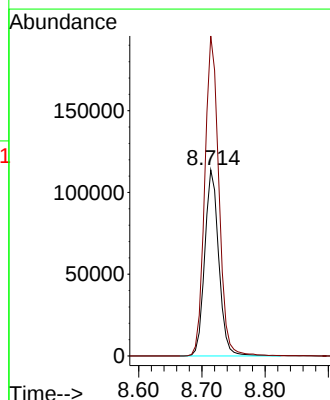
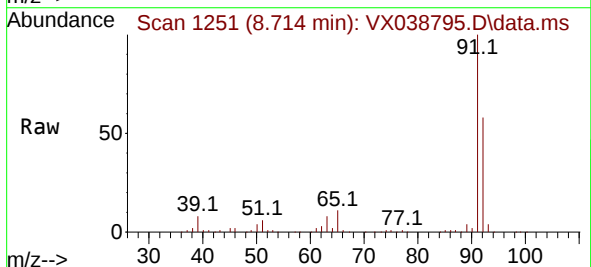
Manual Integrations
APPROVED

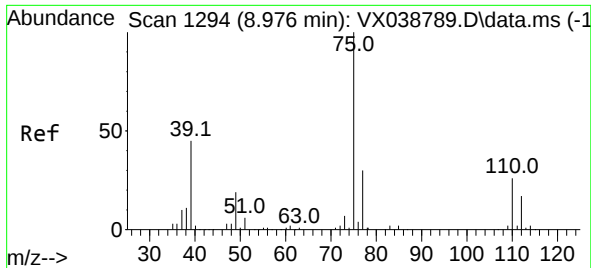
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#52
Toluene
Concen: 46.600 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX038795.D
Acq: 14 Nov 2023 10:52

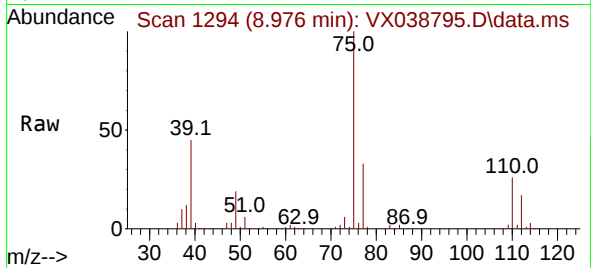
Tgt Ion: 92 Resp: 176244
Ion Ratio Lower Upper
92 100
91 172.8 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 49.918 ug/l
RT: 8.976 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VX038795.D
Acq: 14 Nov 2023 10:52

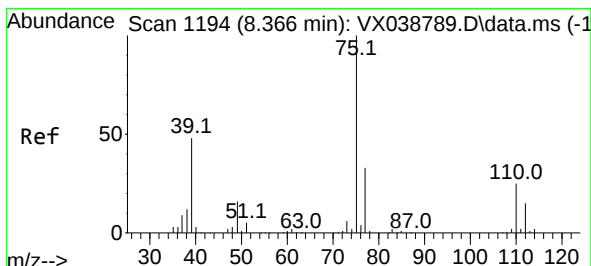
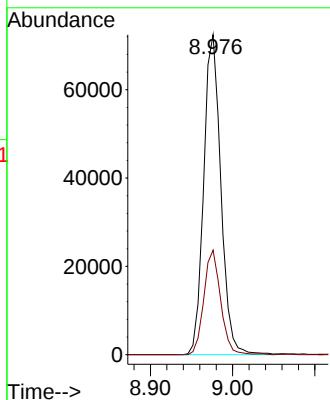
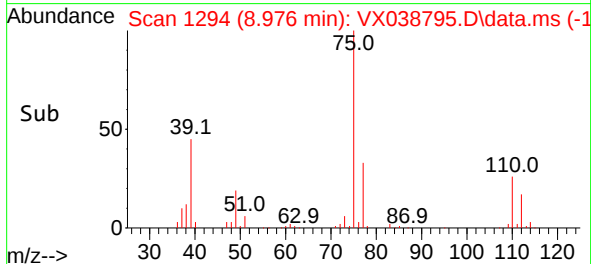
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



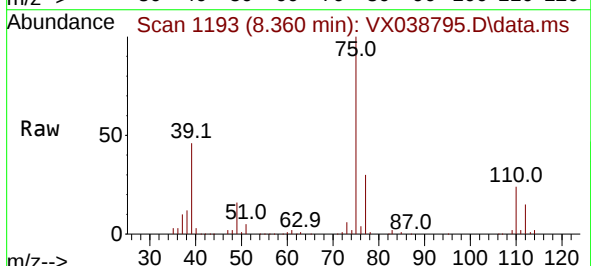
Tgt Ion: 75 Resp: 10514
Ion Ratio Lower Upper
75 100
77 32.7 25.7 38.5

Manual Integrations
APPROVED

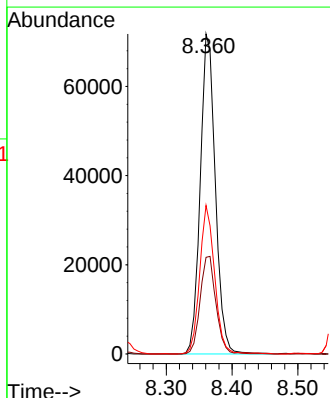
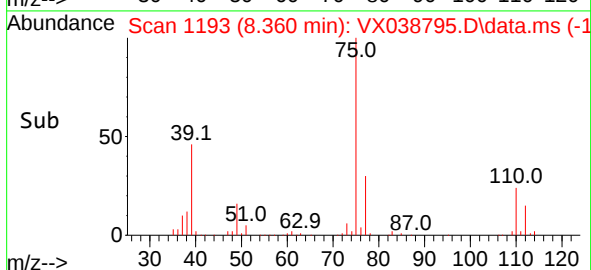
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023

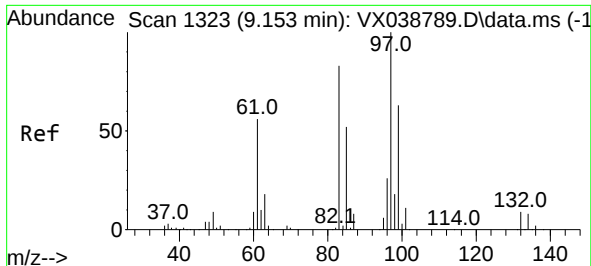


#54
cis-1,3-Dichloropropene
Concen: 48.894 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX038795.D
Acq: 14 Nov 2023 10:52



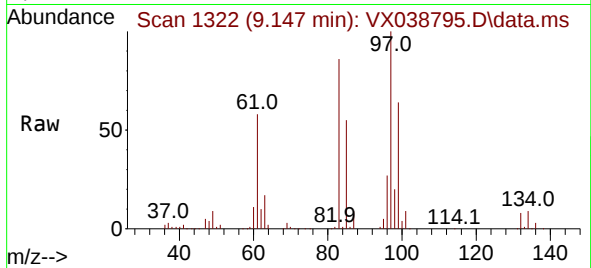
Tgt Ion: 75 Resp: 114624
Ion Ratio Lower Upper
75 100
77 30.2 25.3 37.9
39 46.4 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 45.044 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX038795.D
Acq: 14 Nov 2023 10:52

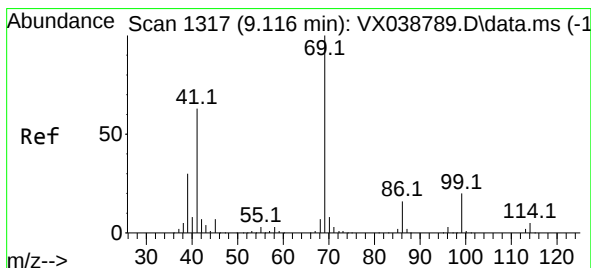
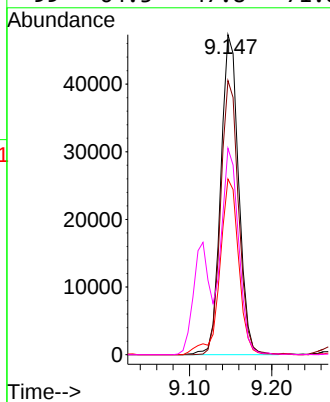
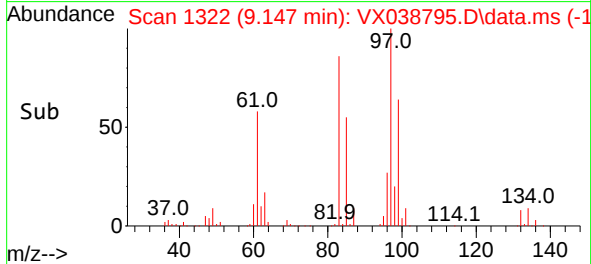
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



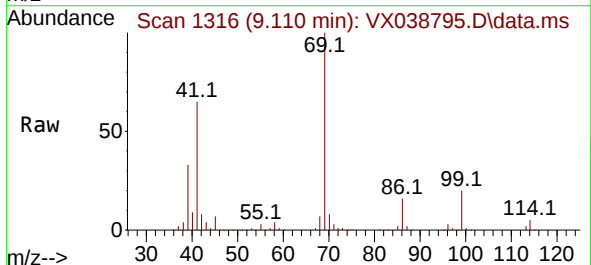
Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.6	65.8	98.8
85	54.9	41.6	62.4
99	64.3	47.8	71.8

Manual Integrations
APPROVED

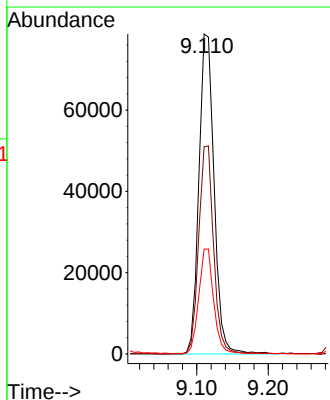
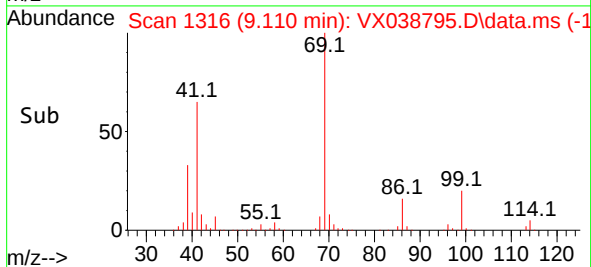
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023

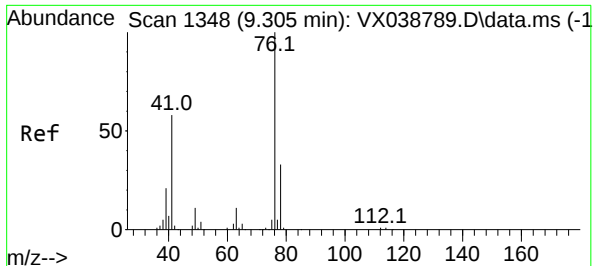


#56
Ethyl methacrylate
Concen: 47.267 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX038795.D
Acq: 14 Nov 2023 10:52



Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.9	56.8	85.2
39	31.9	32.0	48.0





#57

1,3-Dichloropropane

Concen: 45.353 ug/l

RT: 9.305 min Scan# 11714

Delta R.T. 0.000 min

Lab File: VX038795.D

Acq: 14 Nov 2023 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 11714

Ion Ratio Lower Upper

76 100

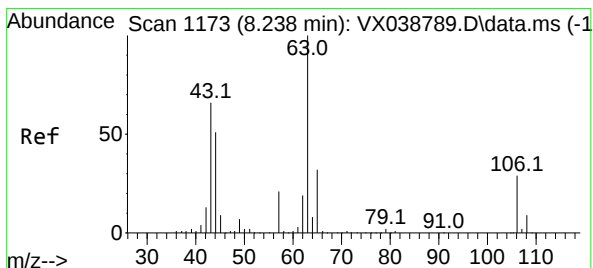
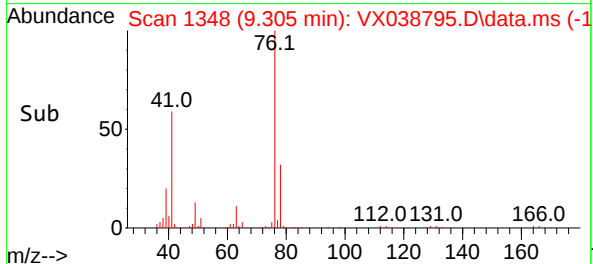
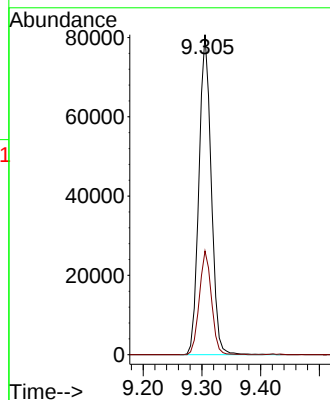
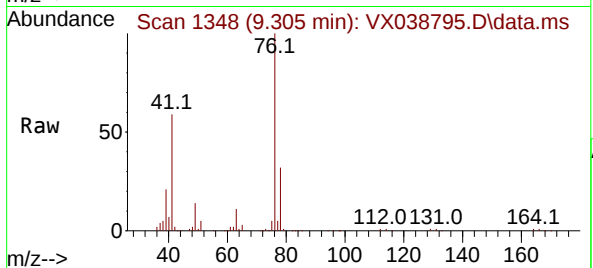
78 32.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#58

