

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091123\
 Data File : VX037648.D
 Acq On : 11 Sep 2023 18:13
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/12/2023
 Supervised By : Mahesh Dadoda 09/12/2023

Quant Time: Sep 12 08:52:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 08:46:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	160688	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	284909	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	278027	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	147667	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	127918	49.203	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.400%		
35) Dibromofluoromethane	5.385	113	100127	49.581	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.160%		
50) Toluene-d8	8.653	98	383734	50.383	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.760%		
62) 4-Bromofluorobenzene	11.079	95	143668	52.286	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.580%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	88059	51.255	ug/l	99
3) Chloromethane	1.300	50	97003	48.140	ug/l	98
4) Vinyl Chloride	1.374	62	110154	49.672	ug/l	99
5) Bromomethane	1.599	94	95755	50.859	ug/l	99
6) Chloroethane	1.678	64	71815	47.506	ug/l	96
7) Trichlorofluoromethane	1.880	101	193310	52.159	ug/l	99
8) Diethyl Ether	2.136	74	75363	49.584	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.325	101	82291	49.467	ug/l	98
10) Methyl Iodide	2.447	142	101435	51.295	ug/l	95
11) Tert butyl alcohol	2.965	59	137436	255.623	ug/l #	92
12) 1,1-Dichloroethene	2.318	96	79462	48.623	ug/l	90
13) Acrolein	2.239	56	107126	253.046	ug/l	98
14) Allyl chloride	2.660	41	143030	49.183	ug/l	95
15) Acrylonitrile	3.062	53	300487	245.762	ug/l	99
16) Acetone	2.379	43	253355	235.739	ug/l	90
17) Carbon Disulfide	2.507	76	198993	47.235	ug/l	99
18) Methyl Acetate	2.703	43	219950	48.831	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	326081	49.427	ug/l	100
20) Methylene Chloride	2.788	84	103164	50.761	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	93569	48.282	ug/l	97
22) Diisopropyl ether	3.763	45	316342	49.838	ug/l	88
23) Vinyl Acetate	3.721	43	1205659	258.894	ug/l	97
24) 1,1-Dichloroethane	3.611	63	181052	48.756	ug/l	99
25) 2-Butanone	4.556	43	423866	245.641	ug/l	94
26) 2,2-Dichloropropane	4.477	77	131812	51.264	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	114126	49.246	ug/l	93
28) Bromochloromethane	4.903	49	92802	49.285	ug/l	92
29) Tetrahydrofuran	5.007	42	272526	245.562	ug/l	91
30) Chloroform	5.092	83	199406	49.528	ug/l	97
31) Cyclohexane	5.470	56	151253	50.523	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	169359	50.081	ug/l	99
36) 1,1-Dichloropropene	5.696	75	136572	49.040	ug/l	99
37) Ethyl Acetate	4.714	43	165375	51.412	ug/l	98
38) Carbon Tetrachloride	5.678	117	142200	51.126	ug/l	99
39) Methylcyclohexane	7.379	83	164964	50.362	ug/l	93
40) Benzene	6.037	78	420664	49.677	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	87559	51.314	ug/l	93
42) 1,2-Dichloroethane	6.086	62	163937	49.960	ug/l	99
43) Isopropyl Acetate	6.342	43	261819	51.569	ug/l	97
44) Trichloroethene	7.129	130	102289	49.493	ug/l	99
45) 1,2-Dichloropropane	7.433	63	112013	50.412	ug/l	99
46) Dibromomethane	7.580	93	80083	49.401	ug/l	98
47) Bromodichloromethane	7.824	83	151093	52.003	ug/l	96
48) Methyl methacrylate	7.696	41	126730	51.109	ug/l	88
49) 1,4-Dioxane	7.659	88	62938	1019.054	ug/l #	91
51) 4-Methyl-2-Pentanone	8.573	43	878745	262.508	ug/l	97
52) Toluene	8.720	92	272447	50.847	ug/l	95
53) t-1,3-Dichloropropene	8.982	75	159522	54.424	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	171068	53.413	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	117531	51.012	ug/l	95
56) Ethyl methacrylate	9.116	69	182911	52.827	ug/l	94
57) 1,3-Dichloropropane	9.311	76	191781	50.002	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	415989	248.923	ug/l	98
59) 2-Hexanone	9.433	43	695736	270.963	ug/l	95
60) Dibromochloromethane	9.525	129	118580	53.024	ug/l	100
61) 1,2-Dibromoethane	9.610	107	125783	51.773	ug/l	99
64) Tetrachloroethene	9.275	164	85926	48.246	ug/l	99
65) Chlorobenzene	10.079	112	295508	49.303	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	105832	50.595	ug/l	97
67) Ethyl Benzene	10.195	91	537771	50.454	ug/l	99
68) m/p-Xylenes	10.305	106	414993	102.182	ug/l	99
69) o-Xylene	10.640	106	204758	50.844	ug/l	99
70) Styrene	10.658	104	347810	52.349	ug/l	97
71) Bromoform	10.799	173	87391	54.654	ug/l #	100
73) Isopropylbenzene	10.963	105	538168	48.428	ug/l	99
74) N-amyl acetate	10.841	43	248991	50.969	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	204967	48.647	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	160365m	48.916	ug/l	
77) Bromobenzene	11.201	156	128634	48.232	ug/l	93
78) n-propylbenzene	11.305	91	638099	49.751	ug/l	99
79) 2-Chlorotoluene	11.366	91	383212	48.584	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	467167	49.765	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	56323	52.737	ug/l	94
82) 4-Chlorotoluene	11.457	91	439232	48.927	ug/l	97
83) tert-Butylbenzene	11.713	119	470881	50.307	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	474251	50.300	ug/l	98
85) sec-Butylbenzene	11.890	105	584740	50.402	ug/l	100
86) p-Isopropyltoluene	12.012	119	486143	50.886	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	247264	48.797	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	250169	48.244	ug/l	99
89) n-Butylbenzene	12.335	91	442369	51.726	ug/l	97
90) Hexachloroethane	12.536	117	83595	51.756	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	252080	48.921	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	44206	49.955	ug/l	87
93) 1,2,4-Trichlorobenzene	13.585	180	147335	49.228	ug/l	96
94) Hexachlorobutadiene	13.725	225	63379	48.861	ug/l	98
95) Naphthalene	13.774	128	555497	51.274	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	149027	48.286	ug/l	98

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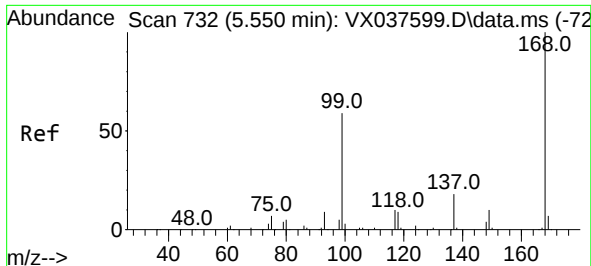
Manual Integrations
APPROVED

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Response via : Initial Calibration

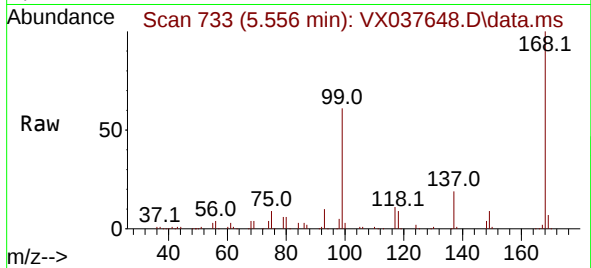
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
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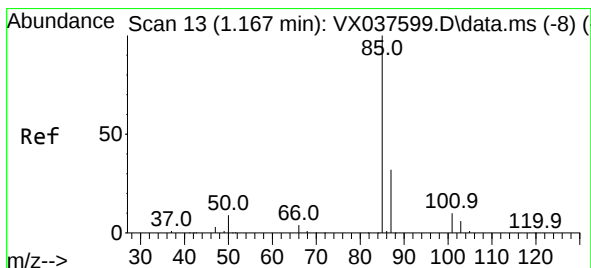
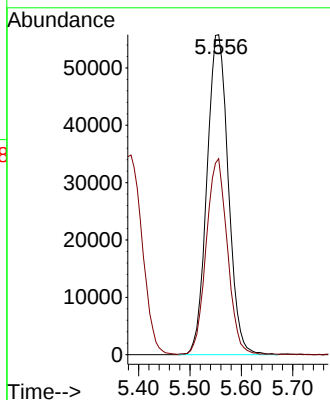
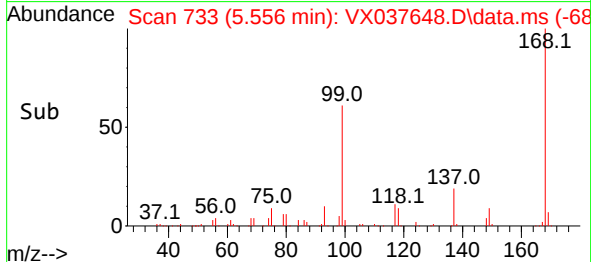
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 160688
Ion Ratio Lower Upper
168 100
99 61.1 56.6 85.0

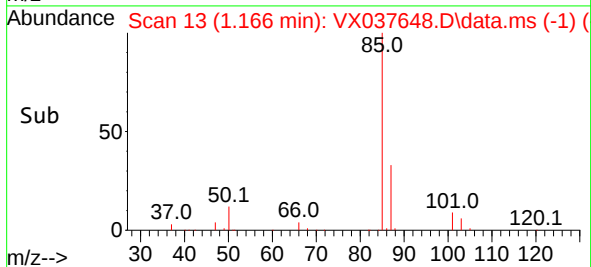
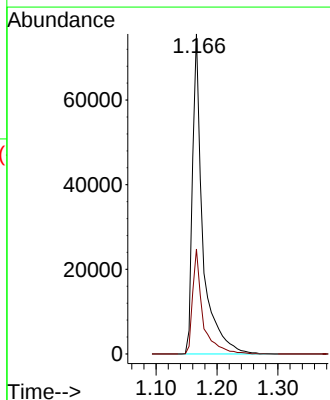
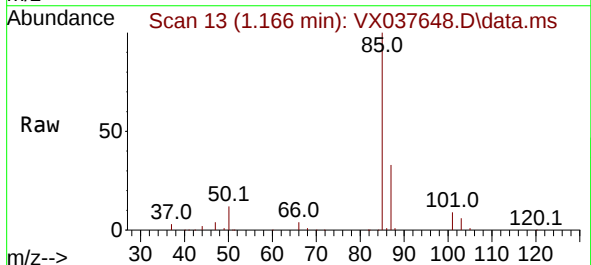
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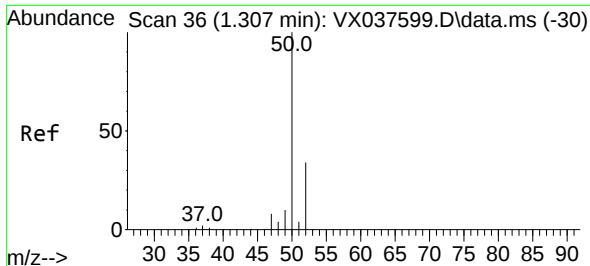
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#2
Dichlorodifluoromethane
Concen: 51.255 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13

Tgt Ion: 85 Resp: 88059
Ion Ratio Lower Upper
85 100
87 32.8 16.7 50.1





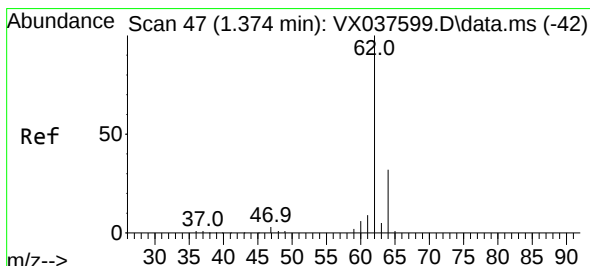
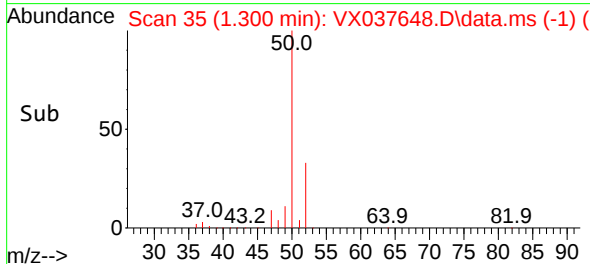
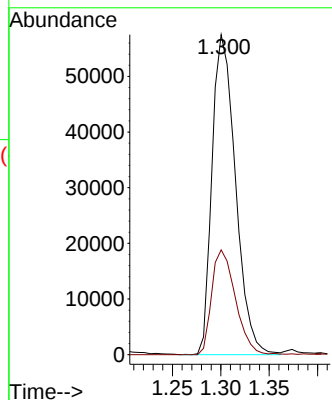
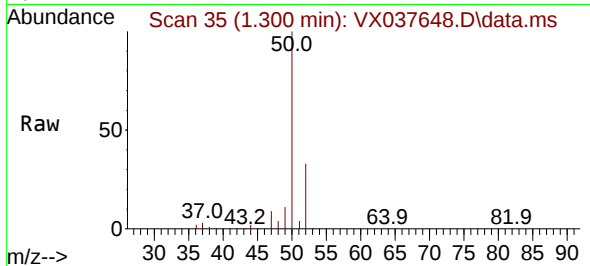
#3
Chloromethane
Concen: 48.140 ug/l
RT: 1.300 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13

Instrument :
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ClientSampleId :
VSTDICCC050

Tgt Ion: 50 Resp: 9700
Ion Ratio Lower Upper
50 100
52 32.7 25.5 38.3

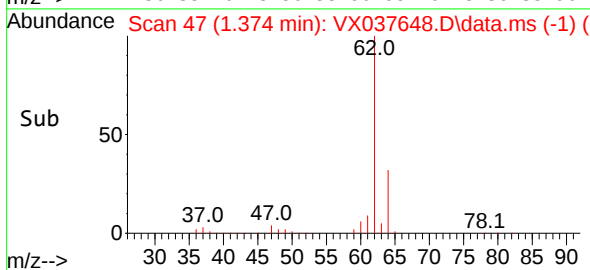
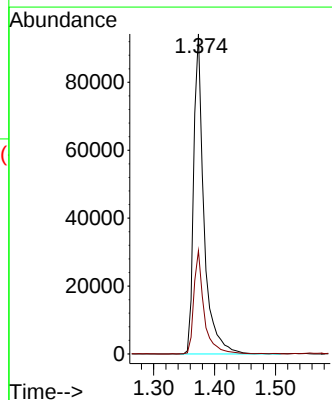
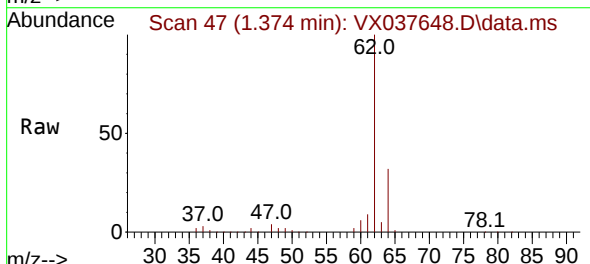
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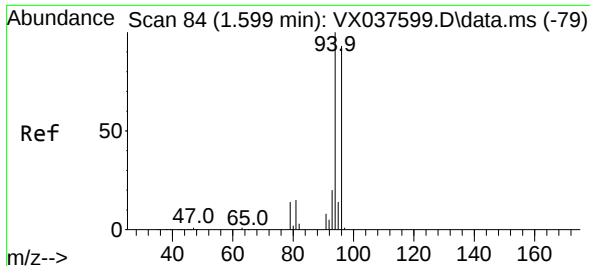
Reviewed By :John Carlone 09/12/2023
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#4
Vinyl Chloride
Concen: 49.672 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13

