

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091223\
 Data File : VX037681.D
 Acq On : 12 Sep 2023 20:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/13/2023
 Supervised By : Mahesh Dadoda 09/13/2023

Quant Time: Sep 13 01:51:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 10:10:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	118622	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	246432	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	255379	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125843	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	131998	68.777	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 137.560%#			
35) Dibromofluoromethane	5.385	113	100346	57.448	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 114.900%			
50) Toluene-d8	8.647	98	337233	51.191	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.380%			
62) 4-Bromofluorobenzene	11.079	95	132744	55.853	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.700%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	51555	39.641	ug/l	96
3) Chloromethane	1.301	50	80597	54.398	ug/l	100
4) Vinyl Chloride	1.374	62	76440	45.863	ug/l	97
5) Bromomethane	1.593	94	67834	48.658	ug/l	100
6) Chloroethane	1.666	64	61485	53.654	ug/l	98
7) Trichlorofluoromethane	1.874	101	119715	43.414	ug/l	97
8) Diethyl Ether	2.136	74	74019	67.635	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.325	101	50544	40.889	ug/l	99
10) Methyl Iodide	2.447	142	92287	63.219	ug/l	95
11) Tert butyl alcohol	2.977	59	165143	423.203	ug/l #	93
12) 1,1-Dichloroethene	2.313	96	59321	48.607	ug/l	86
13) Acrolein	2.239	56	110266	351.644	ug/l	99
14) Allyl chloride	2.660	41	129168	60.416	ug/l	96
15) Acrylonitrile	3.068	53	337731	383.714	ug/l	99
16) Acetone	2.386	43	286317	369.008	ug/l	90
17) Carbon Disulfide	2.508	76	135193	43.576	ug/l	97
18) Methyl Acetate	2.703	43	247404	75.504	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	348707	72.376	ug/l	100
20) Methylene Chloride	2.788	84	107460	72.193	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	75714	53.923	ug/l	91
22) Diisopropyl ether	3.764	45	315321	67.700	ug/l	87
23) Vinyl Acetate	3.721	43	1268809	373.476	ug/l	97
24) 1,1-Dichloroethane	3.605	63	164738	60.696	ug/l	100
25) 2-Butanone	4.562	43	472375	373.373	ug/l	91
26) 2,2-Dichloropropane	4.477	77	94553	50.081	ug/l	92
27) cis-1,2-Dichloroethene	4.489	96	109296	63.833	ug/l	89
28) Bromochloromethane	4.897	49	92651	67.567	ug/l	85
29) Tetrahydrofuran	5.007	42	307896	382.164	ug/l	91
30) Chloroform	5.093	83	187053	63.814	ug/l	99
31) Cyclohexane	5.471	56	90939	41.149	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	130978	53.688	ug/l	99
36) 1,1-Dichloropropene	5.696	75	95596	40.231	ug/l	97
37) Ethyl Acetate	4.721	43	181148	66.625	ug/l	97
38) Carbon Tetrachloride	5.678	117	101026	41.617	ug/l	99
39) Methylcyclohexane	7.379	83	91916	32.690	ug/l	93
40) Benzene	6.037	78	375067	52.066	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	95965	67.009	ug/l	91
42) 1,2-Dichloroethane	6.086	62	165268	58.698	ug/l	97
43) Isopropyl Acetate	6.342	43	283299	65.312	ug/l	96
44) Trichloroethene	7.129	130	90262	50.151	ug/l	99
45) 1,2-Dichloropropane	7.434	63	107801	56.705	ug/l	99
46) Dibromomethane	7.580	93	83843	60.622	ug/l	93
47) Bromodichloromethane	7.824	83	147294	58.994	ug/l	97
48) Methyl methacrylate	7.696	41	138607	66.104	ug/l	90
49) 1,4-Dioxane	7.665	88	73120	1407.518	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	946427	332.283	ug/l	96
52) Toluene	8.720	92	234312	50.589	ug/l	94
53) t-1,3-Dichloropropene	8.982	75	160081	63.240	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	168647	60.717	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	126002	64.605	ug/l	94
56) Ethyl methacrylate	9.116	69	198853	66.639	ug/l	92
57) 1,3-Dichloropropane	9.311	76	203265	62.134	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	485291	335.403	ug/l	100
59) 2-Hexanone	9.433	43	738152	335.744	ug/l	95
60) Dibromochloromethane	9.519	129	123015	64.214	ug/l	99
61) 1,2-Dibromoethane	9.610	107	135001	64.397	ug/l	100
64) Tetrachloroethene	9.275	164	65959	39.864	ug/l	97
65) Chlorobenzene	10.079	112	272448	50.052	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	108208	57.681	ug/l	99
67) Ethyl Benzene	10.195	91	438576	45.276	ug/l	99
68) m/p-Xylenes	10.299	106	338542	91.657	ug/l	99
69) o-Xylene	10.640	106	184821	50.188	ug/l	99
70) Styrene	10.659	104	317786	52.894	ug/l	96
71) Bromoform	10.799	173	93373	63.608	ug/l #	98
73) Isopropylbenzene	10.963	105	414698	44.015	ug/l	99
74) N-amyl acetate	10.842	43	253541	61.712	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	209905	59.534	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	166398m	60.145	ug/l	
77) Bromobenzene	11.201	156	124041	55.555	ug/l	91
78) n-propylbenzene	11.305	91	460270	42.462	ug/l	100
79) 2-Chlorotoluene	11.366	91	319374	47.865	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	368711	46.564	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	55849	61.362	ug/l	92
82) 4-Chlorotoluene	11.457	91	362032	47.498	ug/l	97
83) tert-Butylbenzene	11.713	119	360075	45.265	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	382552	47.920	ug/l	99
85) sec-Butylbenzene	11.890	105	396481	40.372	ug/l	100
86) p-Isopropyltoluene	12.012	119	333821	41.482	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	210539	49.109	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	215170	48.835	ug/l	99
89) n-Butylbenzene	12.335	91	272491	37.387	ug/l	97
90) Hexachloroethane	12.536	117	59963	44.157	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	231496	53.971	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	47031	64.963	ug/l	83
93) 1,2,4-Trichlorobenzene	13.585	180	126872	49.667	ug/l	95
94) Hexachlorobutadiene	13.725	225	38182	35.782	ug/l	98
95) Naphthalene	13.774	128	558545	60.362	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	138192	52.726	ug/l	98

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VSTDCCC050EC

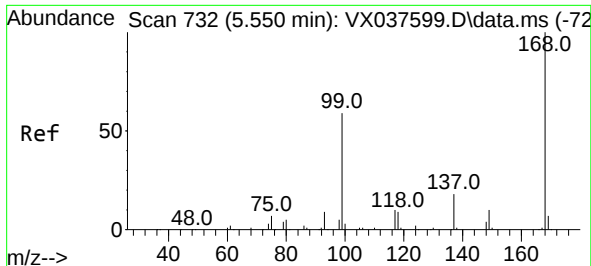
Manual Integrations
APPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 12 10:10:04 2023
Response via : Initial Calibration

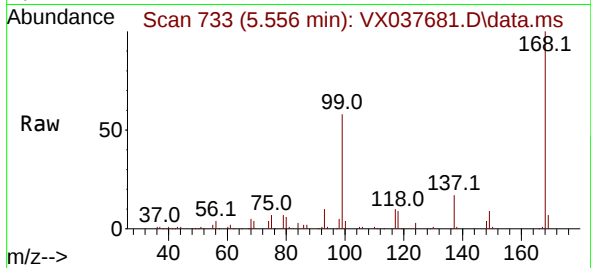
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037681.D
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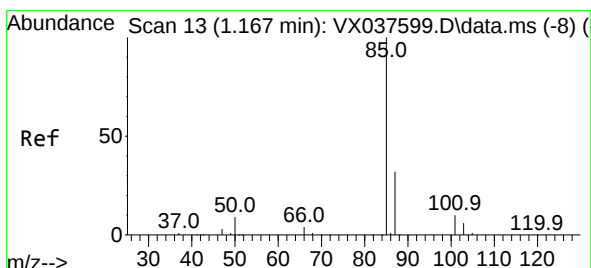
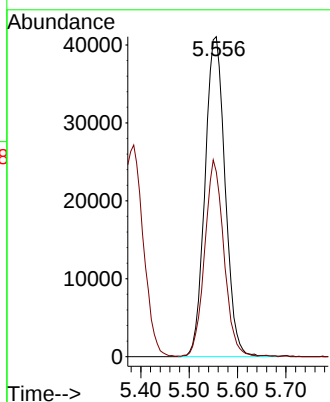
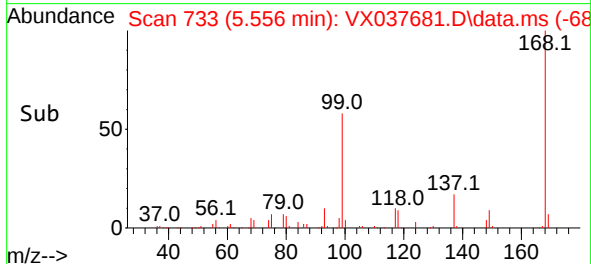
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 11862
Ion Ratio Lower Upper
168 100
99 57.8 56.6 85.0

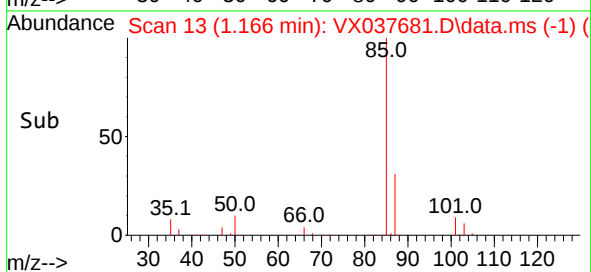
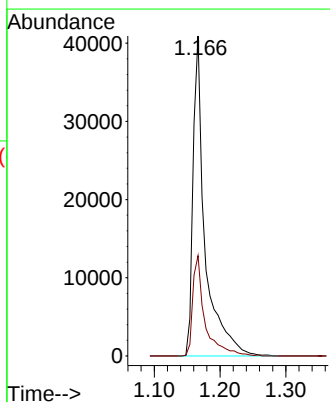
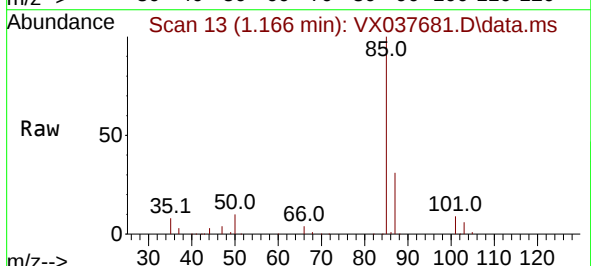
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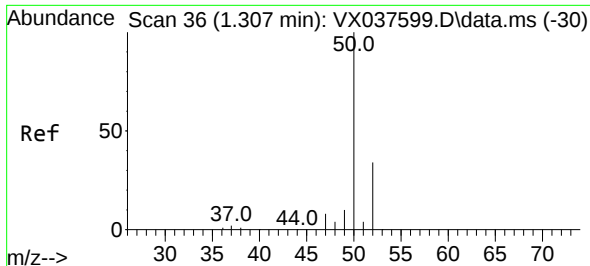
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#2
Dichlorodifluoromethane
Concen: 39.641 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17

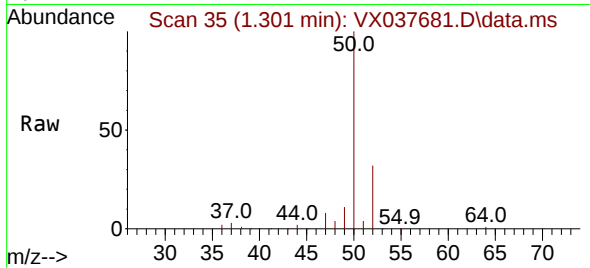
Tgt Ion: 85 Resp: 51555
Ion Ratio Lower Upper
85 100
87 31.4 16.7 50.1





#3
Chloromethane
Concen: 54.398 ug/l
RT: 1.301 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17

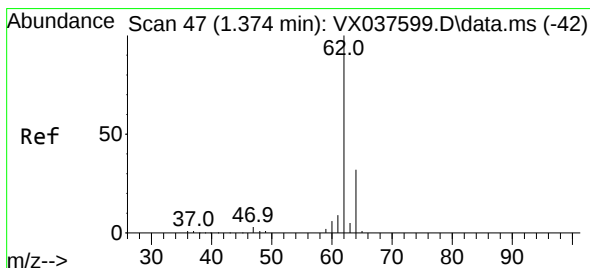
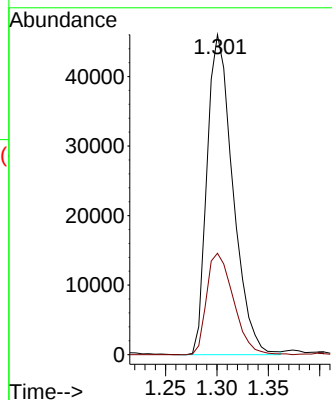
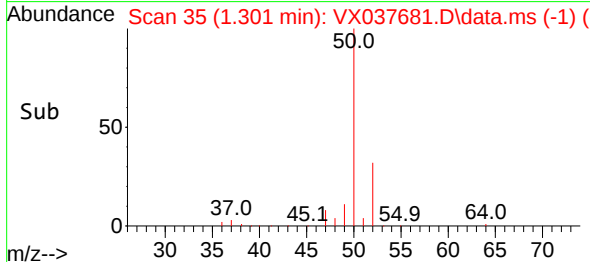
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Tgt Ion: 50 Resp: 8059
Ion Ratio Lower Upper
50 100
52 31.7 25.5 38.3

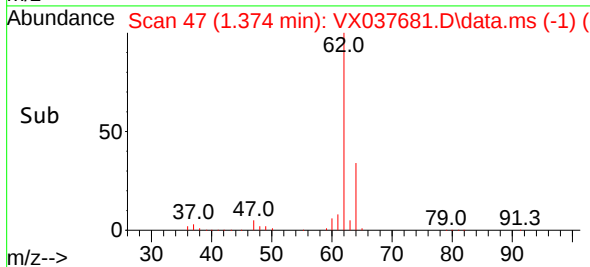
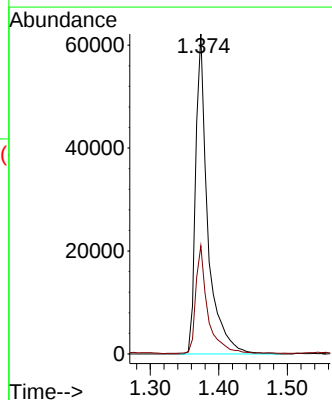
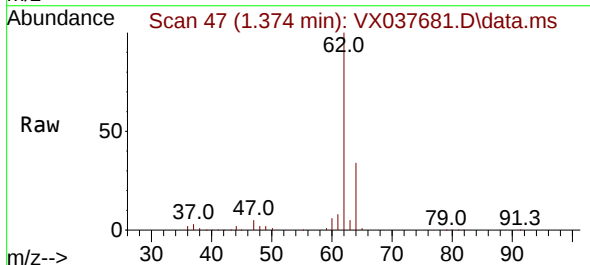
Manual Integrations
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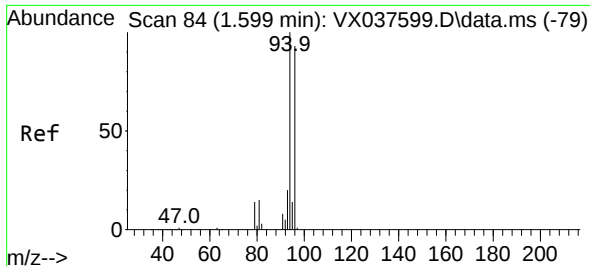
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#4
Vinyl Chloride
Concen: 45.863 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17

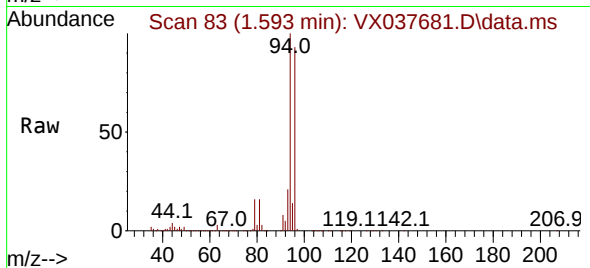
Tgt Ion: 62 Resp: 76440
Ion Ratio Lower Upper
62 100
64 33.6 25.4 38.0





#5
Bromomethane
Concen: 48.658 ug/l
RT: 1.593 min Scan# 84
Delta R.T. -0.006 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17

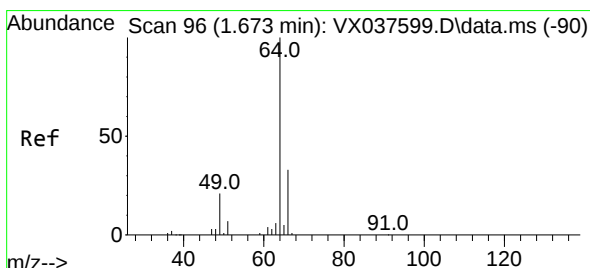
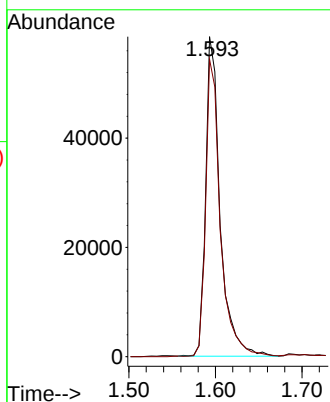
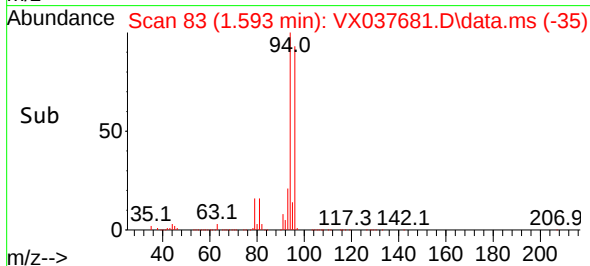
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Tgt Ion: 94 Resp: 67834
Ion Ratio Lower Upper
94 100
96 92.9 74.6 111.8

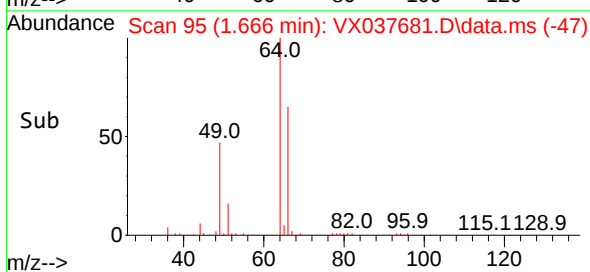
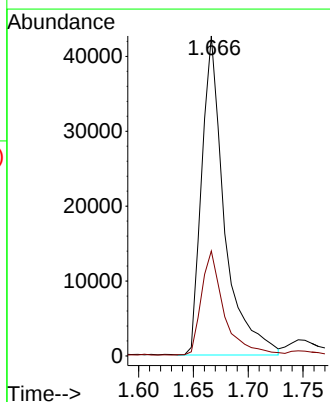
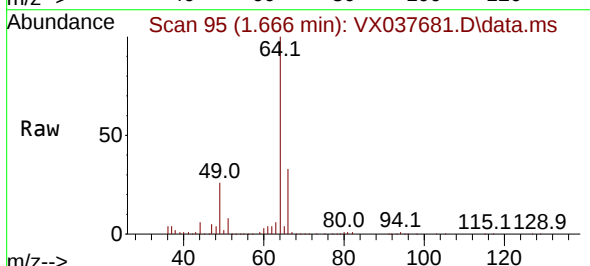
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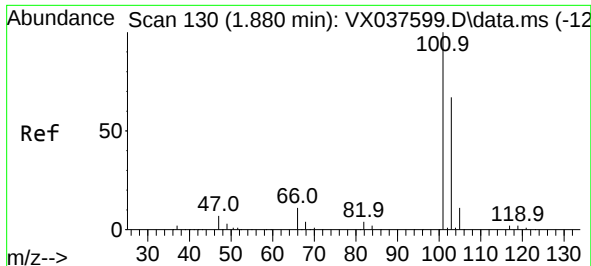
Reviewed By :John Carlone 09/13/2023
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#6
Chloroethane
Concen: 53.654 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.007 min
Lab File: VX037681.D
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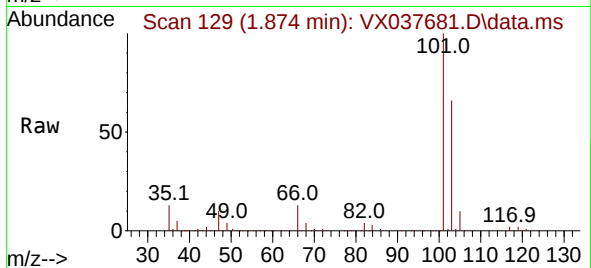
Tgt Ion: 64 Resp: 61485
Ion Ratio Lower Upper
64 100
66 32.5 25.1 37.7





#7
Trichlorofluoromethane
Concen: 43.414 ug/l
RT: 1.874 min Scan# 119
Delta R.T. -0.006 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17

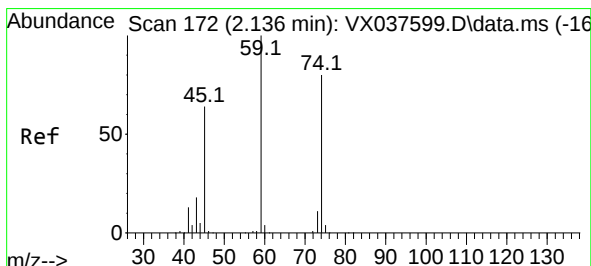
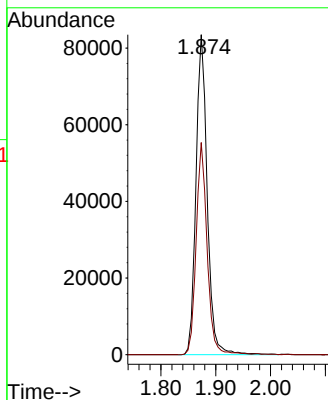
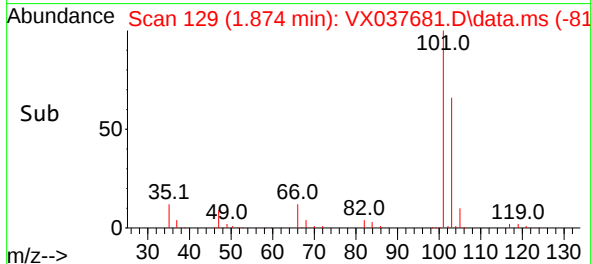
Instrument :
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VSTDCCC050EC



Tgt Ion:101 Resp: 119715
Ion Ratio Lower Upper
101 100
103 66.3 51.4 77.2

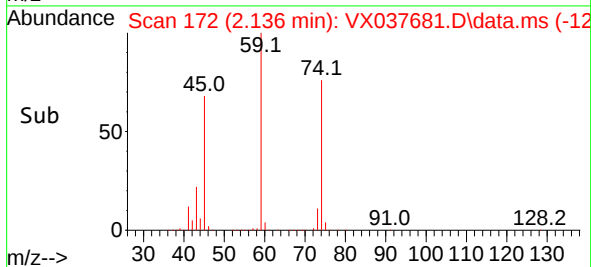
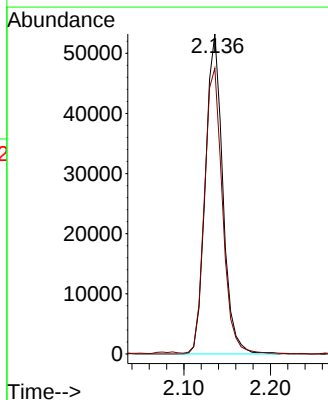
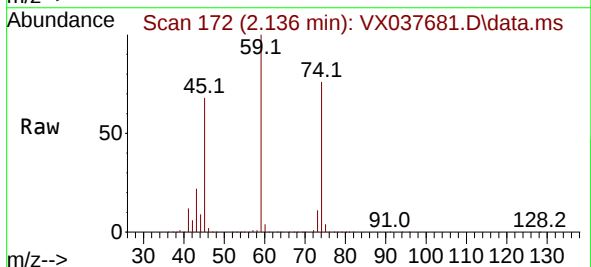
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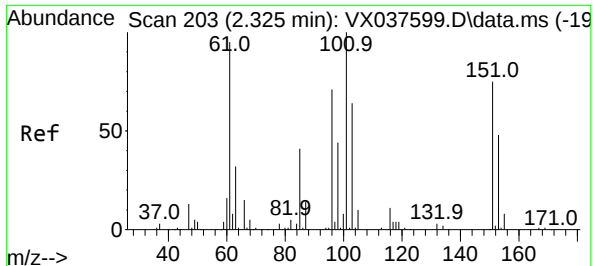
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#8
Diethyl Ether
Concen: 67.635 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17

Tgt Ion: 74 Resp: 74019
Ion Ratio Lower Upper
74 100
45 92.9 53.3 159.8





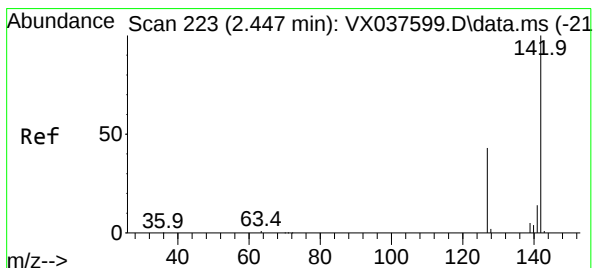
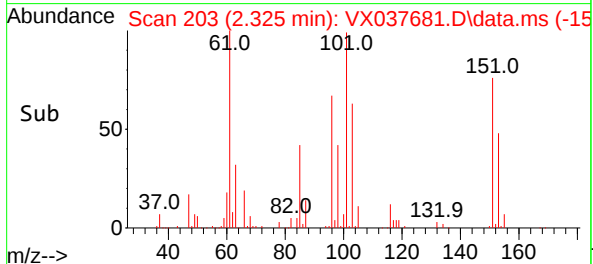
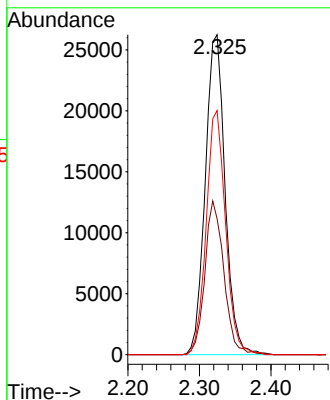
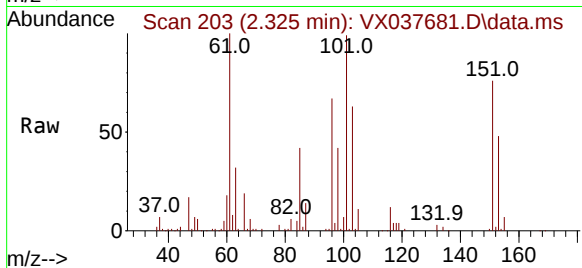
#9
1,1,2-Trichlorotrifluoroethane
Concen: 40.889 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 50544
Ion Ratio Lower Upper
101 100
85 46.3 37.0 55.6
151 74.6 58.6 87.8