2-Chloroethyl Vinyl ether

Concen: 197.565 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX038795.D

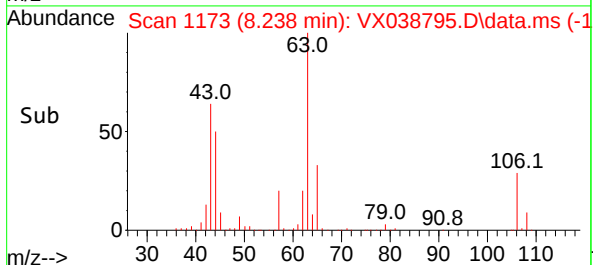
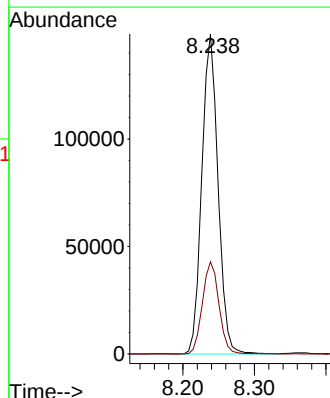
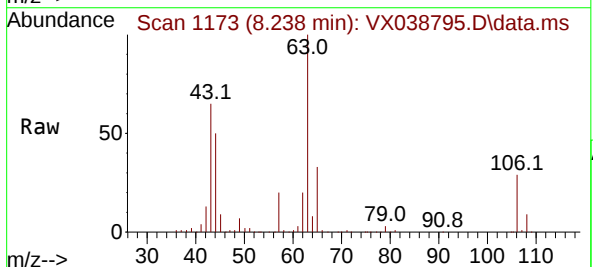
Acq: 14 Nov 2023 10:52

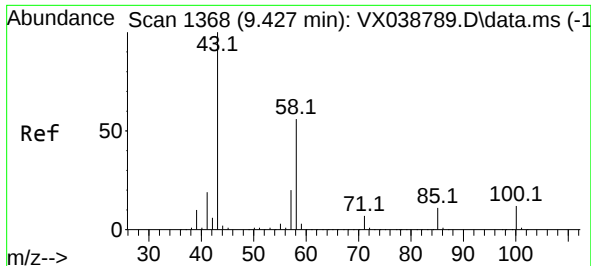
Tgt Ion: 63 Resp: 234139

Ion Ratio Lower Upper

63 100

106 29.4 22.5 33.7





#59

2-Hexanone

Concen: 236.479 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX038795.D

Acq: 14 Nov 2023 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 468939

Ion Ratio Lower Upper

43 100

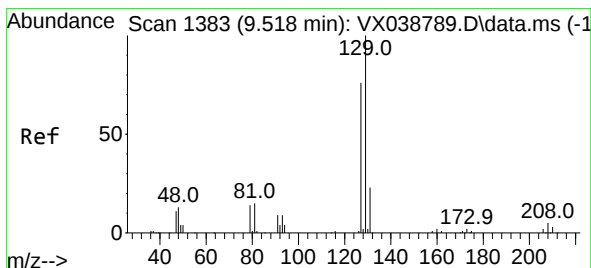
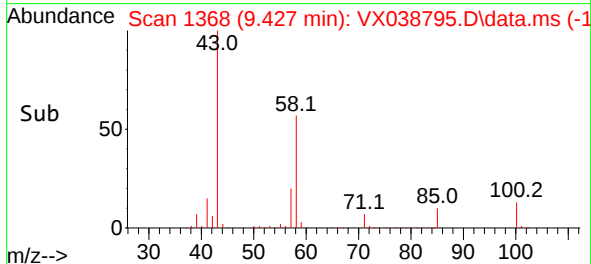
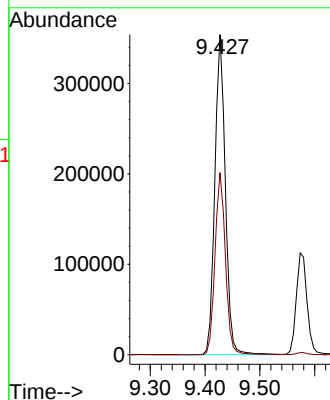
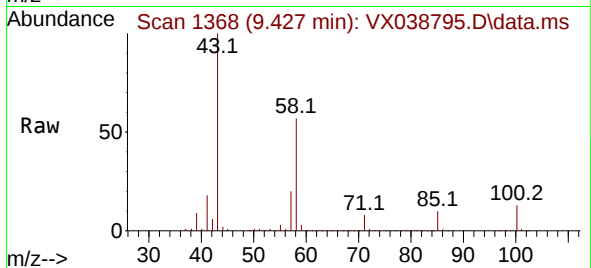
58 56.6 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#60

Dibromochloromethane

Concen: 48.671 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX038795.D

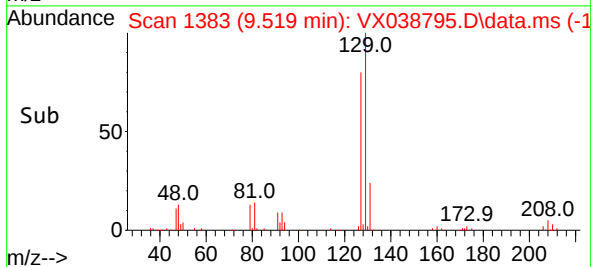
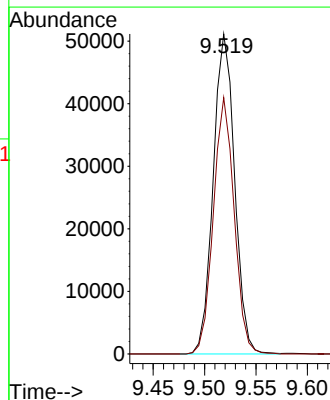
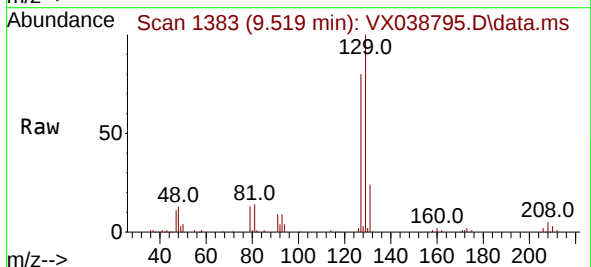
Acq: 14 Nov 2023 10:52

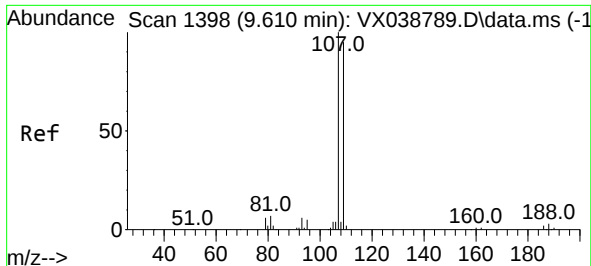
Tgt Ion:129 Resp: 74117

Ion Ratio Lower Upper

129 100

127 77.9 38.8 116.4





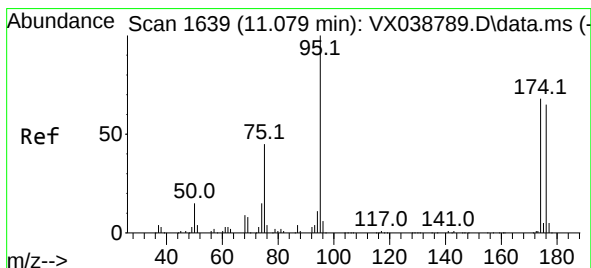
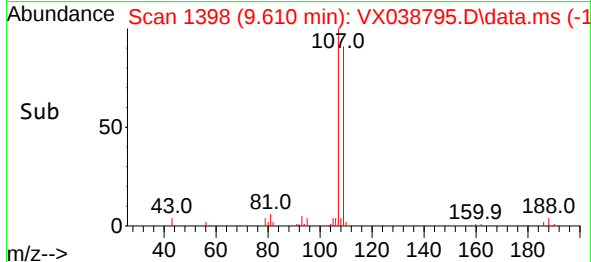
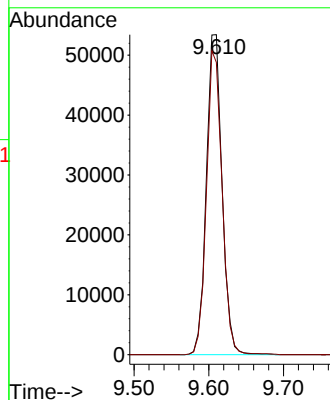
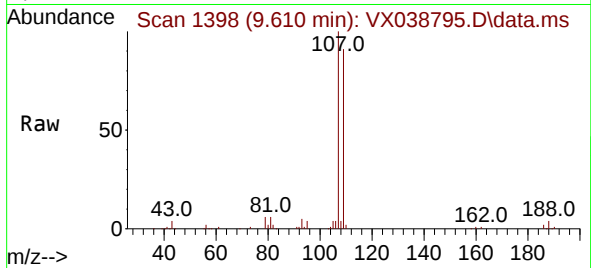
#61
1,2-Dibromoethane
Concen: 45.662 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038795.D
Acq: 14 Nov 2023 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 7784
Ion Ratio Lower Upper
107 100
109 94.4 75.2 112.8

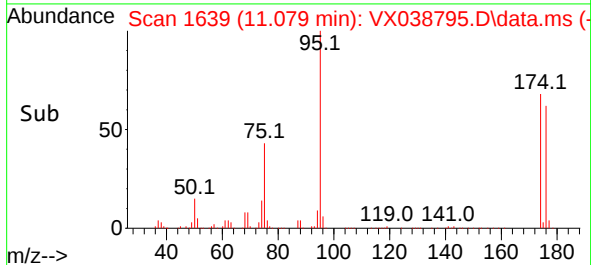
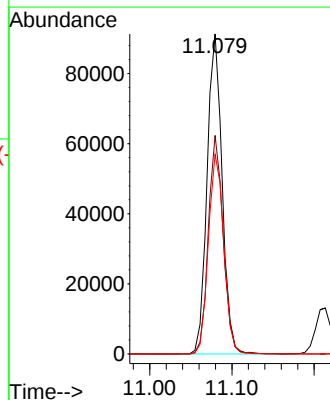
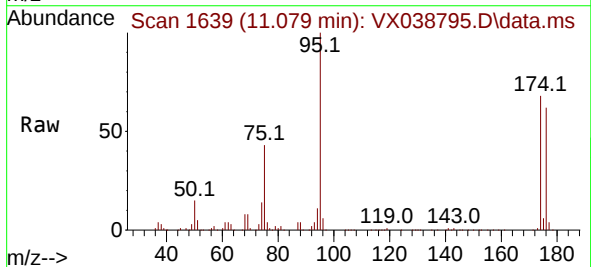
Manual Integrations
APPROVED

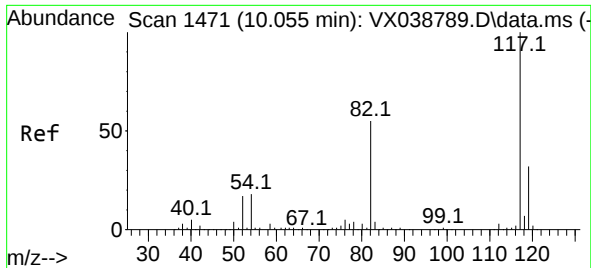
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#62
4-Bromofluorobenzene
Concen: 49.938 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038795.D
Acq: 14 Nov 2023 10:52

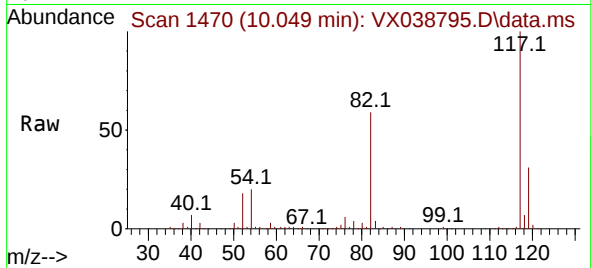
Tgt Ion: 95 Resp: 115975
Ion Ratio Lower Upper
95 100
174 67.3 0.0 135.6
176 63.8 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX038795.D
Acq: 14 Nov 2023 10:52