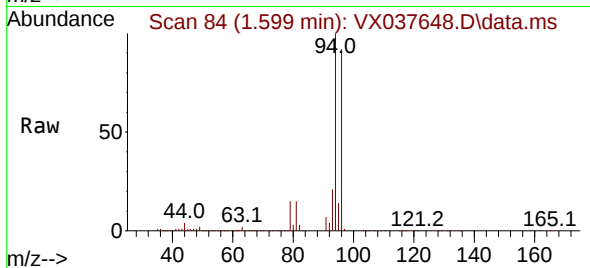
Tgt Ion: 62 Resp: 110154
Ion Ratio Lower Upper
62 100
64 32.2 25.4 38.0





#5
Bromomethane
Concen: 50.859 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX037648.D
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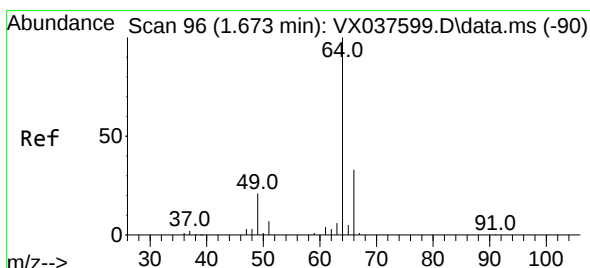
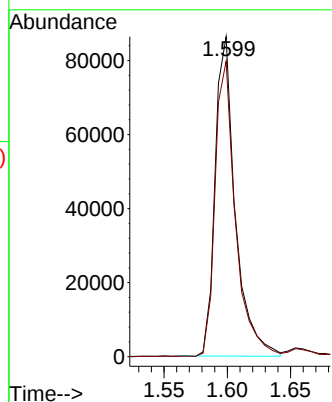
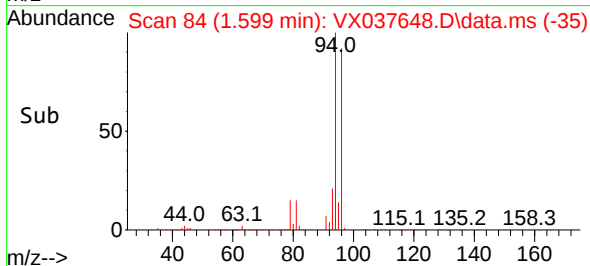
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Tgt Ion: 94 Resp: 9575
Ion Ratio Lower Upper
94 100
96 92.4 74.6 111.8

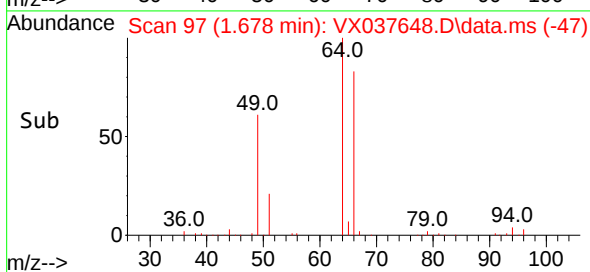
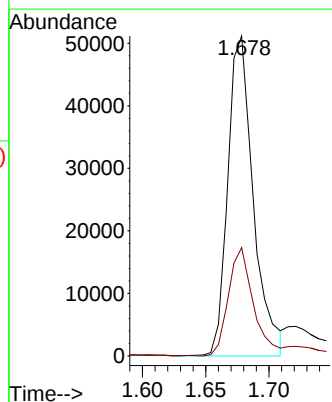
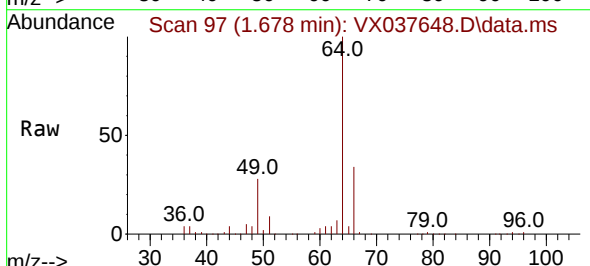
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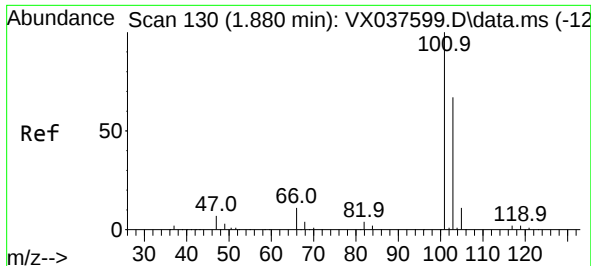
Reviewed By :John Carlone 09/12/2023
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#6
Chloroethane
Concen: 47.506 ug/l
RT: 1.678 min Scan# 97
Delta R.T. 0.005 min
Lab File: VX037648.D
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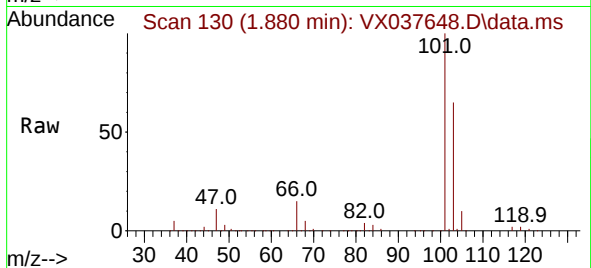
Tgt Ion: 64 Resp: 71815
Ion Ratio Lower Upper
64 100
66 33.7 25.1 37.7





#7
Trichlorofluoromethane
Concen: 52.159 ug/l
RT: 1.880 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037648.D
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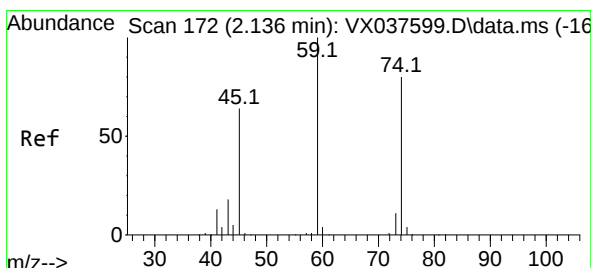
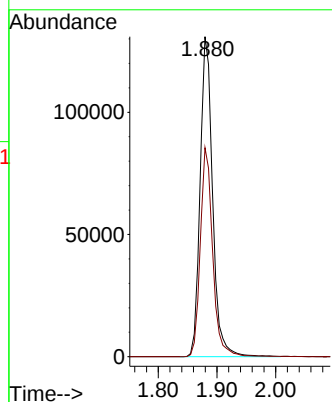
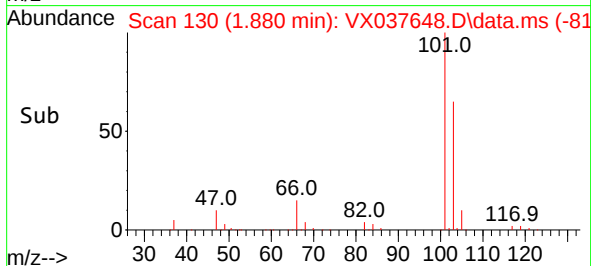
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:101 Resp: 193310
Ion Ratio Lower Upper
101 100
103 65.3 51.4 77.2

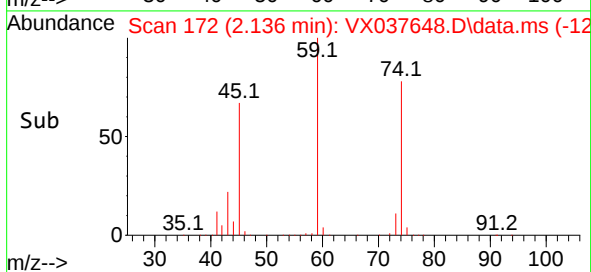
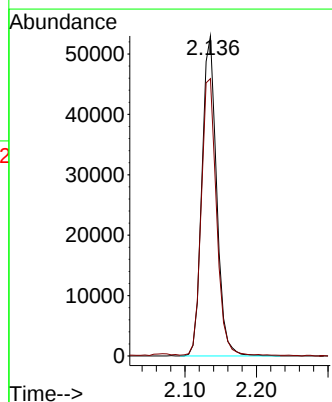
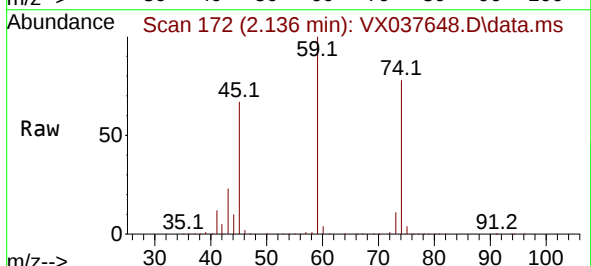
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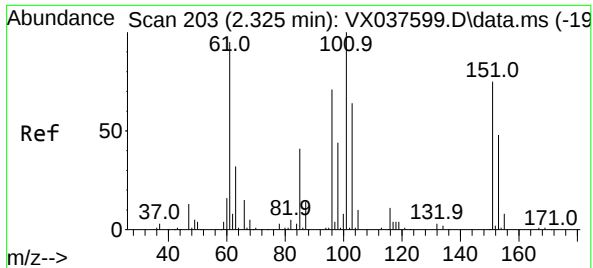
Reviewed By :John Carlone 09/12/2023
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#8
Diethyl Ether
Concen: 49.584 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13

Tgt Ion: 74 Resp: 75363
Ion Ratio Lower Upper
74 100
45 89.1 53.3 159.8





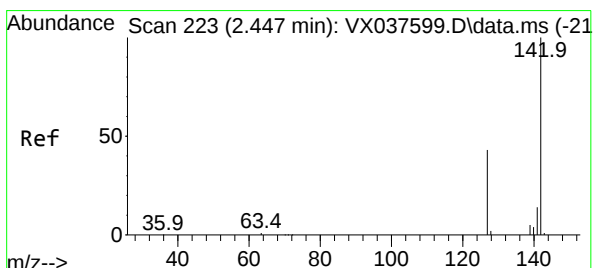
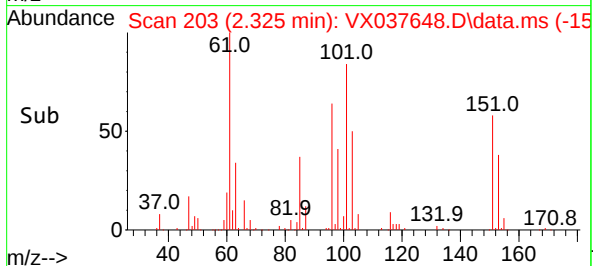
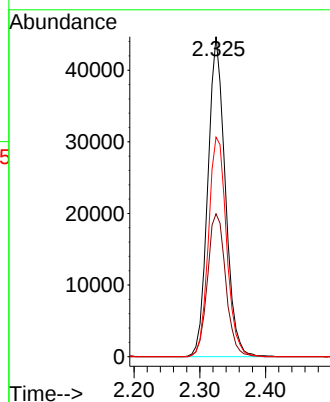
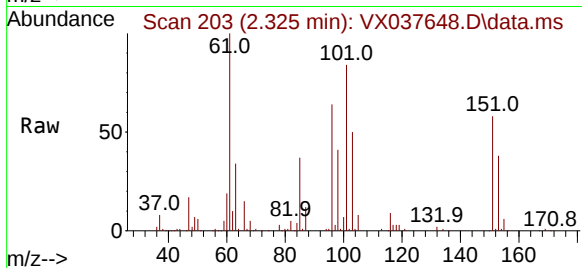
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.467 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 8229
Ion Ratio Lower Upper
101 100
85 46.9 37.0 55.6
151 71.2 58.6 87.8

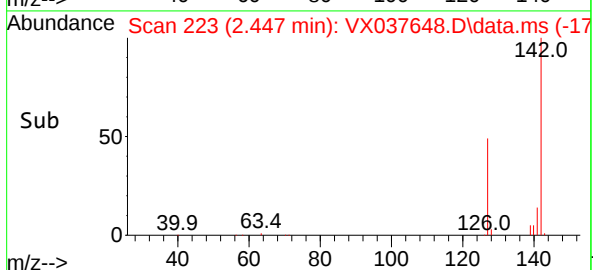
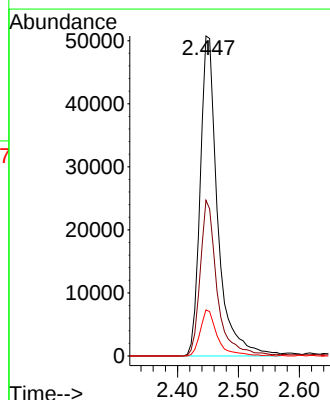
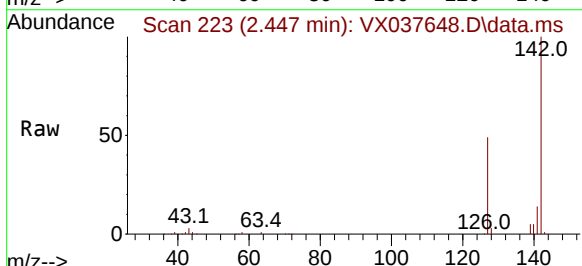
Manual Integrations
APPROVED

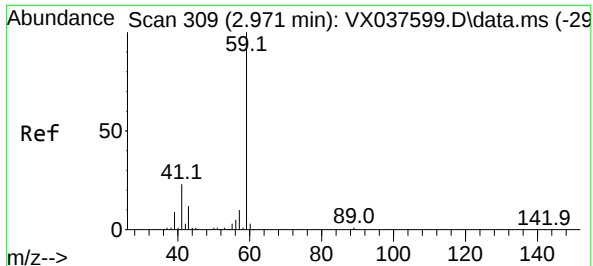
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#10
Methyl Iodide
Concen: 51.295 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13

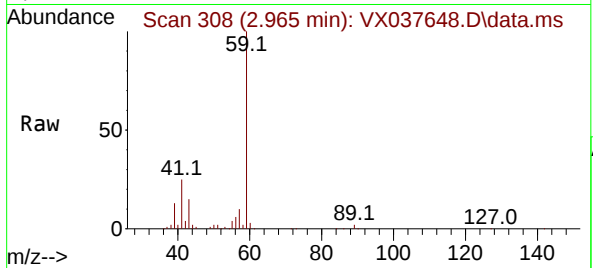
Tgt Ion:142 Resp: 101435
Ion Ratio Lower Upper
142 100
127 47.5 41.6 62.4
141 14.1 11.6 17.4