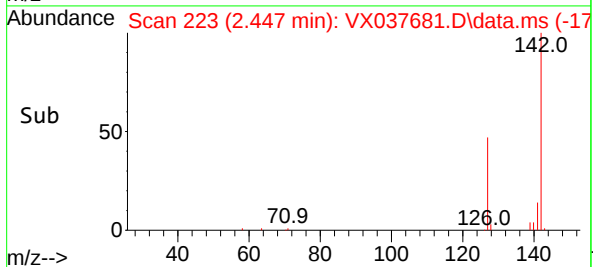
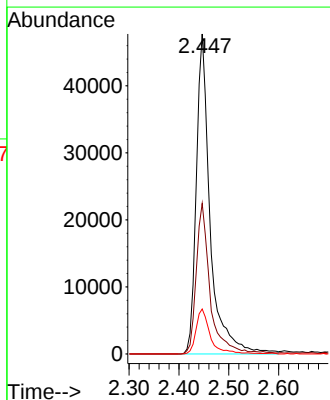
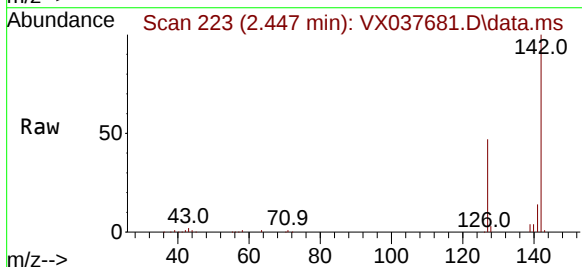
Manual Integrations
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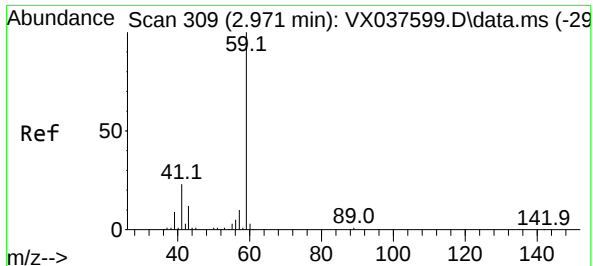
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#10
Methyl Iodide
Concen: 63.219 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17

Tgt Ion:142 Resp: 92287
Ion Ratio Lower Upper
142 100
127 47.4 41.6 62.4
141 14.4 11.6 17.4





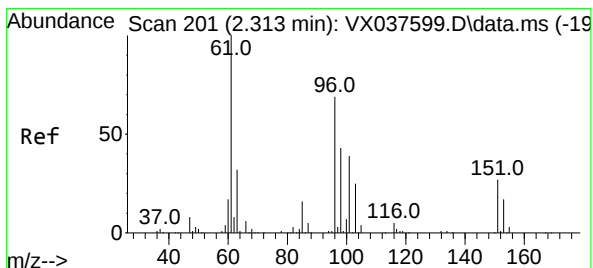
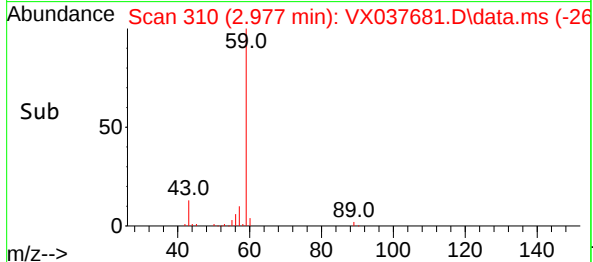
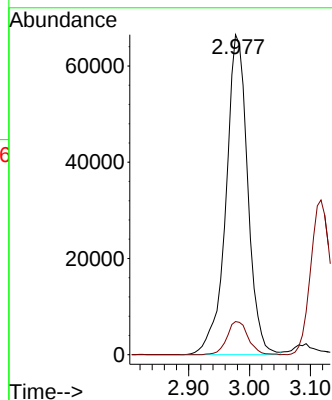
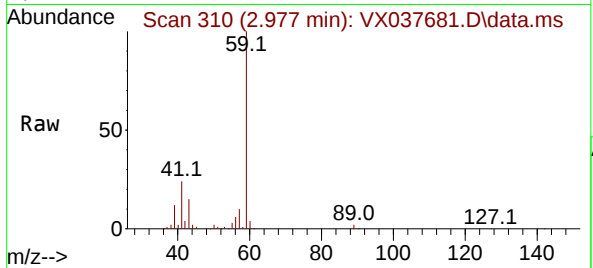
#11
Tert butyl alcohol
Concen: 423.203 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.006 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 16514
Ion Ratio Lower Upper
59 100
57 10.1 6.0 9.0

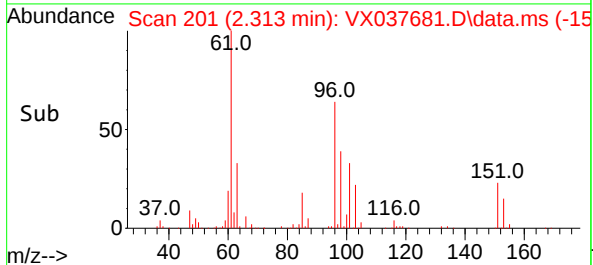
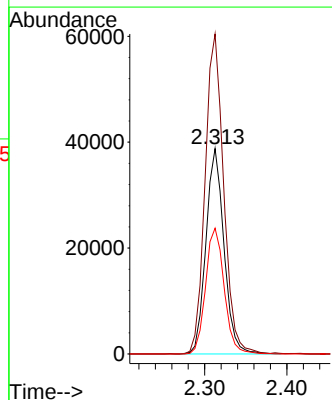
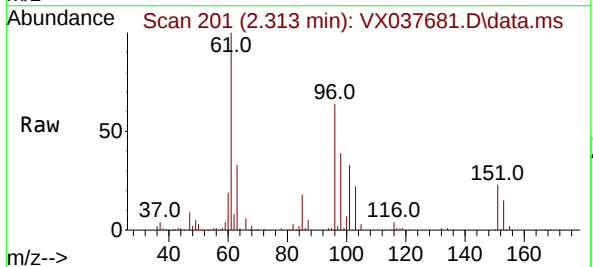
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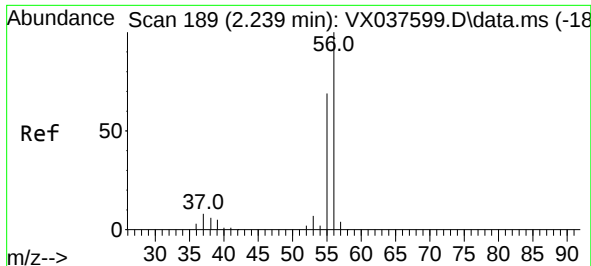
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#12
1,1-Dichloroethene
Concen: 48.607 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17

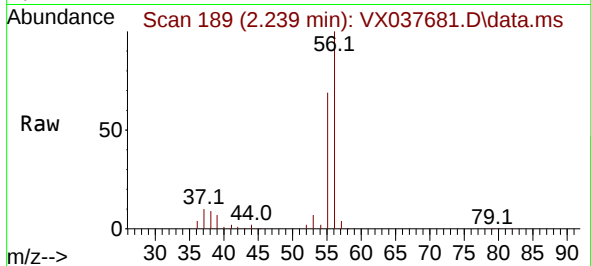
Tgt Ion: 96 Resp: 59321
Ion Ratio Lower Upper
96 100
61 155.7 144.6 216.8
98 61.2 50.4 75.6





#13
Acrolein
Concen: 351.644 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17

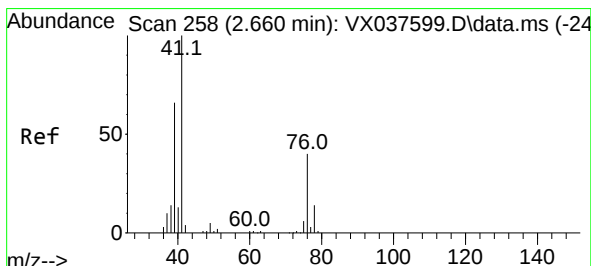
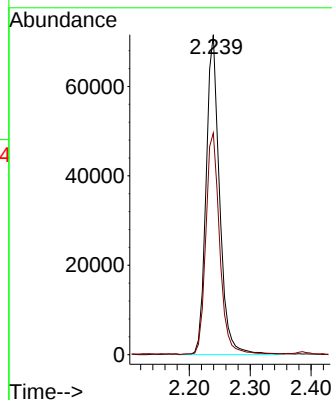
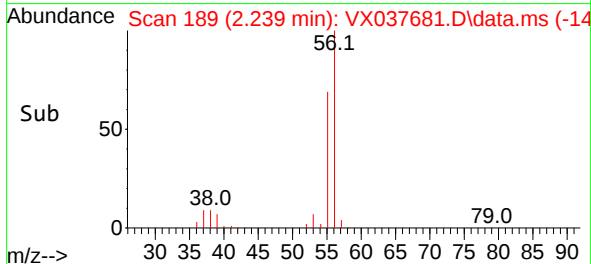
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 110260
Ion Ratio Lower Upper
56 100
55 70.9 57.1 85.7

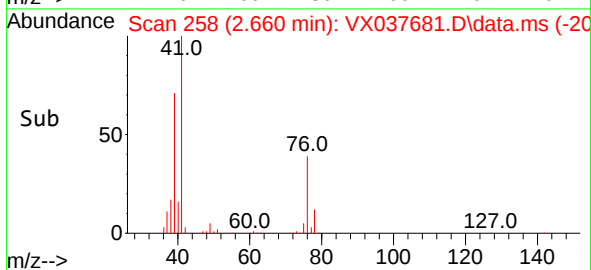
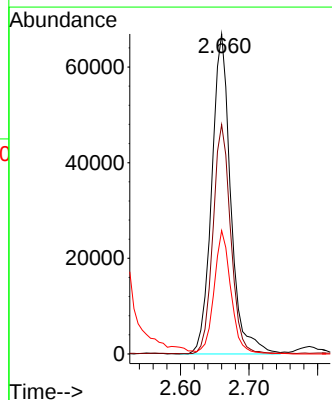
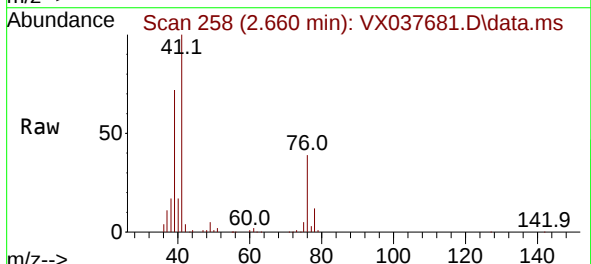
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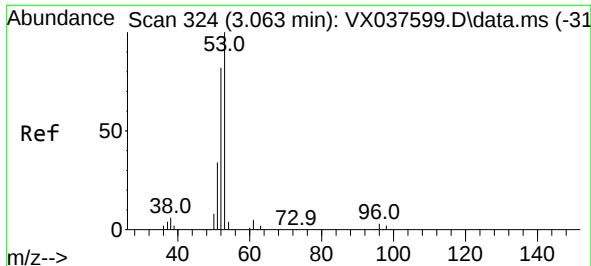
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#14
Allyl chloride
Concen: 60.416 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17

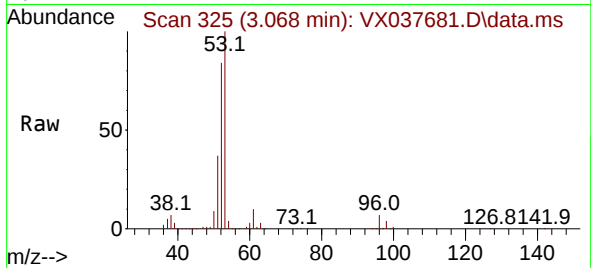
Tgt Ion: 41 Resp: 129168
Ion Ratio Lower Upper
41 100
39 66.8 55.8 83.6
76 33.7 24.3 36.5





#15
Acrylonitrile
Concen: 383.714 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17

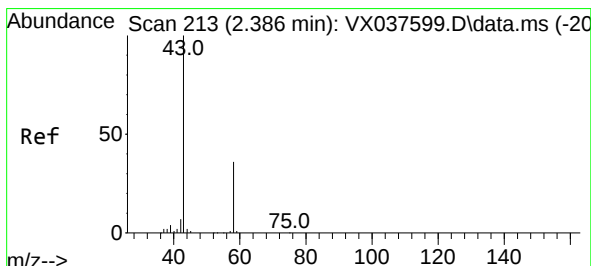
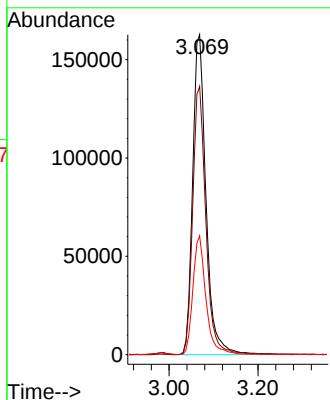
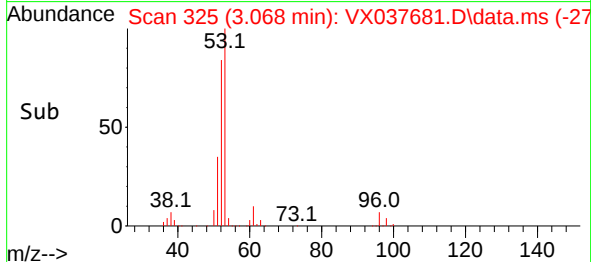
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 33773
Ion Ratio Lower Upper
53 100
52 83.2 66.0 99.0
51 36.3 29.8 44.6

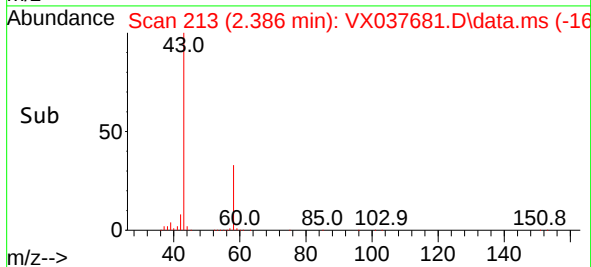
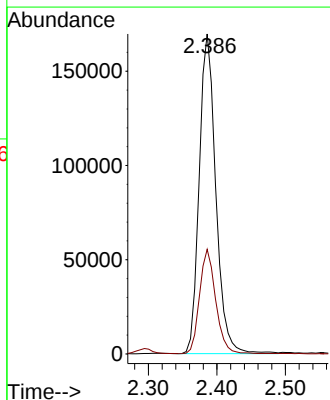
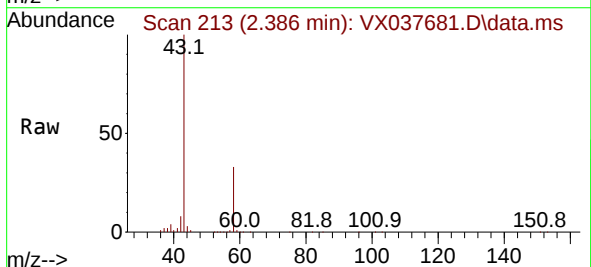
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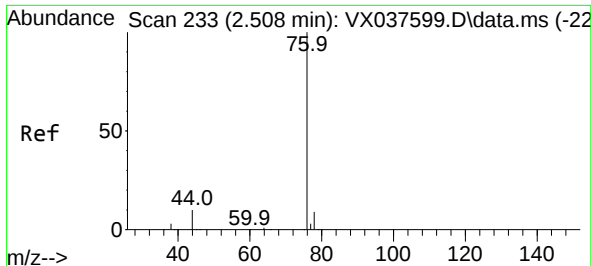
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#16
Acetone
Concen: 369.008 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17

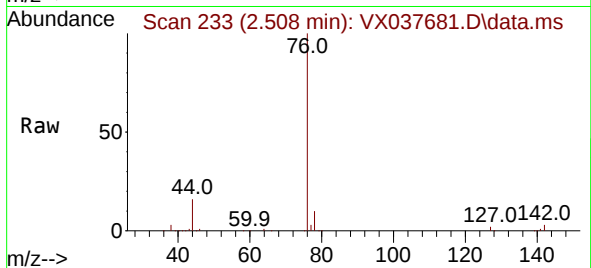
Tgt Ion: 43 Resp: 286317
Ion Ratio Lower Upper
43 100
58 32.6 21.9 32.9





#17
Carbon Disulfide
Concen: 43.576 ug/l
RT: 2.508 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17

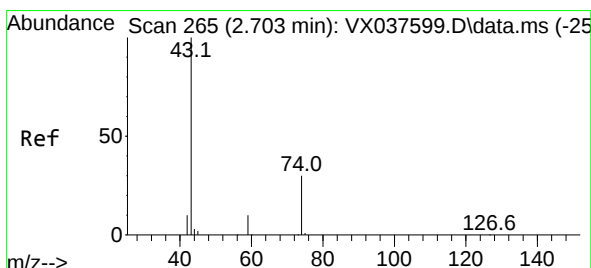
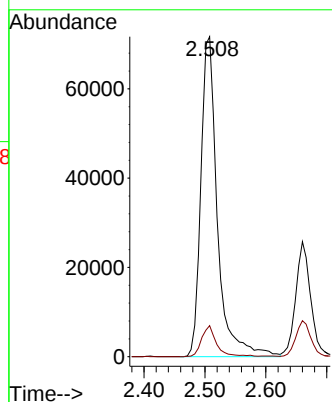
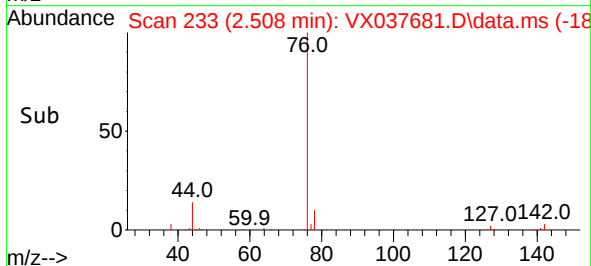
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 135193
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.6

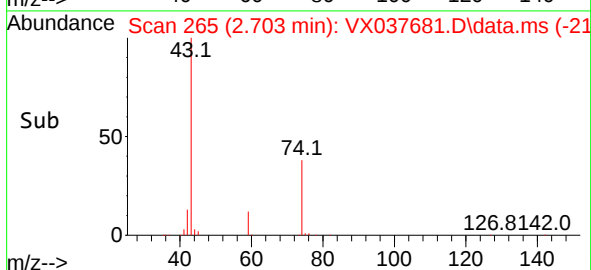
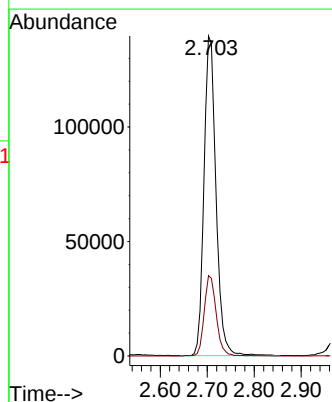
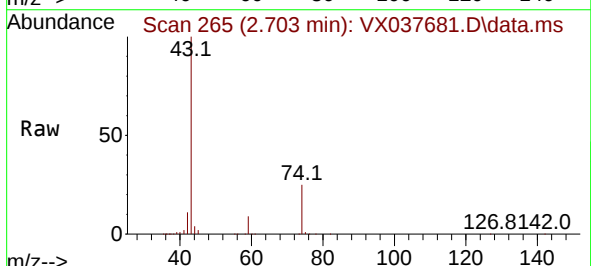
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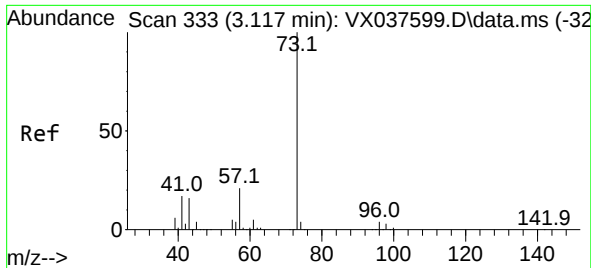
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#18
Methyl Acetate
Concen: 75.504 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17

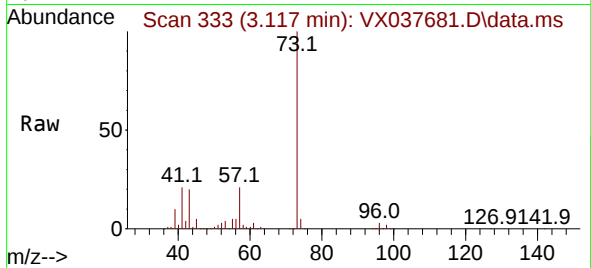
Tgt Ion: 43 Resp: 247404
Ion Ratio Lower Upper
43 100
74 25.2 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 72.376 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17

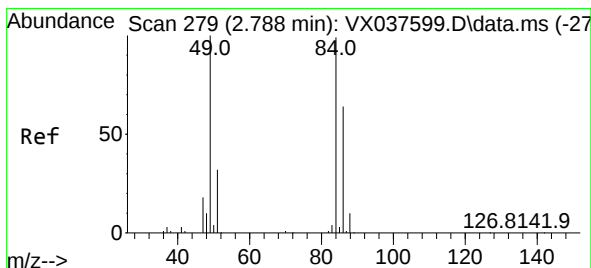
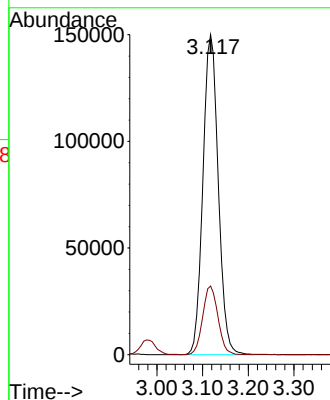
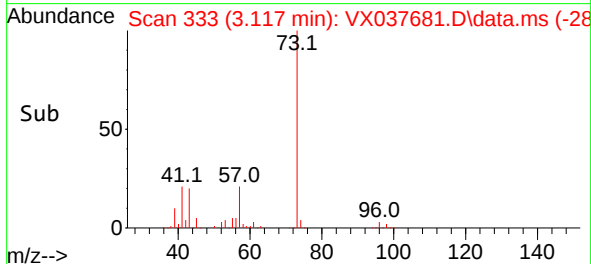
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 34870
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9

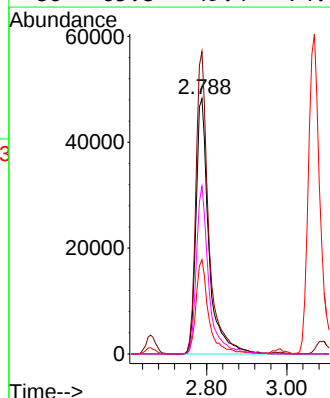
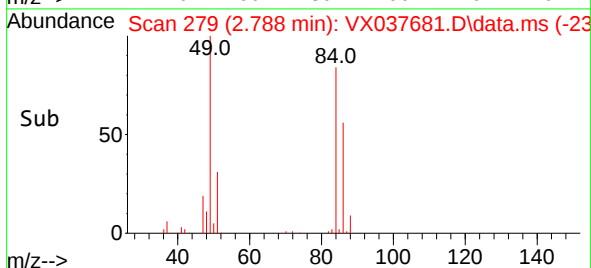
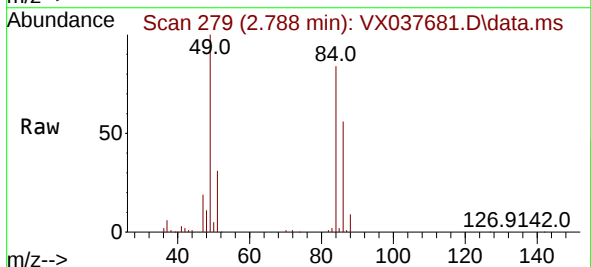
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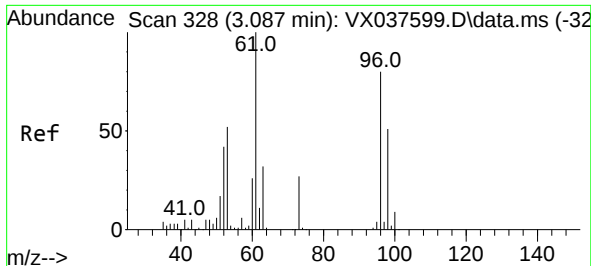
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#20
Methylene Chloride
Concen: 72.193 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17

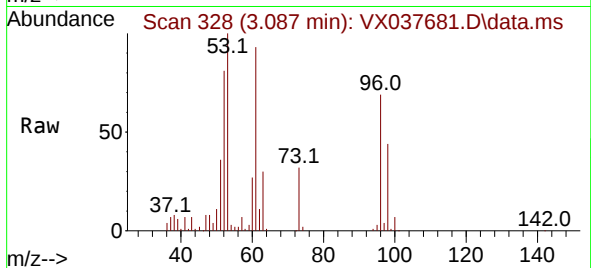
Tgt Ion: 84 Resp: 107460
Ion Ratio Lower Upper
84 100
49 118.5 103.6 155.4
51 36.9 33.8 50.6
86 65.8 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 53.923 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17

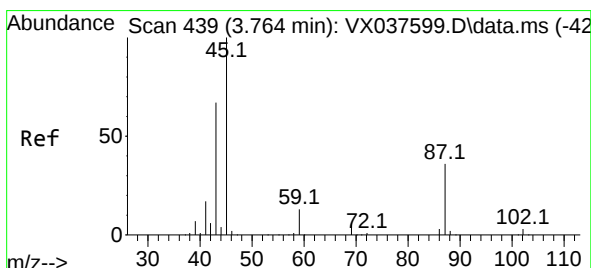
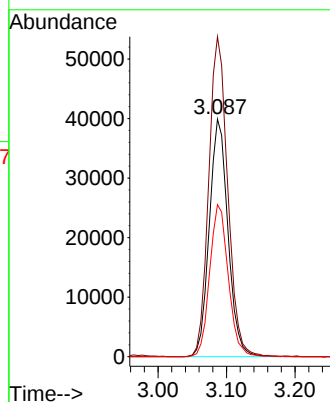
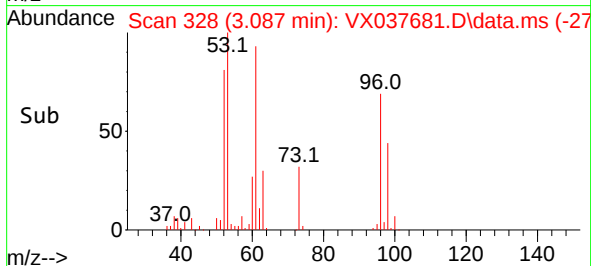
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 75714
Ion Ratio Lower Upper
96 100
61 134.6 119.2 178.8
98 63.9 48.7 73.1

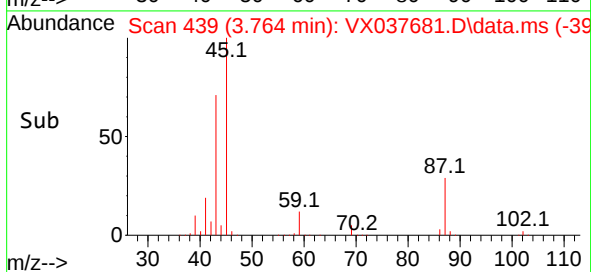
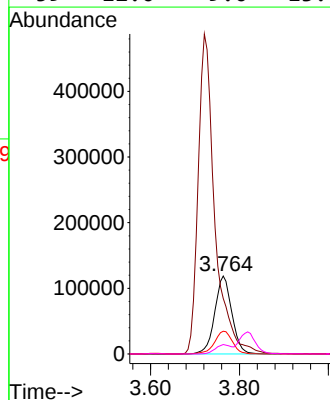
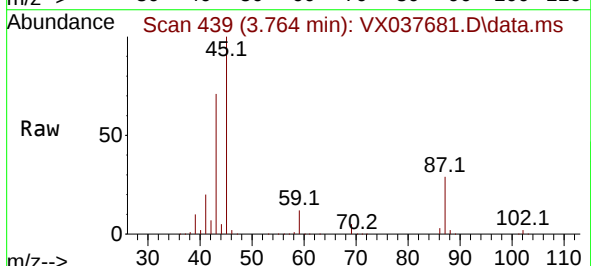
Manual Integrations
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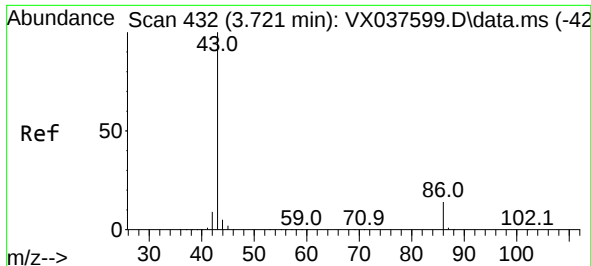
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#22
Diisopropyl ether
Concen: 67.700 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17