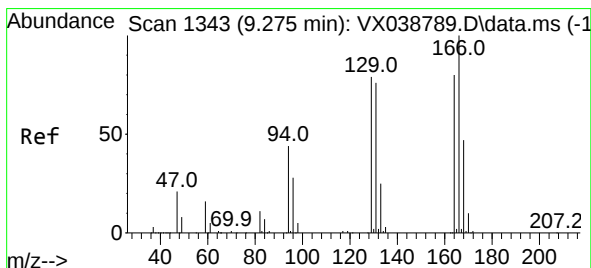
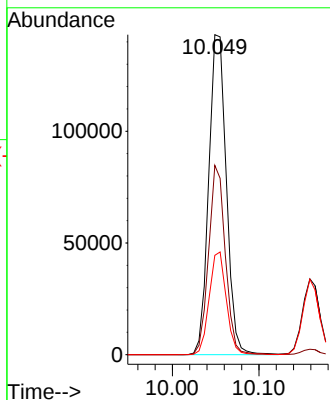
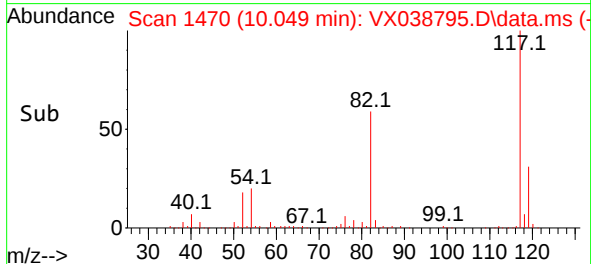
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 202389
Ion Ratio Lower Upper
117 100
82 59.2 46.2 69.4
119 31.1 25.5 38.3

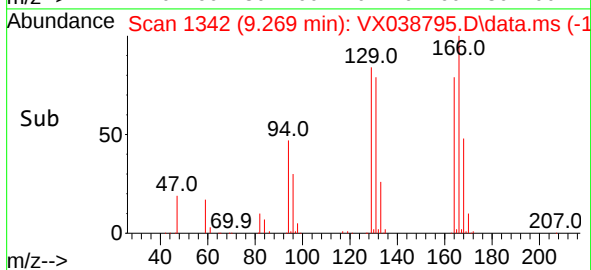
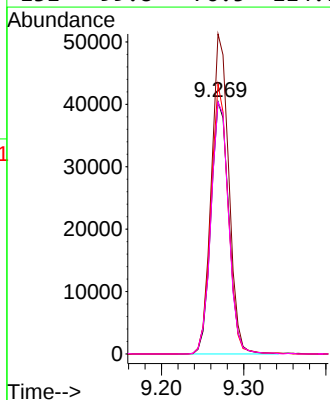
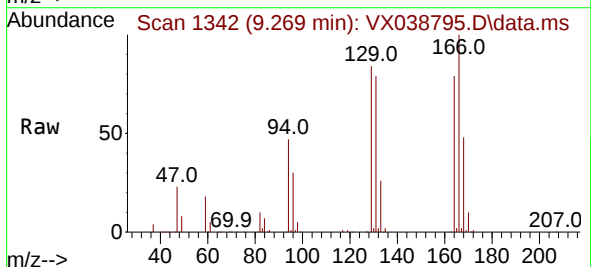
Manual Integrations
APPROVED

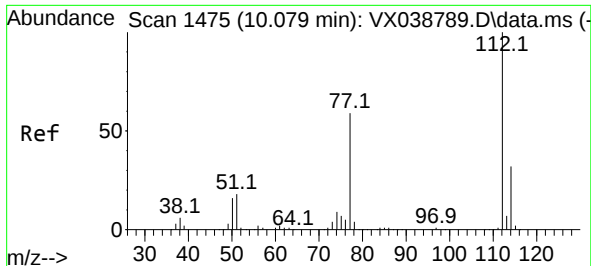
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#64
Tetrachloroethene
Concen: 46.732 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX038795.D
Acq: 14 Nov 2023 10:52

Tgt Ion:164 Resp: 60412
Ion Ratio Lower Upper
164 100
166 126.9 102.7 154.1
129 106.9 80.4 120.6
131 99.8 76.5 114.7





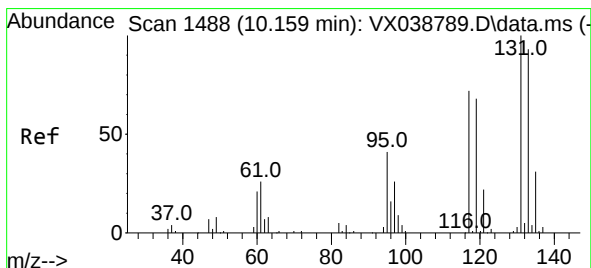
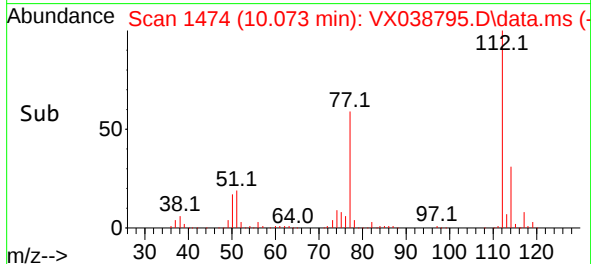
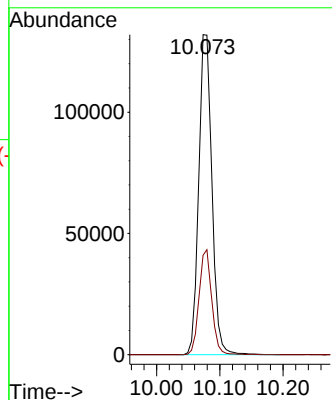
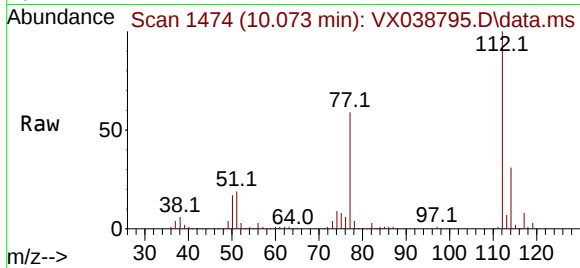
#65
Chlorobenzene
Concen: 46.368 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX038795.D
Acq: 14 Nov 2023 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 19186
Ion Ratio Lower Upper
112 100
114 31.1 25.7 38.5

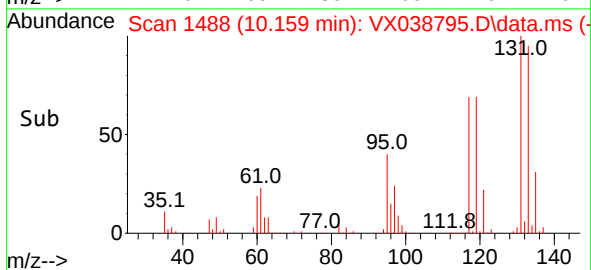
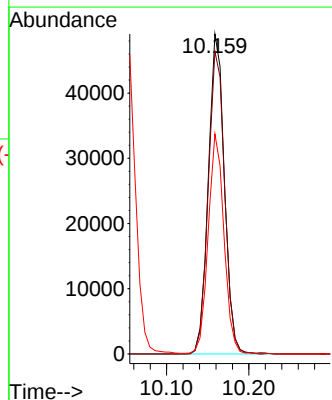
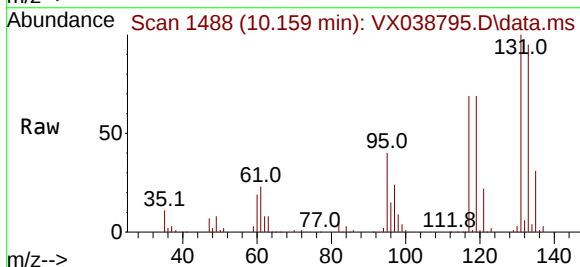
Manual Integrations
APPROVED

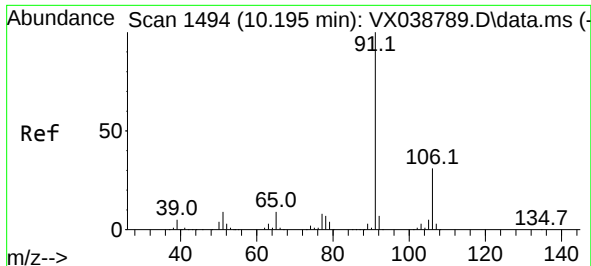
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 47.080 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX038795.D
Acq: 14 Nov 2023 10:52

Tgt Ion:131 Resp: 66611
Ion Ratio Lower Upper
131 100
133 96.3 47.1 141.4
119 67.5 32.2 96.6





#67

Ethyl Benzene

Concen: 46.214 ug/l

RT: 10.189 min Scan# 1494

Delta R.T. -0.006 min

Lab File: VX038795.D

Acq: 14 Nov 2023 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 339984

Ion Ratio Lower Upper

91 100

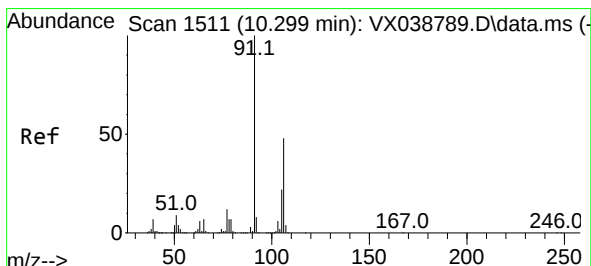
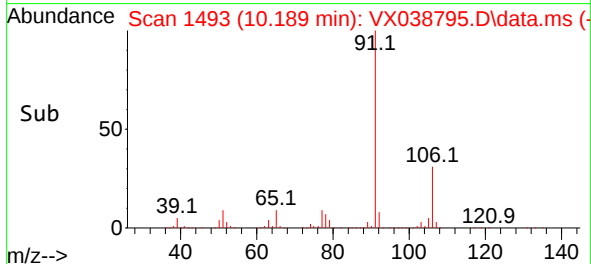
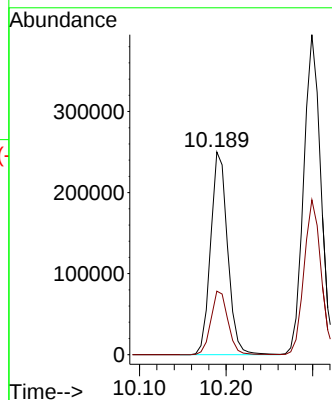
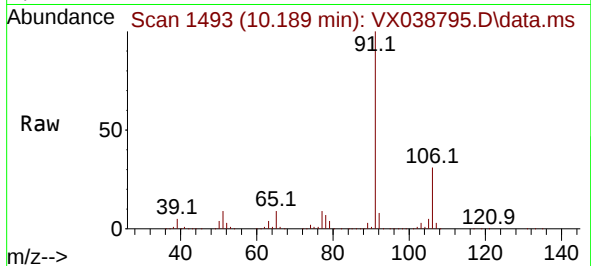
106 31.3 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#68

m/p-Xylenes

Concen: 93.605 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX038795.D

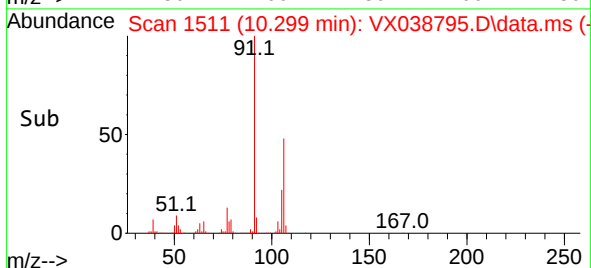
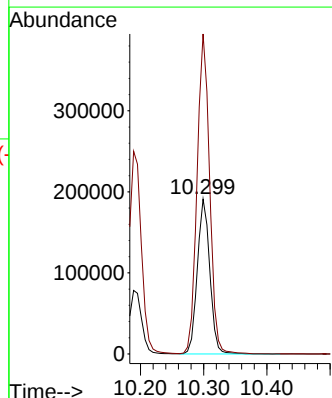
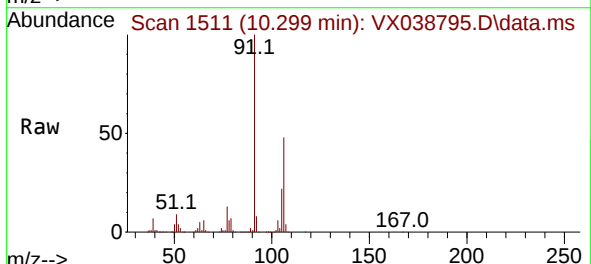
Acq: 14 Nov 2023 10:52