#11
Tert butyl alcohol
Concen: 255.623 ug/l
RT: 2.965 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13

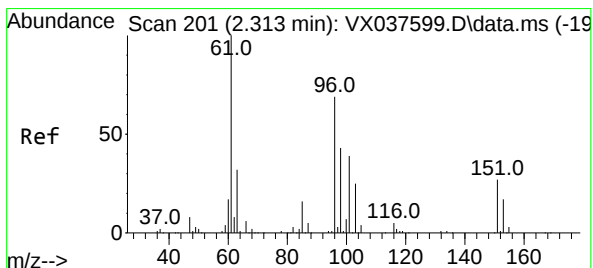
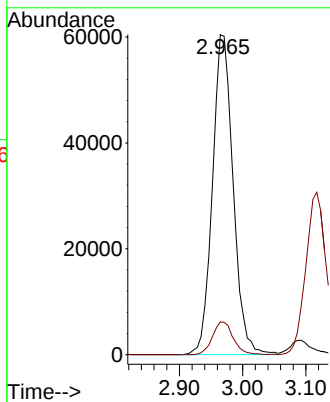
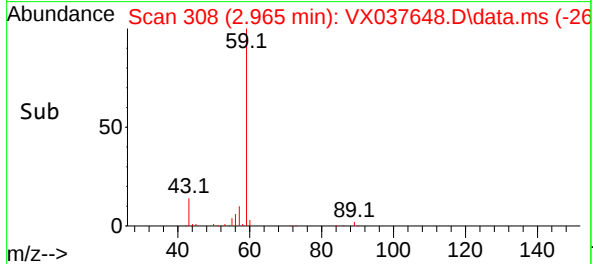
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 59 Resp: 137430
Ion Ratio Lower Upper
59 100
57 10.3 6.0 9.0

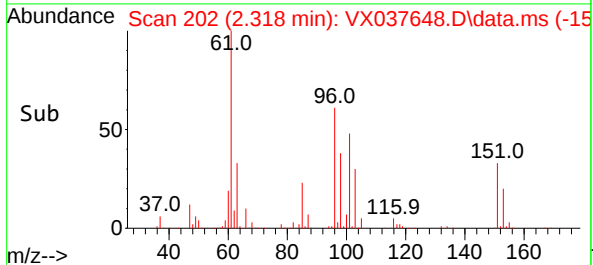
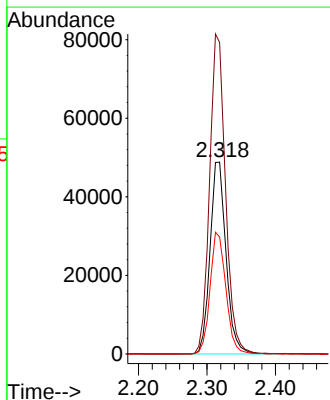
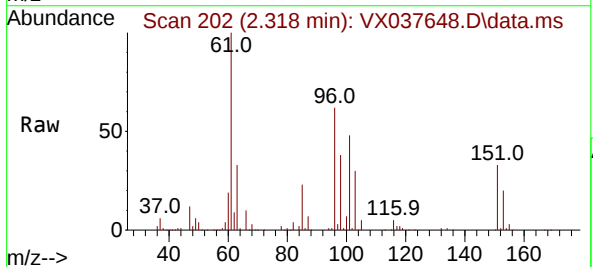
Manual Integrations
APPROVED

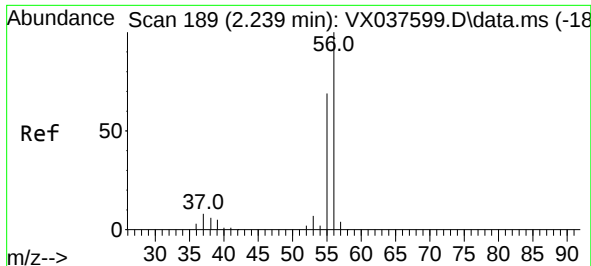
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#12
1,1-Dichloroethene
Concen: 48.623 ug/l
RT: 2.318 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13

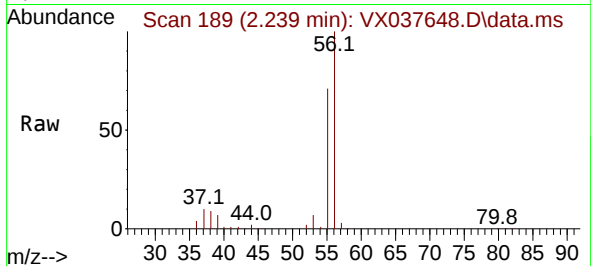
Tgt Ion: 96 Resp: 79462
Ion Ratio Lower Upper
96 100
61 162.4 144.6 216.8
98 61.0 50.4 75.6





#13
Acrolein
Concen: 253.046 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13

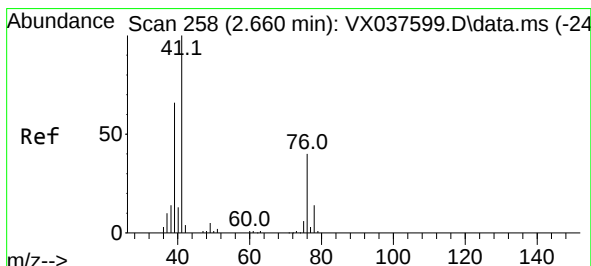
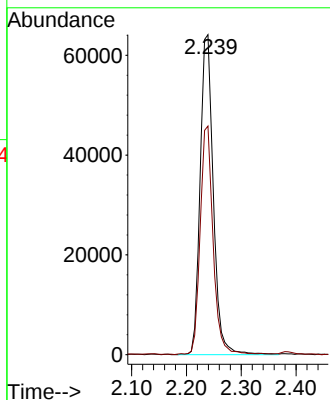
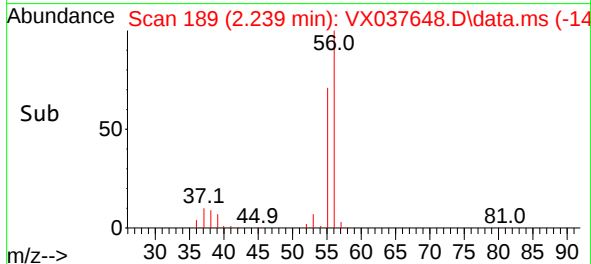
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 107120
Ion Ratio Lower Upper
56 100
55 69.8 57.1 85.7

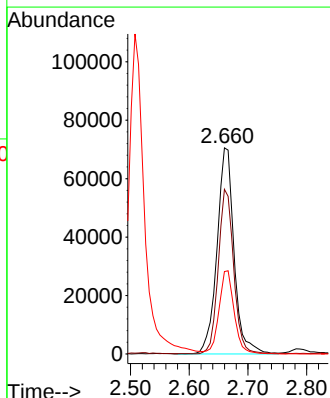
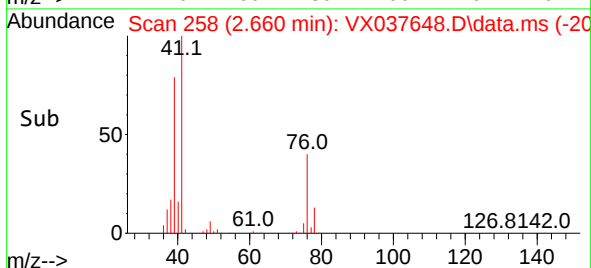
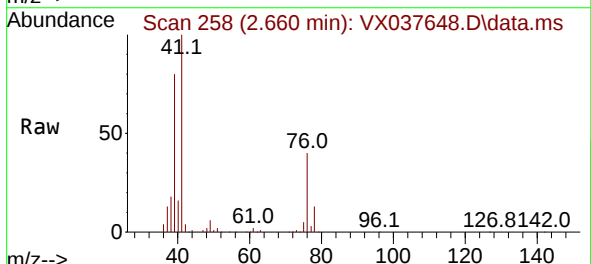
Manual Integrations
APPROVED

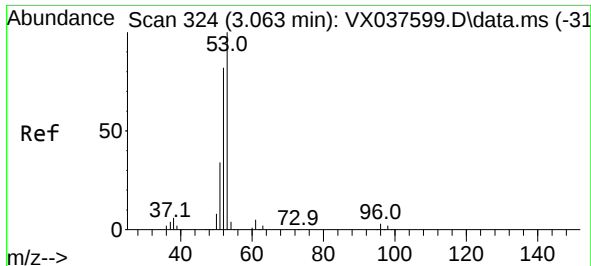
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#14
Allyl chloride
Concen: 49.183 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13

Tgt Ion: 41 Resp: 143030
Ion Ratio Lower Upper
41 100
39 71.7 55.8 83.6
76 35.7 24.3 36.5





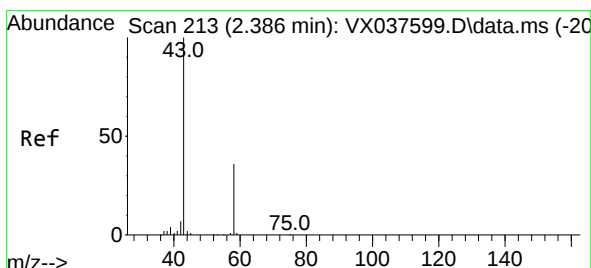
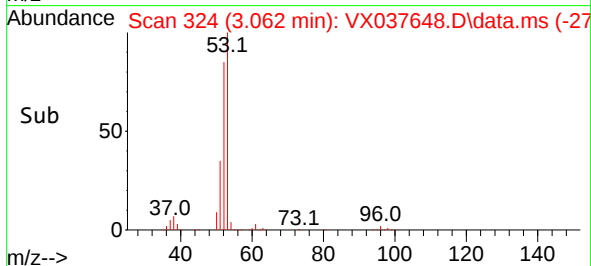
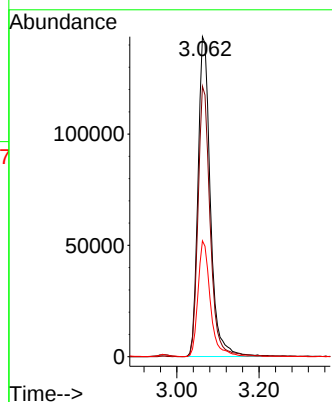
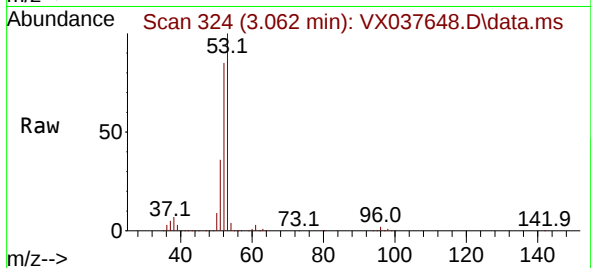
#15
Acrylonitrile
Concen: 245.762 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 53 Resp: 30048
Ion Ratio Lower Upper
53 100
52 83.1 66.0 99.0
51 36.3 29.8 44.6

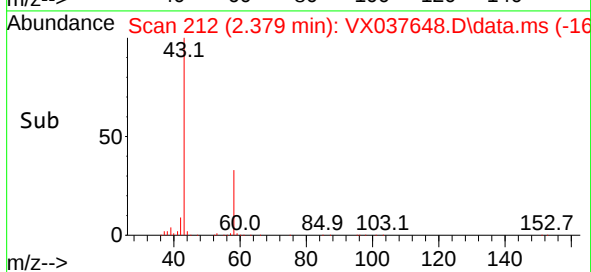
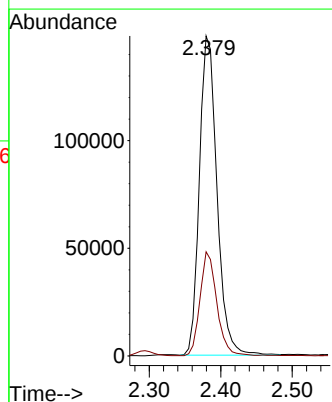
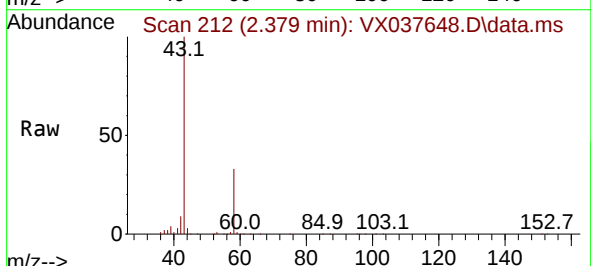
Manual Integrations
APPROVED

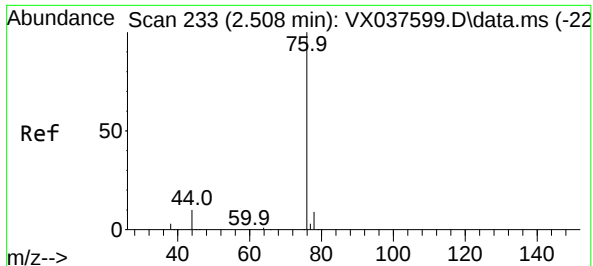
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#16
Acetone
Concen: 235.739 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13

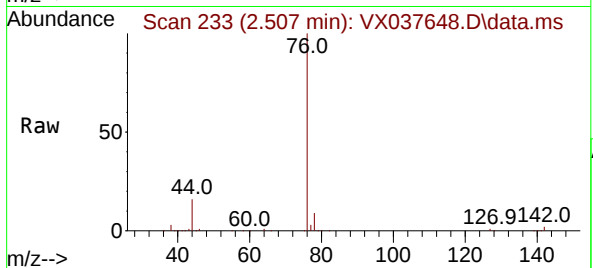
Tgt Ion: 43 Resp: 253355
Ion Ratio Lower Upper
43 100
58 32.6 21.9 32.9





#17
Carbon Disulfide
Concen: 47.235 ug/l
RT: 2.507 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13

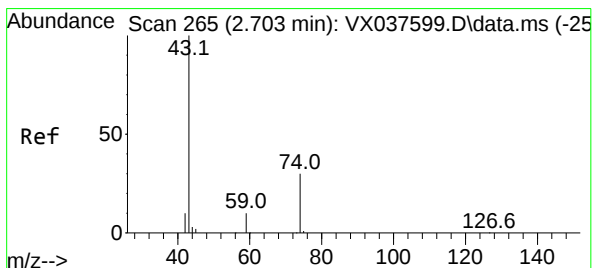
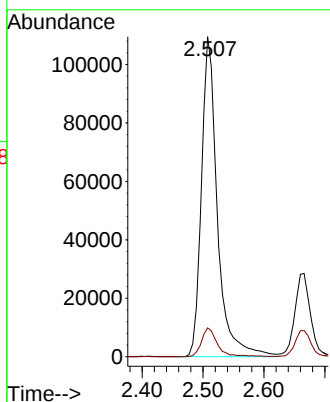
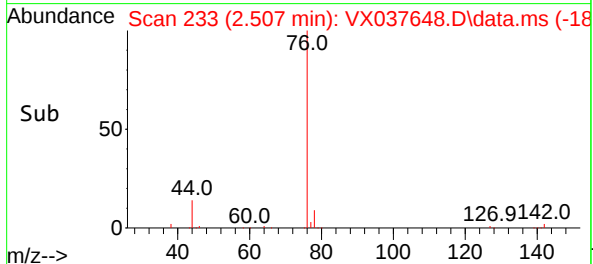
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 198993
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6