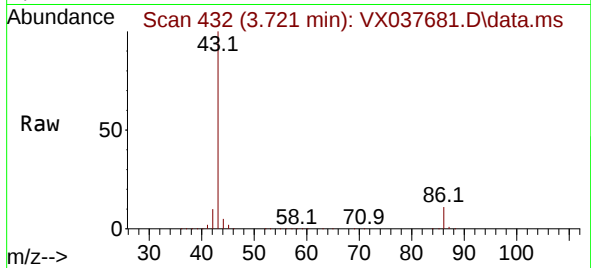
Tgt Ion: 45 Resp: 315321
Ion Ratio Lower Upper
45 100
43 71.3 69.7 104.5
87 29.1 20.8 31.2
59 12.0 9.0 13.4





#23
 Vinyl Acetate
 Concen: 373.476 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX037681.D
 Acq: 12 Sep 2023 20:17

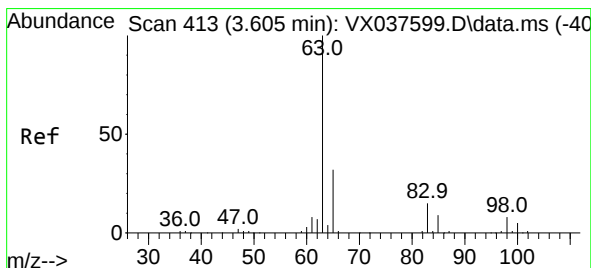
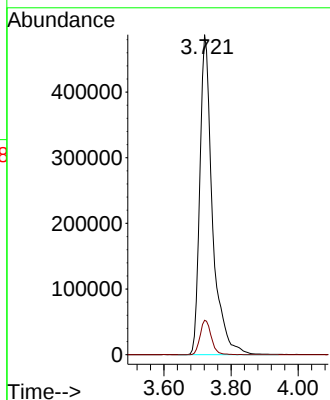
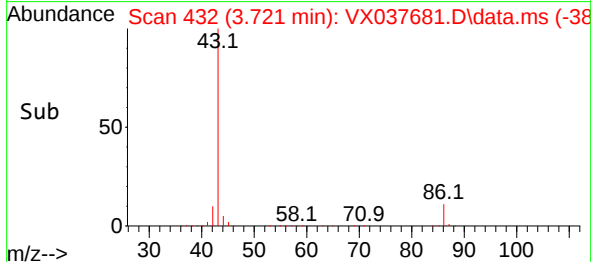
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



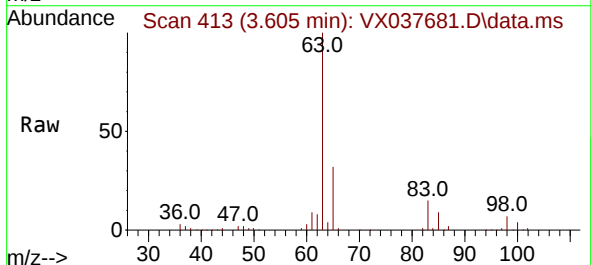
Tgt Ion: 43 Resp: 1268809
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.8 11.8

Manual Integrations
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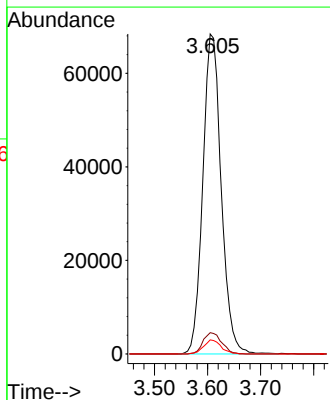
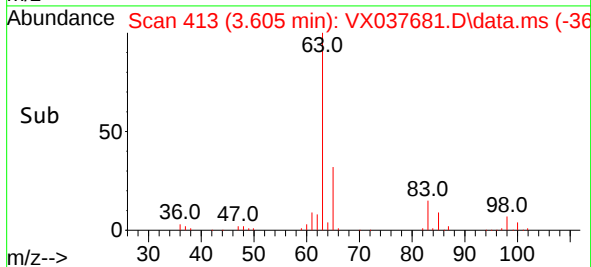
Reviewed By :John Carlone 09/13/2023
 Supervised By :Mahesh Dadoda 09/13/2023

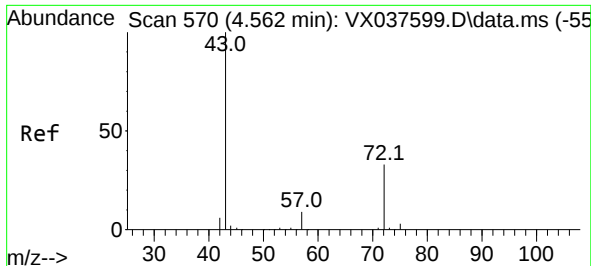


#24
 1,1-Dichloroethane
 Concen: 60.696 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX037681.D
 Acq: 12 Sep 2023 20:17



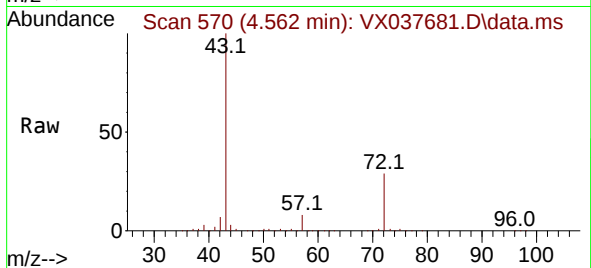
Tgt Ion: 63 Resp: 164738
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.8
 100 4.4 2.1 6.5





#25
2-Butanone
Concen: 373.373 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.000 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17

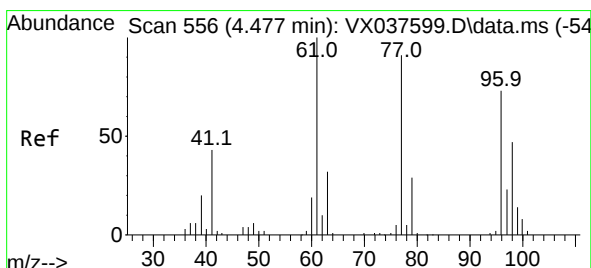
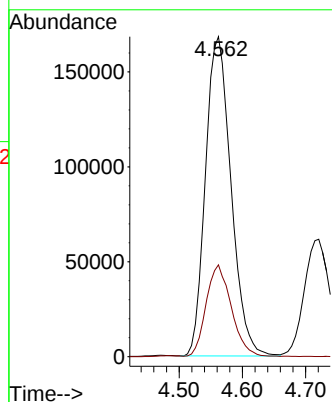
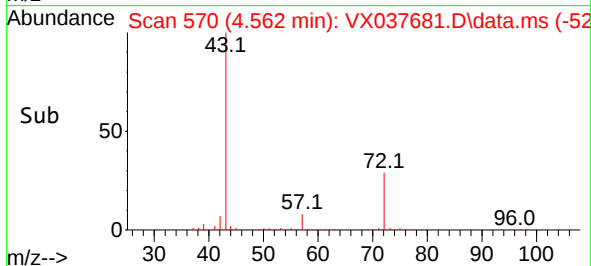
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 472375
Ion Ratio Lower Upper
43 100
72 28.6 19.4 29.2

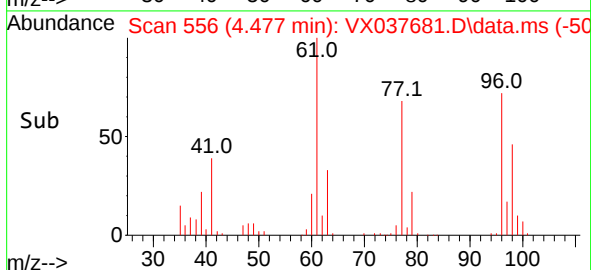
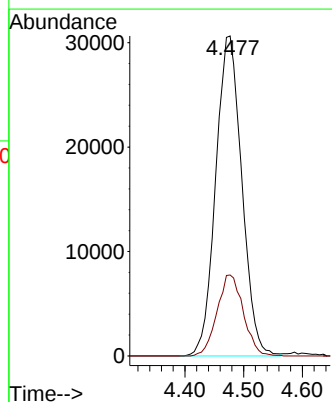
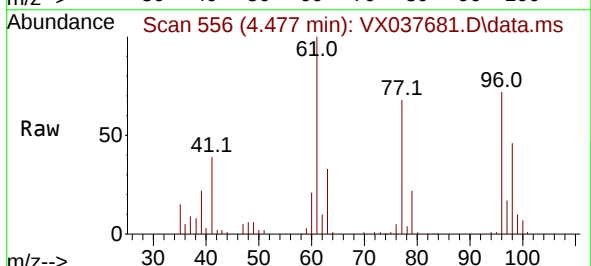
Manual Integrations
APPROVED

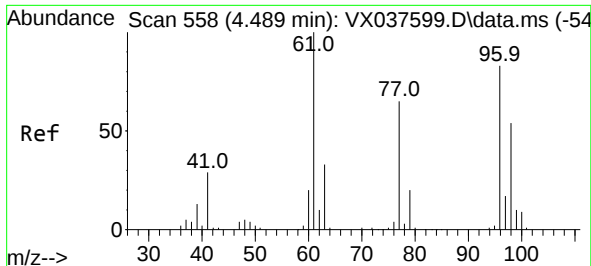
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#26
2,2-Dichloropropane
Concen: 50.081 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17

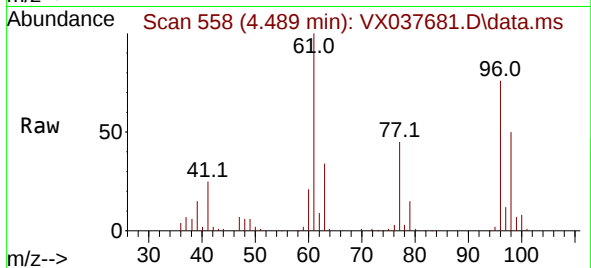
Tgt Ion: 77 Resp: 94553
Ion Ratio Lower Upper
77 100
97 25.4 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 63.833 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17

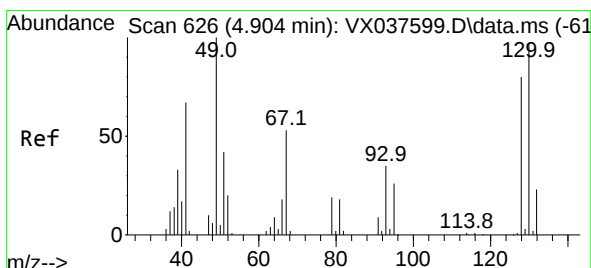
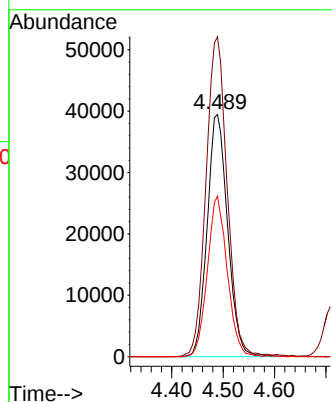
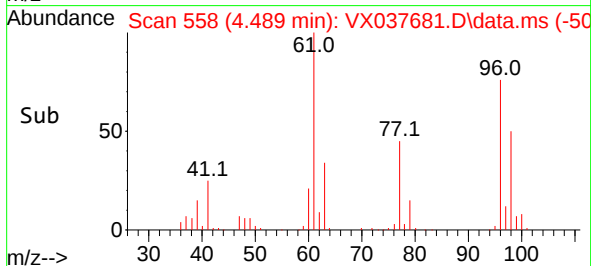
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



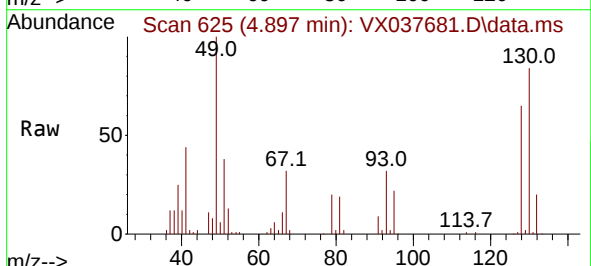
Tgt Ion: 96 Resp: 109290
Ion Ratio Lower Upper
96 100
61 136.5 0.0 312.2
98 64.3 0.0 129.0

Manual Integrations
APPROVED

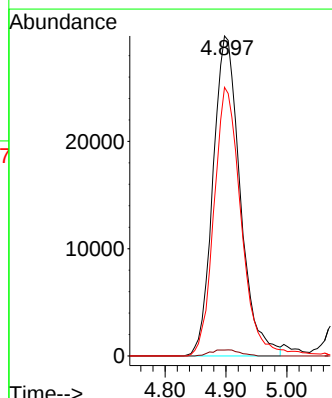
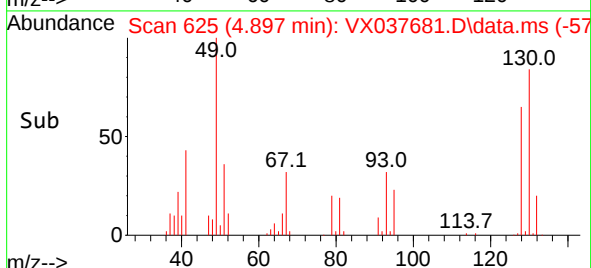
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

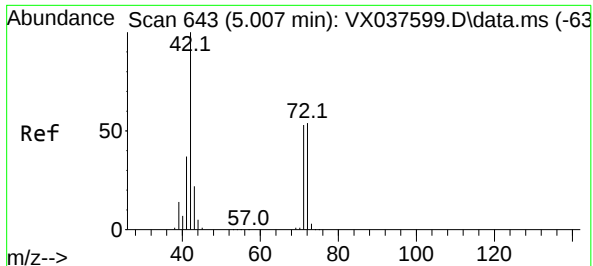


#28
Bromochloromethane
Concen: 67.567 ug/l
RT: 4.897 min Scan# 625
Delta R.T. -0.006 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17



Tgt Ion: 49 Resp: 92651
Ion Ratio Lower Upper
49 100
129 2.1 0.0 3.8
130 84.5 57.5 86.3





#29

Tetrahydrofuran

Concen: 382.164 ug/l

RT: 5.007 min Scan# 643

Delta R.T. -0.000 min

Lab File: VX037681.D

Acq: 12 Sep 2023 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 307890

Ion Ratio Lower Upper

42 100

72 48.5 34.2 51.4

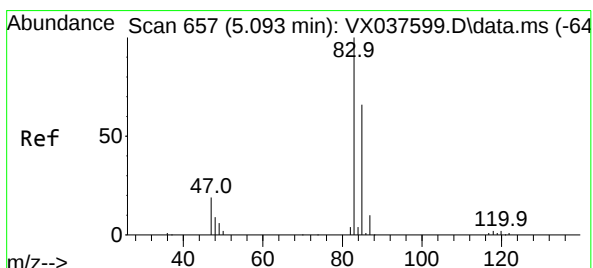
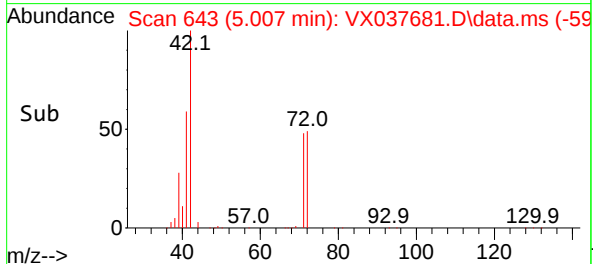
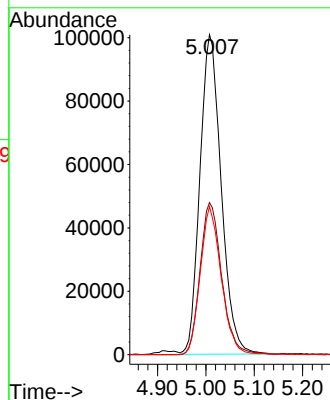
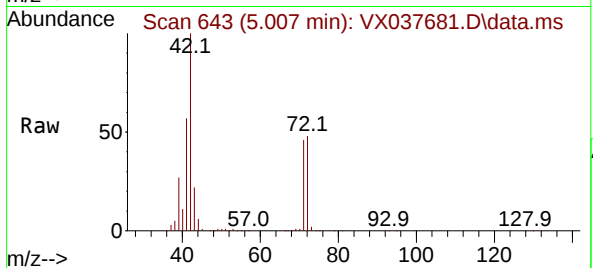
71 45.6 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#30

Chloroform

Concen: 63.814 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX037681.D

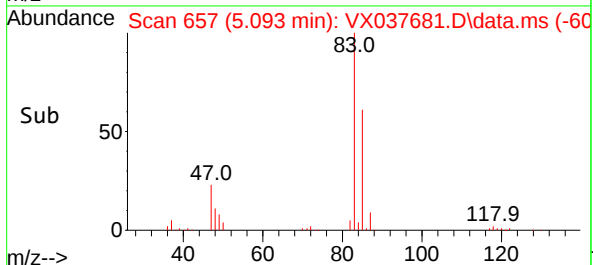
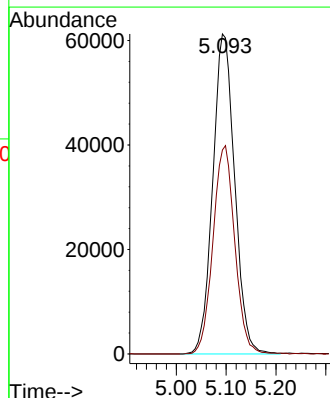
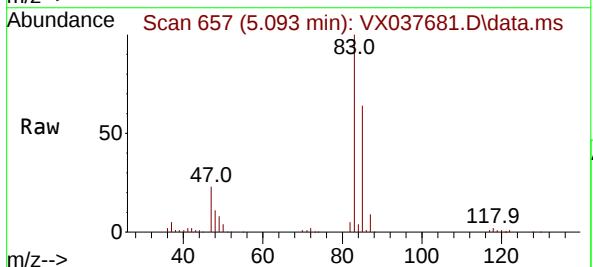
Acq: 12 Sep 2023 20:17

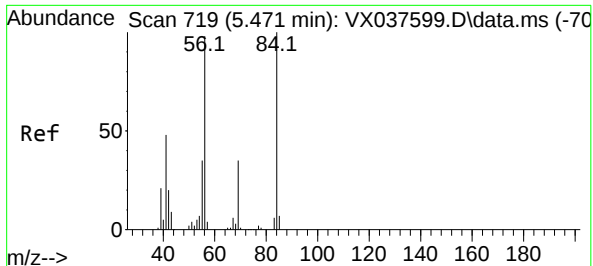
Tgt Ion: 83 Resp: 187053

Ion Ratio Lower Upper

83 100

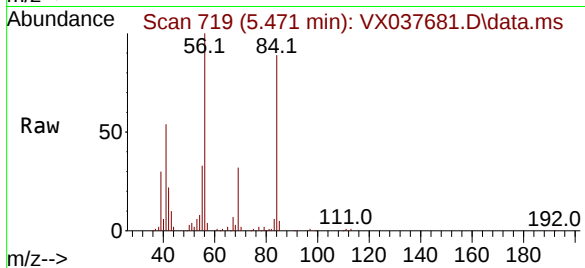
85 63.7 50.3 75.5





#31
Cyclohexane
Concen: 41.149 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17

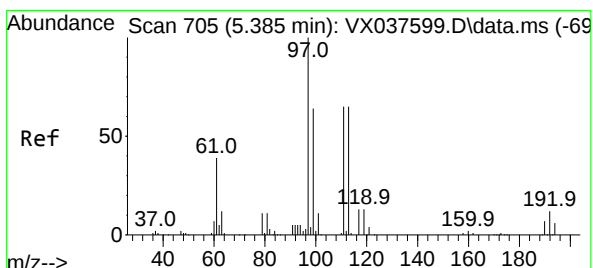
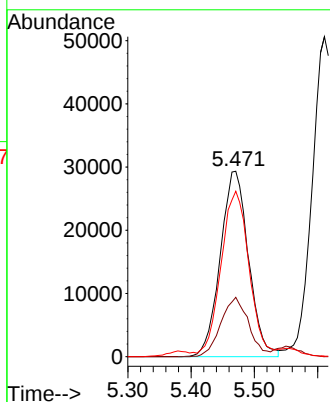
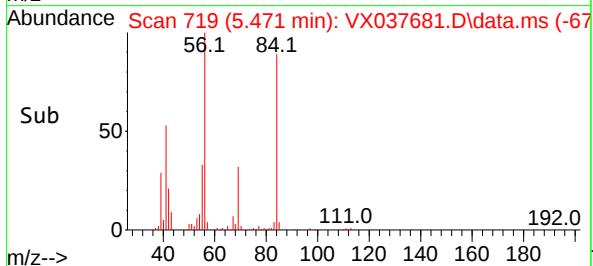
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



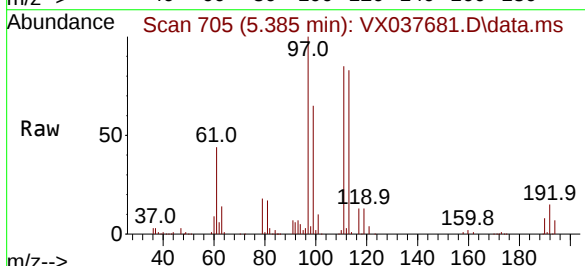
Tgt Ion: 56 Resp: 90939
Ion Ratio Lower Upper
56 100
69 32.0 23.4 35.2
84 86.1 65.9 98.9

Manual Integrations
APPROVED

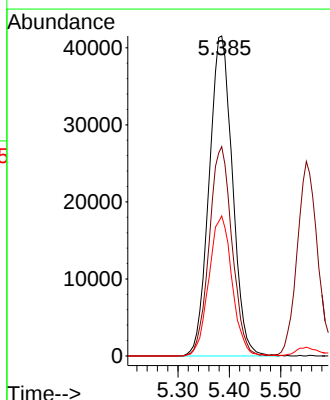
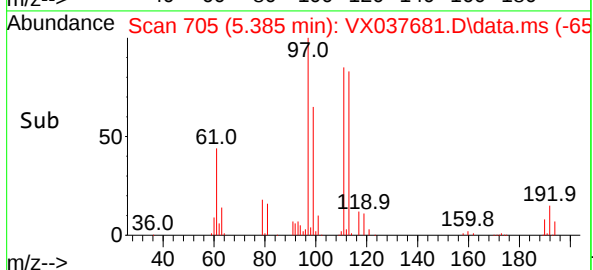
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

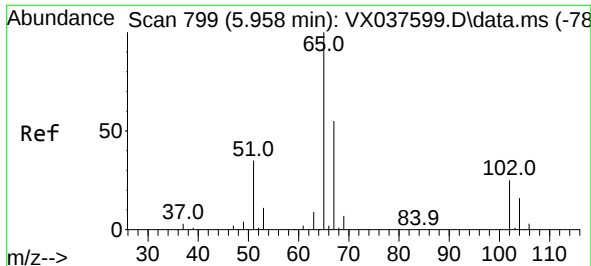


#32
1,1,1-Trichloroethane
Concen: 53.688 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17



Tgt Ion: 97 Resp: 130978
Ion Ratio Lower Upper
97 100
99 64.1 51.1 76.7
61 43.6 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 68.777 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037681.D

Acq: 12 Sep 2023 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 131998

Ion Ratio Lower Upper

65 100

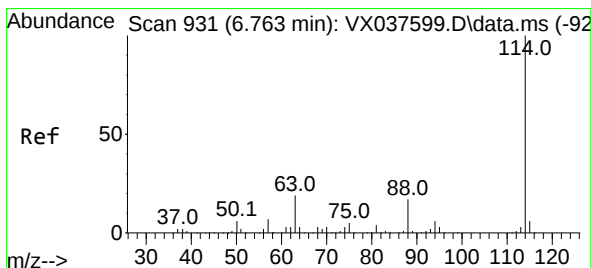
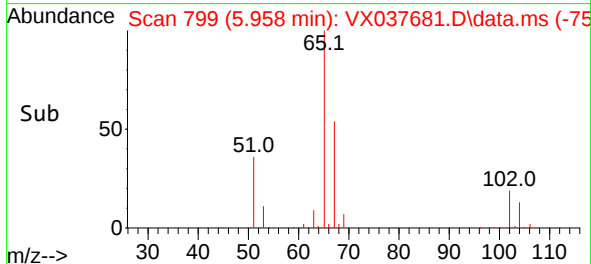
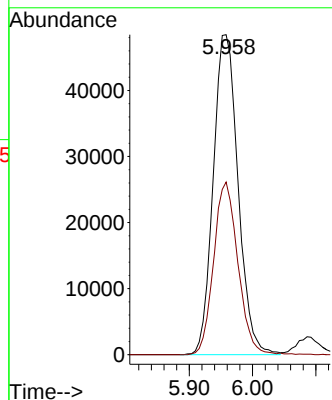
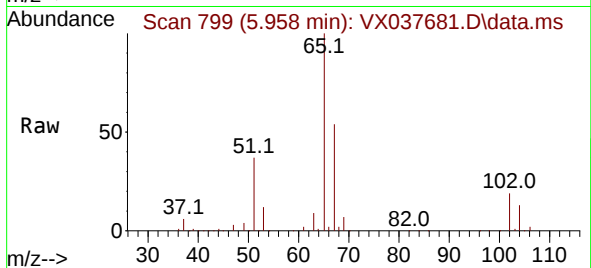
67 52.8 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX037681.D

Acq: 12 Sep 2023 20:17

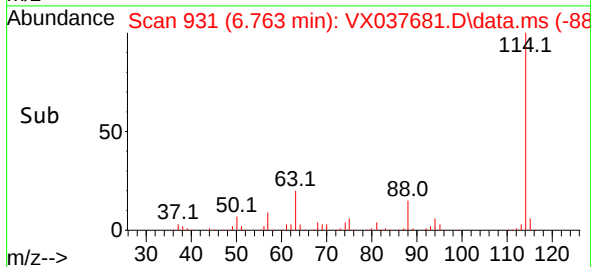
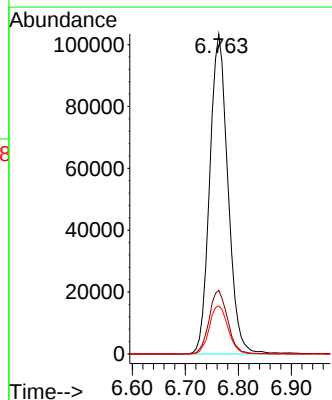
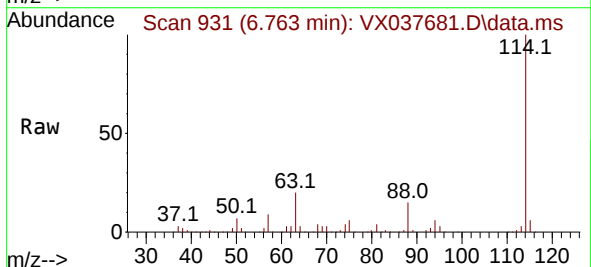
Tgt Ion:114 Resp: 246432

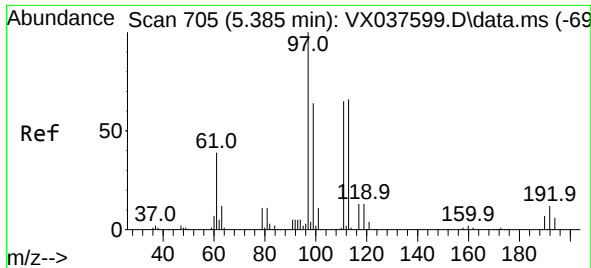
Ion Ratio Lower Upper

114 100

63 19.9 0.0 45.0

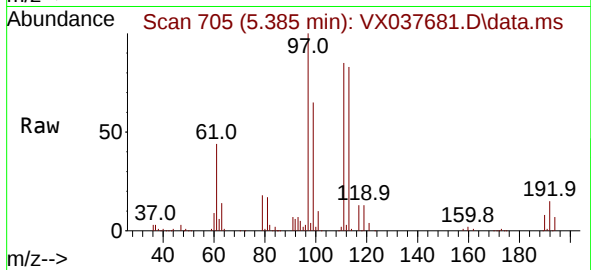
88 15.0 0.0 36.6





#35
Dibromofluoromethane
Concen: 57.448 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17