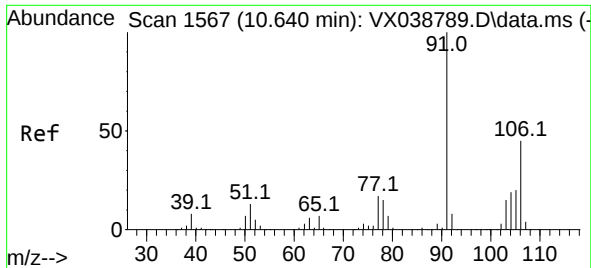
Tgt Ion:106 Resp: 262601

Ion Ratio Lower Upper

106 100

91 207.9 165.5 248.3





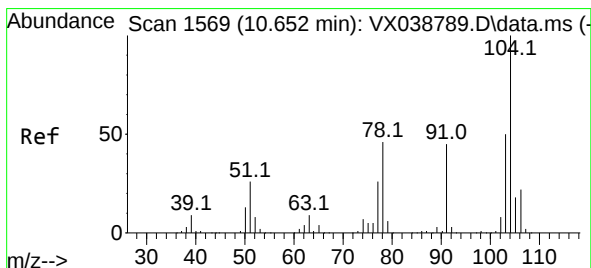
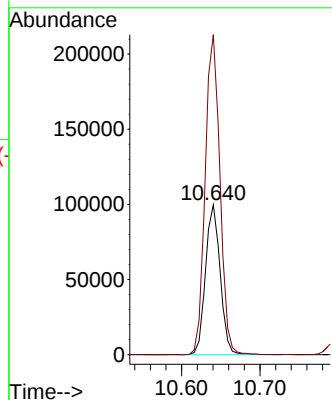
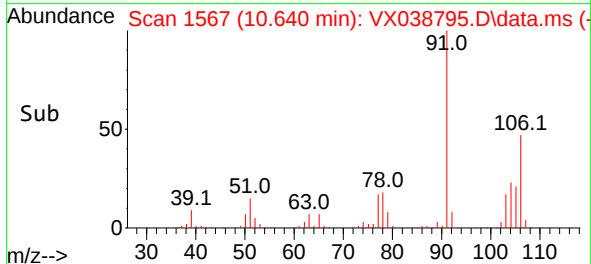
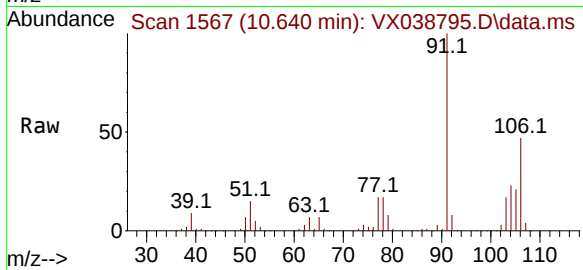
#69
o-Xylene
Concen: 47.451 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038795.D
Acq: 14 Nov 2023 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 129178
Ion Ratio Lower Upper
106 100
91 215.3 108.9 326.8

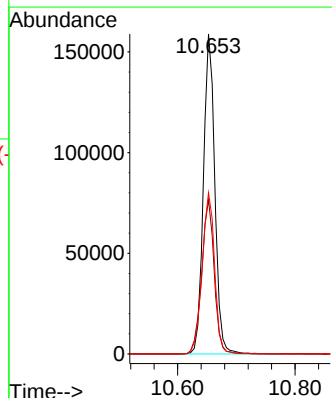
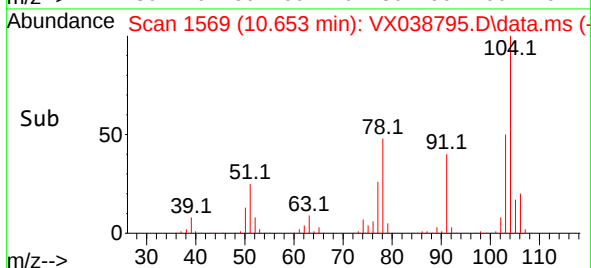
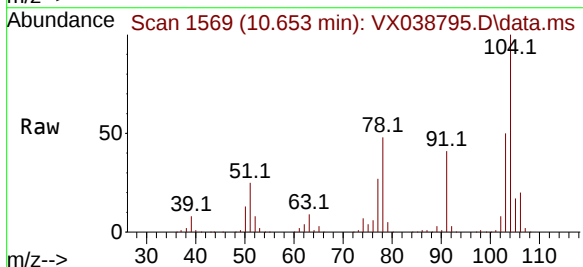
Manual Integrations
APPROVED

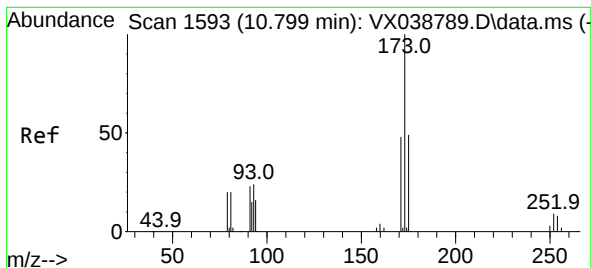
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#70
Styrene
Concen: 46.957 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX038795.D
Acq: 14 Nov 2023 10:52

Tgt Ion:104 Resp: 213867
Ion Ratio Lower Upper
104 100
78 52.7 43.6 65.4
103 55.1 43.6 65.4





#71

Bromoform

Concen: 48.545 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX038795.D

Acq: 14 Nov 2023 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

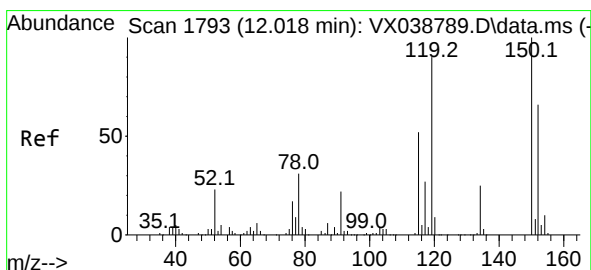
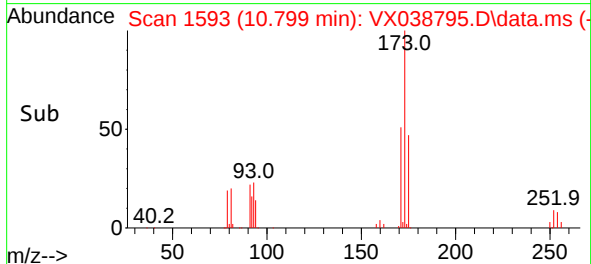
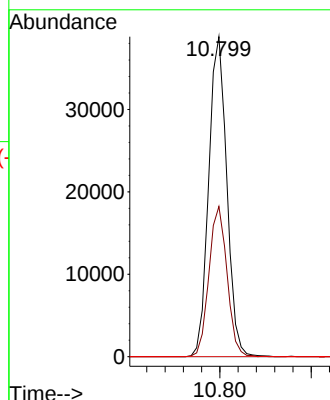
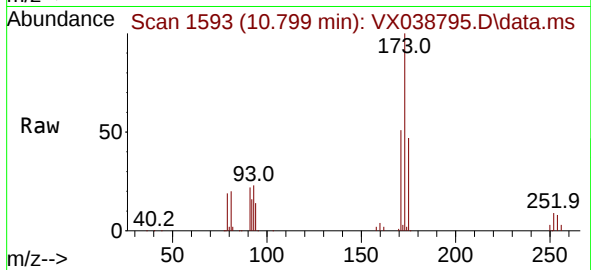
Tgt Ion:173	Resp:	53228
Ion Ratio	Lower	Upper
173	100	
175	47.0	24.1 72.4
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

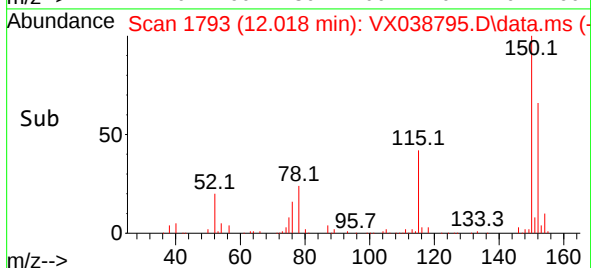
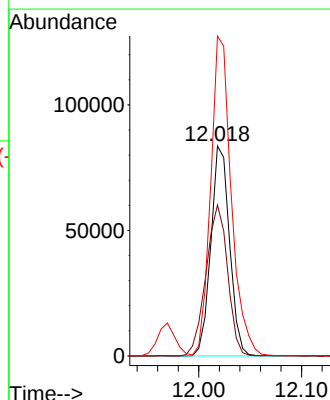
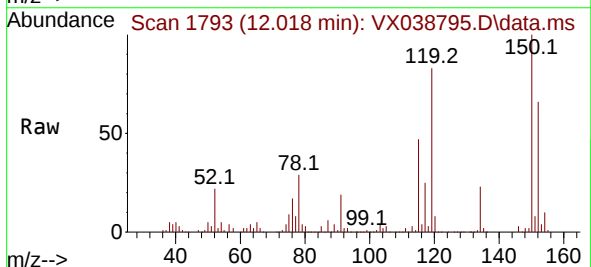
RT: 12.018 min Scan# 1793

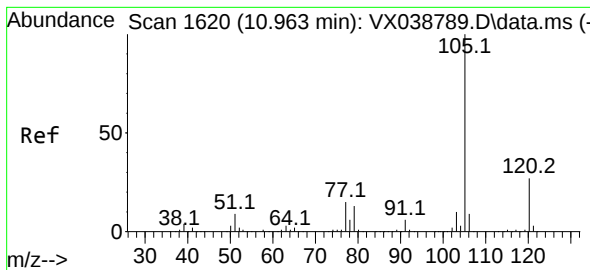
Delta R.T. 0.000 min

Lab File: VX038795.D

Acq: 14 Nov 2023 10:52

Tgt Ion:152	Resp:	105590
Ion Ratio	Lower	Upper
152	100	
115	83.1	43.3 129.9
150	167.6	0.0 345.0





#73

Isopropylbenzene

Concen: 45.777 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038795.D

Acq: 14 Nov 2023 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 33615

Ion Ratio Lower Upper

105 100

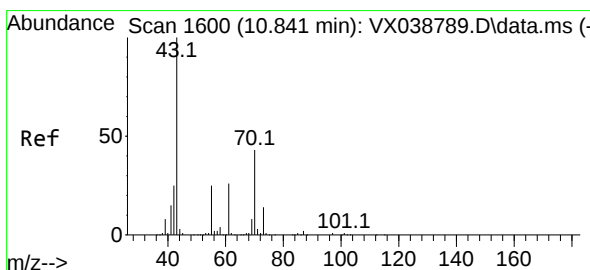
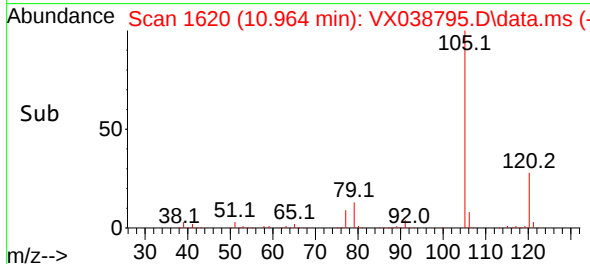
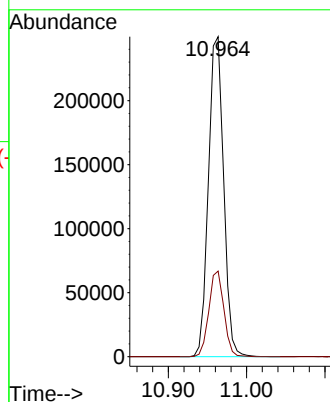
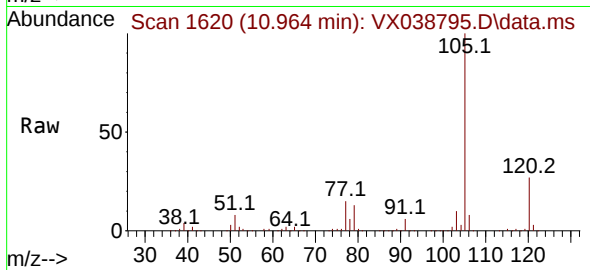
120 26.5 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#74