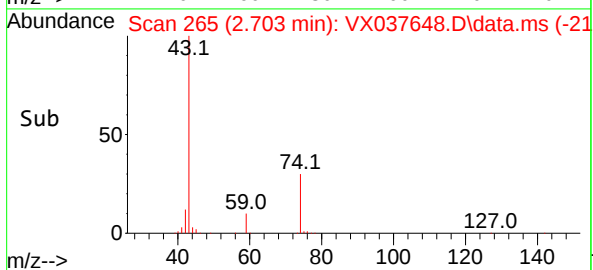
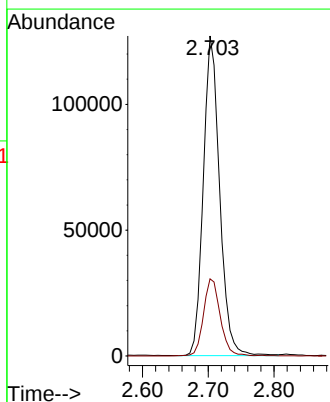
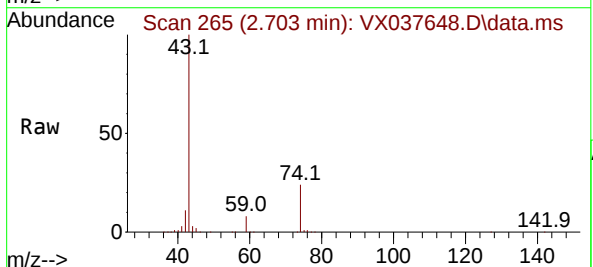
Manual Integrations
APPROVED

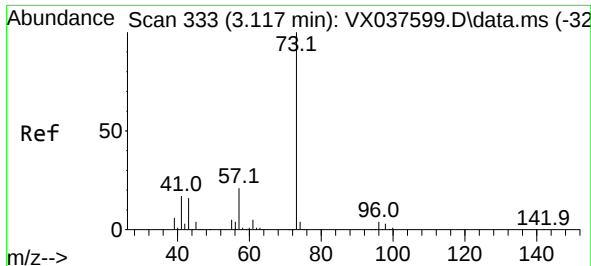
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#18
Methyl Acetate
Concen: 48.831 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13

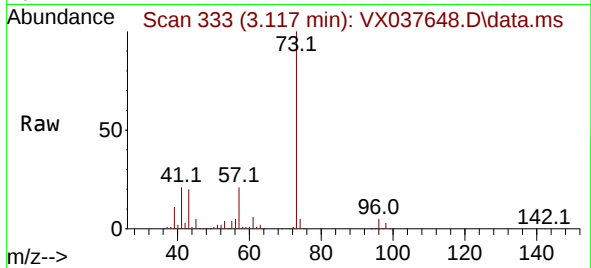
Tgt Ion: 43 Resp: 219950
Ion Ratio Lower Upper
43 100
74 24.7 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 49.427 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13

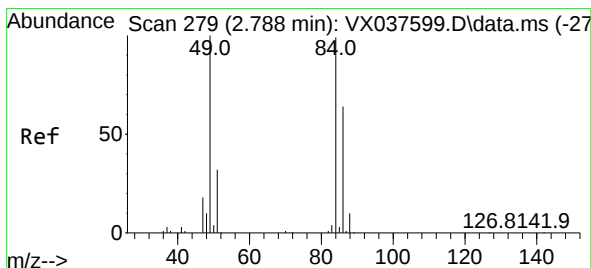
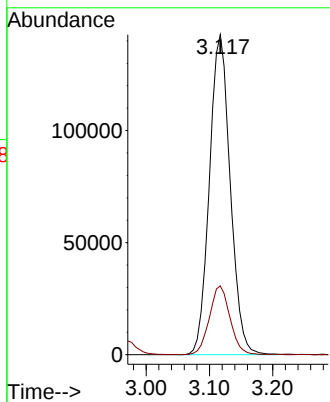
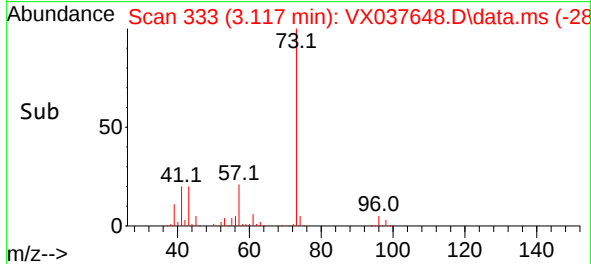
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 73 Resp: 32608
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9

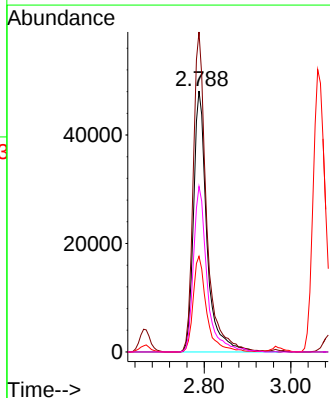
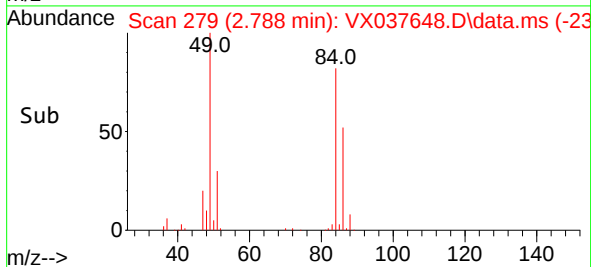
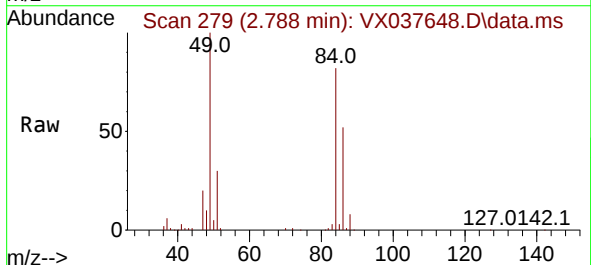
Manual Integrations
APPROVED

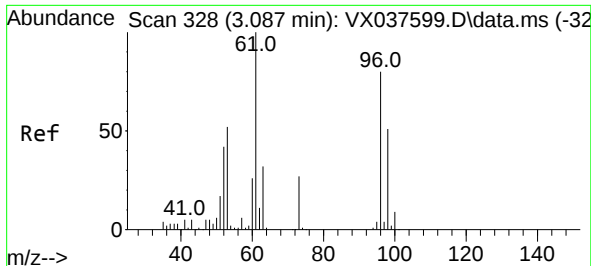
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#20
Methylene Chloride
Concen: 50.761 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13

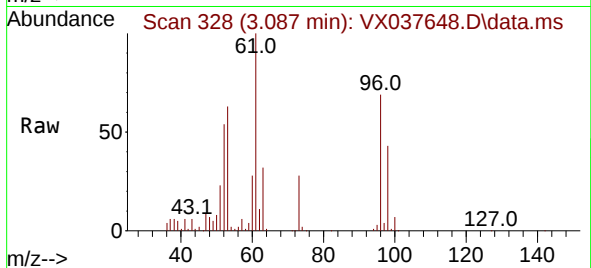
Tgt Ion: 84 Resp: 103164
Ion Ratio Lower Upper
84 100
49 122.6 103.6 155.4
51 36.7 33.8 50.6
86 63.5 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 48.282 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13

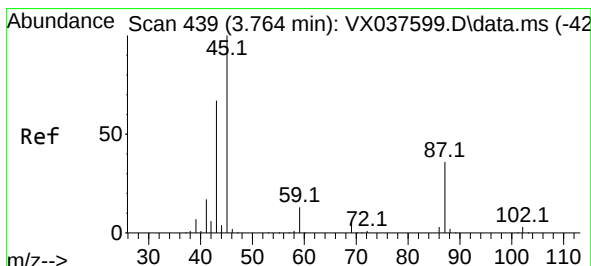
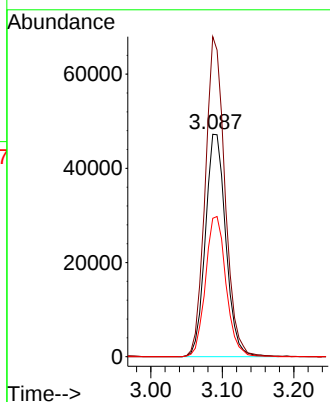
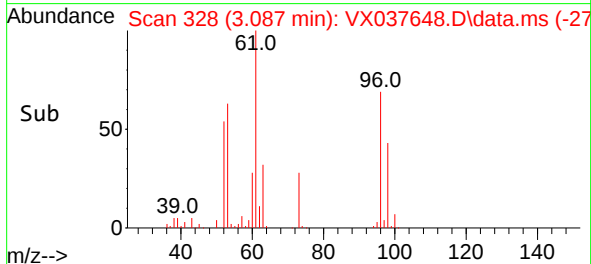
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 93569
Ion Ratio Lower Upper
96 100
61 143.9 119.2 178.8
98 62.2 48.7 73.1

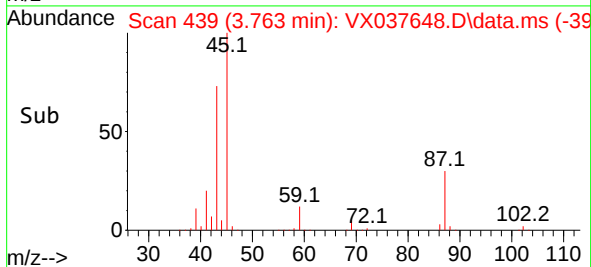
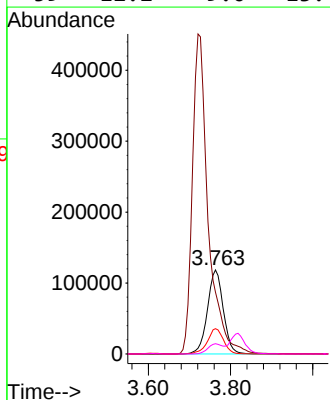
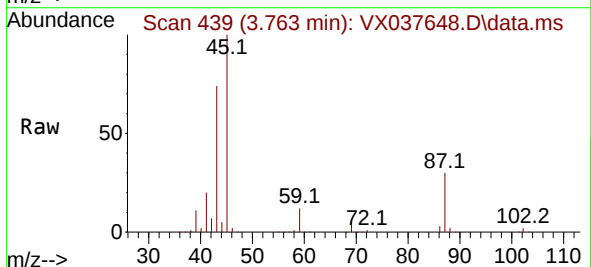
Manual Integrations
APPROVED

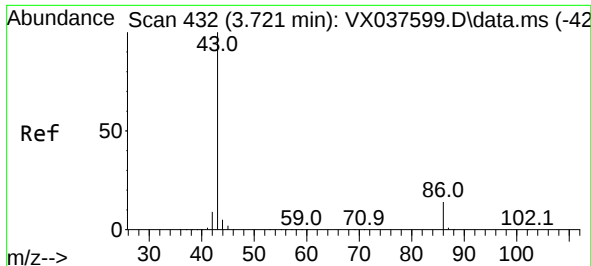
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#22
Diisopropyl ether
Concen: 49.838 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13

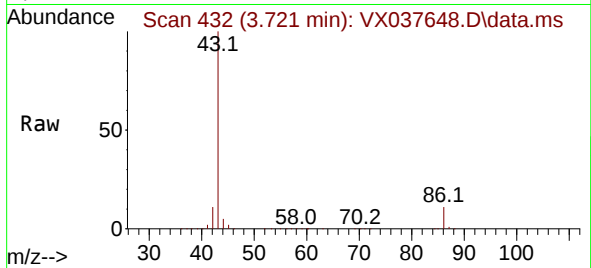
Tgt Ion: 45 Resp: 316342
Ion Ratio Lower Upper
45 100
43 73.4 69.7 104.5
87 30.0 20.8 31.2
59 12.2 9.0 13.4





#23
 Vinyl Acetate
 Concen: 258.894 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX037648.D
 Acq: 11 Sep 2023 18:13

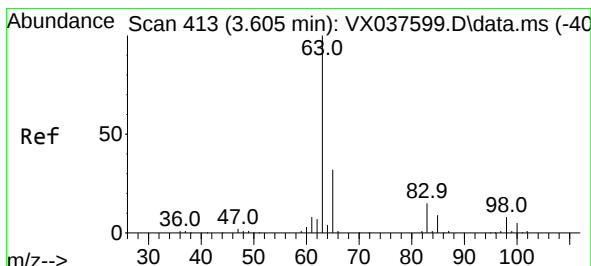
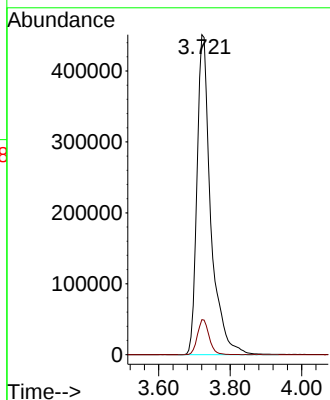
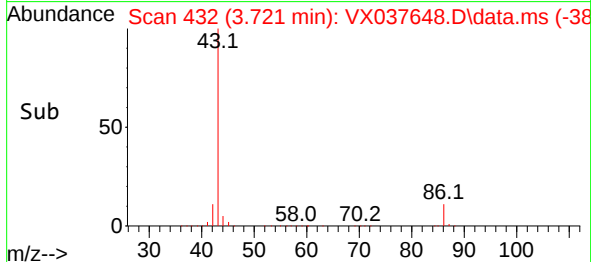
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050



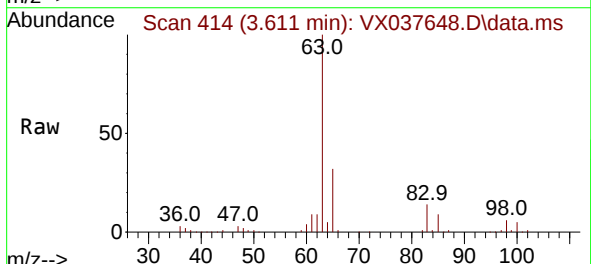
Tgt Ion: 43 Resp: 120565
 Ion Ratio Lower Upper
 43 100
 86 11.0 7.8 11.8