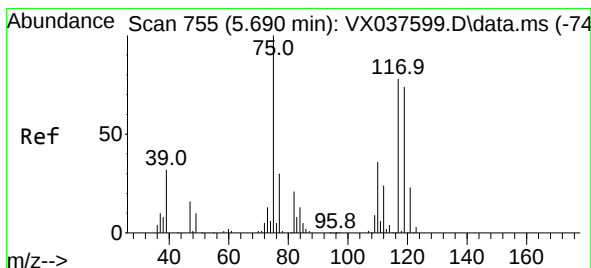
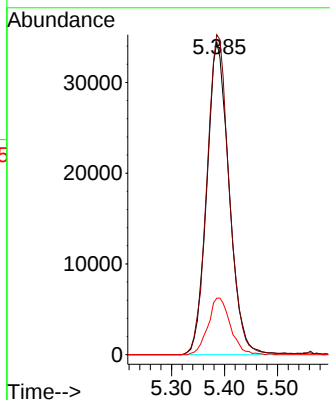
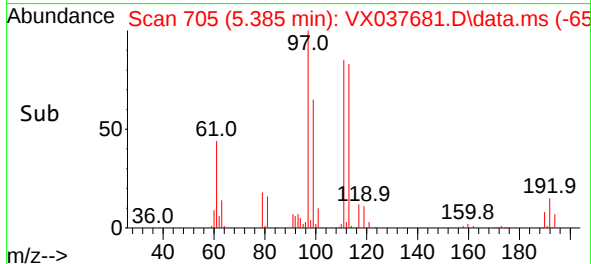
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 100340
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 18.2 13.3 19.9

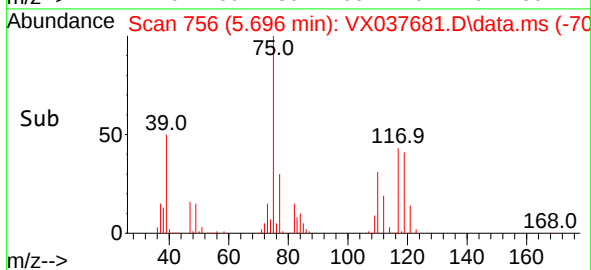
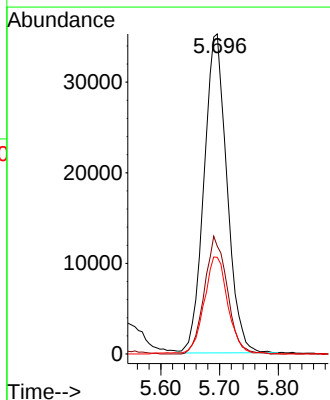
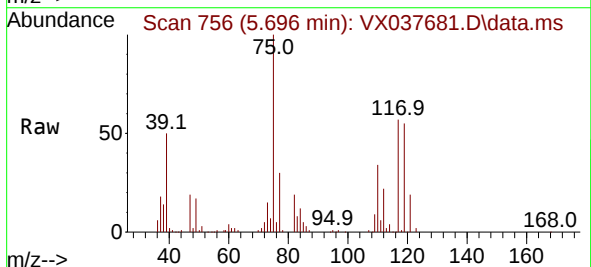
Manual Integrations
APPROVED

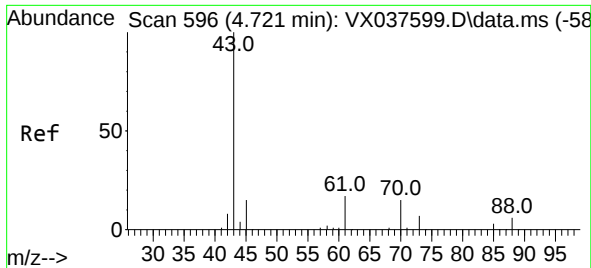
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#36
1,1-Dichloropropene
Concen: 40.231 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17

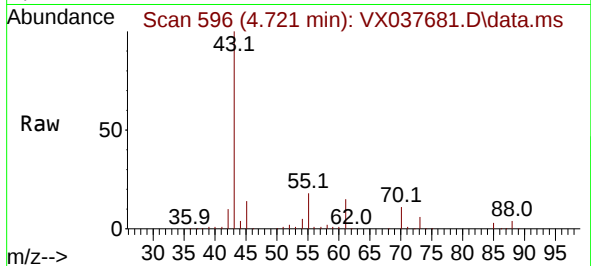
Tgt Ion: 75 Resp: 95596
Ion Ratio Lower Upper
75 100
110 36.6 17.0 50.9
77 30.3 24.7 37.1





#37
Ethyl Acetate
Concen: 66.625 ug/l
RT: 4.721 min Scan# 596
Delta R.T. -0.000 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17

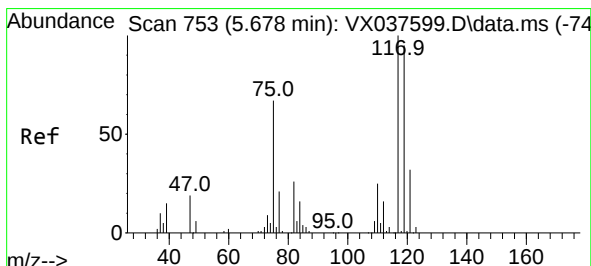
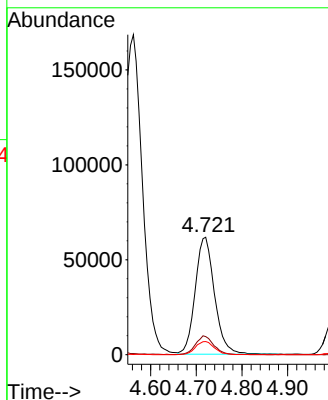
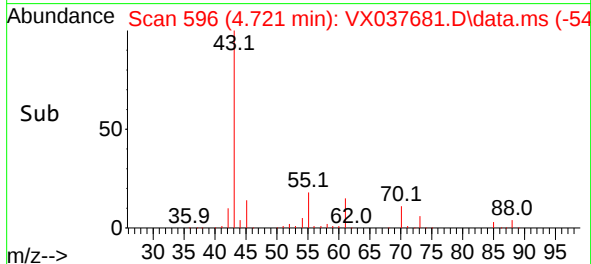
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 181148
Ion Ratio Lower Upper
43 100
61 14.8 10.6 16.0
70 11.1 8.3 12.5

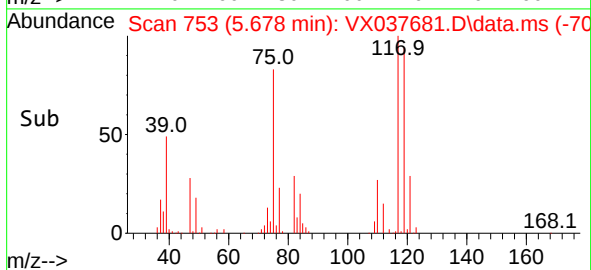
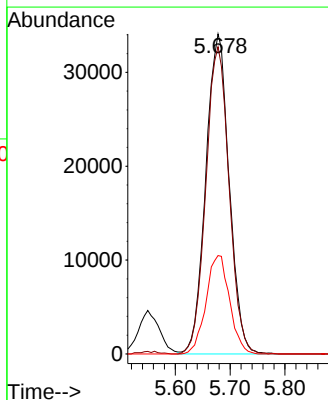
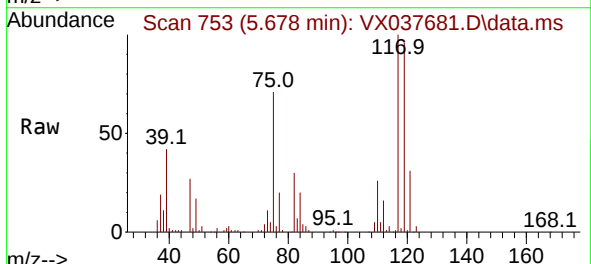
Manual Integrations
APPROVED

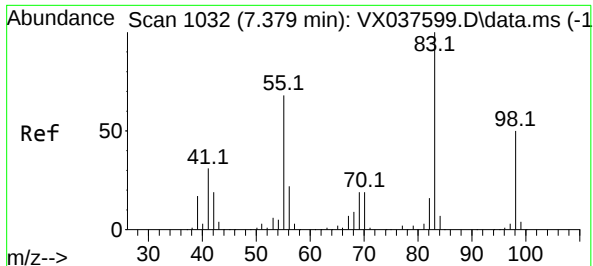
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#38
Carbon Tetrachloride
Concen: 41.617 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17

Tgt Ion:117 Resp: 101026
Ion Ratio Lower Upper
117 100
119 96.0 78.2 117.2
121 30.7 24.4 36.6





#39

Methylcyclohexane

Concen: 32.690 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX037681.D

Acq: 12 Sep 2023 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 91910

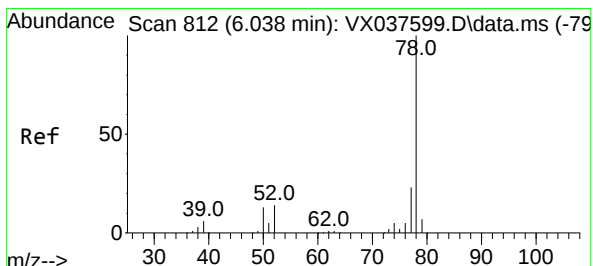
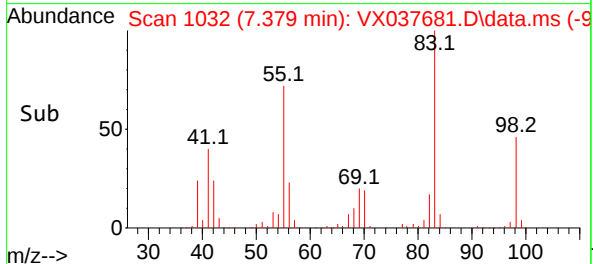
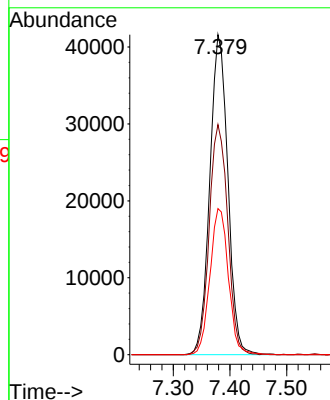
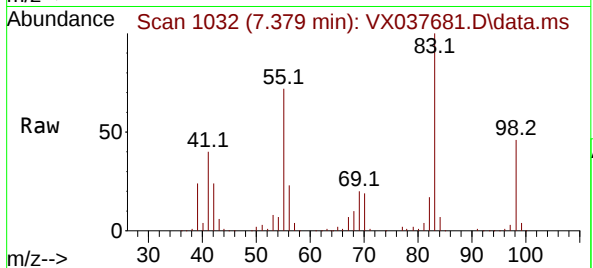
Ion	Ratio	Lower	Upper
83	100		
55	71.9	64.6	97.0
98	45.6	36.7	55.1

Manual Integrations

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Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#40

Benzene

Concen: 52.066 ug/l

RT: 6.037 min Scan# 812

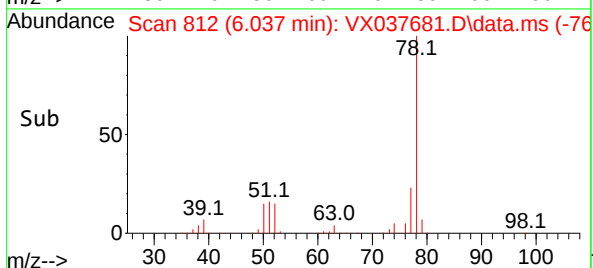
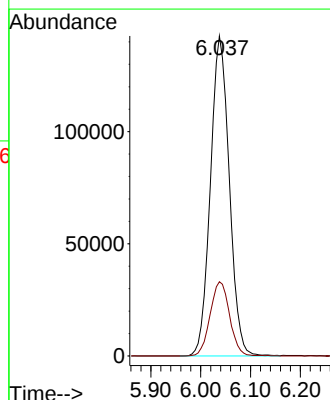
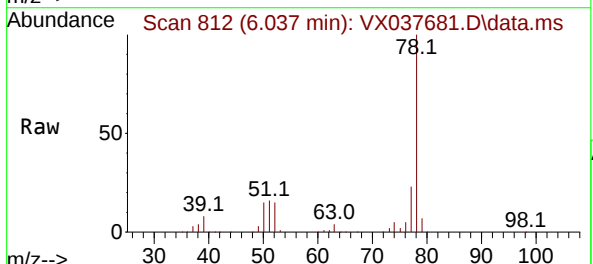
Delta R.T. -0.000 min

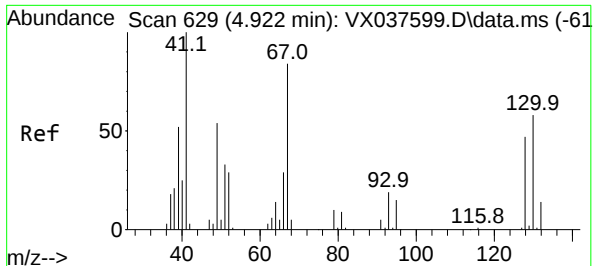
Lab File: VX037681.D

Acq: 12 Sep 2023 20:17

Tgt Ion: 78 Resp: 375067

Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.3	28.9





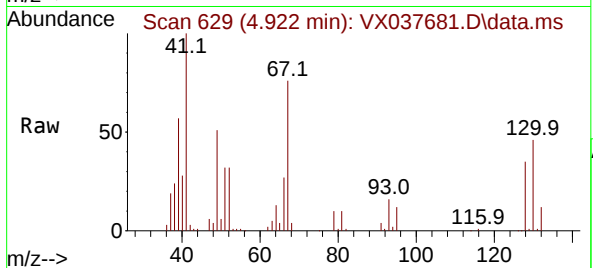
#41
Methacrylonitrile
Concen: 67.009 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



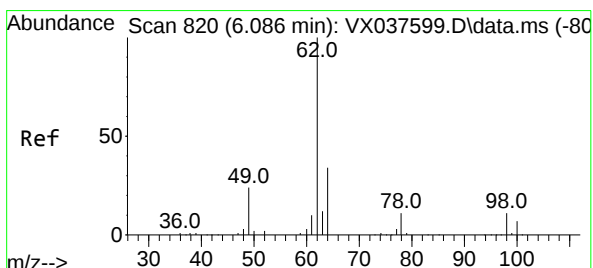
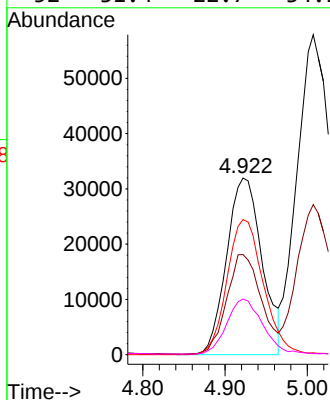
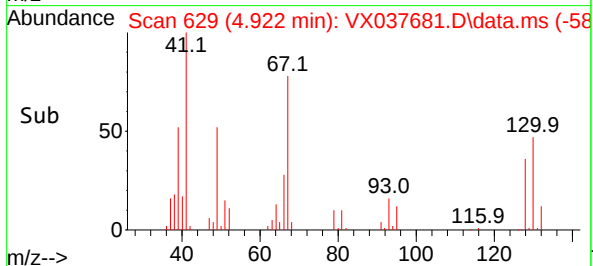
Tgt Ion:	41	Resp:	9596
Ion Ratio	100	Lower	Upper
39	55.0	45.2	67.8
67	78.6	52.6	78.8
52	31.4	22.7	34.1

Manual Integrations

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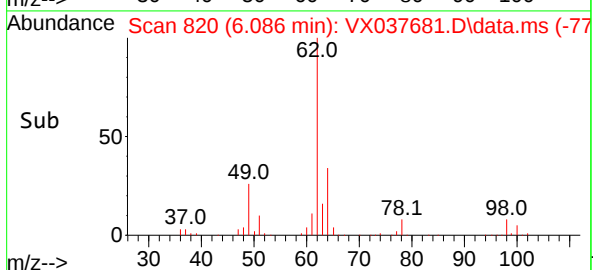
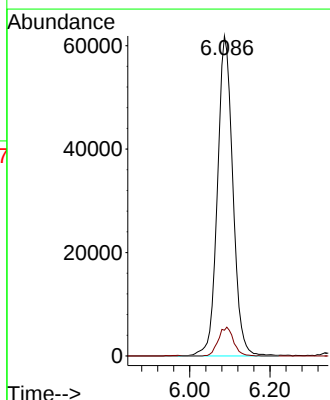
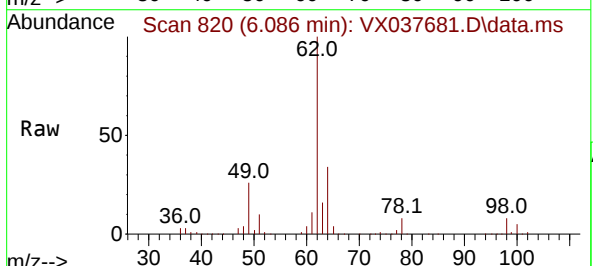
Reviewed By :John Carlone 09/13/2023

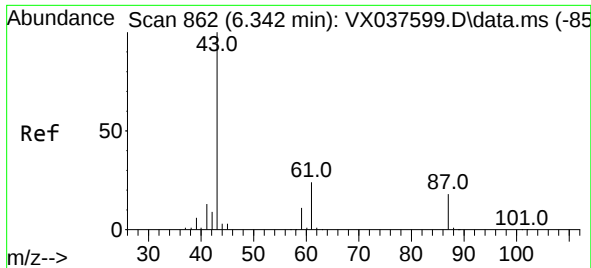
Supervised By :Mahesh Dadoda 09/13/2023



#42
1,2-Dichloroethane
Concen: 58.698 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17

Tgt Ion:	62	Resp:	165268
Ion Ratio	100	Lower	Upper
98	8.9	0.0	16.0





#43

Isopropyl Acetate

Concen: 65.312 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

Lab File: VX037681.D

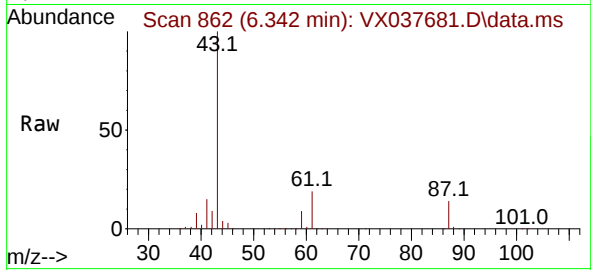
Acq: 12 Sep 2023 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



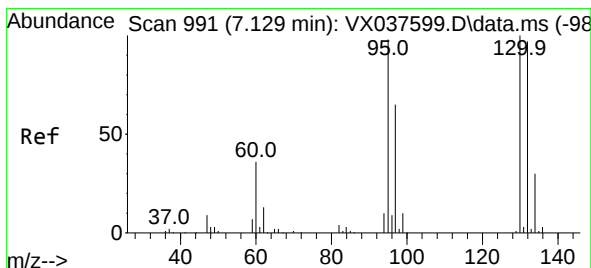
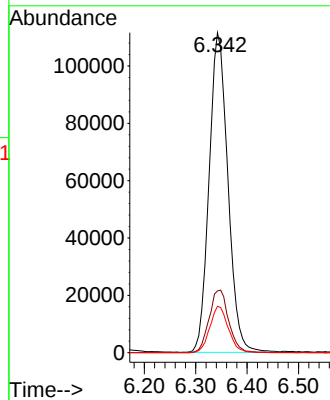
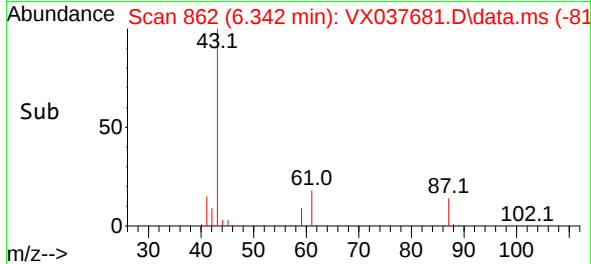
Tgt Ion: 43	Resp: 28329
Ion Ratio	Lower Upper
43	100
61	20.4 15.2 22.8
87	14.3 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#44

Trichloroethene

Concen: 50.151 ug/l

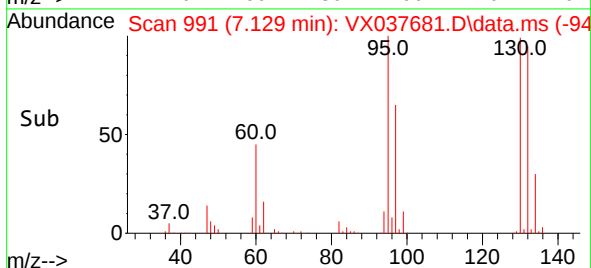
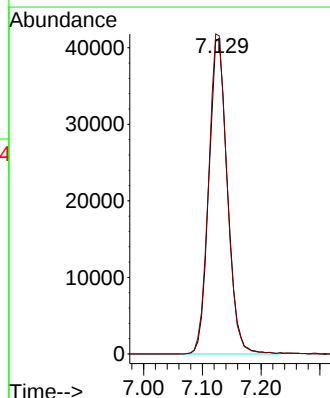
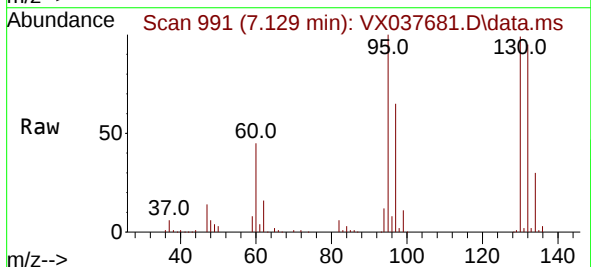
RT: 7.129 min Scan# 991

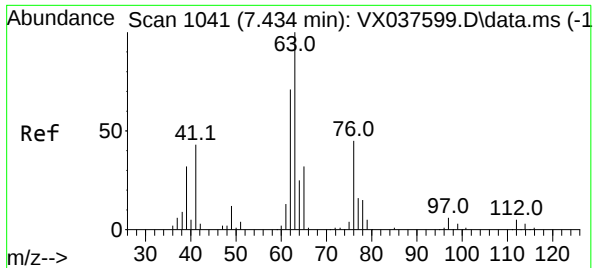
Delta R.T. -0.000 min

Lab File: VX037681.D

Acq: 12 Sep 2023 20:17

Tgt Ion:130	Resp: 90262
Ion Ratio	Lower Upper
130	100
95	101.3 0.0 204.4





#45

1,2-Dichloropropane

Concen: 56.705 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX037681.D

Acq: 12 Sep 2023 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 10780

Ion Ratio Lower Upper

63 100

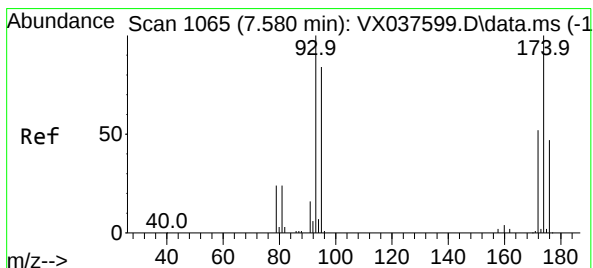
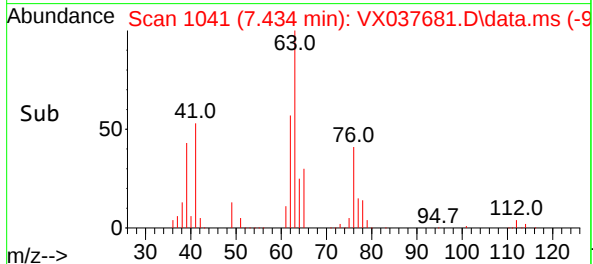
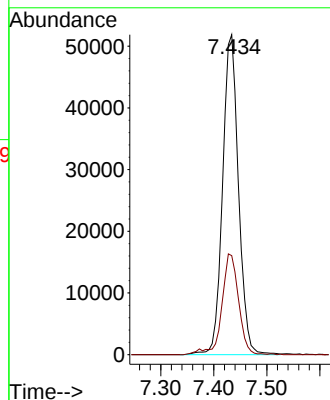
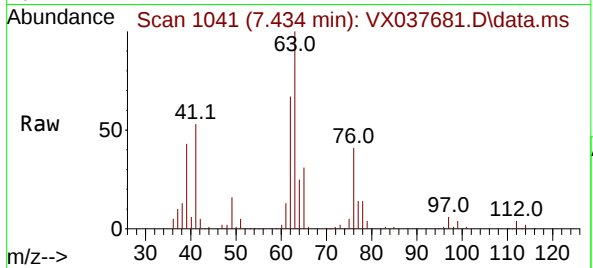
65 31.0 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#46

Dibromomethane

Concen: 60.622 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX037681.D

Acq: 12 Sep 2023 20:17

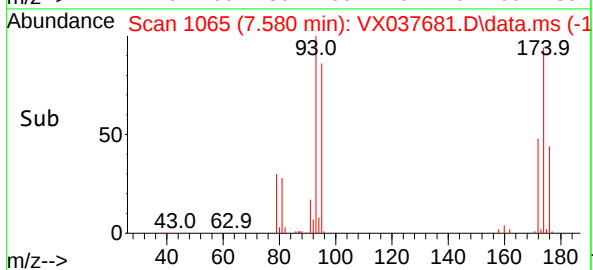
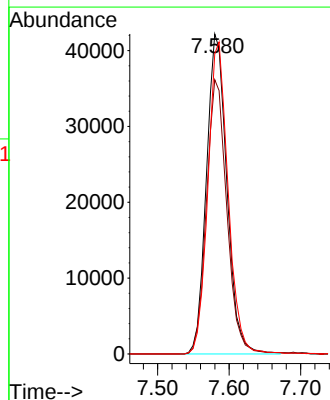
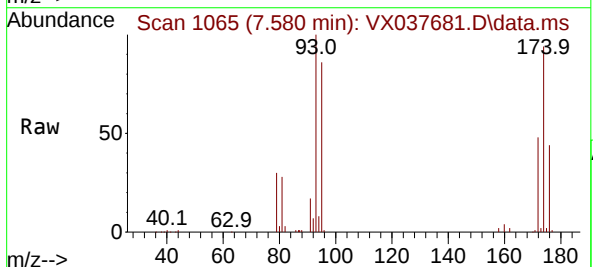
Tgt Ion: 93 Resp: 83843

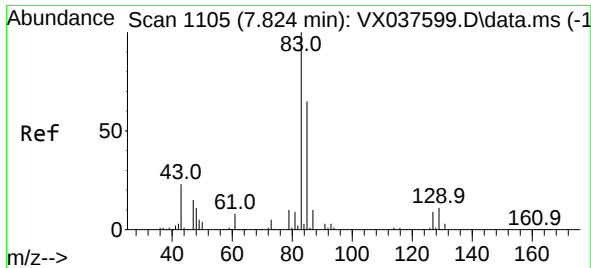
Ion Ratio Lower Upper

93 100

95 85.6 66.6 100.0

174 96.3 69.4 104.0





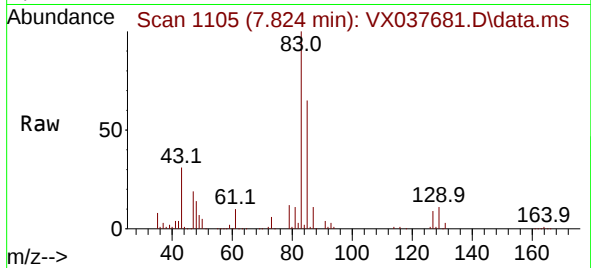
#47
Bromodichloromethane
Concen: 58.994 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