N-ethyl acetate

Concen: 47.645 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX038795.D

Acq: 14 Nov 2023 10:52

Tgt Ion: 43 Resp: 145287

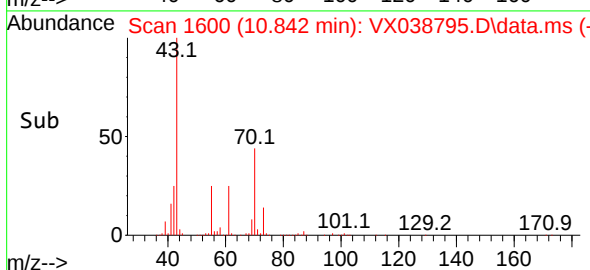
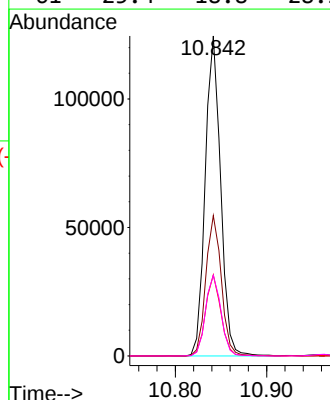
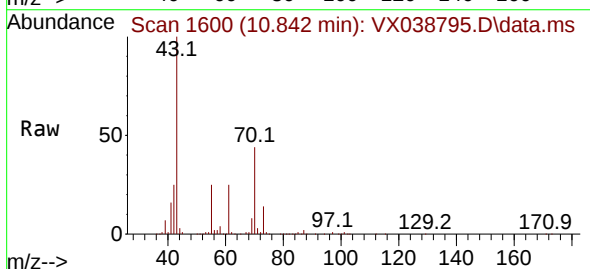
Ion Ratio Lower Upper

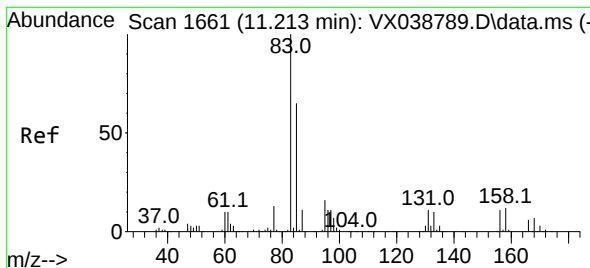
43 100

70 44.2 32.9 49.3

55 25.3 19.3 28.9

61 25.4 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 43.611 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX038795.D

Acq: 14 Nov 2023 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 11588

Ion Ratio Lower Upper

83 100

131 10.2 5.3 15.8

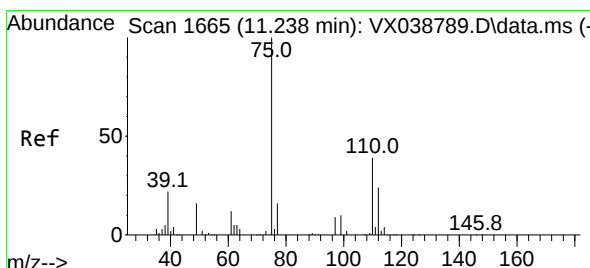
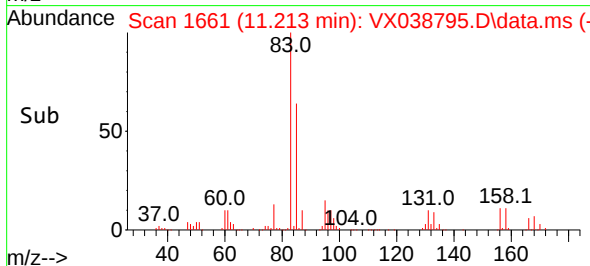
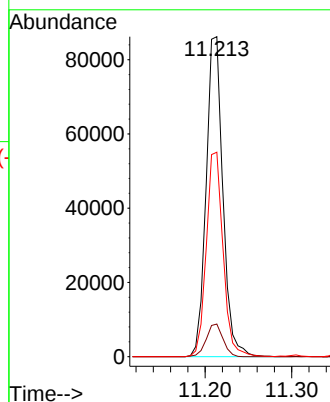
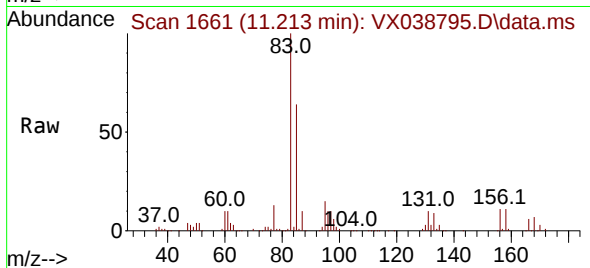
85 64.0 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#76

1,2,3-Trichloropropane

Concen: 45.233 ug/l m

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX038795.D

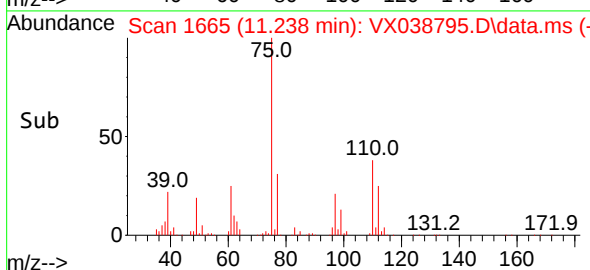
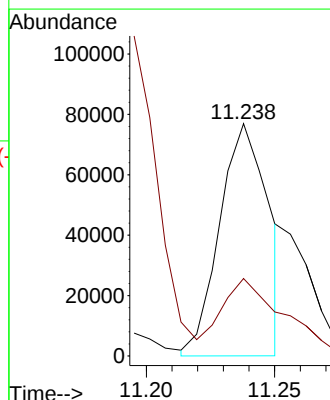
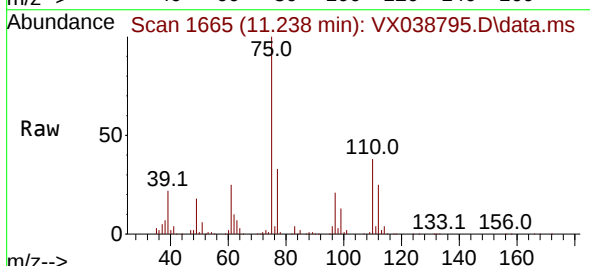
Acq: 14 Nov 2023 10:52

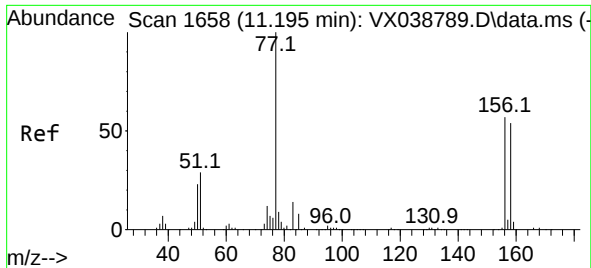
Tgt Ion: 75 Resp: 101982

Ion Ratio Lower Upper

75 100

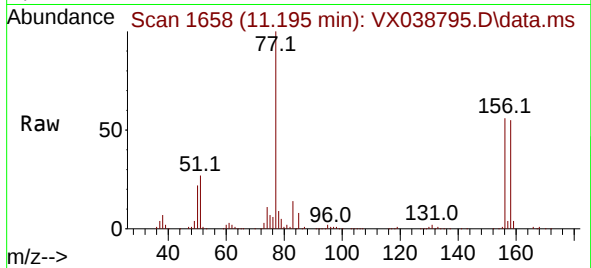
77 43.0 19.1 57.5





#77
Bromobenzene
Concen: 44.770 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX038795.D
Acq: 14 Nov 2023 10:52

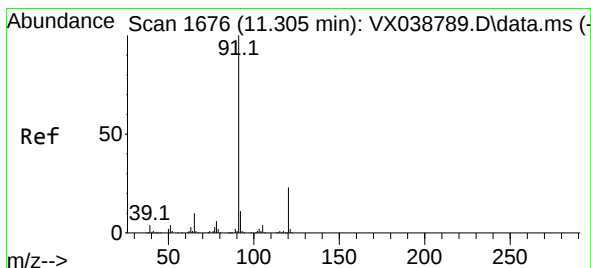
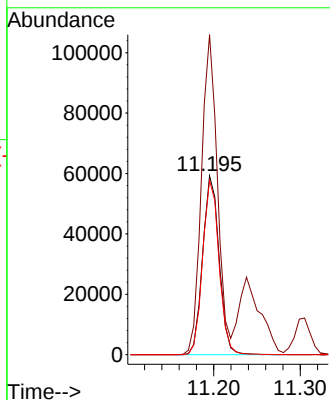
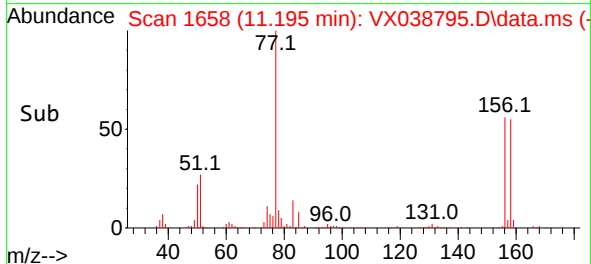
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



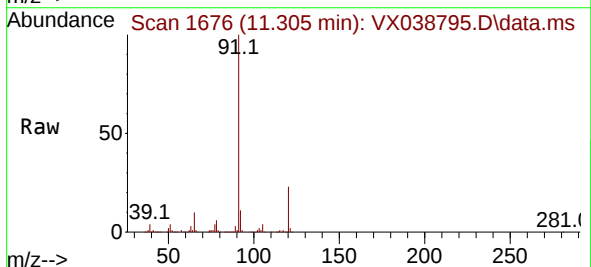
Tgt Ion:156 Resp: 78244
Ion Ratio Lower Upper
156 100
77 173.3 88.4 265.3
158 97.1 48.0 144.0

Manual Integrations
APPROVED

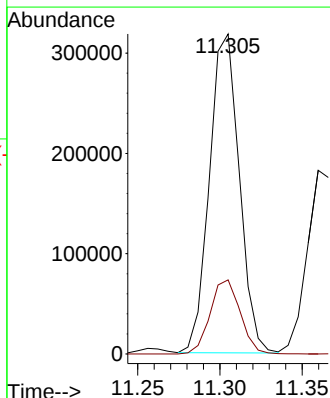
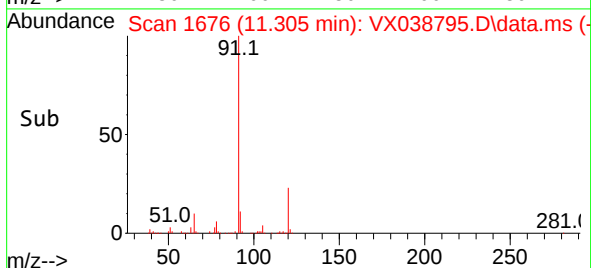
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023

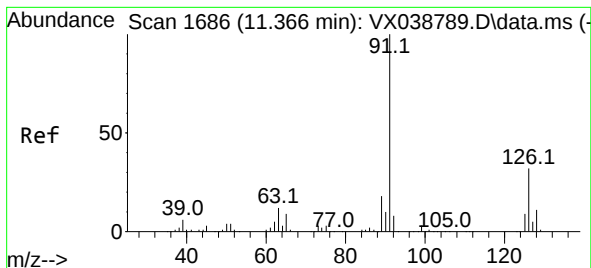


#78
n-propylbenzene
Concen: 45.765 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX038795.D
Acq: 14 Nov 2023 10:52



Tgt Ion: 91 Resp: 401959
Ion Ratio Lower Upper
91 100
120 23.4 11.5 34.4





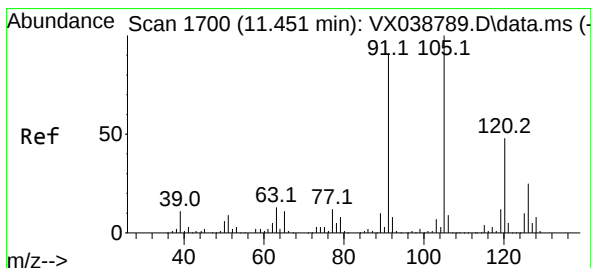
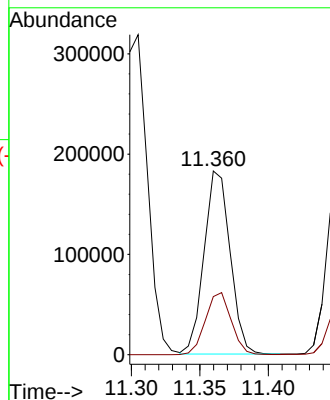
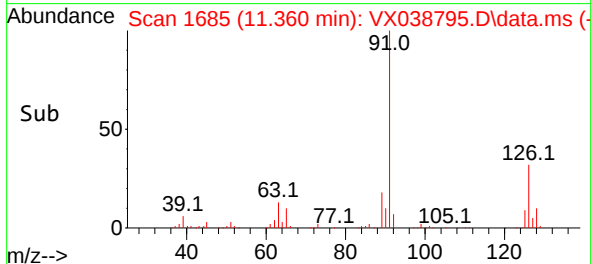
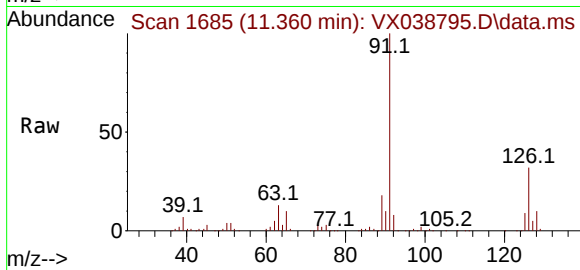
#79
2-Chlorotoluene
Concen: 44.881 ug/l
RT: 11.360 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VX038795.D
Acq: 14 Nov 2023 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 241709
Ion Ratio Lower Upper
91 100
126 33.6 16.3 48.8