Manual Integrations
 APPROVED

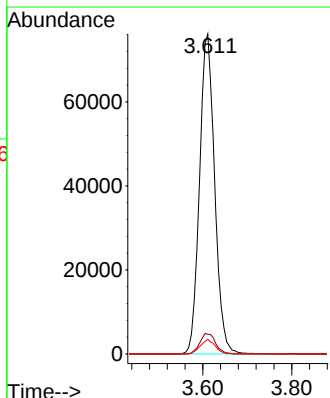
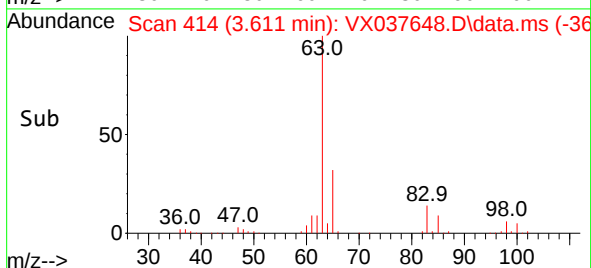
Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/12/2023

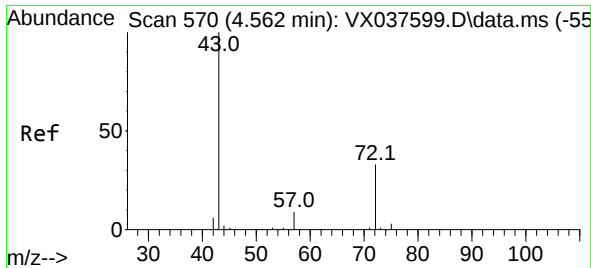


#24
 1,1-Dichloroethane
 Concen: 48.756 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX037648.D
 Acq: 11 Sep 2023 18:13



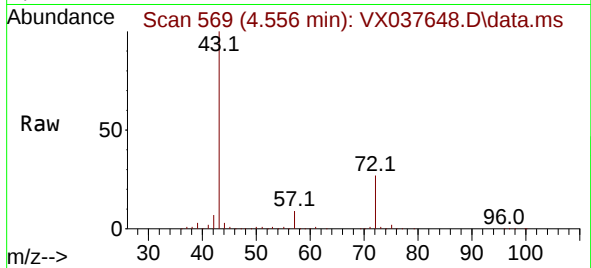
Tgt Ion: 63 Resp: 181052
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.3 9.8
 100 4.6 2.1 6.5





#25
2-Butanone
Concen: 245.641 ug/l
RT: 4.556 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13

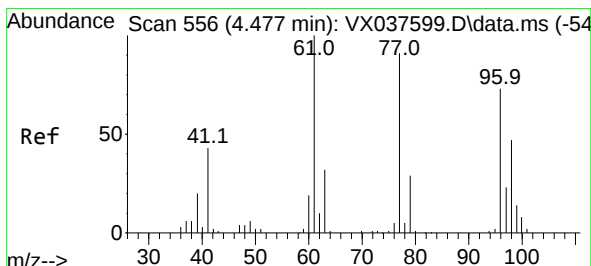
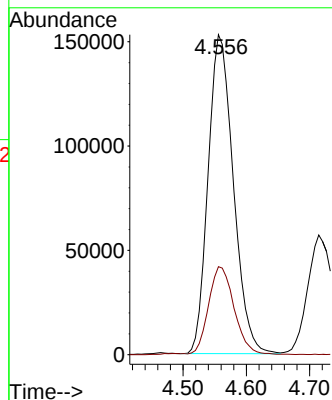
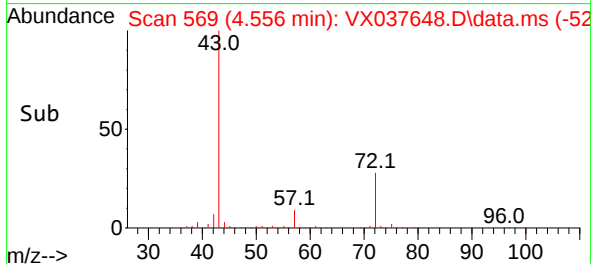
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 423860
Ion Ratio Lower Upper
43 100
72 27.4 19.4 29.2

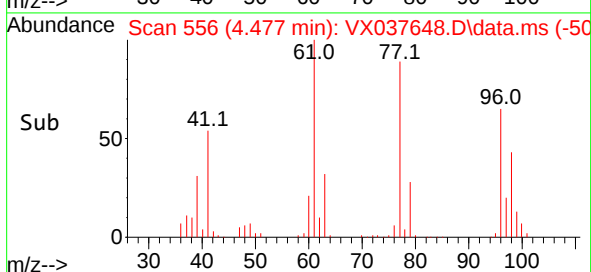
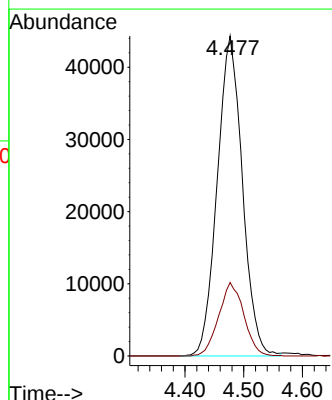
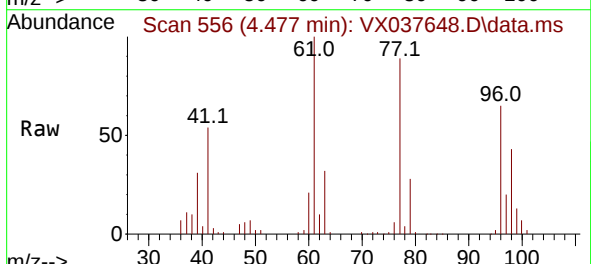
Manual Integrations
APPROVED

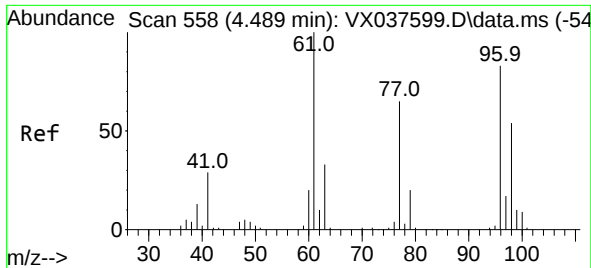
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#26
2,2-Dichloropropane
Concen: 51.264 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13

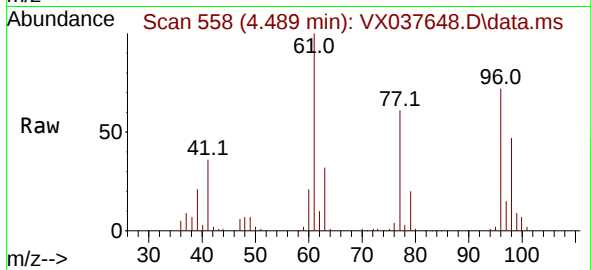
Tgt Ion: 77 Resp: 131812
Ion Ratio Lower Upper
77 100
97 23.0 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 49.246 ug/l
 RT: 4.489 min Scan# 558
 Delta R.T. -0.000 min
 Lab File: VX037648.D
 Acq: 11 Sep 2023 18:13

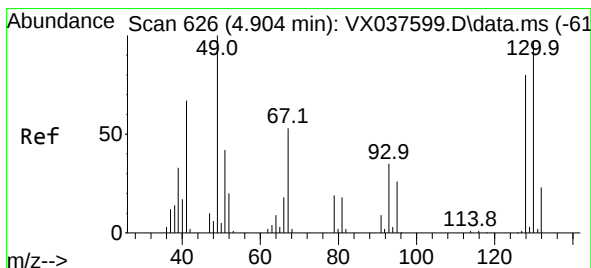
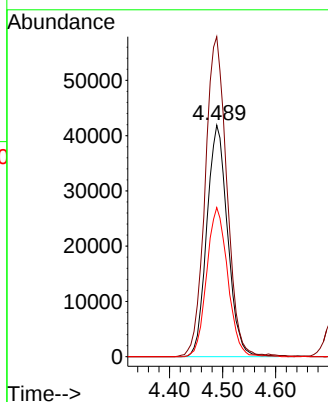
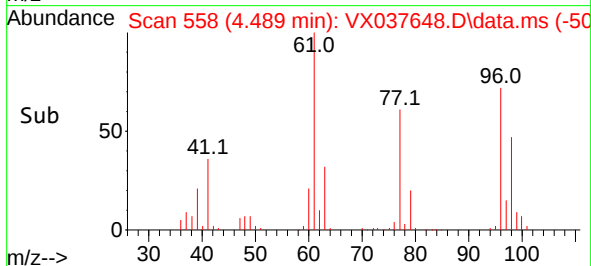
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 96 Resp: 114120
 Ion Ratio Lower Upper
 96 100
 61 143.7 0.0 312.2
 98 65.2 0.0 129.0

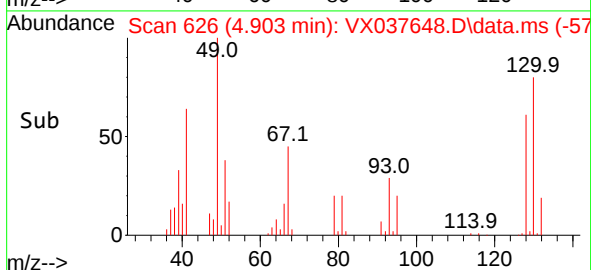
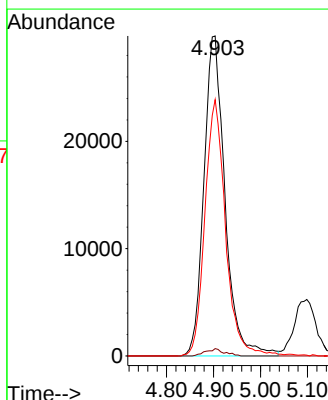
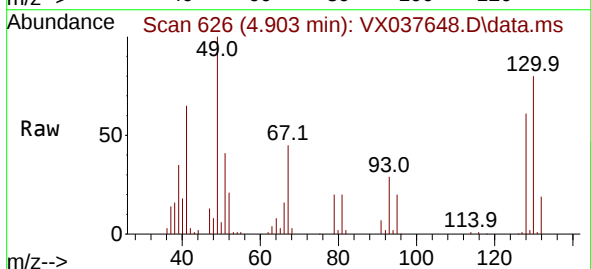
Manual Integrations
 APPROVED

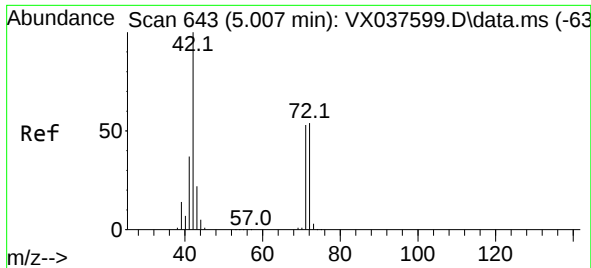
Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/12/2023



#28
 Bromochloromethane
 Concen: 49.285 ug/l
 RT: 4.903 min Scan# 626
 Delta R.T. -0.000 min
 Lab File: VX037648.D
 Acq: 11 Sep 2023 18:13

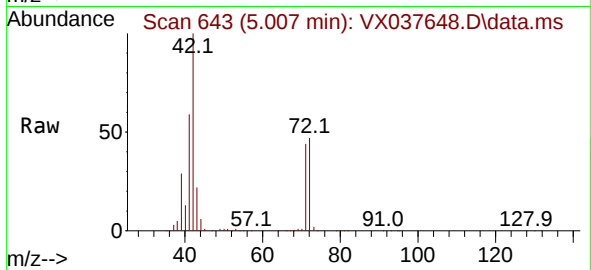
Tgt Ion: 49 Resp: 92802
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 78.4 57.5 86.3





#29
Tetrahydrofuran
Concen: 245.562 ug/l
RT: 5.007 min Scan# 643
Delta R.T. -0.000 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13

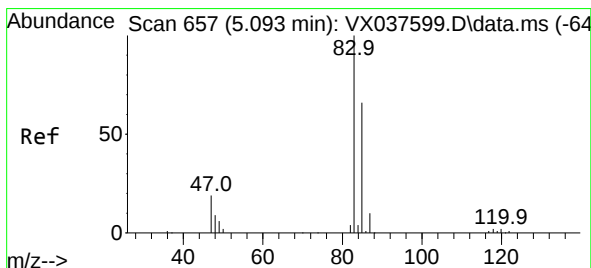
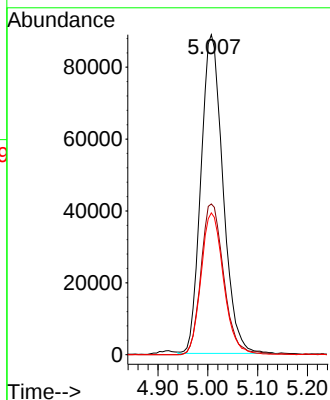
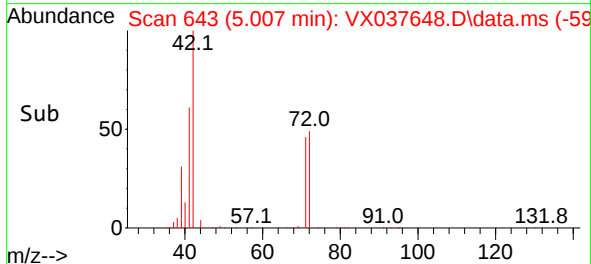
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 42 Resp: 272520
Ion Ratio Lower Upper
42 100
72 49.2 34.2 51.4
71 45.5 32.2 48.2

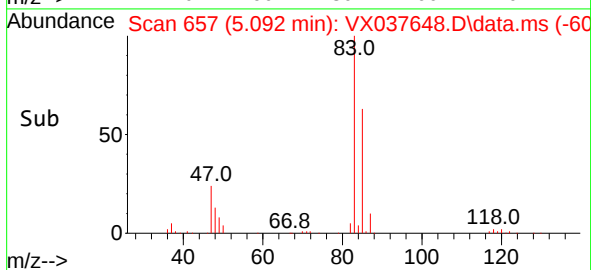
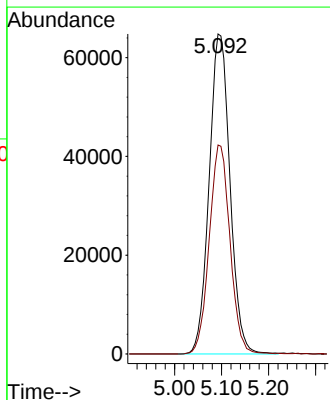
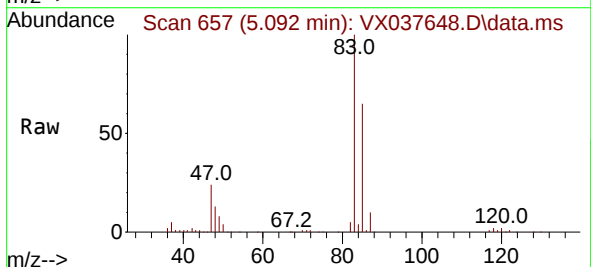
Manual Integrations
APPROVED