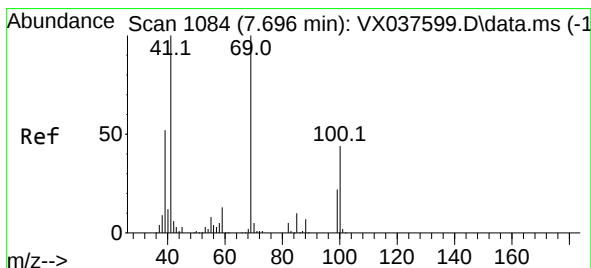
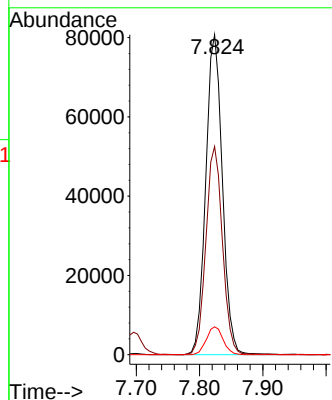
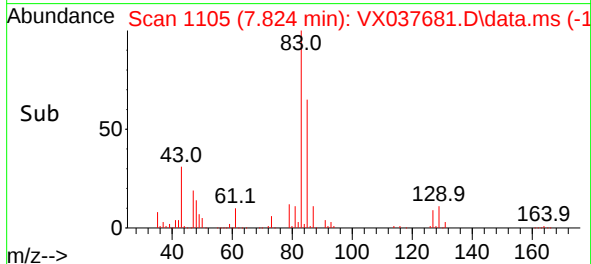
Tgt Ion: 83 Resp: 147294
Ion Ratio Lower Upper
83 100
85 65.0 49.8 74.6
127 8.7 7.1 10.7

Manual Integrations

APPROVED

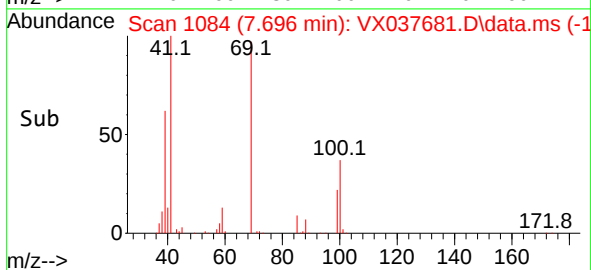
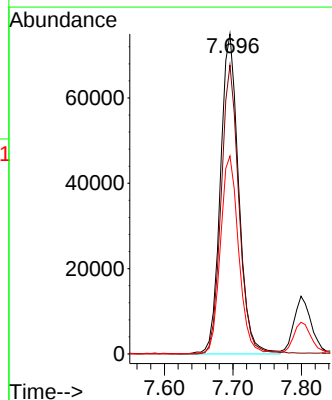
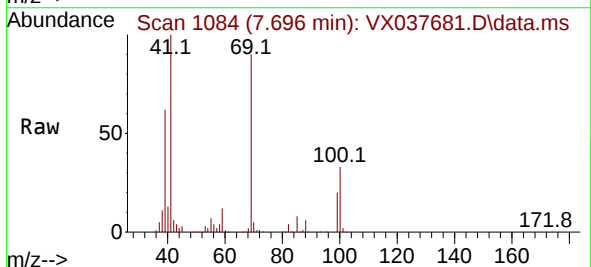
Reviewed By :John Carlone 09/13/2023

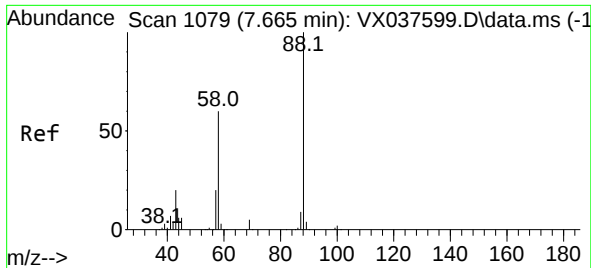
Supervised By :Mahesh Dadoda 09/13/2023



#48
Methyl methacrylate
Concen: 66.104 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17

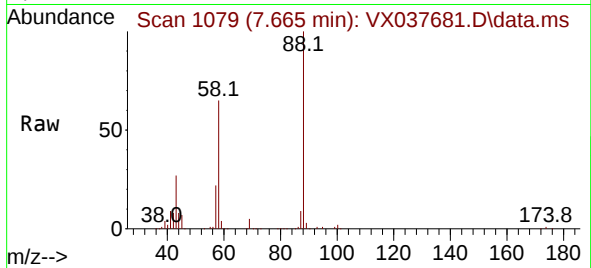
Tgt Ion: 41 Resp: 138607
Ion Ratio Lower Upper
41 100
69 88.0 59.2 88.8
39 61.4 47.7 71.5





#49
1,4-Dioxane
Concen: 1407.518 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. -0.000 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17

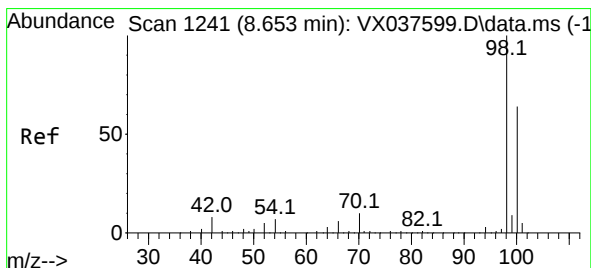
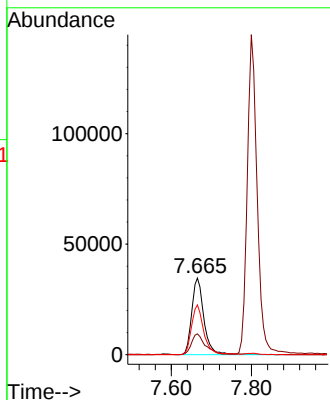
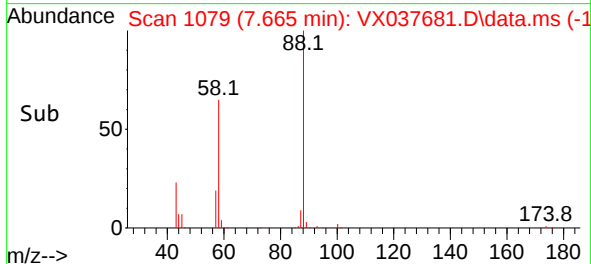
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 73120
Ion Ratio Lower Upper
88 100
43 30.5 0.0 0.0
58 65.2 60.1 90.1

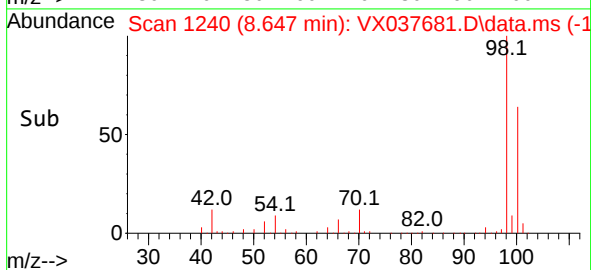
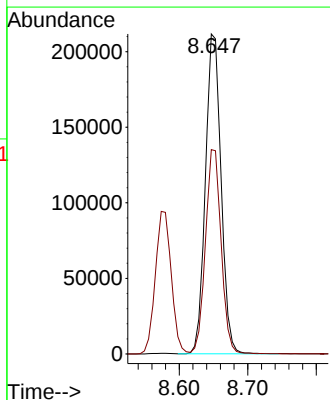
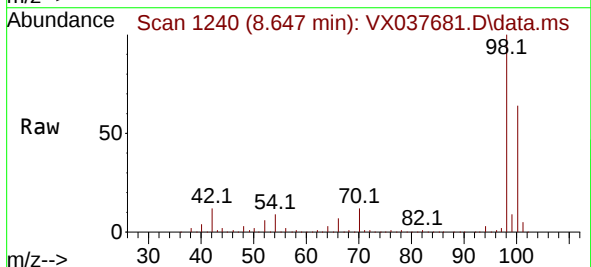
Manual Integrations
APPROVED

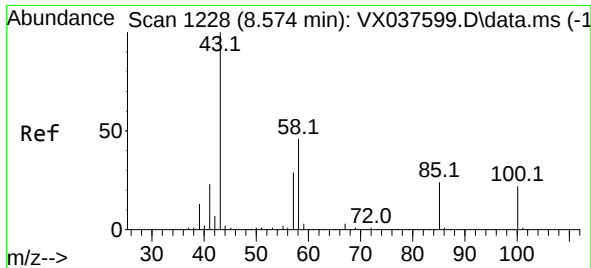
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#50
Toluene-d8
Concen: 51.191 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17

Tgt Ion: 98 Resp: 337233
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 332.283 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17

Instrument :

MSVOA_X

ClientSampleId :

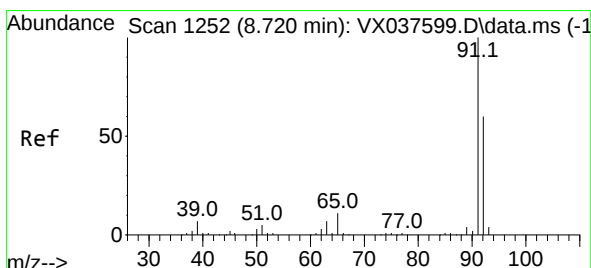
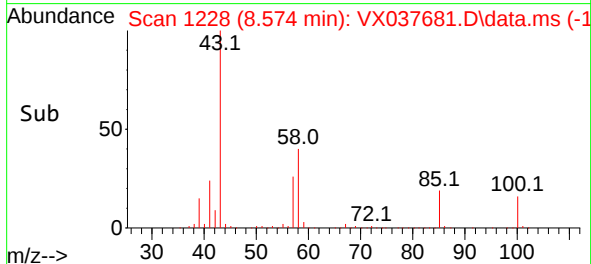
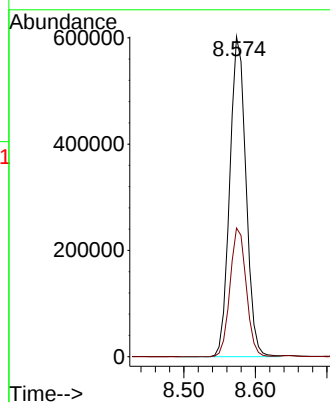
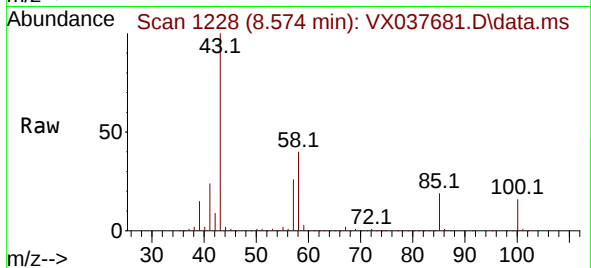
VSTDCCC050EC

Tgt Ion: 43 Resp: 94642
Ion Ratio Lower Upper
43 100
58 40.2 30.4 45.6

Manual Integrations

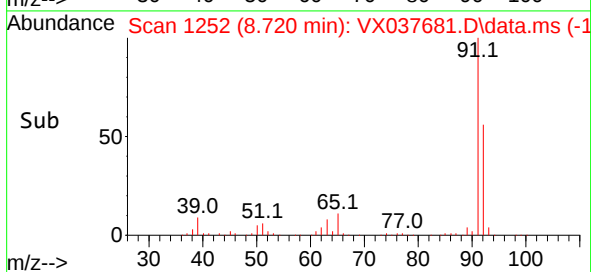
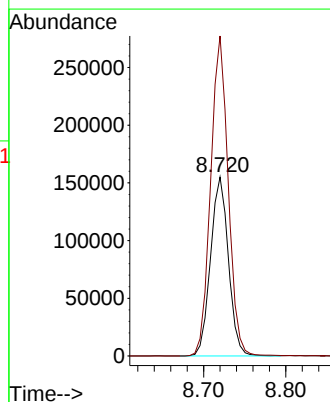
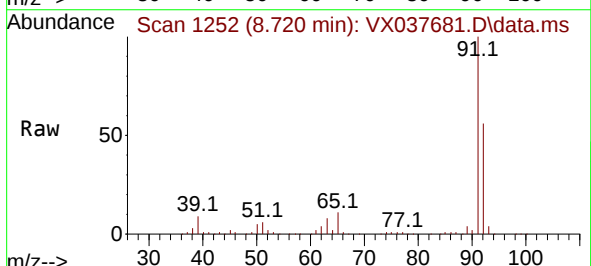
APPROVED

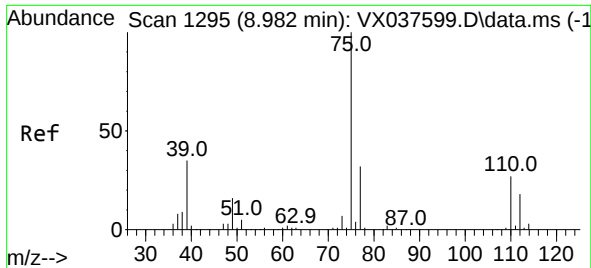
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#52
Toluene
Concen: 50.589 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17

Tgt Ion: 92 Resp: 234312
Ion Ratio Lower Upper
92 100
91 175.7 134.2 201.2





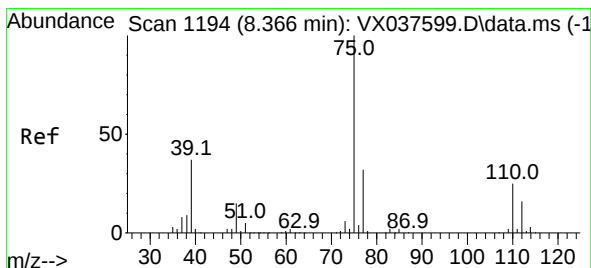
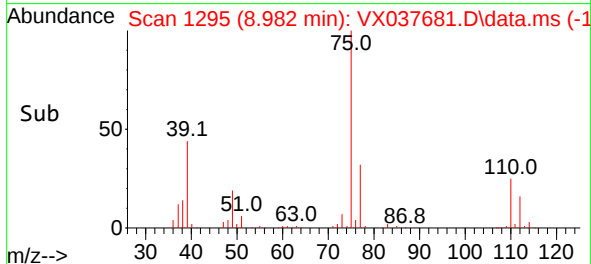
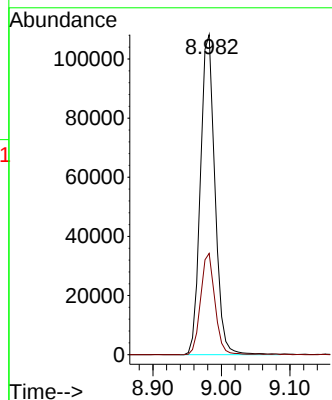
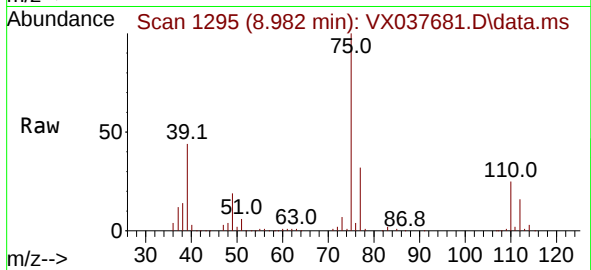
#53
t-1,3-Dichloropropene
Concen: 63.240 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 16008
Ion Ratio Lower Upper
75 100
77 31.7 25.7 38.5

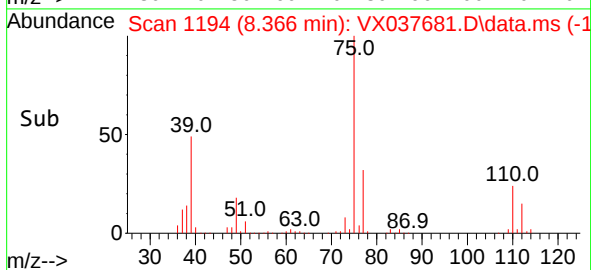
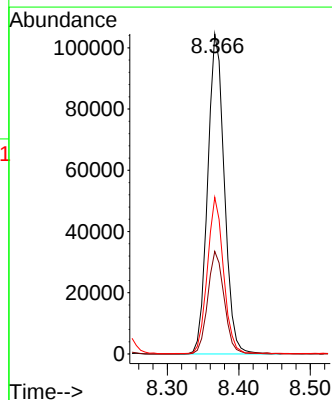
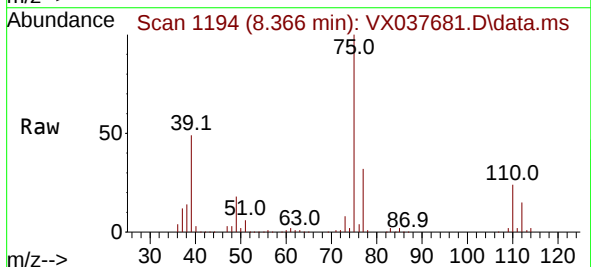
Manual Integrations
APPROVED

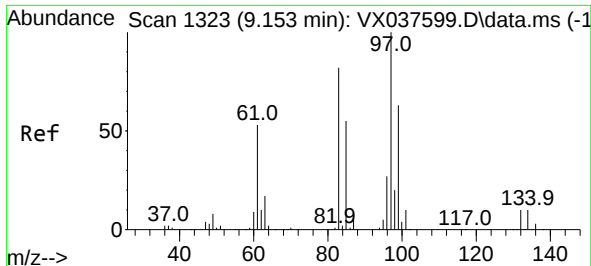
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#54
cis-1,3-Dichloropropene
Concen: 60.717 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17

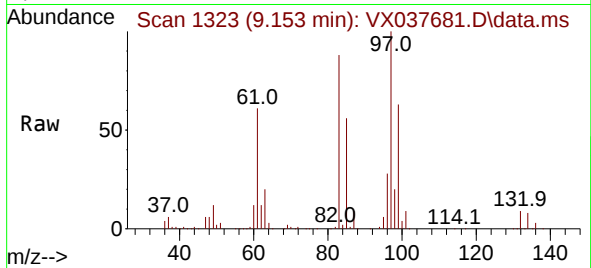
Tgt Ion: 75 Resp: 168647
Ion Ratio Lower Upper
75 100
77 32.0 25.3 37.9
39 48.8 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 64.605 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17

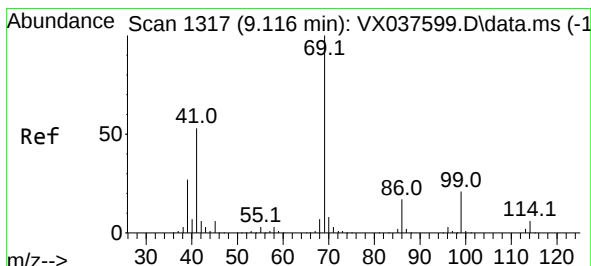
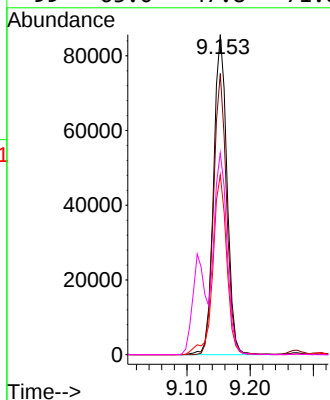
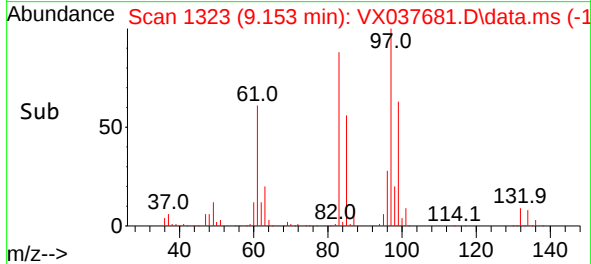
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



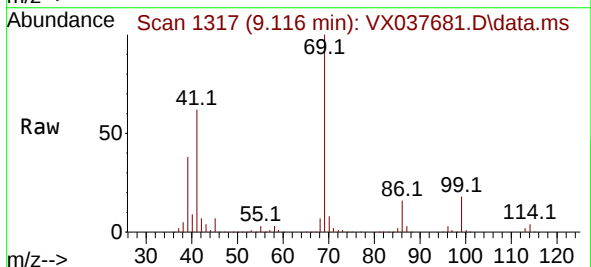
Tgt Ion: 97 Resp: 126000
Ion Ratio Lower Upper
97 100
83 87.8 65.8 98.8
85 56.2 41.6 62.4
99 63.0 47.8 71.8

Manual Integrations
APPROVED

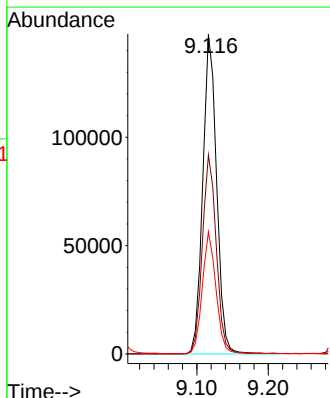
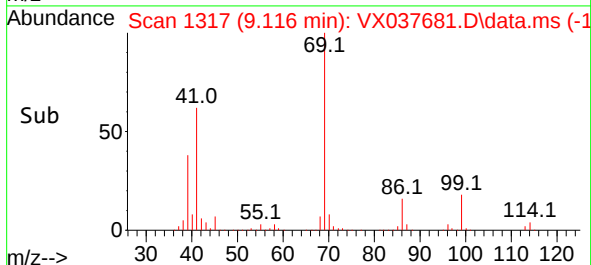
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

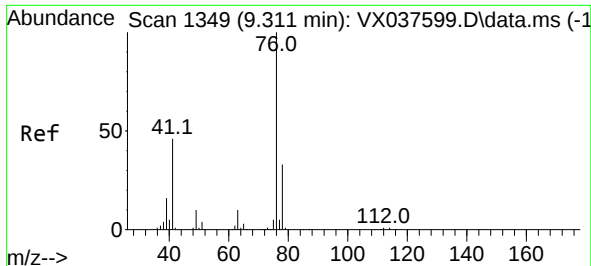


#56
Ethyl methacrylate
Concen: 66.639 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17



Tgt Ion: 69 Resp: 198853
Ion Ratio Lower Upper
69 100
41 62.6 56.8 85.2
39 37.7 32.0 48.0





#57

1,3-Dichloropropane

Concen: 62.134 ug/l

RT: 9.311 min Scan# 1134

Delta R.T. -0.000 min

Lab File: VX037681.D

Acq: 12 Sep 2023 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 20326

Ion Ratio Lower Upper

76 100

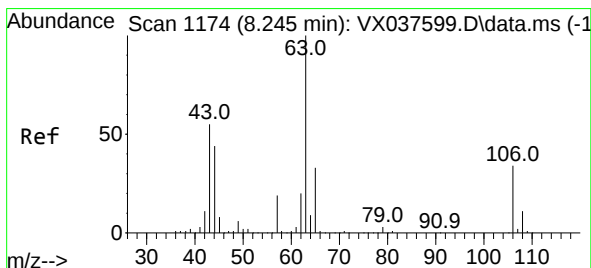
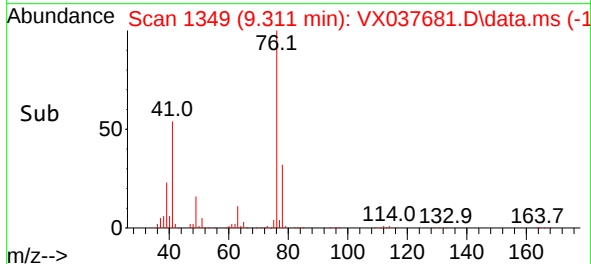
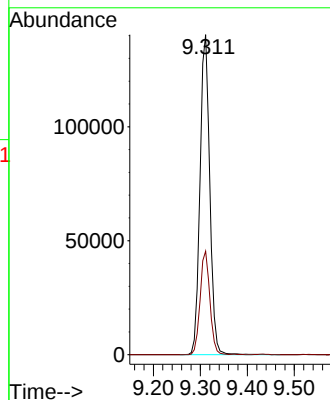
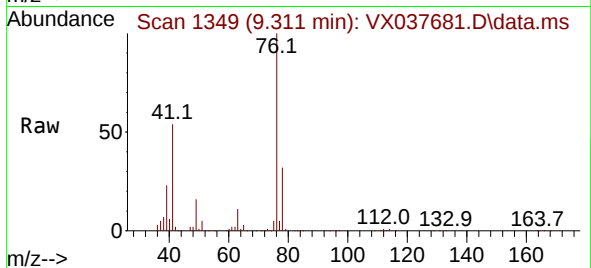
78 32.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#58

2-Chloroethyl Vinyl ether

Concen: 335.403 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX037681.D

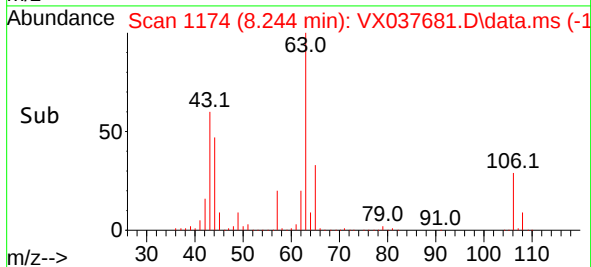
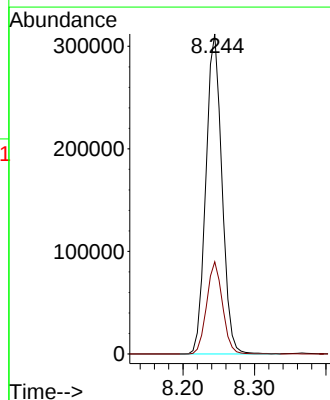
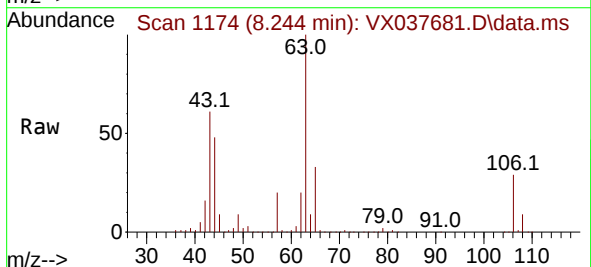
Acq: 12 Sep 2023 20:17

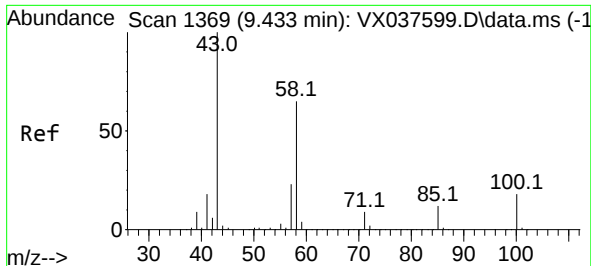
Tgt Ion: 63 Resp: 485291

Ion Ratio Lower Upper

63 100

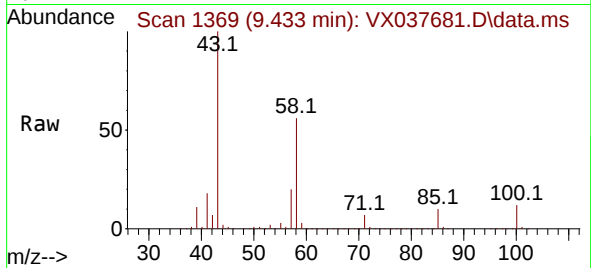
106 28.4 22.5 33.7





#59
2-Hexanone
Concen: 335.744 ug/l
RT: 9.433 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17