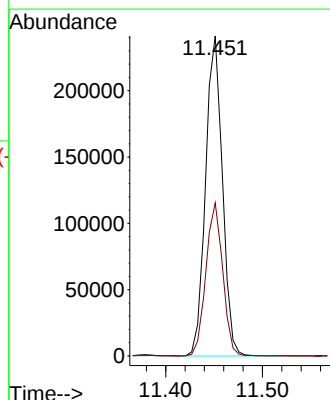
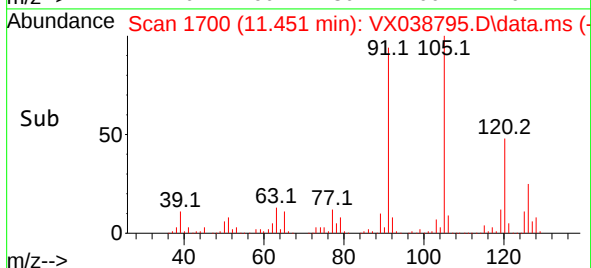
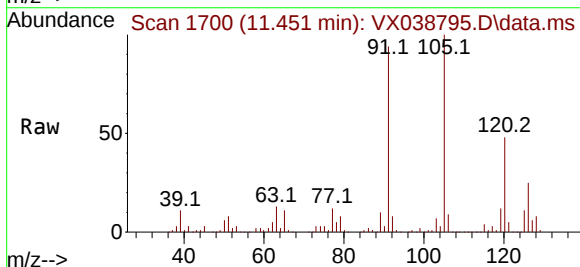
Manual Integrations
APPROVED

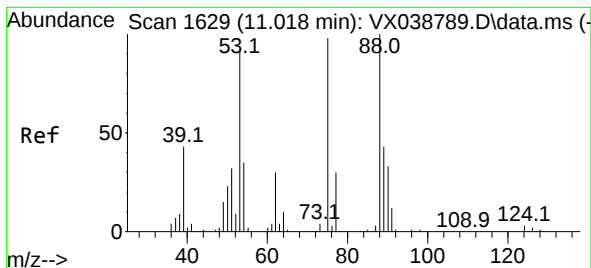
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#80
1,3,5-Trimethylbenzene
Concen: 46.226 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038795.D
Acq: 14 Nov 2023 10:52

Tgt Ion:105 Resp: 291750
Ion Ratio Lower Upper
105 100
120 47.8 24.1 72.3





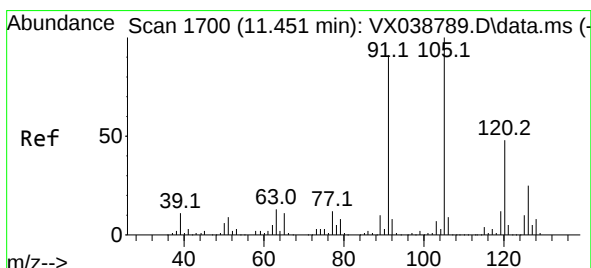
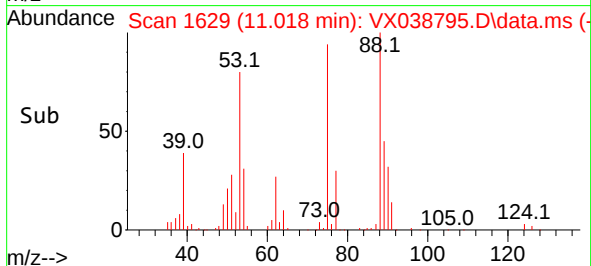
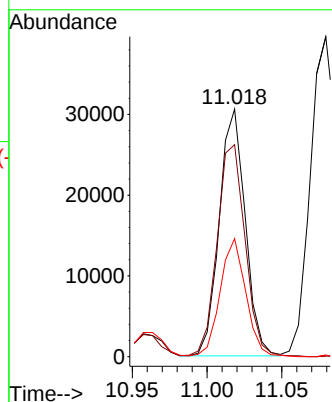
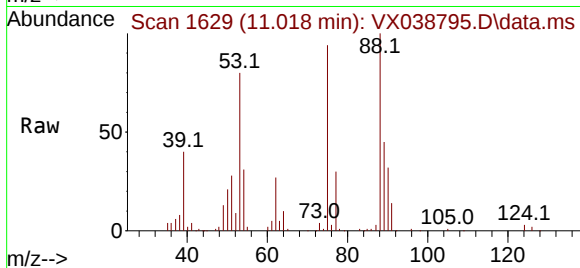
#81
trans-1,4-Dichloro-2-butene
Concen: 47.023 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038795.D
Acq: 14 Nov 2023 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 3689
Ion Ratio Lower Upper
75 100
53 92.8 90.5 135.7
89 47.4 36.9 55.3

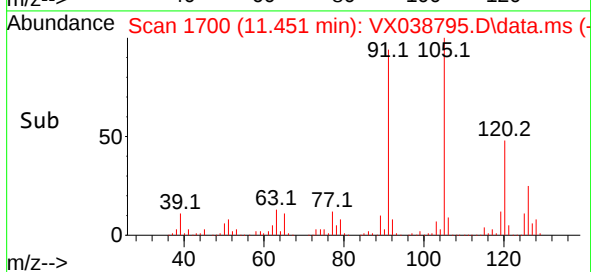
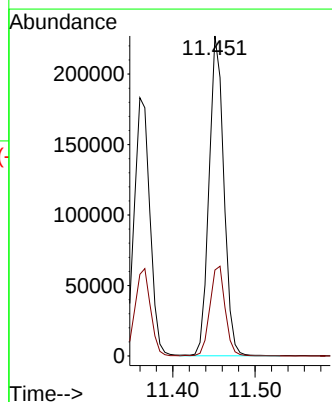
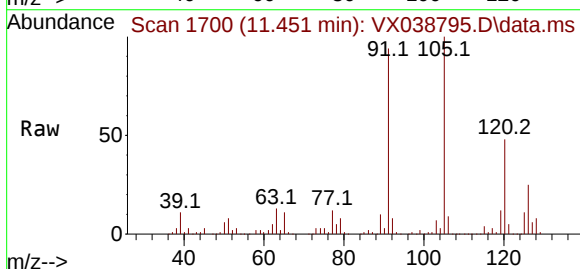
Manual Integrations
APPROVED

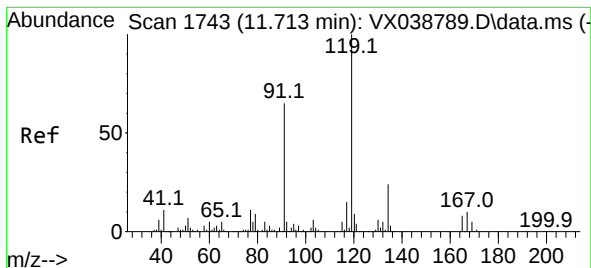
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#82
4-Chlorotoluene
Concen: 45.681 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038795.D
Acq: 14 Nov 2023 10:52

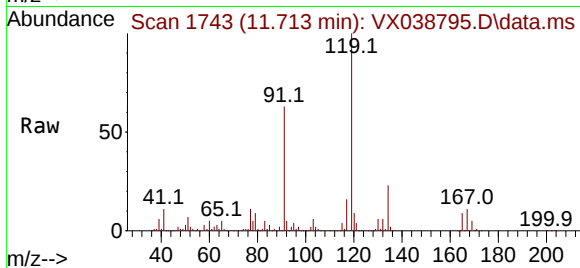
Tgt Ion: 91 Resp: 283220
Ion Ratio Lower Upper
91 100
126 28.8 14.2 42.6





#83
tert-Butylbenzene
Concen: 45.722 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX038795.D
Acq: 14 Nov 2023 10:52

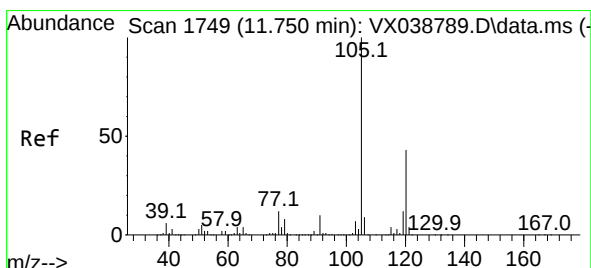
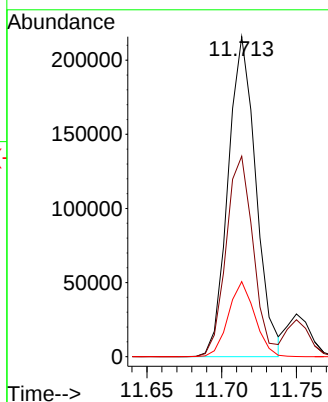
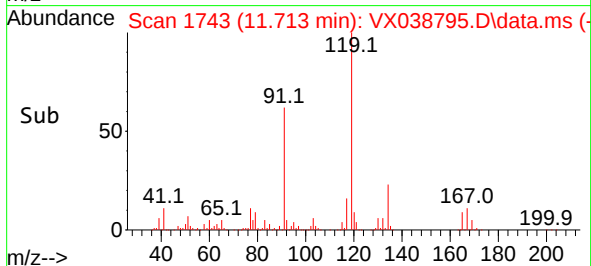
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



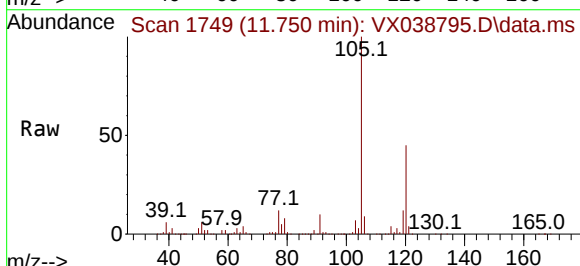
Tgt Ion:119 Resp: 27956
Ion Ratio Lower Upper
119 100
91 61.5 31.2 93.6
134 22.3 11.7 35.0

Manual Integrations
APPROVED

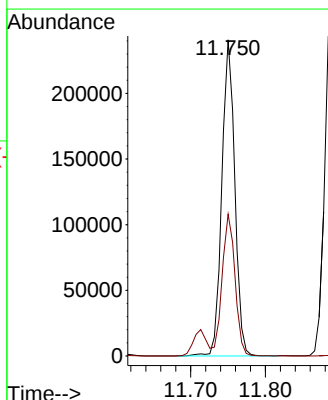
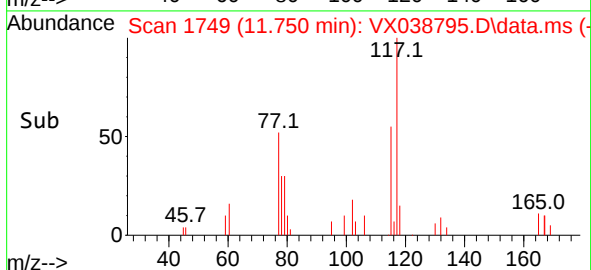
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023

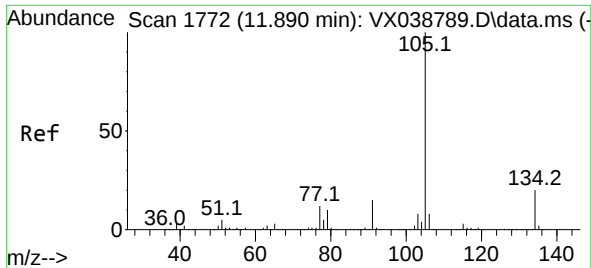


#84
1,2,4-Trimethylbenzene
Concen: 45.868 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX038795.D
Acq: 14 Nov 2023 10:52



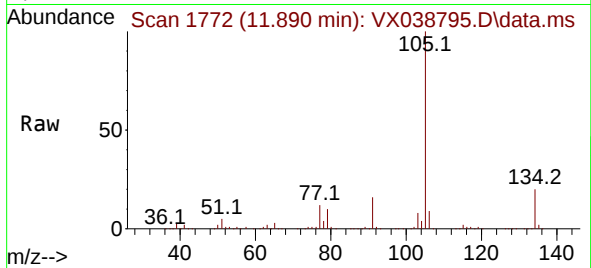
Tgt Ion:105 Resp: 290652
Ion Ratio Lower Upper
105 100
120 44.7 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 45.984 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038795.D
 Acq: 14 Nov 2023 10:52