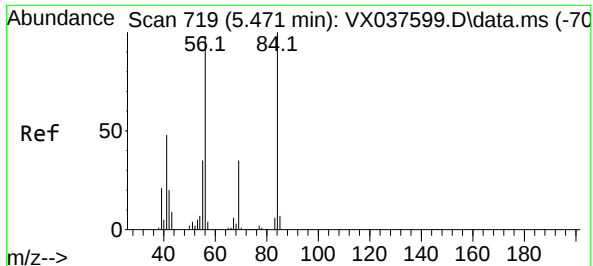
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#30
Chloroform
Concen: 49.528 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13

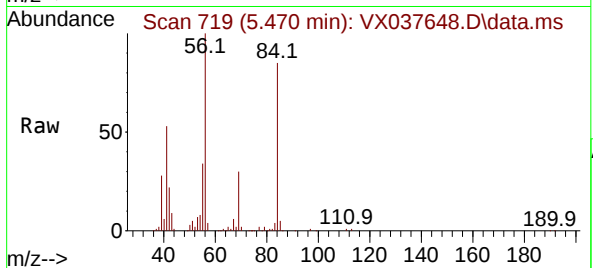
Tgt Ion: 83 Resp: 199406
Ion Ratio Lower Upper
83 100
85 65.3 50.3 75.5





#31
Cyclohexane
Concen: 50.523 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13

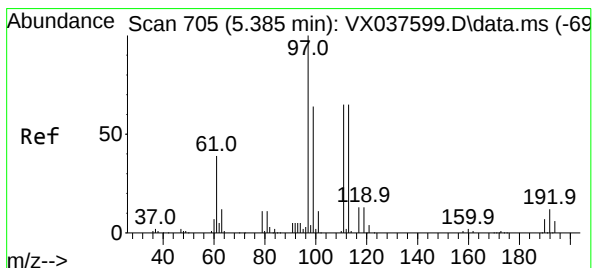
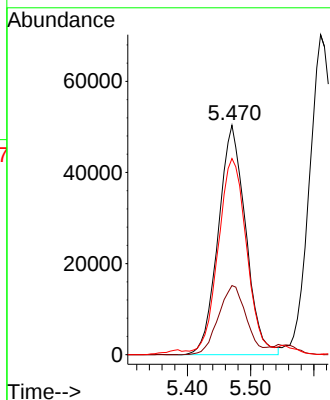
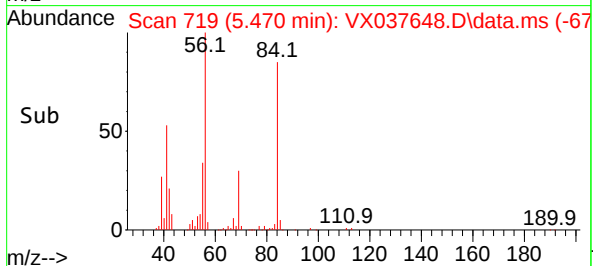
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



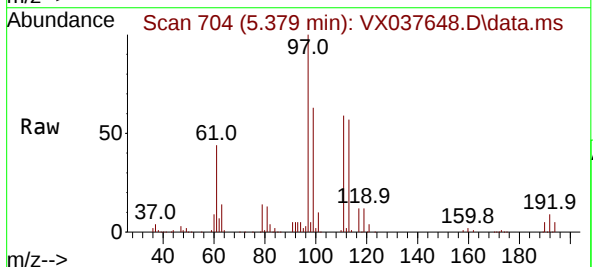
Tgt Ion: 56 Resp: 15125
Ion Ratio Lower Upper
56 100
69 30.1 23.4 35.2
84 83.3 65.9 98.9

Manual Integrations
APPROVED

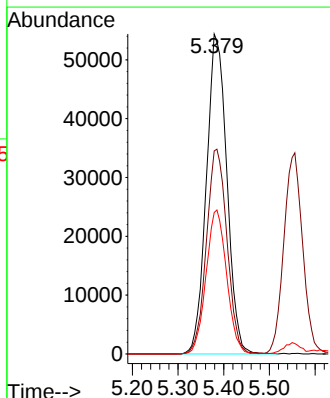
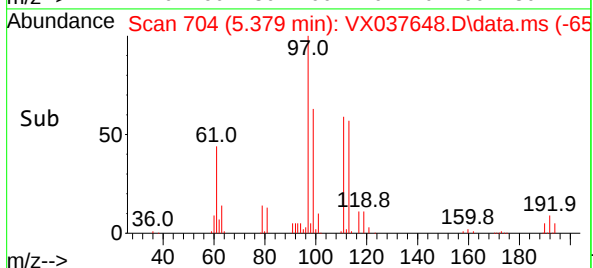
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

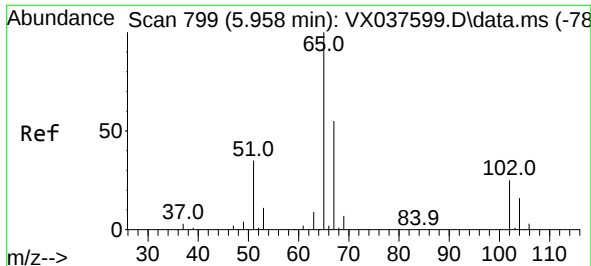


#32
1,1,1-Trichloroethane
Concen: 50.081 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13



Tgt Ion: 97 Resp: 169359
Ion Ratio Lower Upper
97 100
99 64.4 51.1 76.7
61 45.3 36.4 54.6





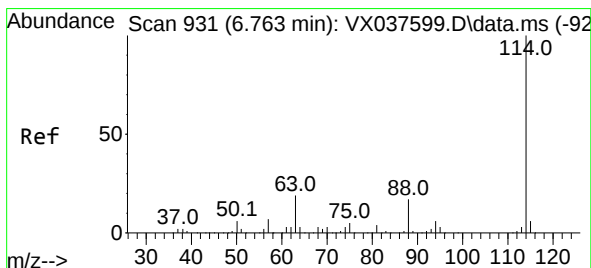
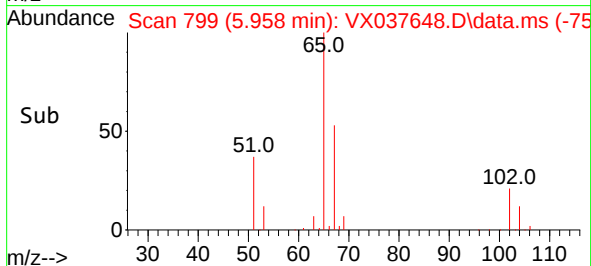
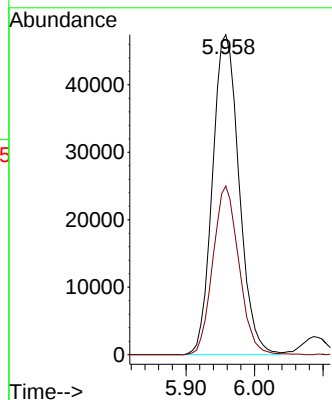
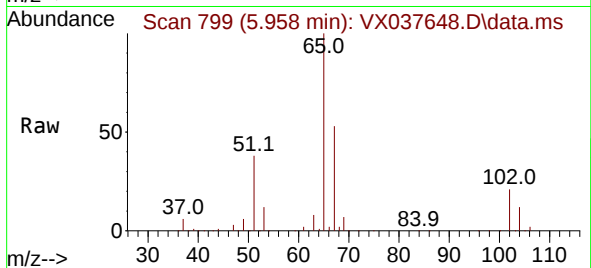
#33
 1,2-Dichloroethane-d4
 Concen: 49.203 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX037648.D
 Acq: 11 Sep 2023 18:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 65 Resp: 127918
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 100.2

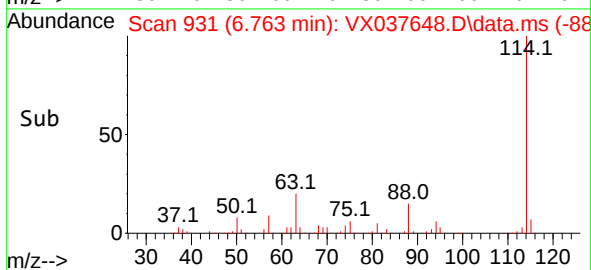
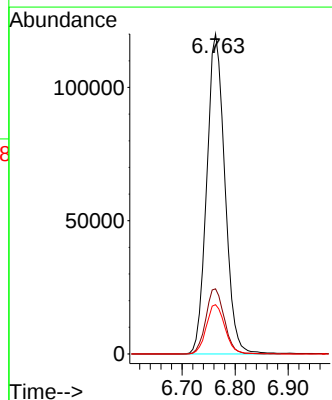
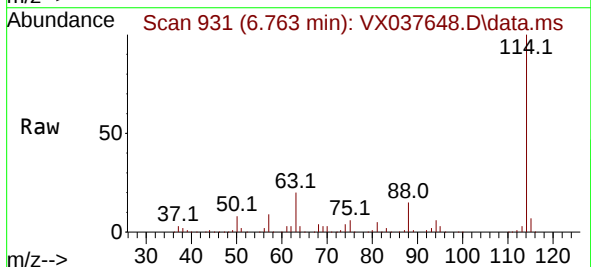
Manual Integrations
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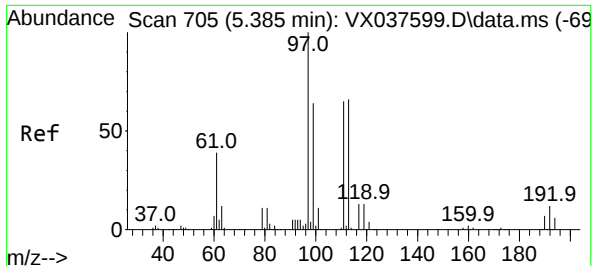
Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/12/2023



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX037648.D
 Acq: 11 Sep 2023 18:13

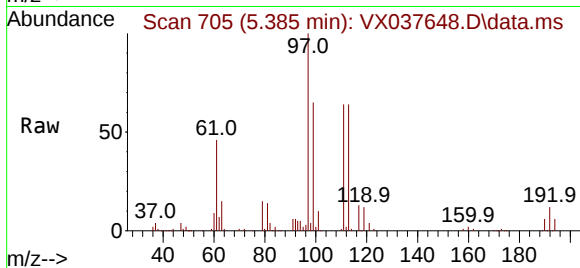
Tgt Ion:114 Resp: 284909
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 45.0
 88 15.4 0.0 36.6





#35
Dibromofluoromethane
Concen: 49.581 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13

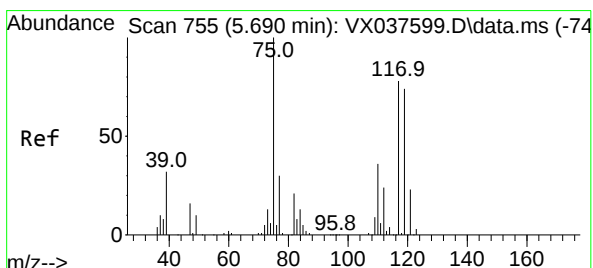
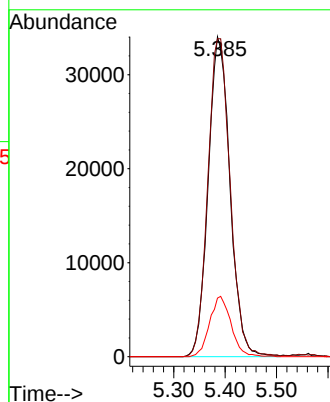
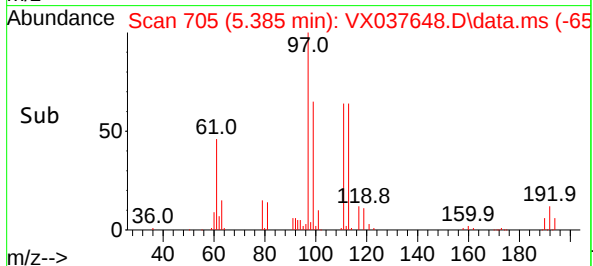
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:113 Resp: 100127
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 18.5 13.3 19.9

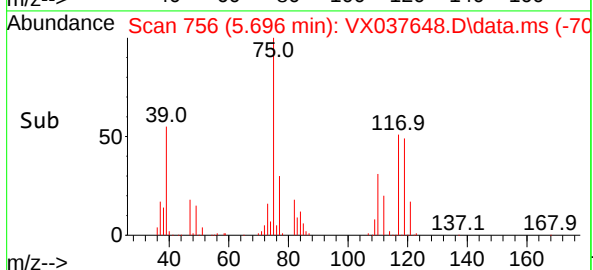
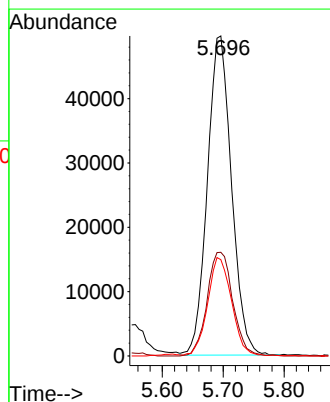
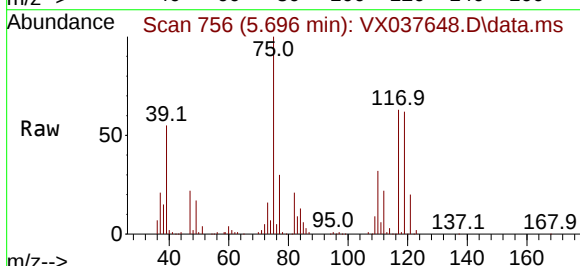
Manual Integrations
APPROVED

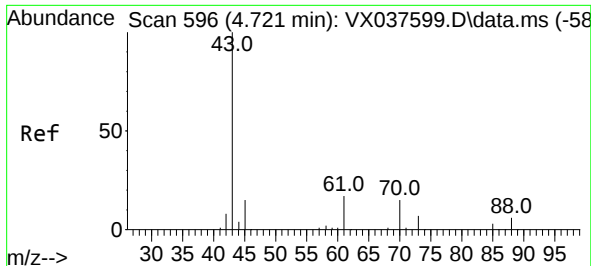
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#36
1,1-Dichloropropene
Concen: 49.040 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13

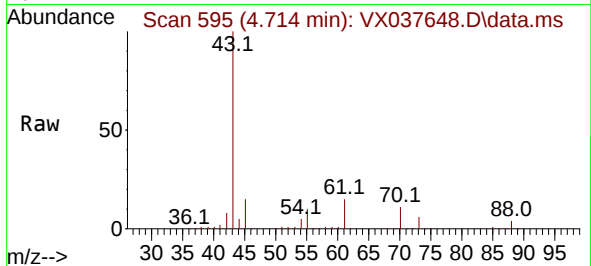
Tgt Ion: 75 Resp: 136572
Ion Ratio Lower Upper
75 100
110 34.5 17.0 50.9
77 30.8 24.7 37.1





#37
Ethyl Acetate
Concen: 51.412 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.006 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13