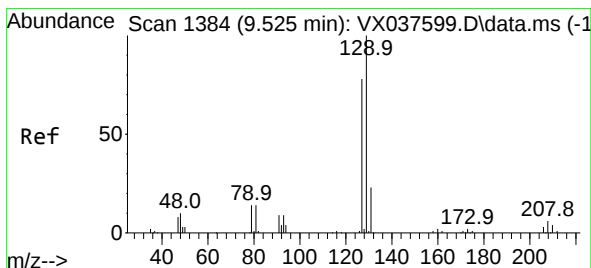
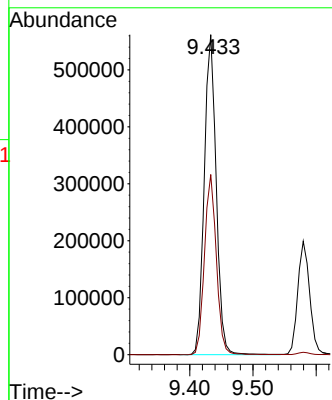
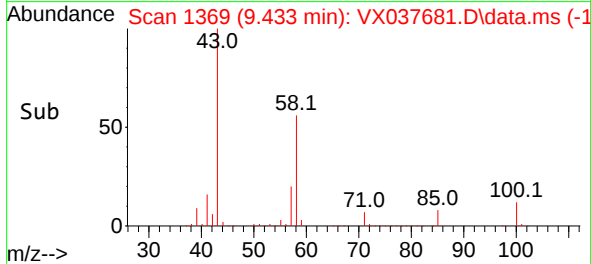
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 73815
Ion Ratio Lower Upper
43 100
58 56.1 26.2 78.5

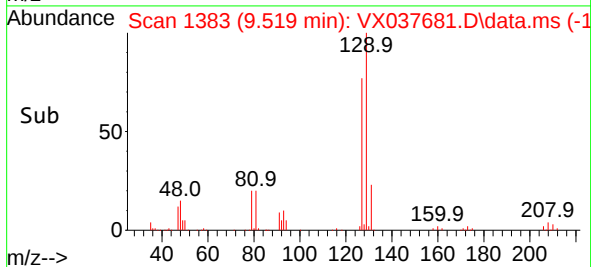
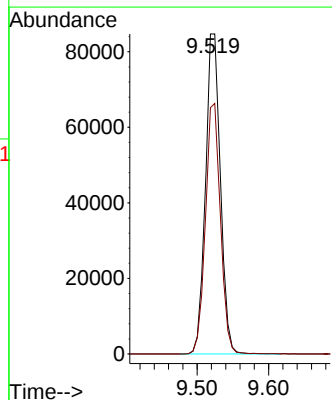
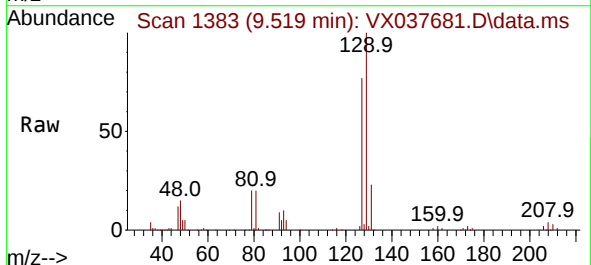
Manual Integrations
APPROVED

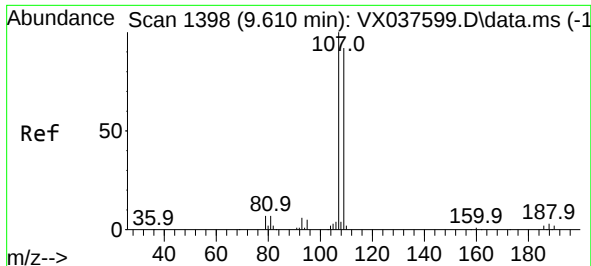
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#60
Dibromochloromethane
Concen: 64.214 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17

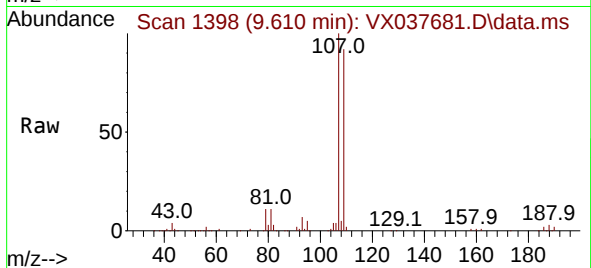
Tgt Ion:129 Resp: 123015
Ion Ratio Lower Upper
129 100
127 78.6 38.8 116.4





#61
1,2-Dibromoethane
Concen: 64.397 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17

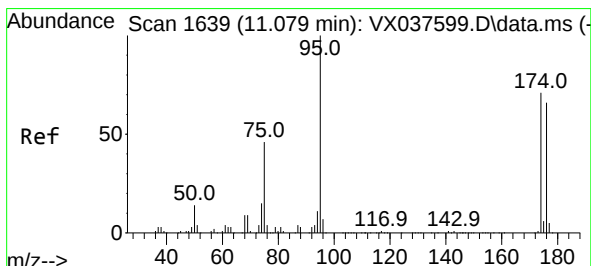
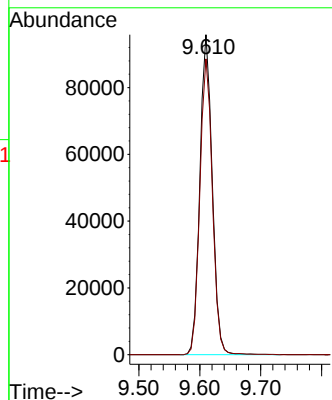
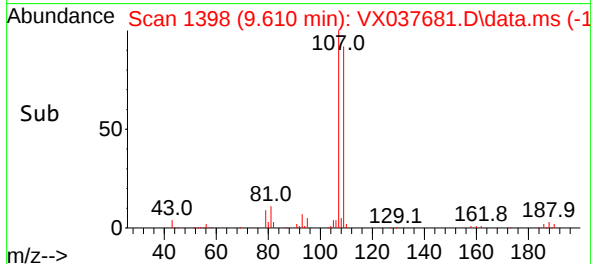
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 13500
Ion Ratio Lower Upper
107 100
109 93.6 75.2 112.8

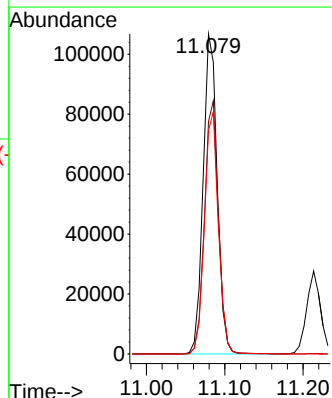
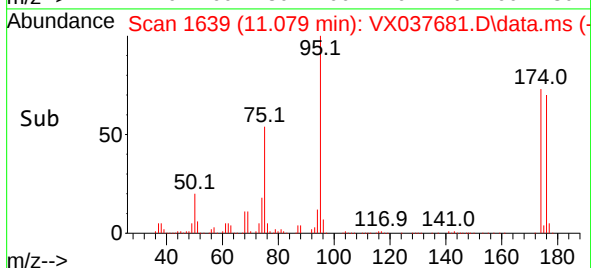
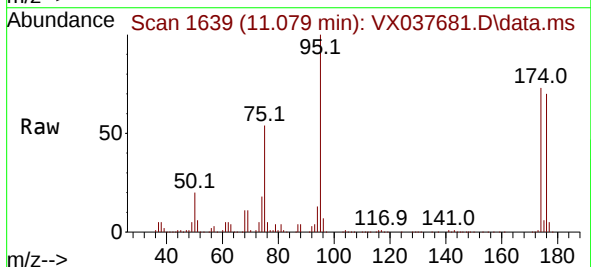
Manual Integrations
APPROVED

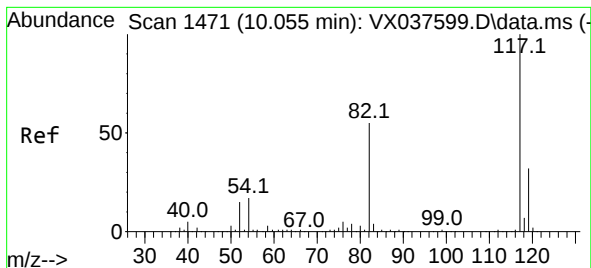
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#62
4-Bromofluorobenzene
Concen: 55.853 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17

Tgt Ion: 95 Resp: 132744
Ion Ratio Lower Upper
95 100
174 78.9 0.0 135.6
176 75.0 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX037681.D

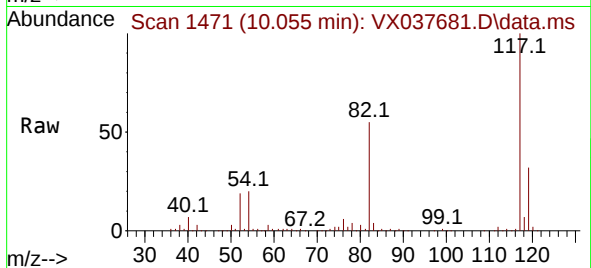
Acq: 12 Sep 2023 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:117 Resp: 255379

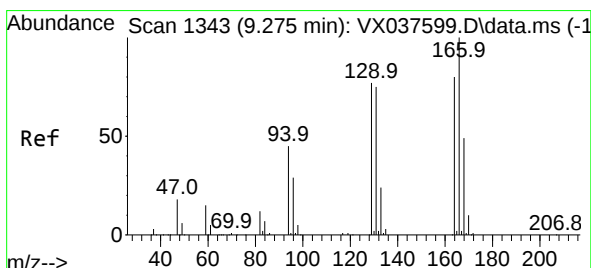
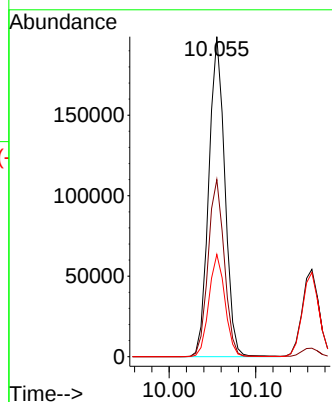
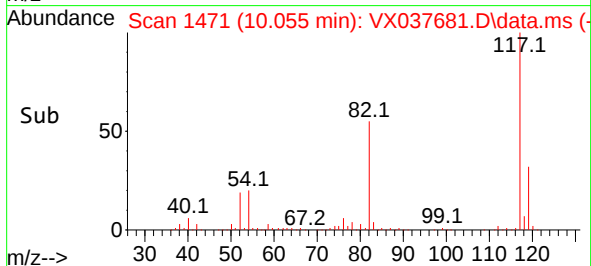
Ion	Ratio	Lower	Upper
117	100		
82	55.4	46.2	69.4
119	32.0	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#64

Tetrachloroethene

Concen: 39.864 ug/l

RT: 9.275 min Scan# 1343

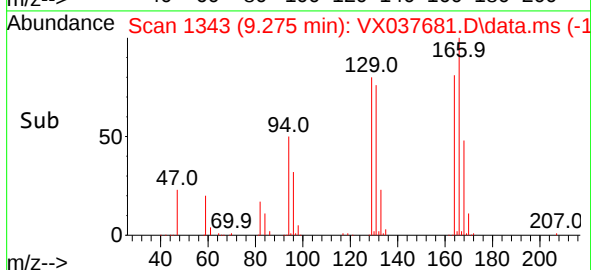
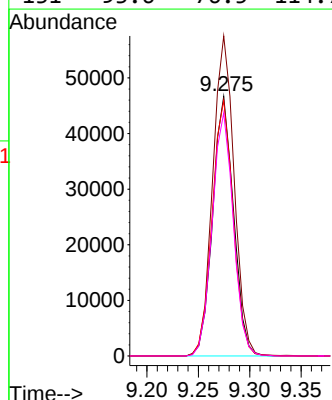
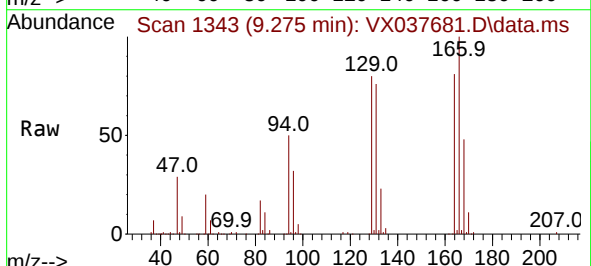
Delta R.T. -0.000 min

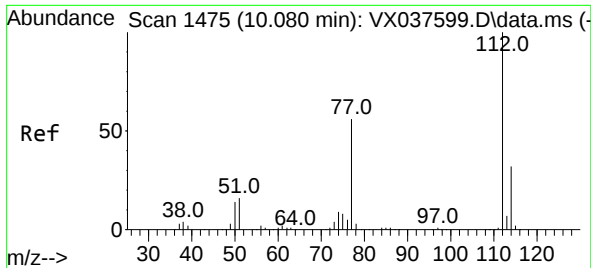
Lab File: VX037681.D

Acq: 12 Sep 2023 20:17

Tgt Ion:164 Resp: 65959

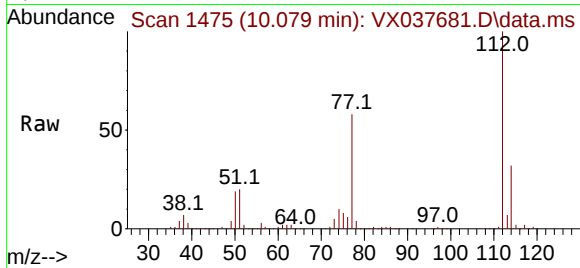
Ion	Ratio	Lower	Upper
164	100		
166	123.3	102.7	154.1
129	98.5	80.4	120.6
131	93.6	76.5	114.7





#65
Chlorobenzene
Concen: 50.052 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17

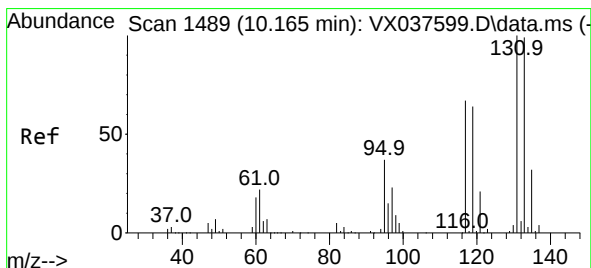
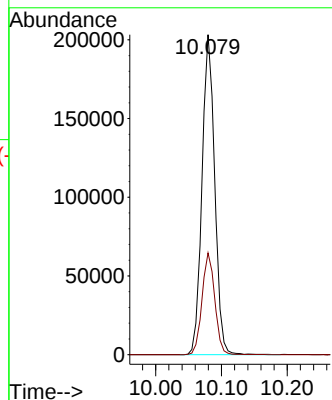
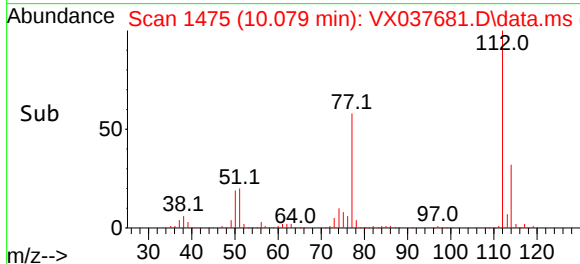
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



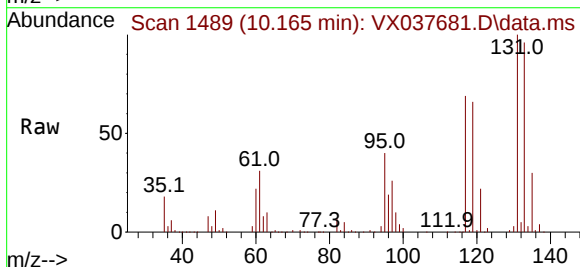
Tgt Ion:112 Resp: 272448
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5

Manual Integrations
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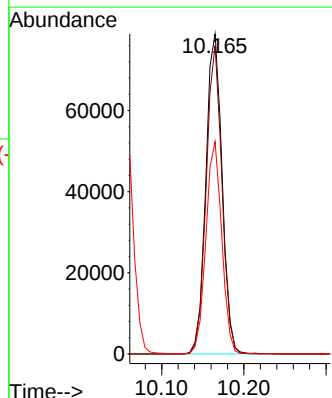
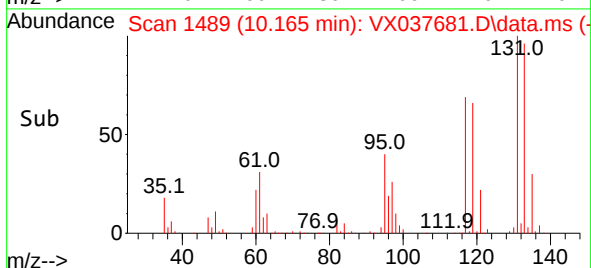
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

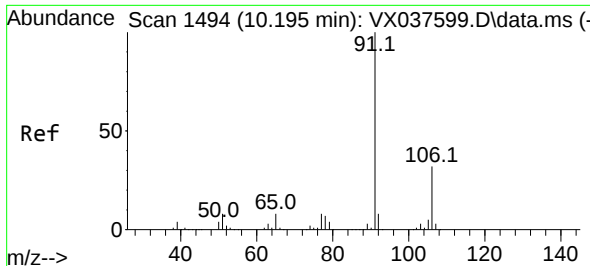


#66
1,1,1,2-Tetrachloroethane
Concen: 57.681 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17



Tgt Ion:131 Resp: 108208
Ion Ratio Lower Upper
131 100
133 93.3 47.1 141.4
119 64.8 32.2 96.6





#67

Ethyl Benzene

Concen: 45.276 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX037681.D

Acq: 12 Sep 2023 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 438570

Ion Ratio Lower Upper

91 100

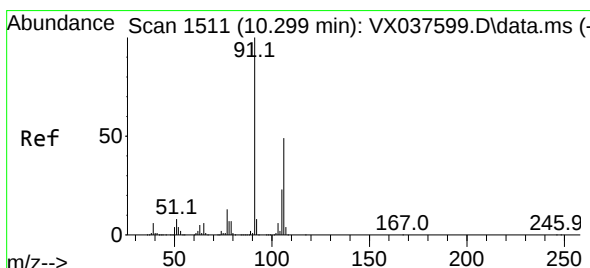
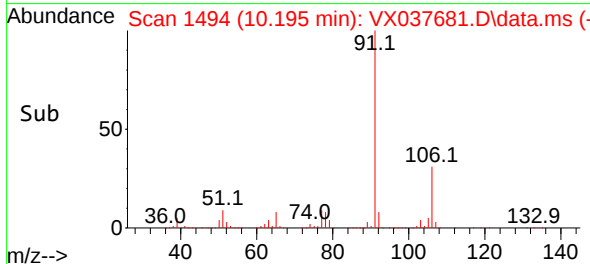
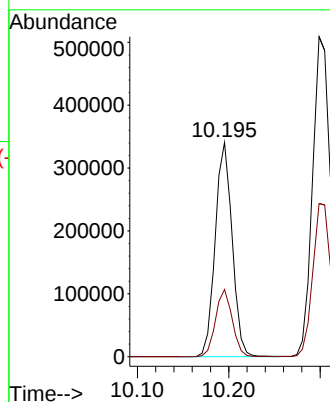
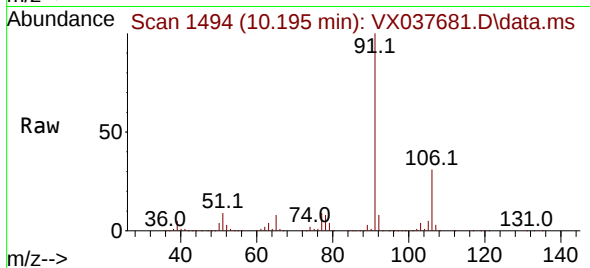
106 31.4 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#68

m/p-Xylenes

Concen: 91.657 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX037681.D

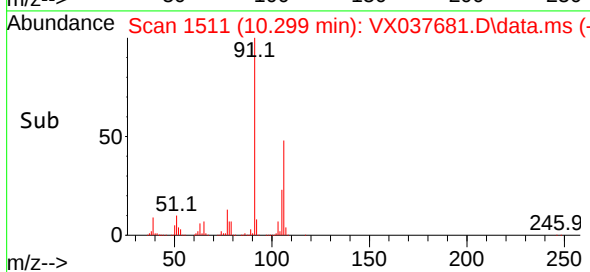
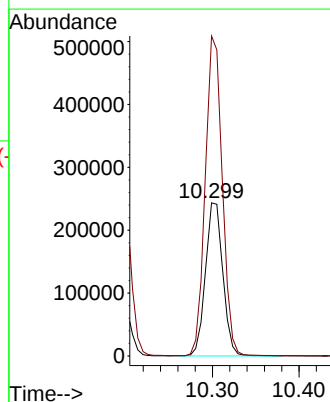
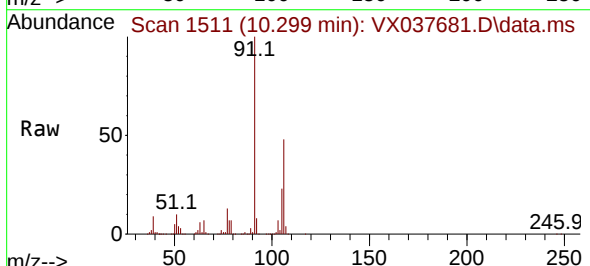
Acq: 12 Sep 2023 20:17

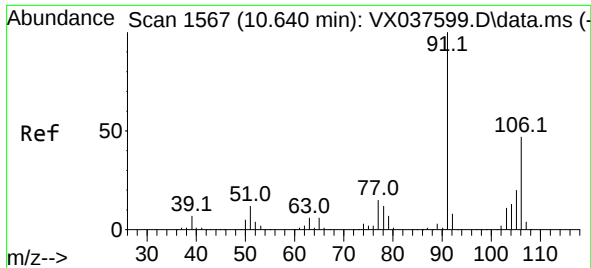
Tgt Ion:106 Resp: 338542

Ion Ratio Lower Upper

106 100

91 205.8 165.5 248.3





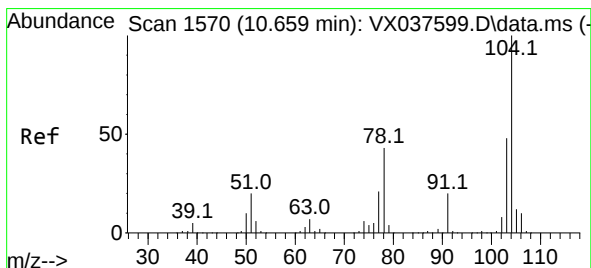
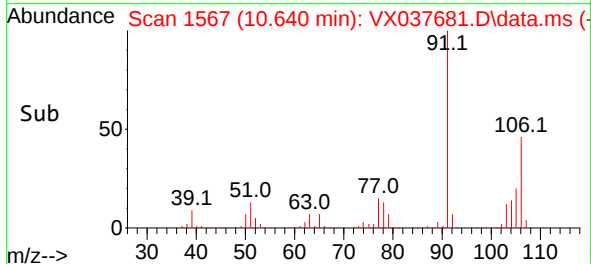
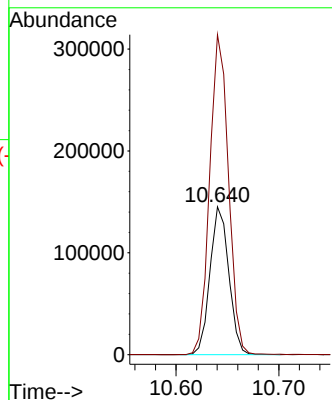
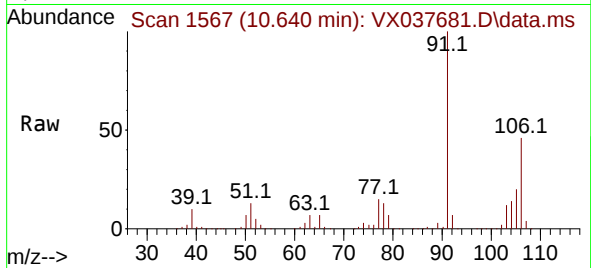
#69
o-Xylene
Concen: 50.188 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 18482
Ion Ratio Lower Upper
106 100
91 216.0 108.9 326.8

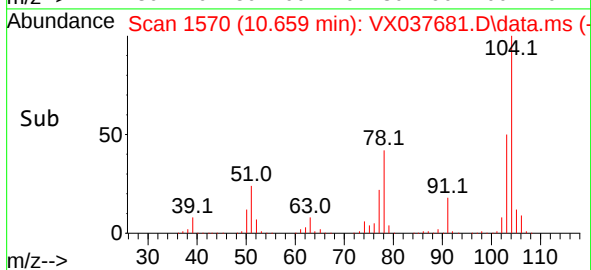
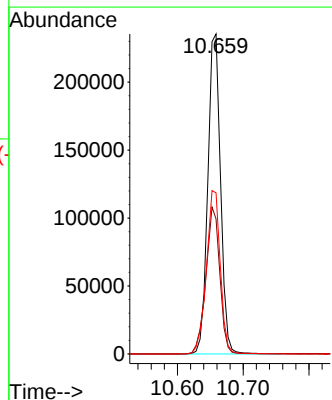
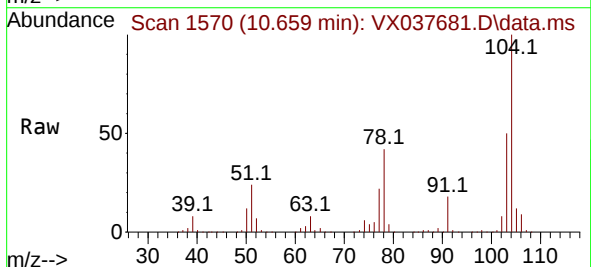
Manual Integrations
APPROVED

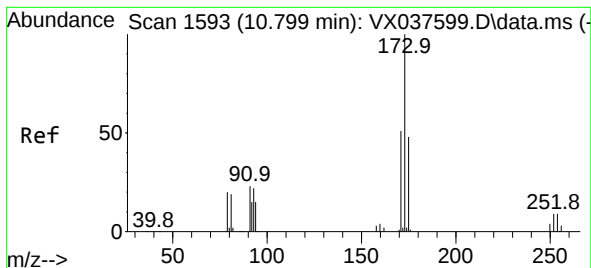
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#70
Styrene
Concen: 52.894 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17

Tgt Ion:104 Resp: 317786
Ion Ratio Lower Upper
104 100
78 49.9 43.6 65.4
103 55.8 43.6 65.4





#71

Bromoform

Concen: 63.608 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX037681.D

Acq: 12 Sep 2023 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

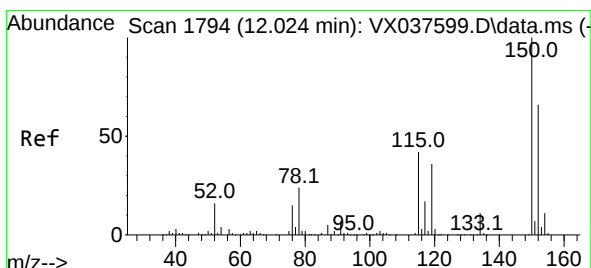
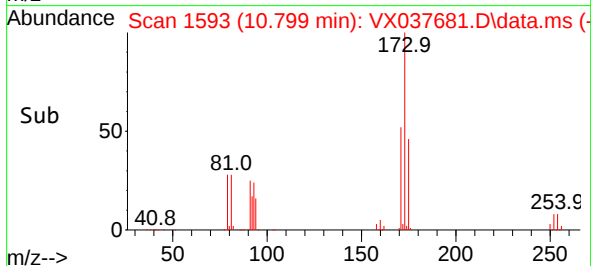
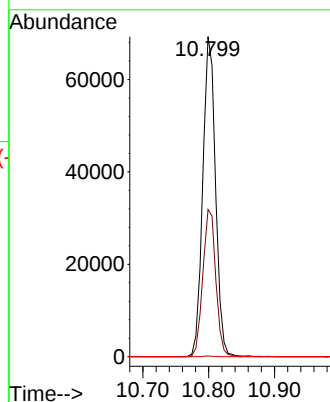
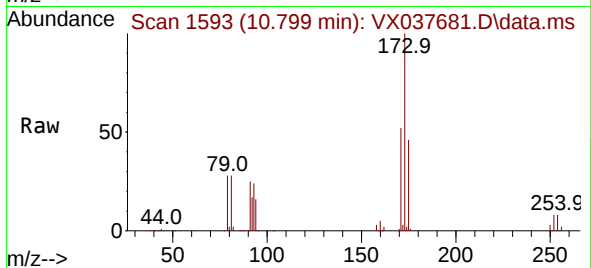
Tgt Ion:173 Resp: 93373
 Ion Ratio Lower Upper
 173 100
 175 46.7 24.1 72.4
 254 0.2 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