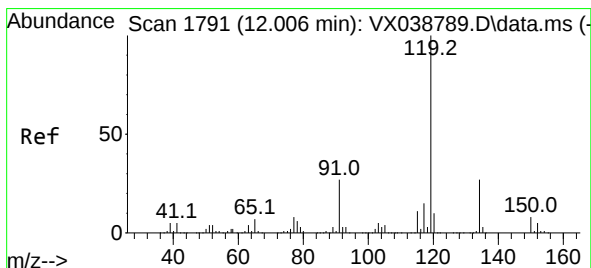
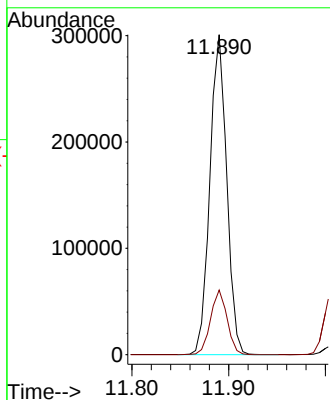
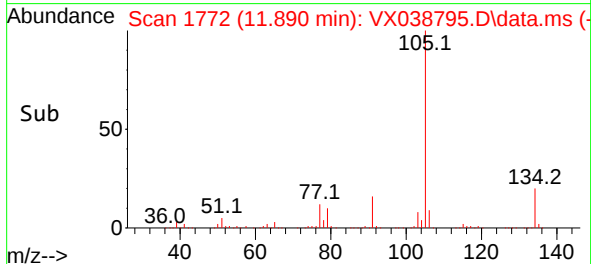
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



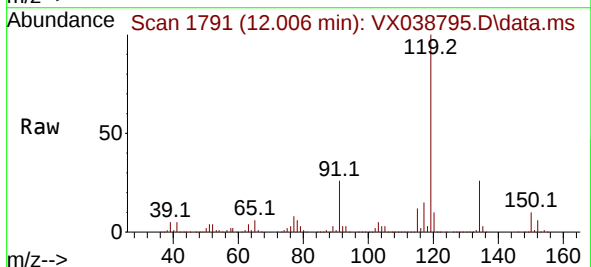
Tgt Ion:105 Resp: 36424
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.4

Manual Integrations
 APPROVED

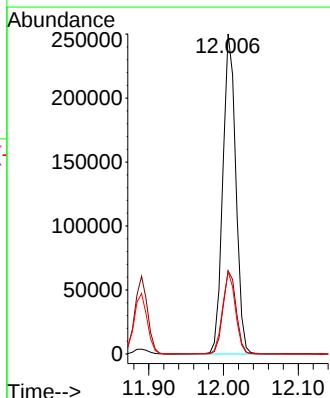
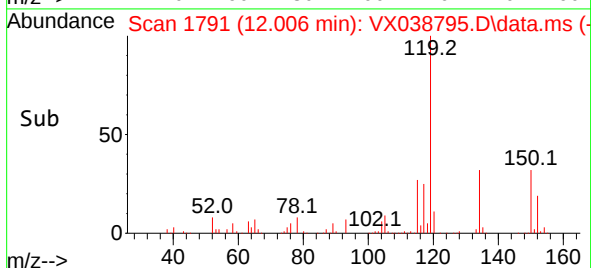
Reviewed By :John Carlone 11/15/2023
 Supervised By :Mahesh Dadoda 11/15/2023

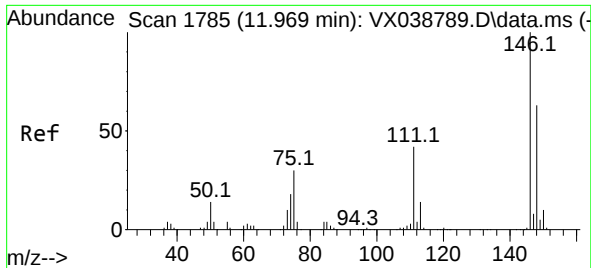


#86
 p-Isopropyltoluene
 Concen: 46.876 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX038795.D
 Acq: 14 Nov 2023 10:52



Tgt Ion:119 Resp: 302730
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.8 38.3
 91 25.3 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 44.694 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038795.D

Acq: 14 Nov 2023 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 157220

Ion Ratio Lower Upper

146 100

111 43.2 22.1 66.1

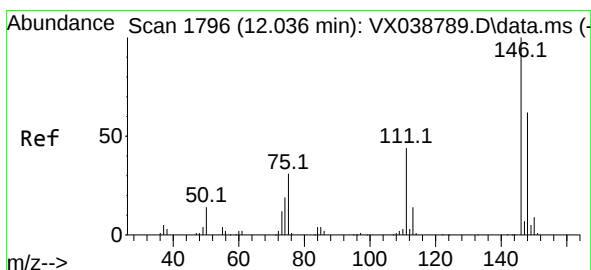
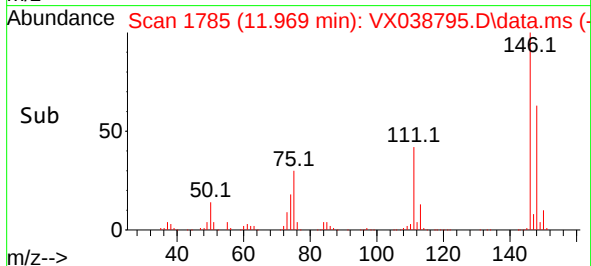
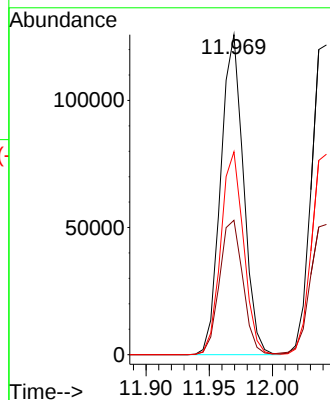
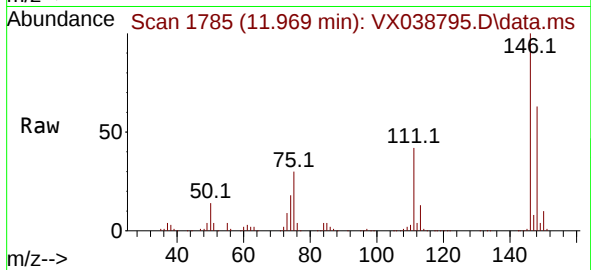
148 63.5 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#88

1,4-Dichlorobenzene

Concen: 44.027 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX038795.D

Acq: 14 Nov 2023 10:52

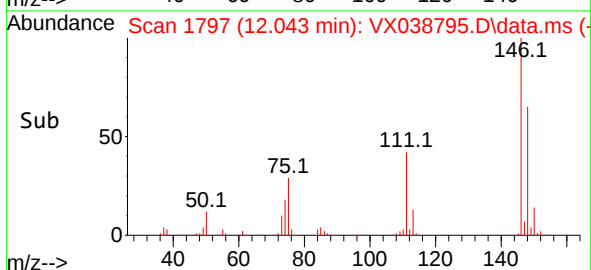
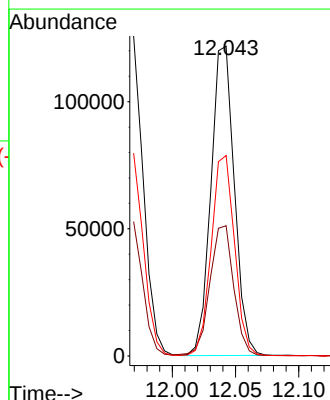
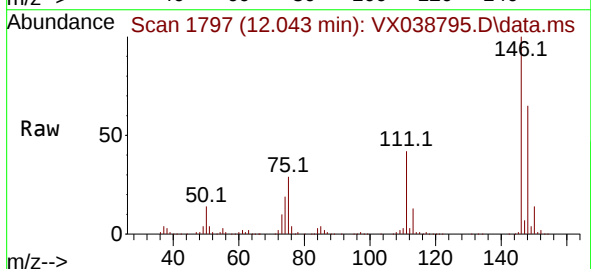
Tgt Ion:146 Resp: 156929

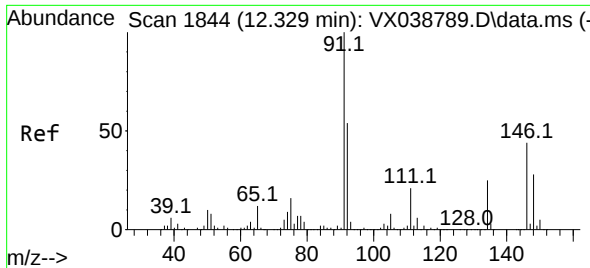
Ion Ratio Lower Upper

146 100

111 43.0 21.3 63.7

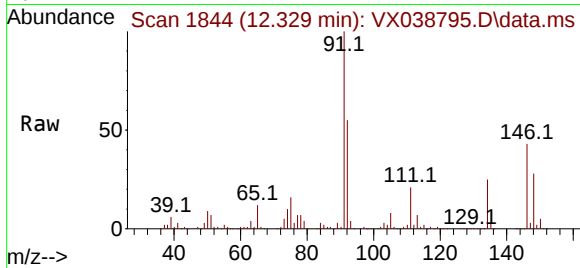
148 64.5 31.8 95.4





#89
n-Butylbenzene
Concen: 46.778 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX038795.D
Acq: 14 Nov 2023 10:52

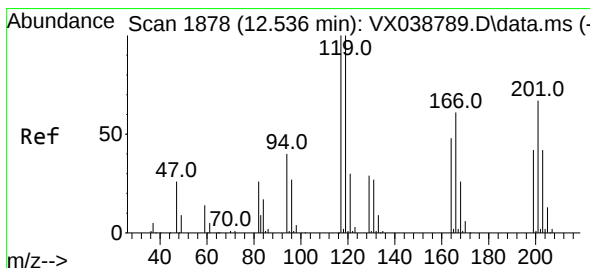
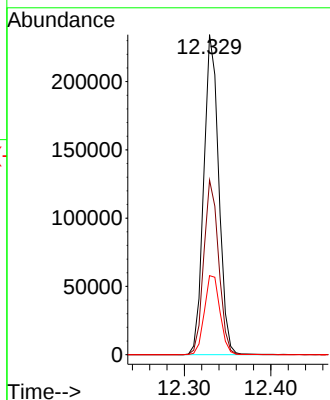
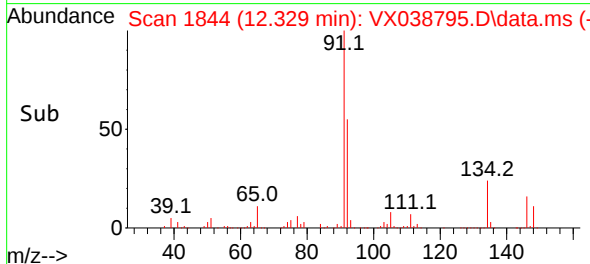
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 28142
Ion Ratio Lower Upper
91 100
92 54.2 27.4 82.0
134 25.9 12.6 37.8

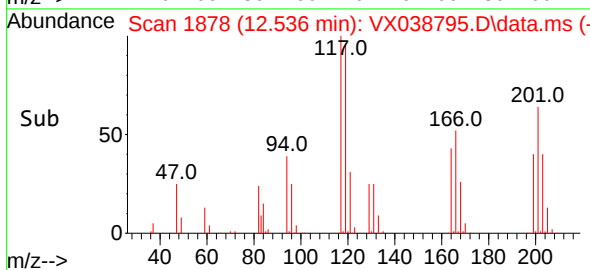
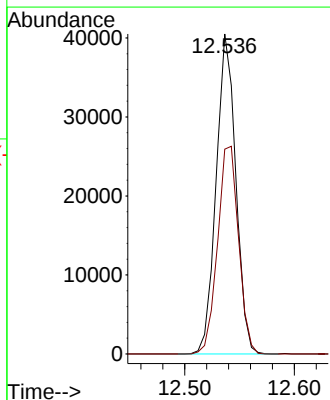
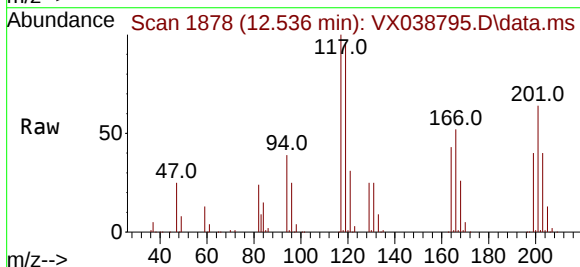
Manual Integrations
APPROVED

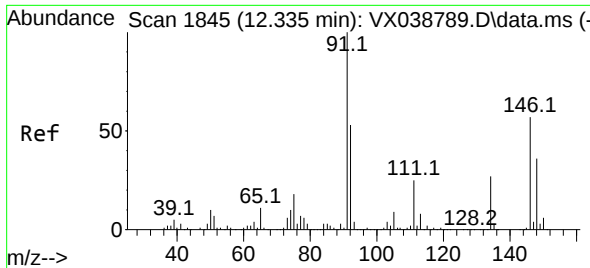
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#90
Hexachloroethane
Concen: 48.855 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX038795.D
Acq: 14 Nov 2023 10:52