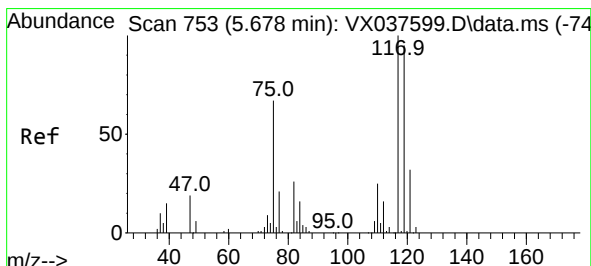
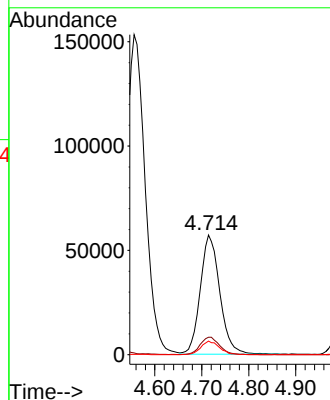
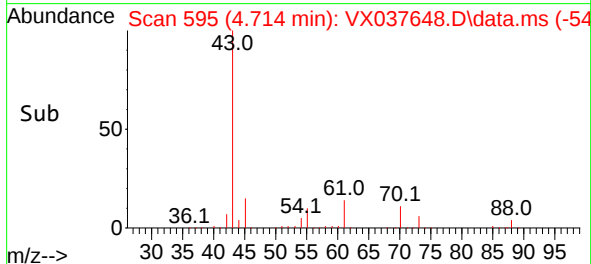
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 165379
Ion Ratio Lower Upper
43 100
61 14.7 10.6 16.0
70 10.7 8.3 12.5

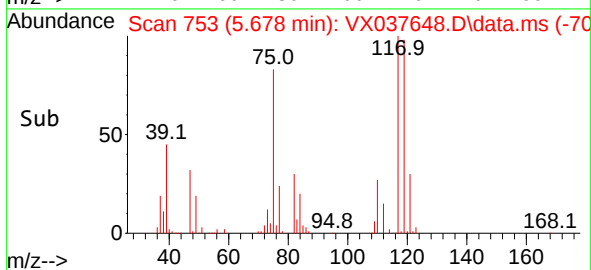
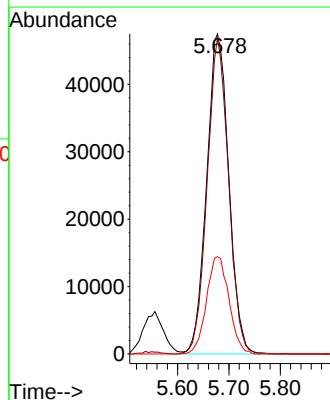
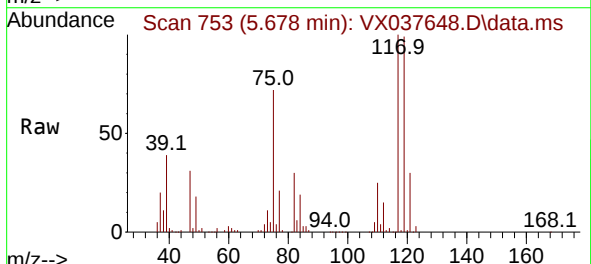
Manual Integrations
APPROVED

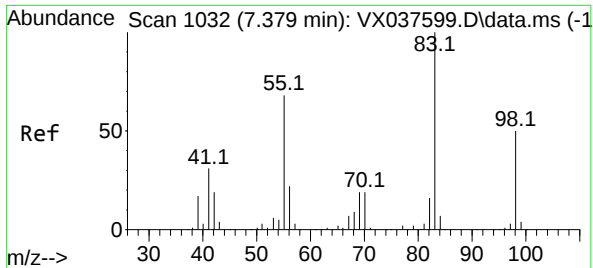
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#38
Carbon Tetrachloride
Concen: 51.126 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13

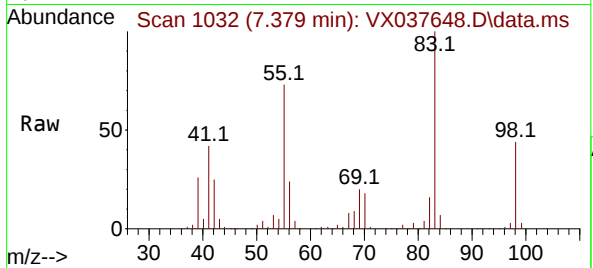
Tgt Ion:117 Resp: 142200
Ion Ratio Lower Upper
117 100
119 98.8 78.2 117.2
121 30.4 24.4 36.6





#39
Methylcyclohexane
Concen: 50.362 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13

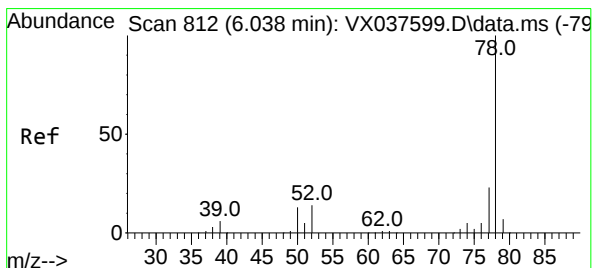
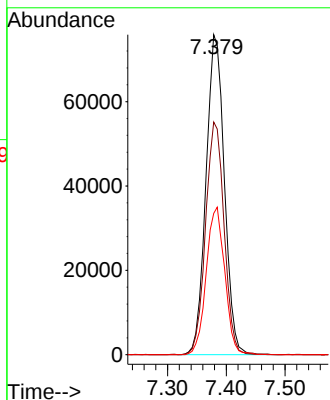
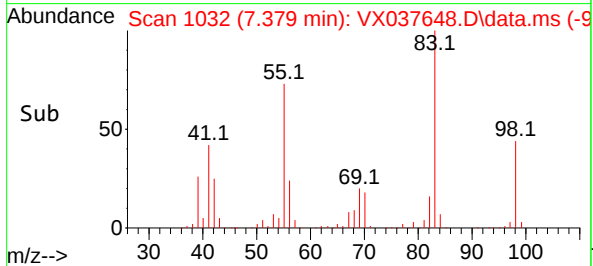
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 164964
Ion Ratio Lower Upper
83 100
55 72.7 64.6 97.0
98 44.2 36.7 55.1

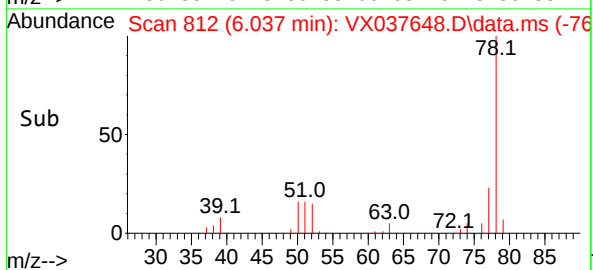
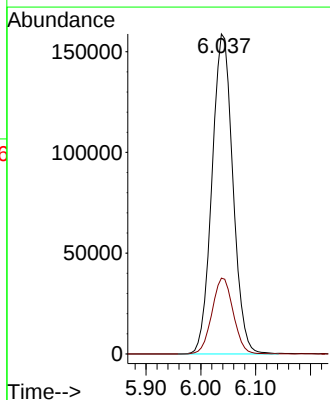
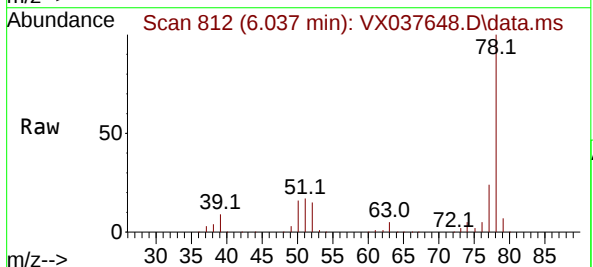
Manual Integrations
APPROVED

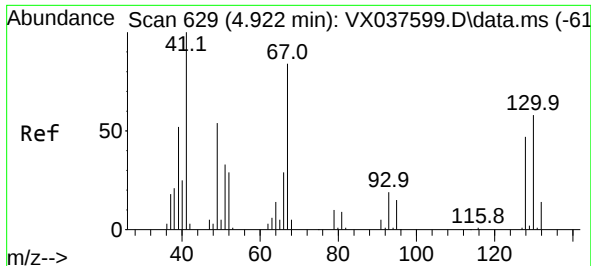
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#40
Benzene
Concen: 49.677 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13

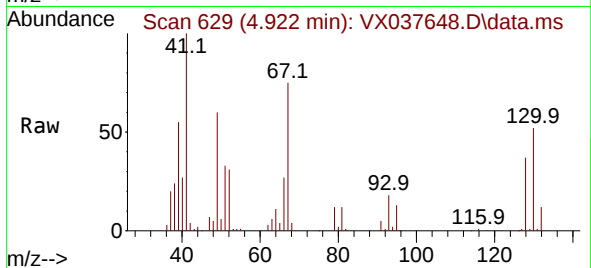
Tgt Ion: 78 Resp: 420664
Ion Ratio Lower Upper
78 100
77 23.7 19.3 28.9





#41
Methacrylonitrile
Concen: 51.314 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13

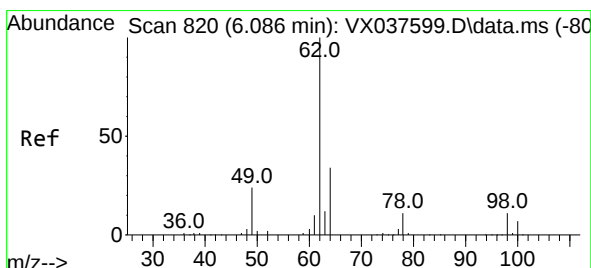
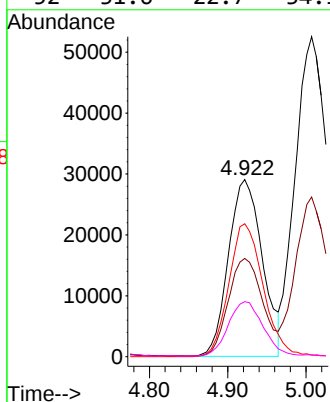
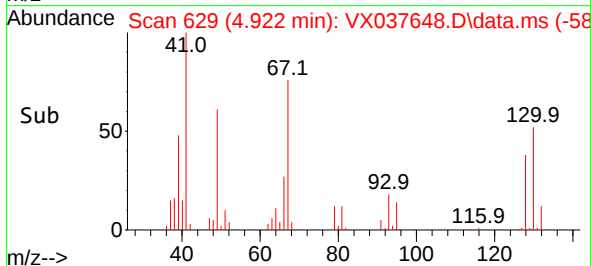
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 41 Resp: 87559
Ion Ratio Lower Upper
41 100
39 55.9 45.2 67.8
67 76.5 52.6 78.8
52 31.6 22.7 34.1

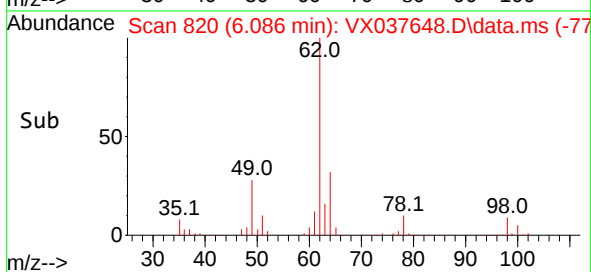
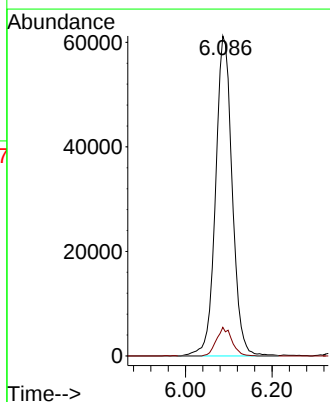
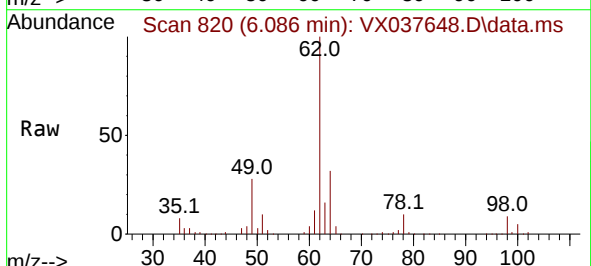
Manual Integrations
APPROVED

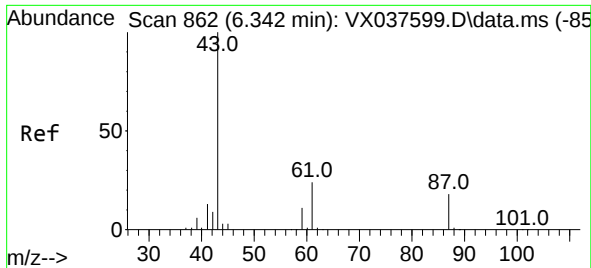
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#42
1,2-Dichloroethane
Concen: 49.960 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13

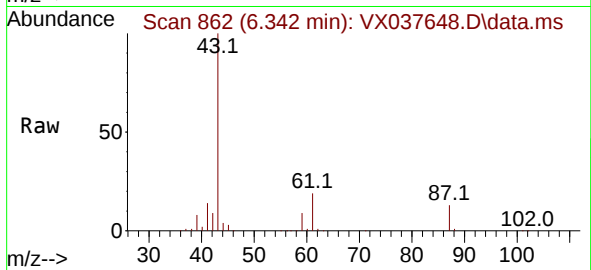
Tgt Ion: 62 Resp: 163937
Ion Ratio Lower Upper
62 100
98 8.3 0.0 16.0





#43
Isopropyl Acetate
Concen: 51.569 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13

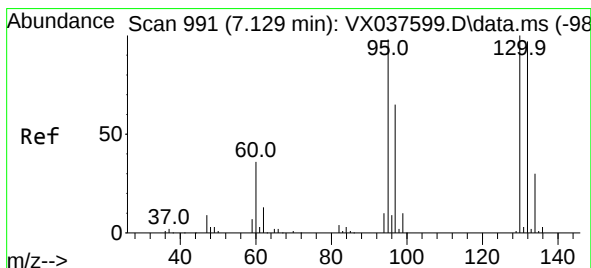
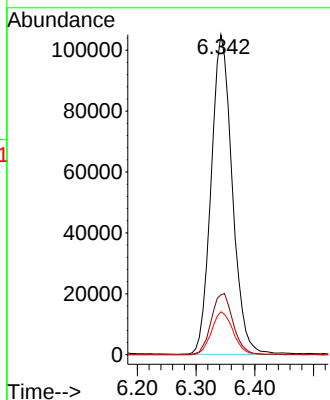
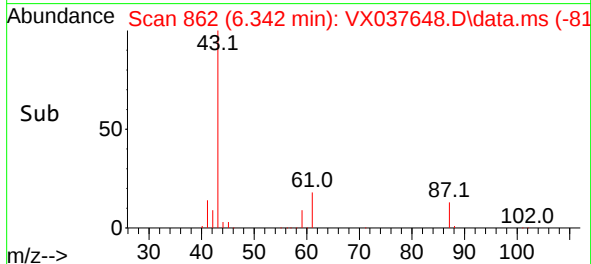
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 261819
Ion Ratio Lower Upper
43 100
61 19.8 15.2 22.8
87 13.8 9.8 14.6