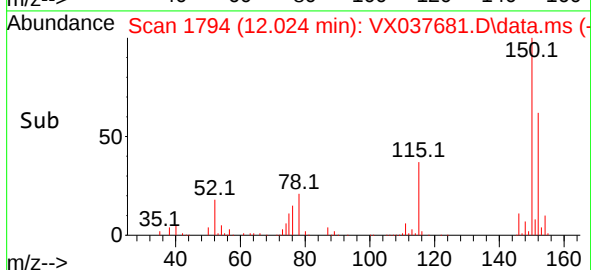
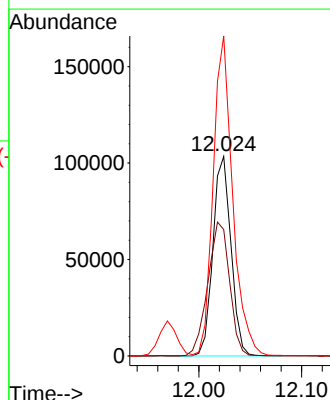
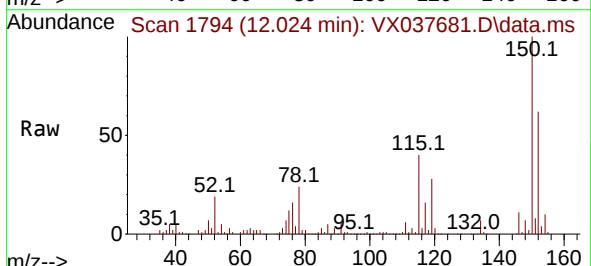
RT: 12.024 min Scan# 1794

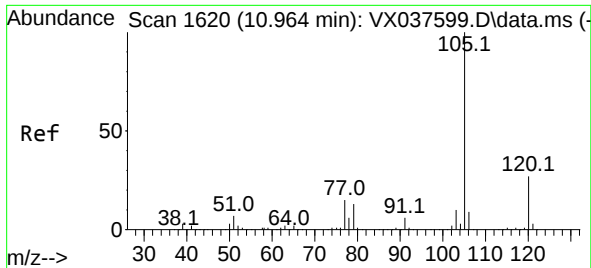
Delta R.T. -0.000 min

Lab File: VX037681.D

Acq: 12 Sep 2023 20:17

Tgt Ion:152 Resp: 125843
 Ion Ratio Lower Upper
 152 100
 115 81.0 43.3 129.9
 150 173.1 0.0 345.0





#73
Isopropylbenzene
Concen: 44.015 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17

Instrument :

MSVOA_X

ClientSampleId :

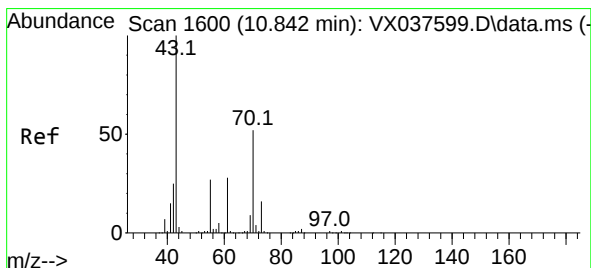
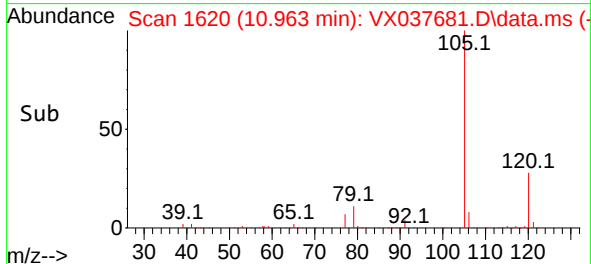
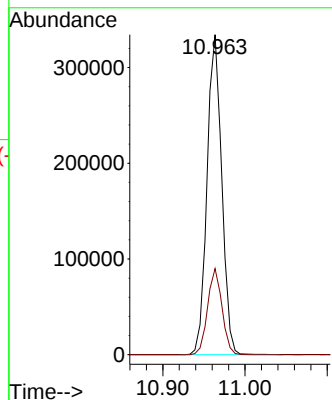
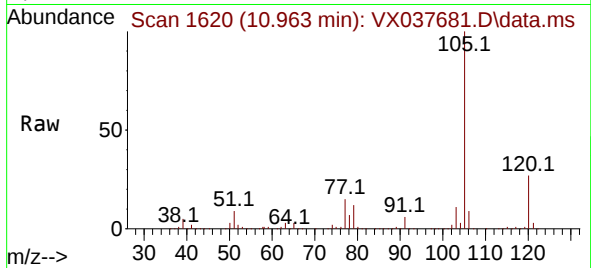
VSTDCCC050EC

Tgt Ion:105 Resp: 414698
Ion Ratio Lower Upper
105 100
120 26.3 12.9 38.6

Manual Integrations

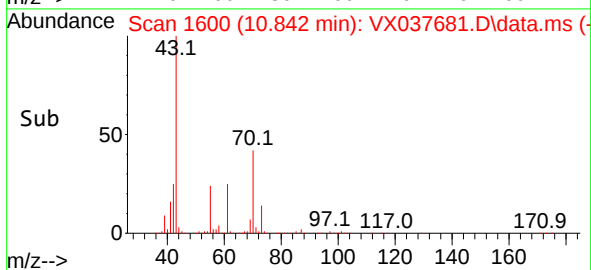
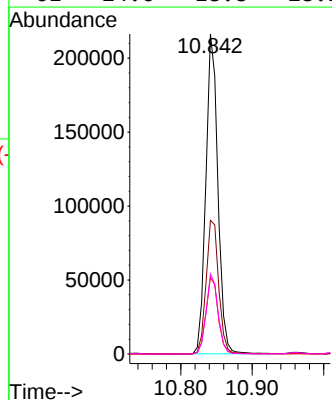
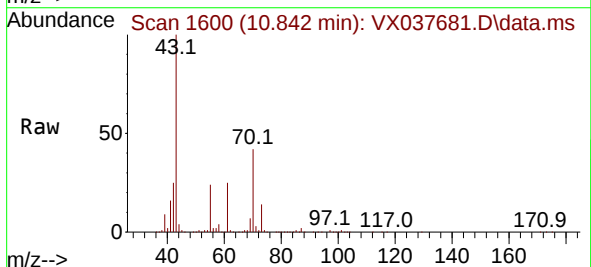
APPROVED

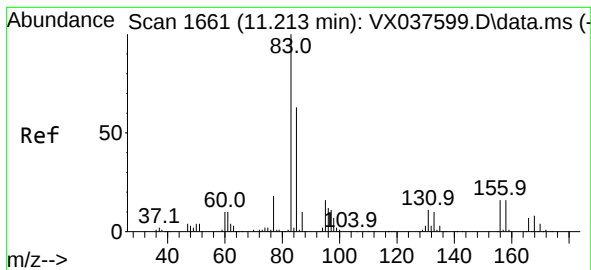
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#74
N-ethyl acetate
Concen: 61.712 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17

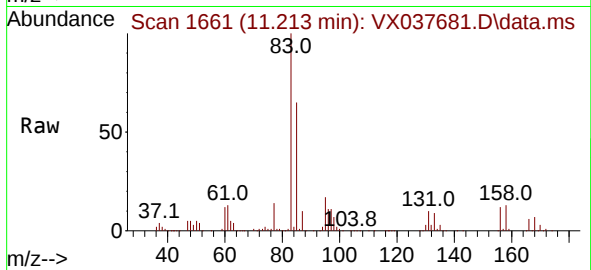
Tgt Ion: 43 Resp: 253541
Ion Ratio Lower Upper
43 100
70 43.9 32.9 49.3
55 24.4 19.3 28.9
61 24.6 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 59.534 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17

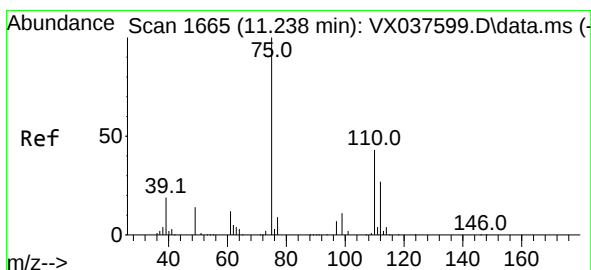
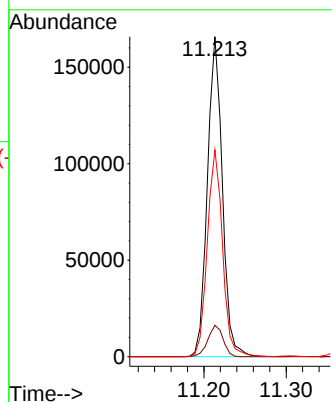
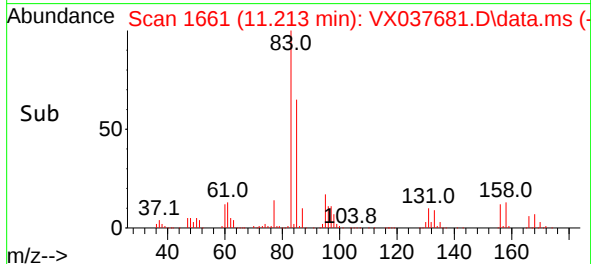
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



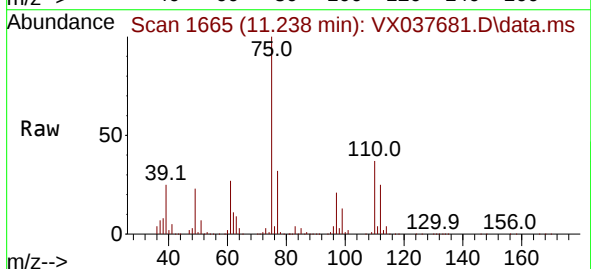
Tgt Ion: 83 Resp: 20990
Ion Ratio Lower Upper
83 100
131 10.0 5.3 15.8
85 65.8 32.0 96.2

Manual Integrations
APPROVED

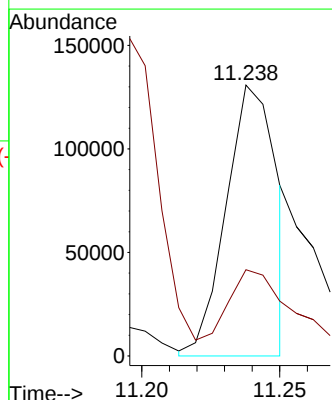
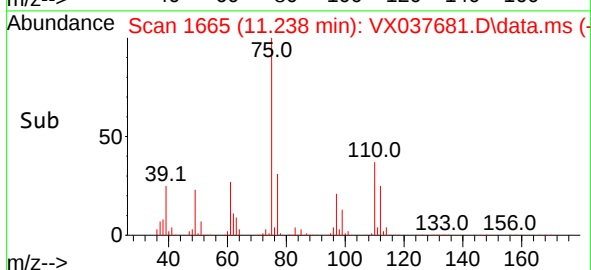
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

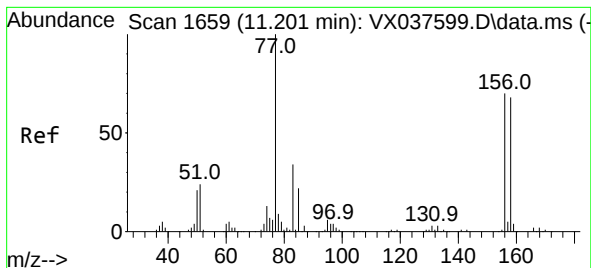


#76
1,2,3-Trichloropropane
Concen: 60.145 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17



Tgt Ion: 75 Resp: 166398
Ion Ratio Lower Upper
75 100
77 43.3 19.1 57.5





#77

Bromobenzene

Concen: 55.555 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX037681.D

Acq: 12 Sep 2023 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

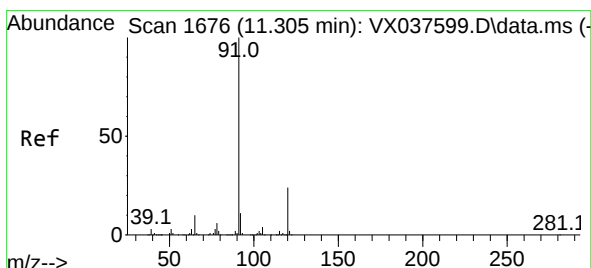
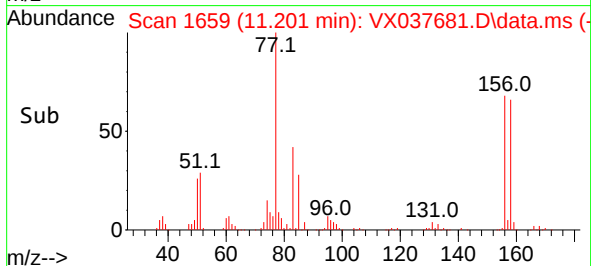
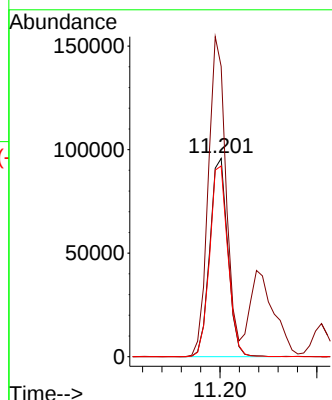
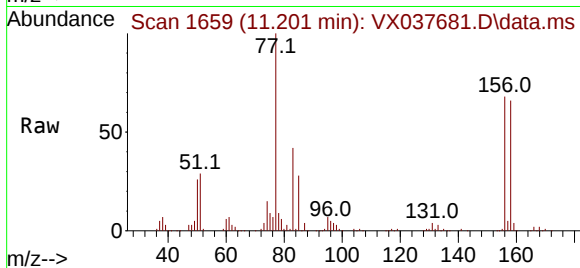
Tgt Ion:	156	Resp:	12404
Ion Ratio	Lower	Upper	
156	100		
77	158.6	88.4	265.3
158	97.3	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#78

n-propylbenzene

Concen: 42.462 ug/l

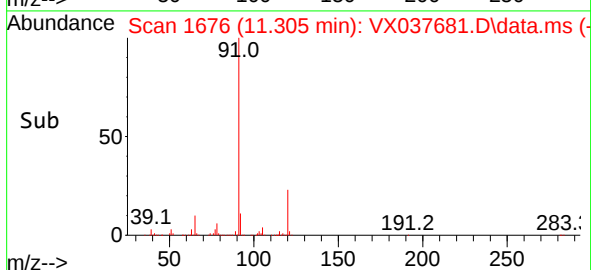
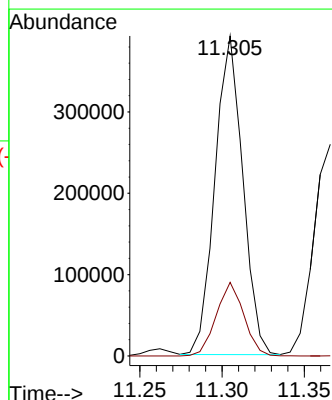
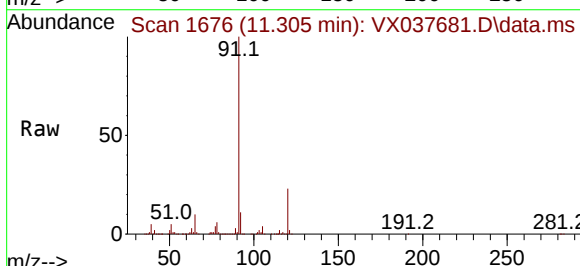
RT: 11.305 min Scan# 1676

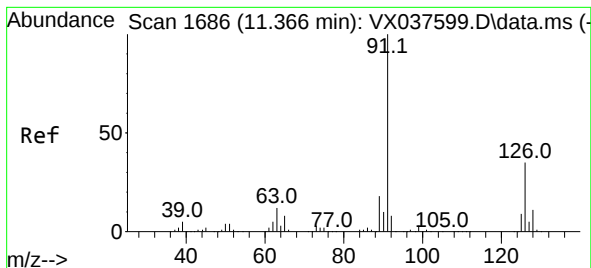
Delta R.T. -0.000 min

Lab File: VX037681.D

Acq: 12 Sep 2023 20:17

Tgt Ion:	91	Resp:	460270
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.5	34.4





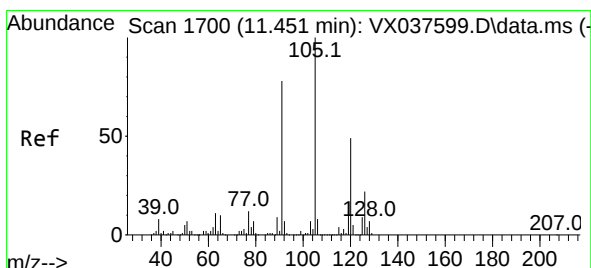
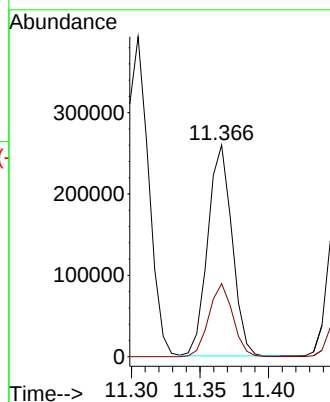
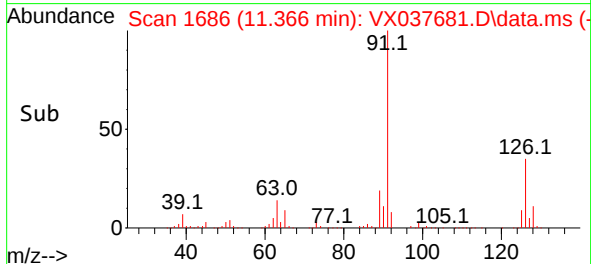
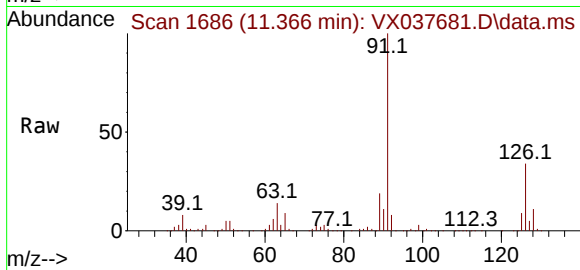
#79
2-Chlorotoluene
Concen: 47.865 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 319374
Ion Ratio Lower Upper
91 100
126 34.2 16.3 48.8

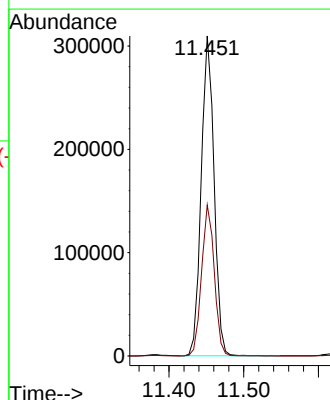
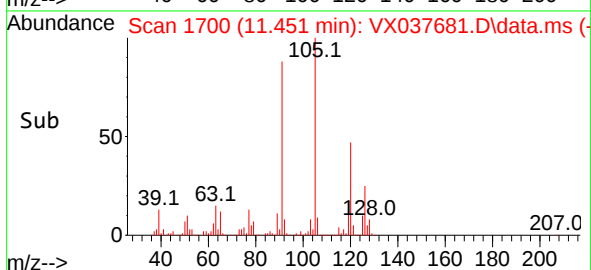
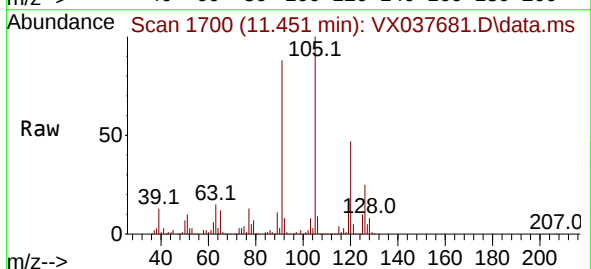
Manual Integrations
APPROVED

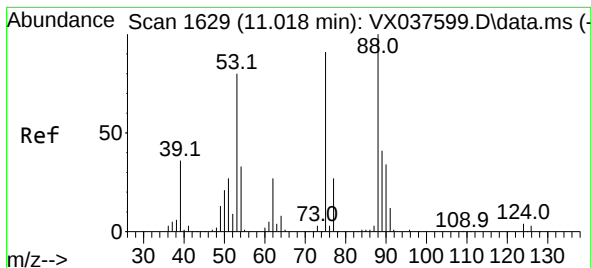
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#80
1,3,5-Trimethylbenzene
Concen: 46.564 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17

Tgt Ion:105 Resp: 368711
Ion Ratio Lower Upper
105 100
120 46.9 24.1 72.3





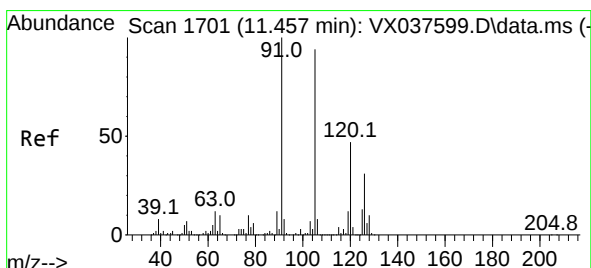
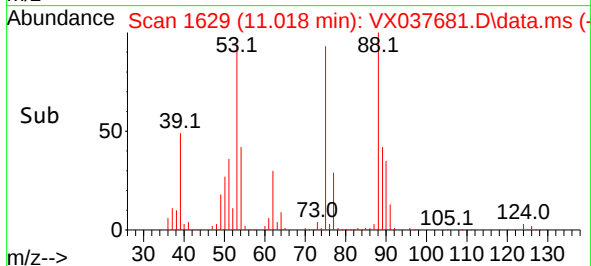
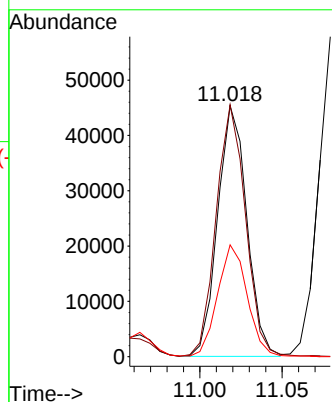
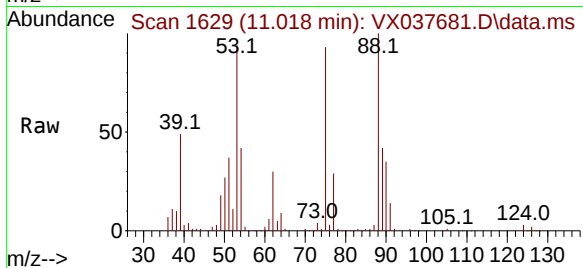
#81
trans-1,4-Dichloro-2-butene
Concen: 61.362 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 55849
Ion Ratio Lower Upper
75 100
53 101.3 90.5 135.7
89 45.5 36.9 55.3

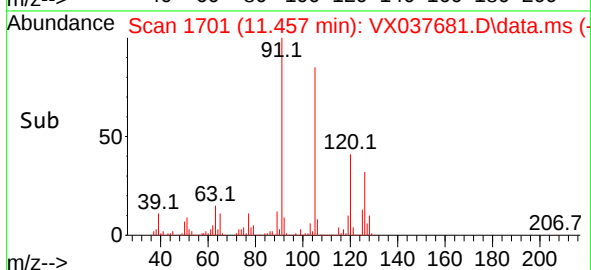
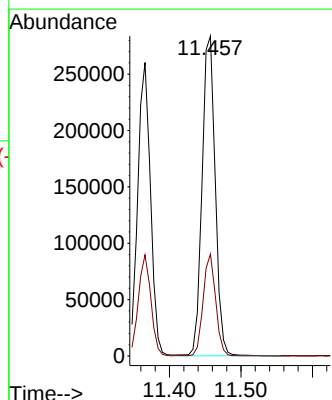
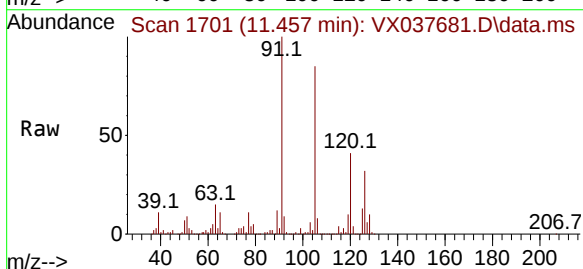
Manual Integrations
APPROVED

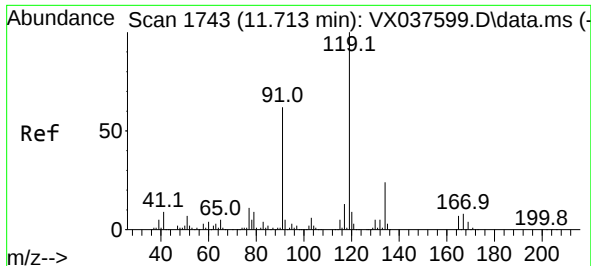
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#82
4-Chlorotoluene
Concen: 47.498 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17

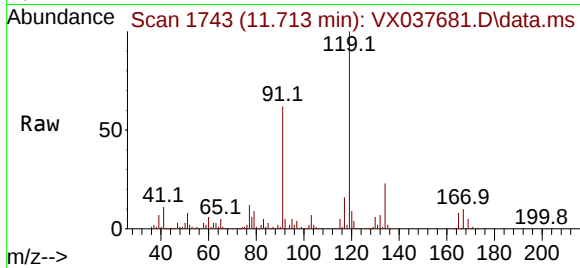
Tgt Ion: 91 Resp: 362032
Ion Ratio Lower Upper
91 100
126 30.2 14.2 42.6





#83
tert-Butylbenzene
Concen: 45.265 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17

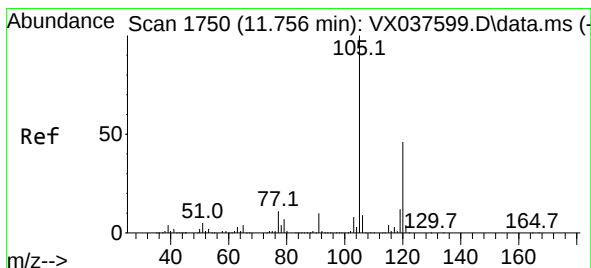
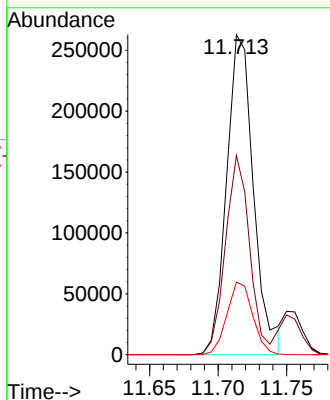
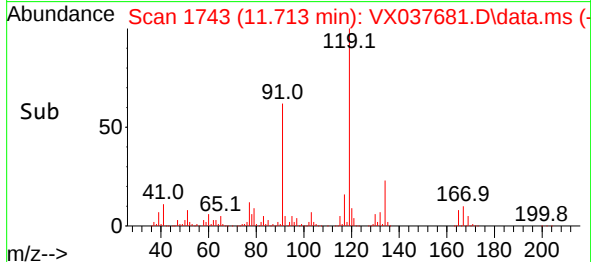
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