Tgt Ion:117 Resp: 50381
Ion Ratio Lower Upper
117 100
201 69.4 32.9 98.6





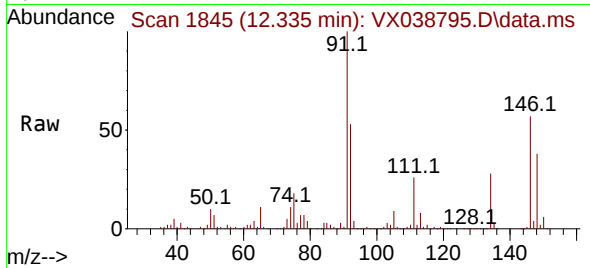
#91
1,2-Dichlorobenzene
Concen: 43.957 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038795.D
Acq: 14 Nov 2023 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



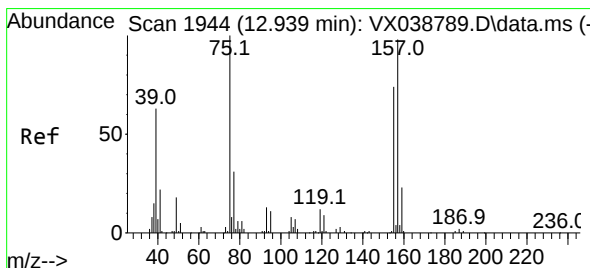
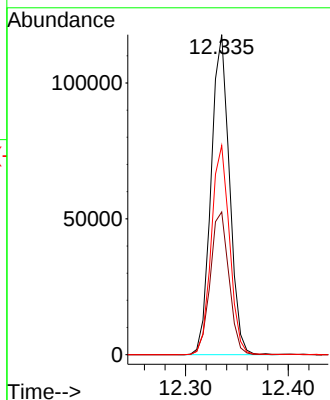
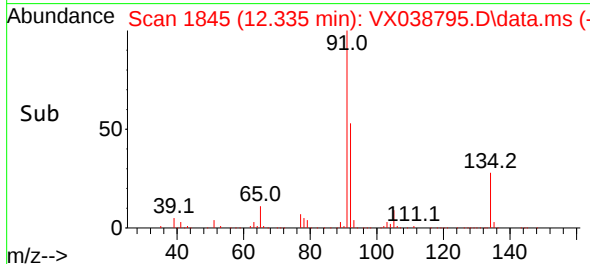
Tgt Ion:146 Resp: 14614
Ion Ratio Lower Upper
146 100
111 45.4 22.4 67.0
148 65.1 31.6 95.0

Manual Integrations

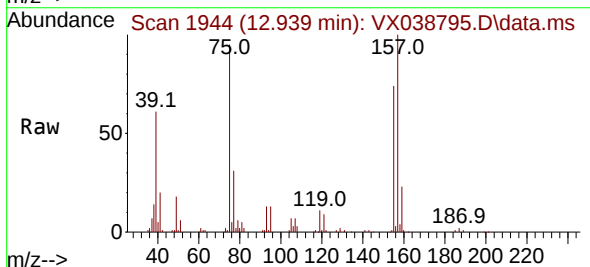
APPROVED

Reviewed By :John Carlone 11/15/2023

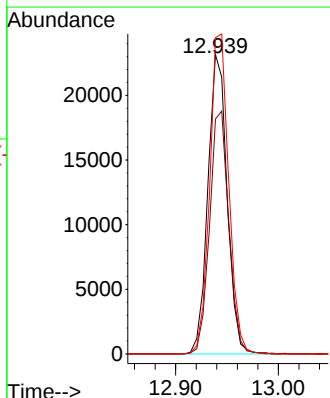
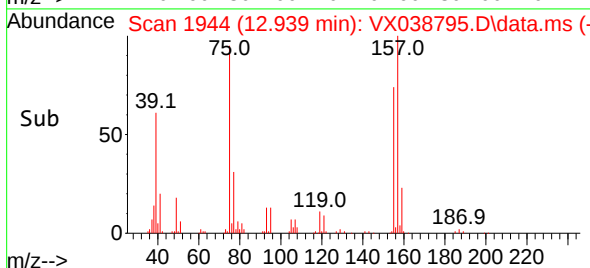
Supervised By :Mahesh Dadoda 11/15/2023

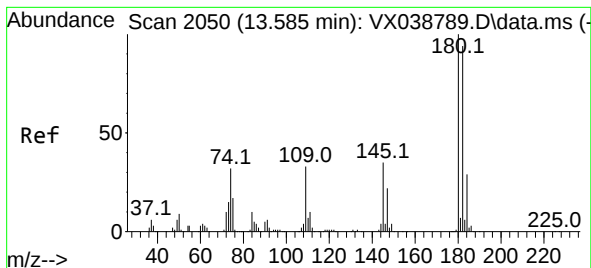


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.305 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX038795.D
Acq: 14 Nov 2023 10:52



Tgt Ion: 75 Resp: 29985
Ion Ratio Lower Upper
75 100
155 81.3 36.1 108.5
157 106.4 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 46.038 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX038795.D

Acq: 14 Nov 2023 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

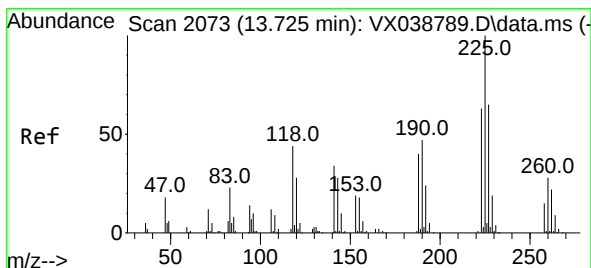
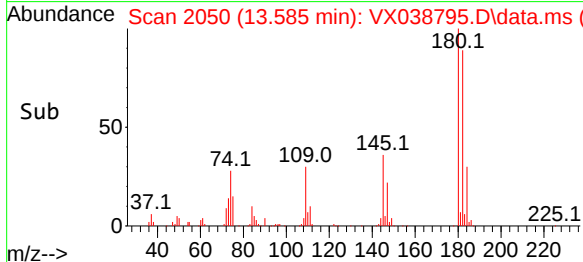
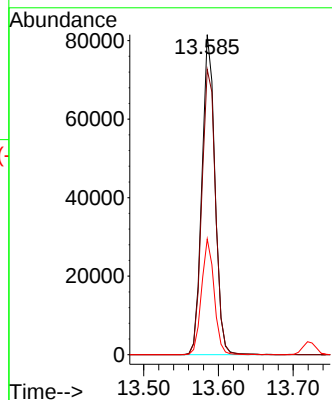
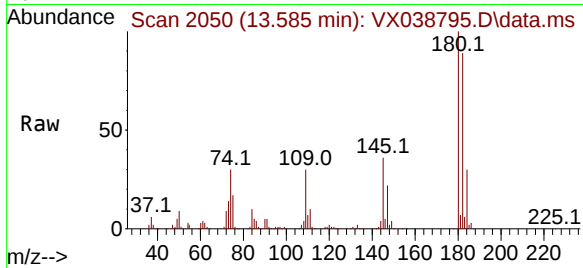
Tgt Ion:	180	Resp:	9856
Ion Ratio	Lower	Upper	
180	100		
182	93.8	48.3	144.8
145	35.0	18.0	54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#94

Hexachlorobutadiene

Concen: 47.934 ug/l

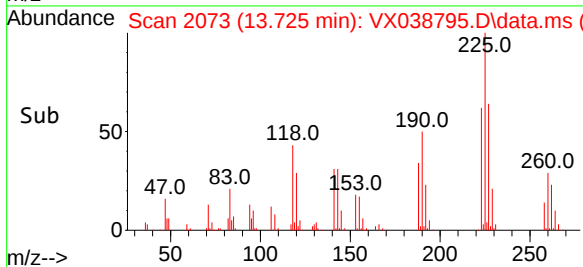
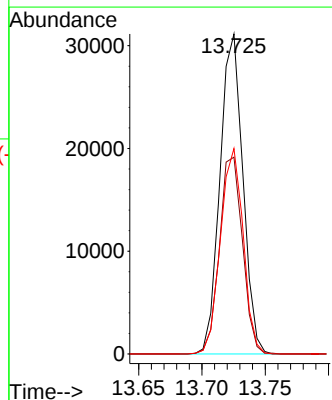
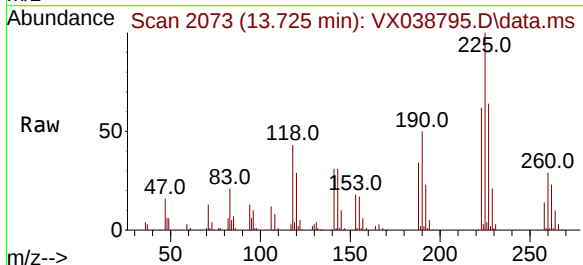
RT: 13.725 min Scan# 2073

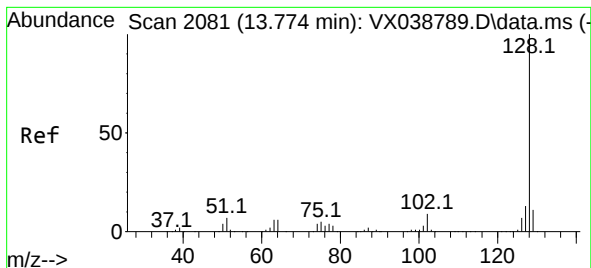
Delta R.T. 0.000 min

Lab File: VX038795.D

Acq: 14 Nov 2023 10:52

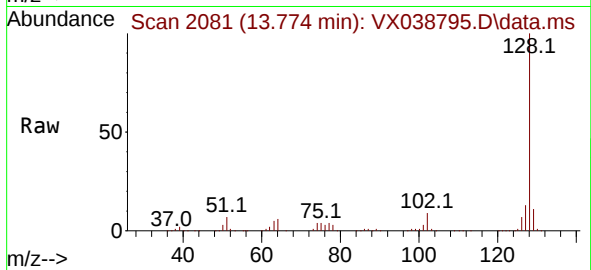
Tgt Ion:	225	Resp:	39101
Ion Ratio	Lower	Upper	
225	100		
223	62.2	31.1	93.2
227	63.7	32.5	97.5





#95
Naphthalene
Concen: 45.805 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX038795.D
Acq: 14 Nov 2023 10:52

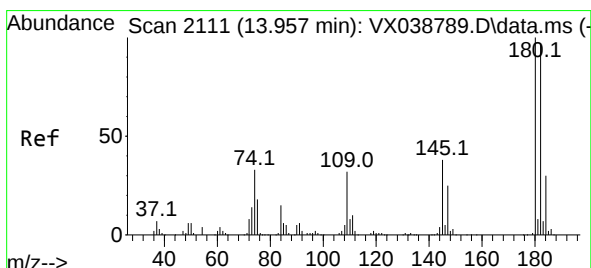
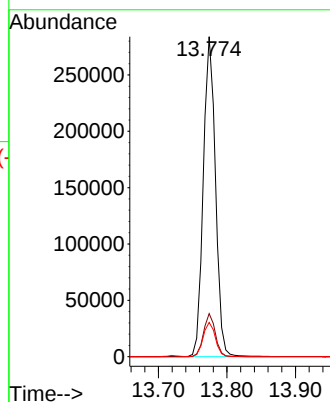
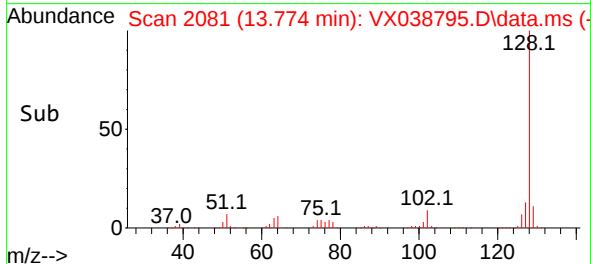
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



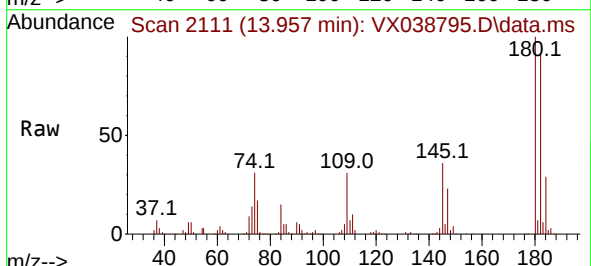
Tgt Ion:128 Resp: 35215
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#96
1,2,3-Trichlorobenzene
Concen: 45.250 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX038795.D
Acq: 14 Nov 2023 10:52



Tgt Ion:180 Resp: 95330
Ion Ratio Lower Upper
180 100
182 93.9 46.9 140.6
145 36.1 17.8 53.5