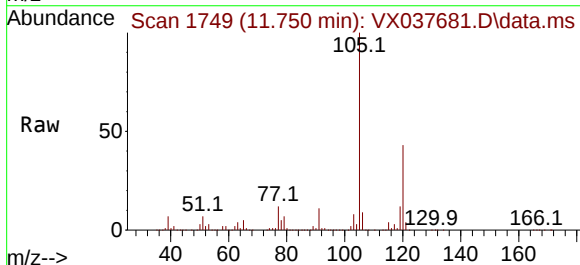
Tgt Ion:119 Resp: 360075
Ion Ratio Lower Upper
119 100
91 55.9 31.2 93.6
134 21.7 11.7 35.0

Manual Integrations
APPROVED

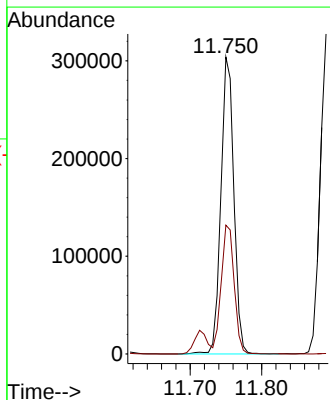
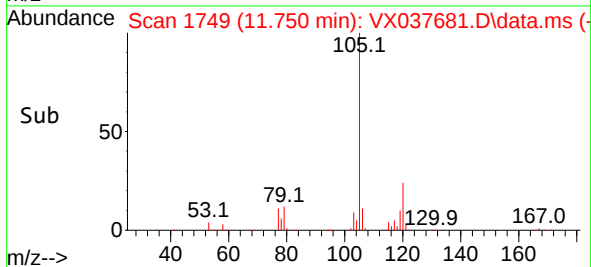
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

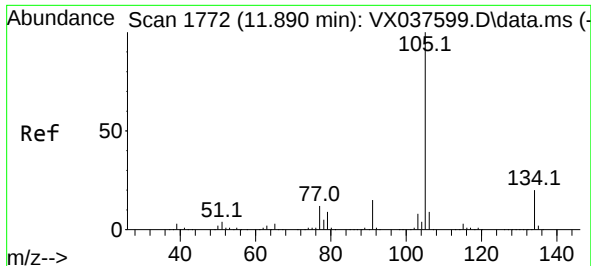


#84
1,2,4-Trimethylbenzene
Concen: 47.920 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17



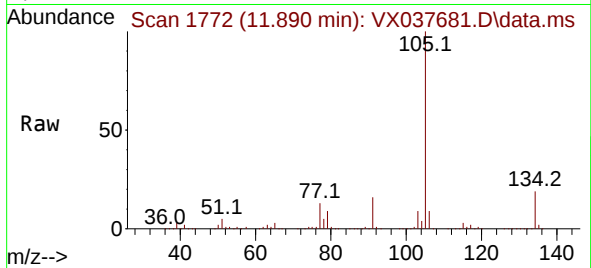
Tgt Ion:105 Resp: 382552
Ion Ratio Lower Upper
105 100
120 43.3 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 40.372 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX037681.D
 Acq: 12 Sep 2023 20:17

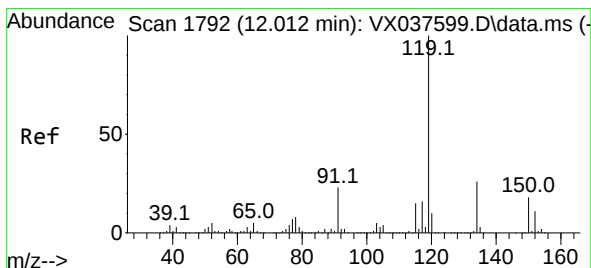
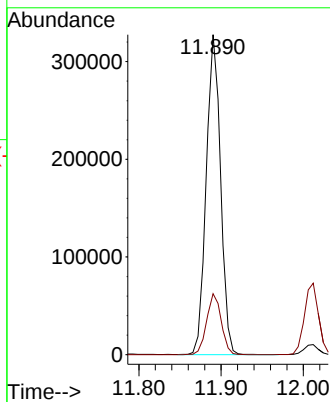
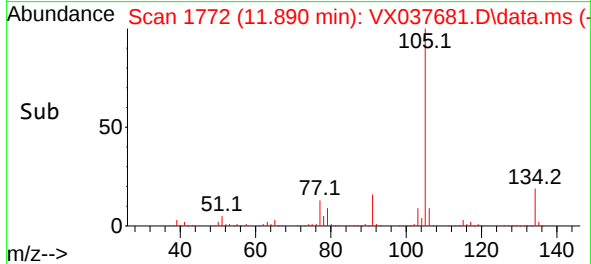
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



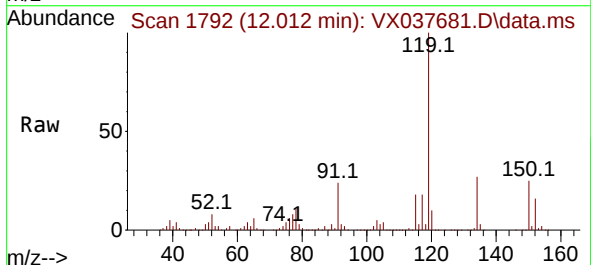
Tgt Ion:105 Resp: 39648
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.4

Manual Integrations
 APPROVED

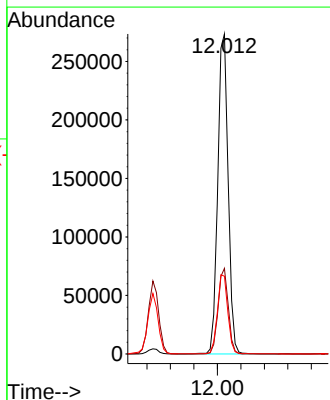
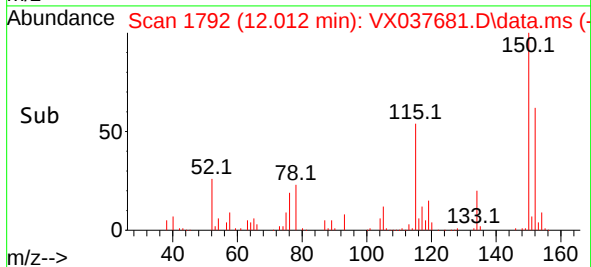
Reviewed By :John Carlone 09/13/2023
 Supervised By :Mahesh Dadoda 09/13/2023

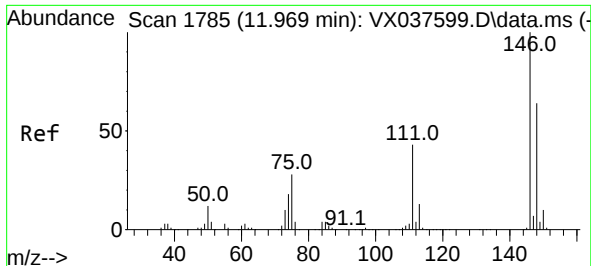


#86
 p-Isopropyltoluene
 Concen: 41.482 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX037681.D
 Acq: 12 Sep 2023 20:17



Tgt Ion:119 Resp: 333821
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.8 38.3
 91 24.7 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 49.109 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX037681.D

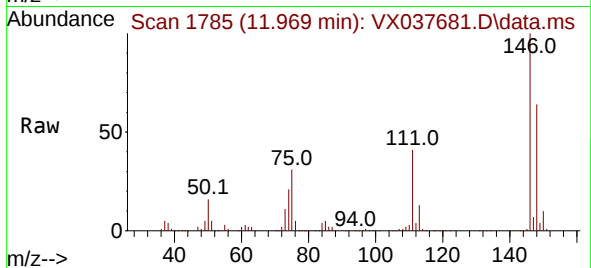
Acq: 12 Sep 2023 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 210539

Ion Ratio Lower Upper

146 100

111 42.0 22.1 66.1

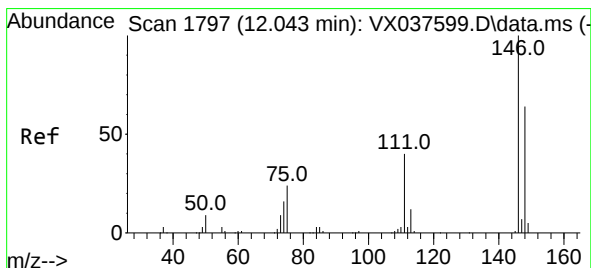
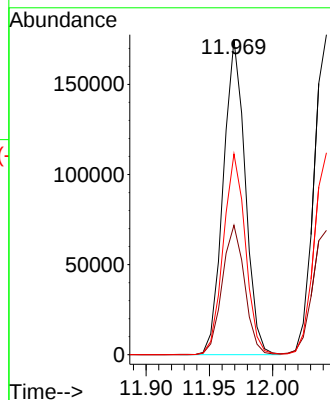
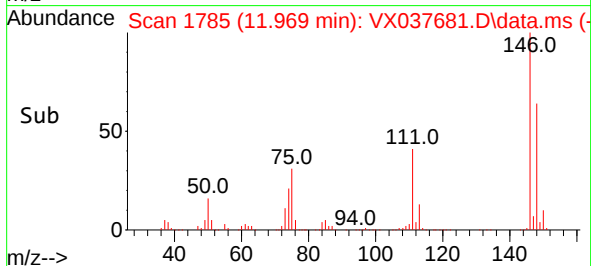
148 64.0 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#88

1,4-Dichlorobenzene

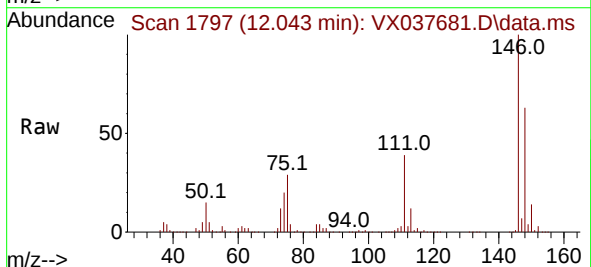
Concen: 48.835 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX037681.D

Acq: 12 Sep 2023 20:17



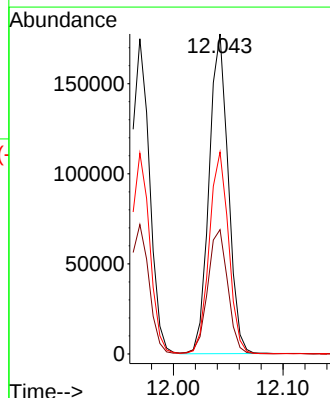
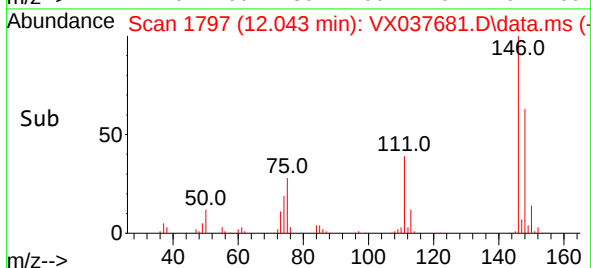
Tgt Ion:146 Resp: 215170

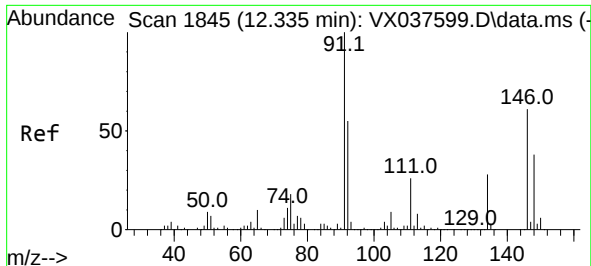
Ion Ratio Lower Upper

146 100

111 40.8 21.3 63.7

148 64.0 31.8 95.4





#89

n-Butylbenzene

Concen: 37.387 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX037681.D

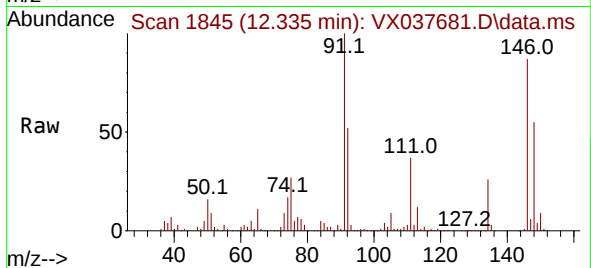
Acq: 12 Sep 2023 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 91 Resp: 27249

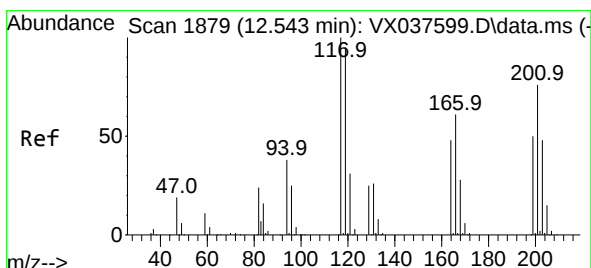
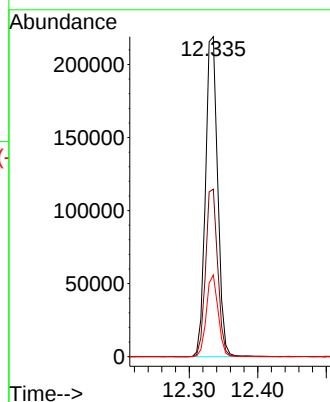
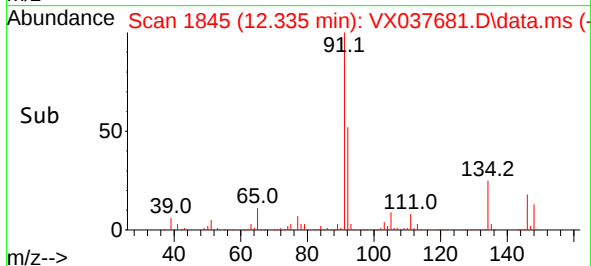
Ion	Ratio	Lower	Upper
91	100		
92	51.9	27.4	82.0
134	24.7	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#90

Hexachloroethane

Concen: 44.157 ug/l

RT: 12.536 min Scan# 1878

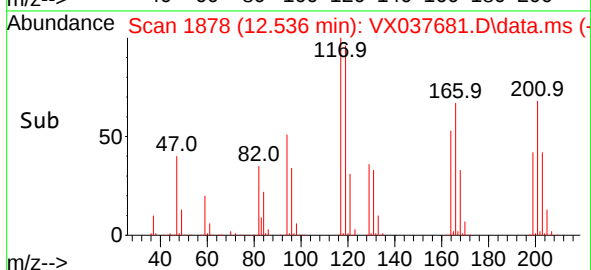
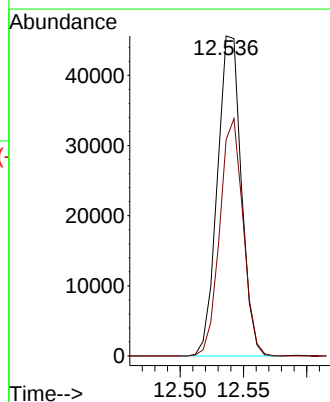
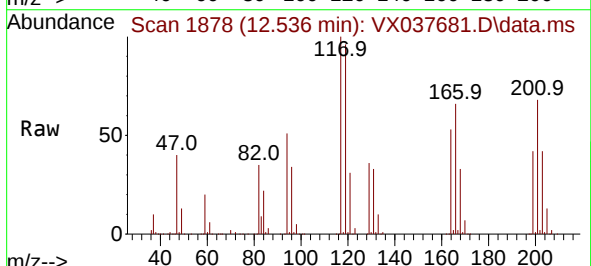
Delta R.T. -0.006 min

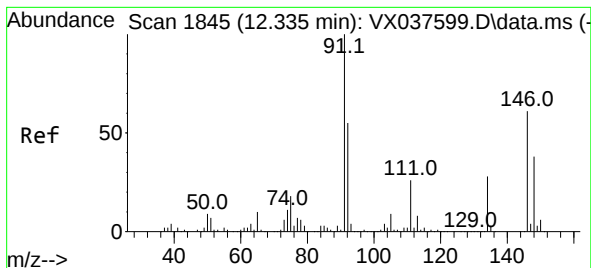
Lab File: VX037681.D

Acq: 12 Sep 2023 20:17

Tgt Ion:117 Resp: 59963

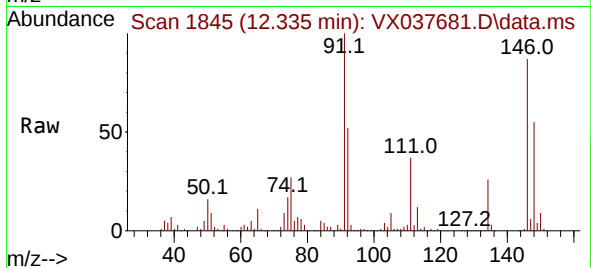
Ion	Ratio	Lower	Upper
117	100		
201	72.2	32.9	98.6





#91
1,2-Dichlorobenzene
Concen: 53.971 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17

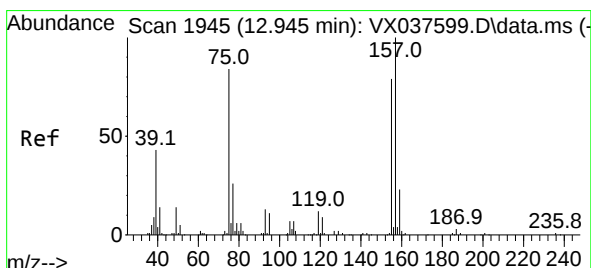
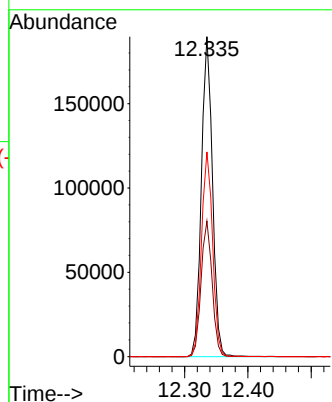
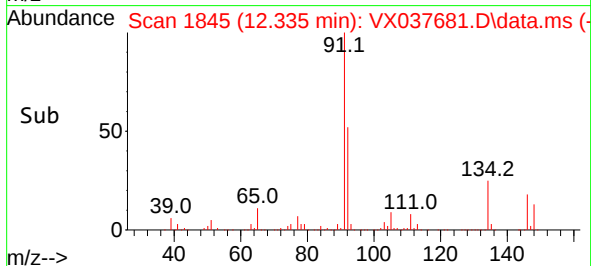
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



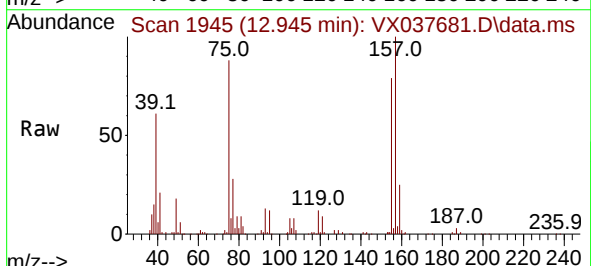
Tgt Ion:146 Resp: 231490
Ion Ratio Lower Upper
146 100
111 42.4 22.4 67.0
148 64.5 31.6 95.0

Manual Integrations
APPROVED

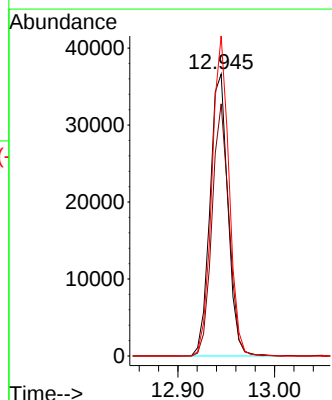
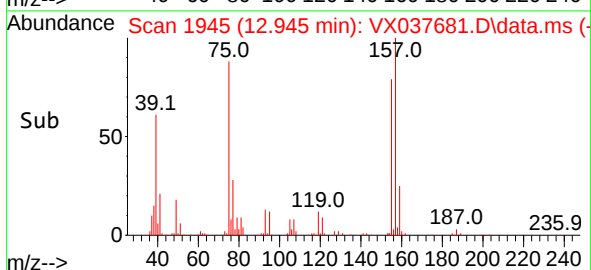
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

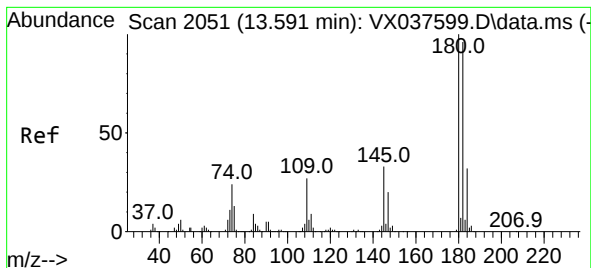


#92
1,2-Dibromo-3-Chloropropane
Concen: 64.963 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17



Tgt Ion: 75 Resp: 47031
Ion Ratio Lower Upper
75 100
155 84.6 36.1 108.5
157 108.3 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 49.667 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX037681.D

Acq: 12 Sep 2023 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

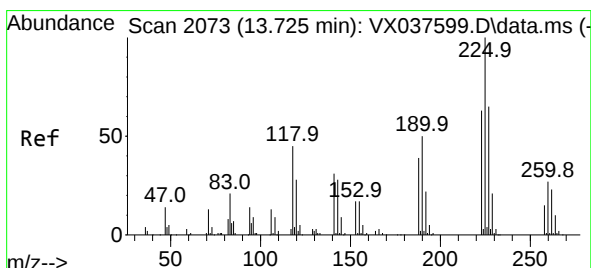
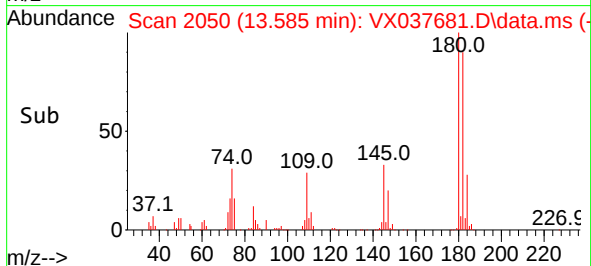
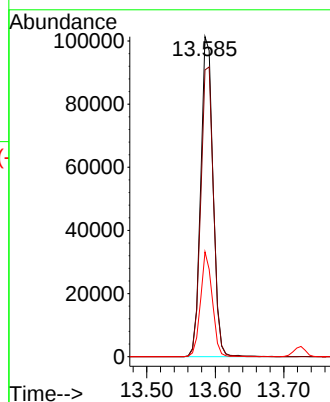
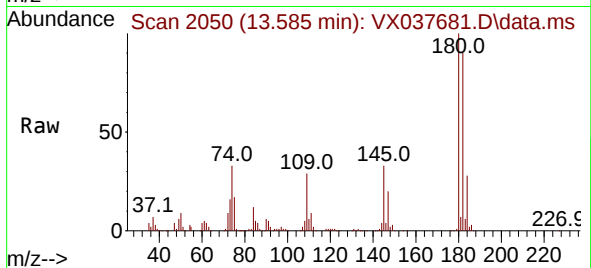
Tgt Ion:180	Resp:	126872
Ion Ratio	Lower	Upper
180	100	
182	93.4	48.3 144.8
145	31.2	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#94

Hexachlorobutadiene

Concen: 35.782 ug/l

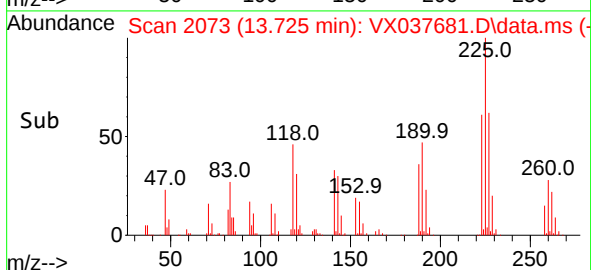
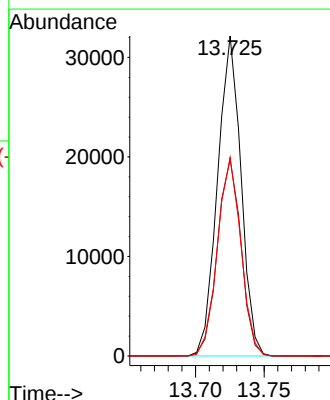
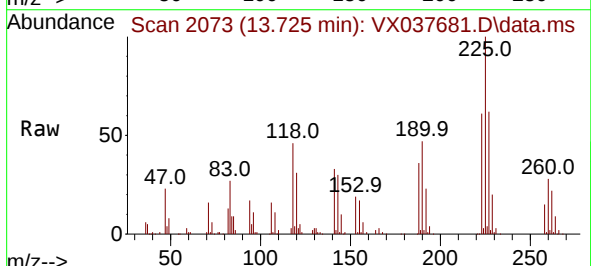
RT: 13.725 min Scan# 2073

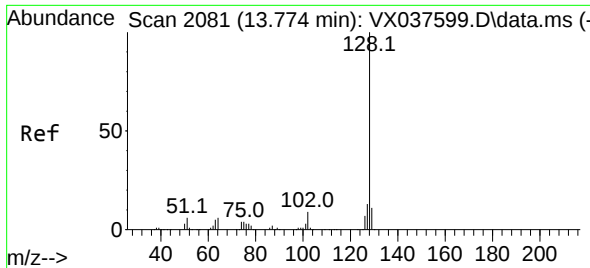
Delta R.T. -0.000 min

Lab File: VX037681.D

Acq: 12 Sep 2023 20:17

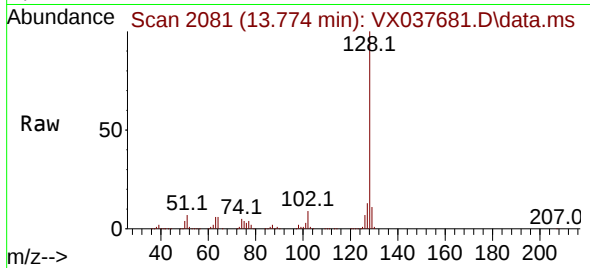
Tgt Ion:225	Resp:	38182
Ion Ratio	Lower	Upper
225	100	
223	61.9	31.1 93.2
227	62.1	32.5 97.5





#95
Naphthalene
Concen: 60.362 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17

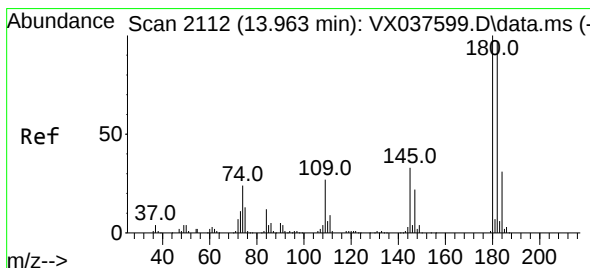
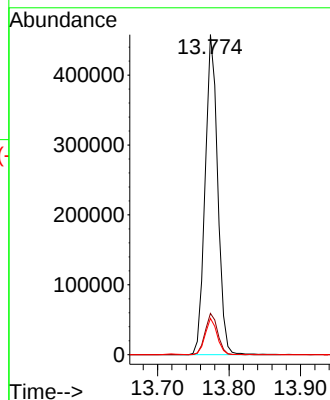
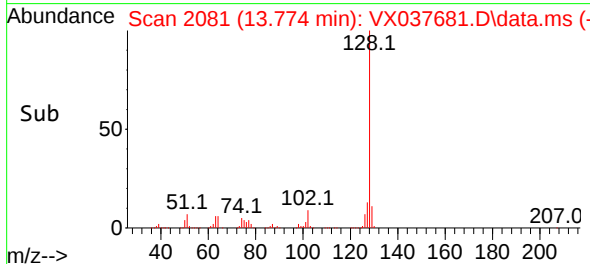
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 558549
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#96
1,2,3-Trichlorobenzene
Concen: 52.726 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX037681.D
Acq: 12 Sep 2023 20:17

Tgt Ion:180 Resp: 138192
Ion Ratio Lower Upper
180 100
182 94.9 46.9 140.6
145 33.9 17.8 53.5