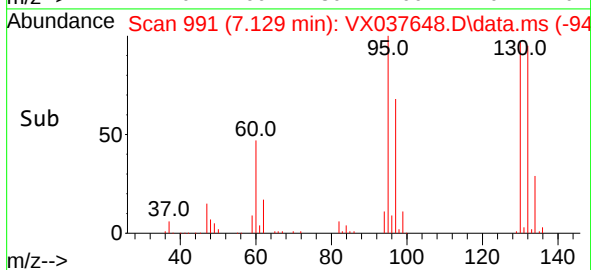
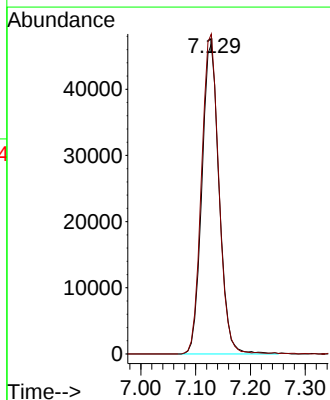
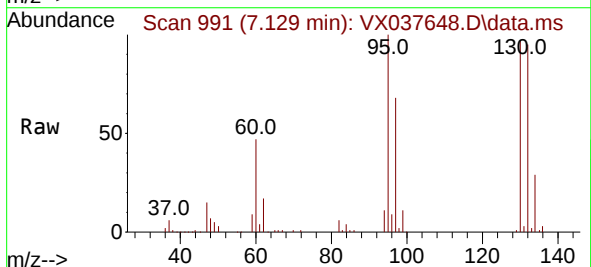
Manual Integrations
APPROVED

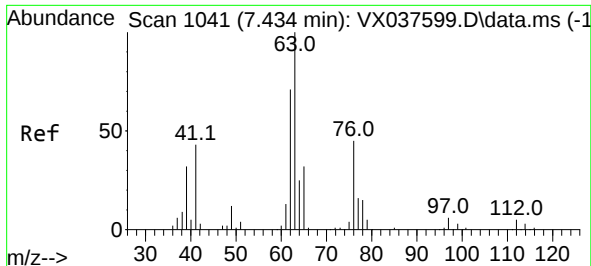
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#44
Trichloroethene
Concen: 49.493 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13

Tgt Ion:130 Resp: 102289
Ion Ratio Lower Upper
130 100
95 103.3 0.0 204.4





#45

1,2-Dichloropropane

Concen: 50.412 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX037648.D

Acq: 11 Sep 2023 18:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 11201

Ion Ratio Lower Upper

63 100

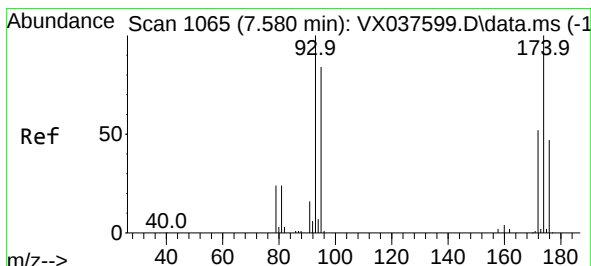
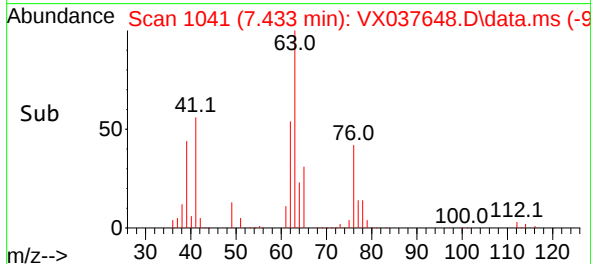
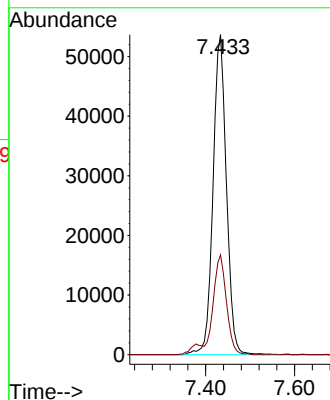
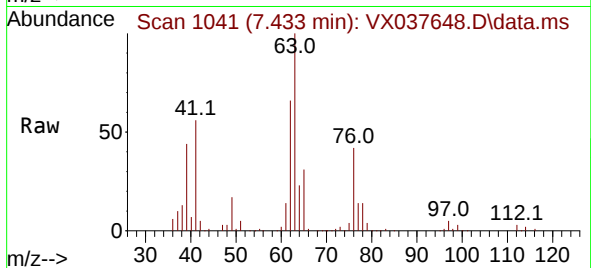
65 31.2 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#46

Dibromomethane

Concen: 49.401 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX037648.D

Acq: 11 Sep 2023 18:13

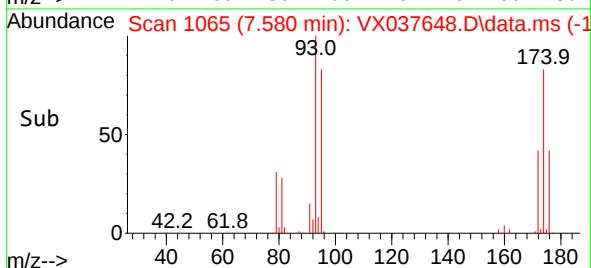
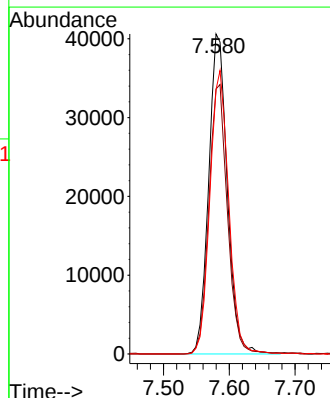
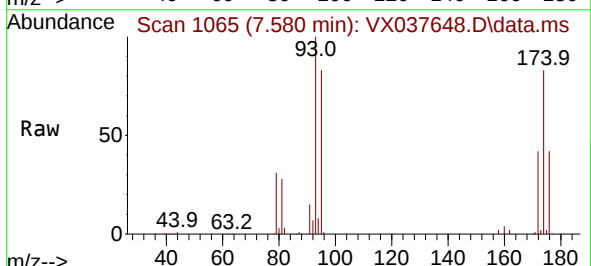
Tgt Ion: 93 Resp: 80083

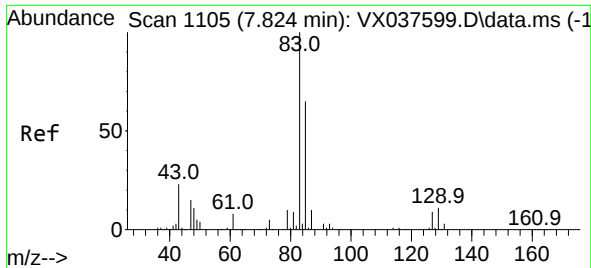
Ion Ratio Lower Upper

93 100

95 84.0 66.6 100.0

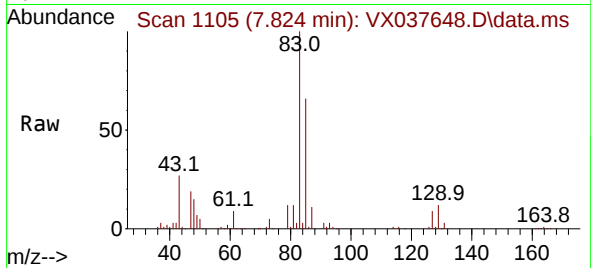
174 89.5 69.4 104.0





#47
Bromodichloromethane
Concen: 52.003 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13

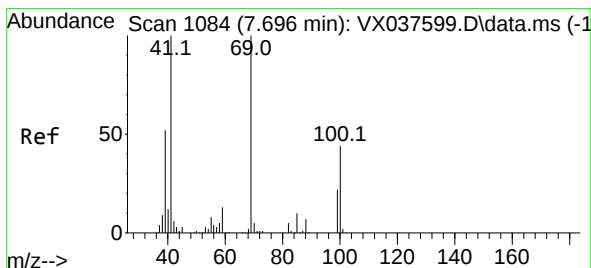
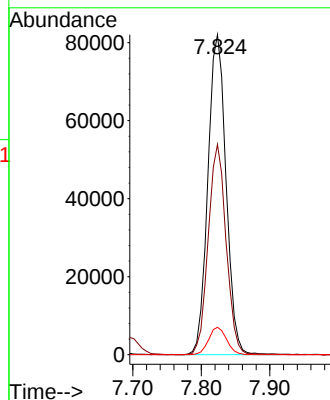
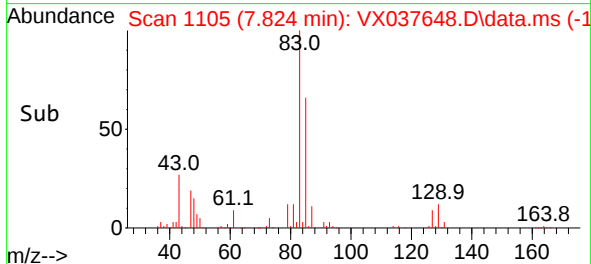
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 151093
Ion Ratio Lower Upper
83 100
85 65.7 49.8 74.6
127 8.5 7.1 10.7

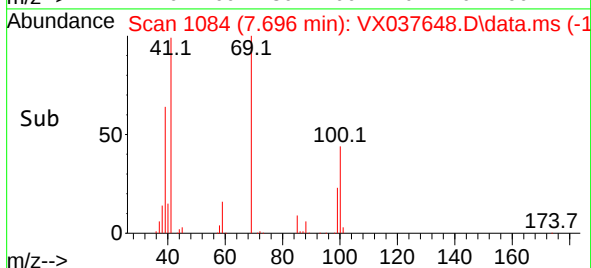
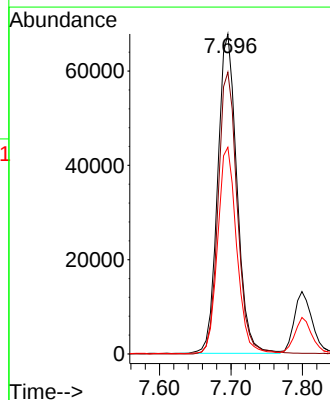
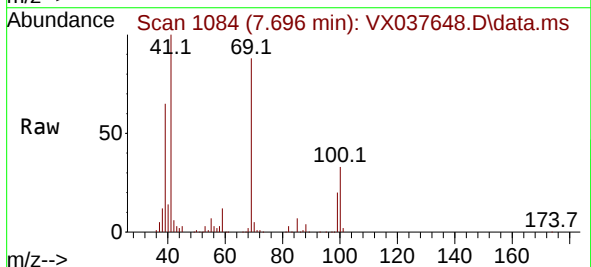
Manual Integrations
APPROVED

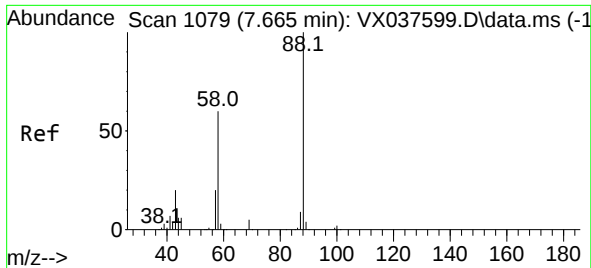
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#48
Methyl methacrylate
Concen: 51.109 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13

Tgt Ion: 41 Resp: 126730
Ion Ratio Lower Upper
41 100
69 87.9 59.2 88.8
39 63.8 47.7 71.5





#49

1,4-Dioxane

Concen: 1019.054 ug/l

RT: 7.659 min Scan# 1079

Delta R.T. -0.006 min

Lab File: VX037648.D

Acq: 11 Sep 2023 18:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 88 Resp: 62938

Ion Ratio Lower Upper

88 100

43 31.0 0.0 0.0

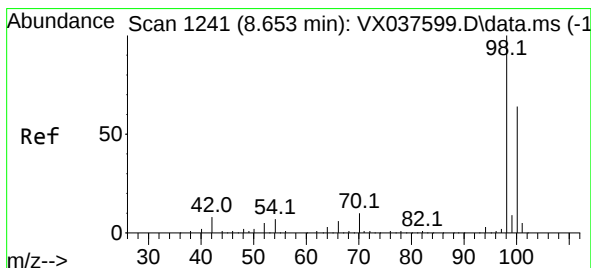
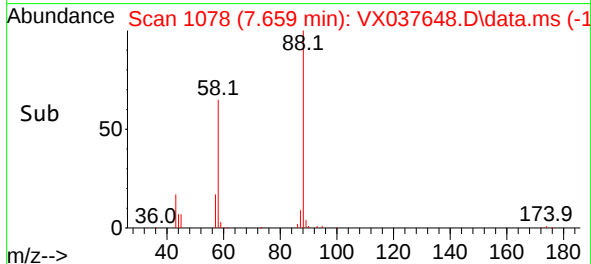
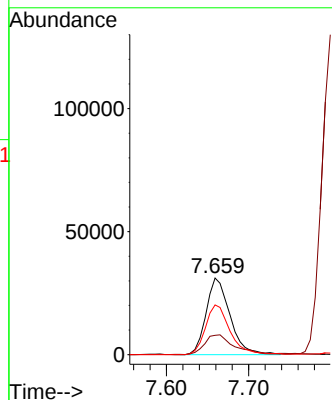
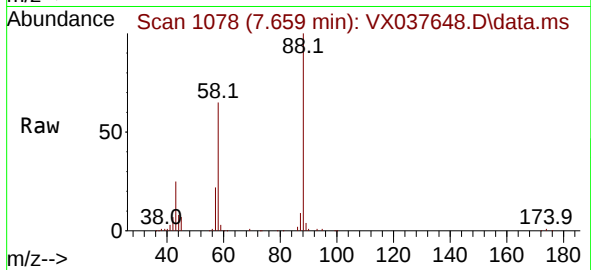
58 67.2 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#50

Toluene-d8

Concen: 50.383 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX037648.D

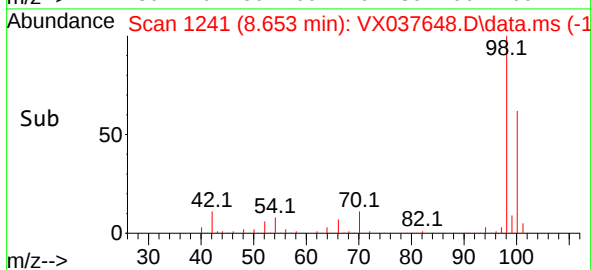
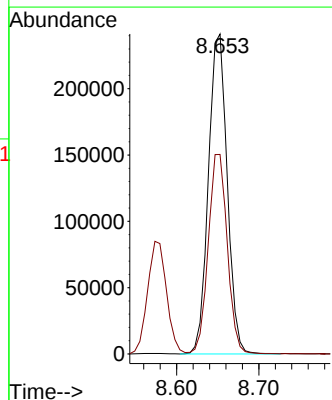
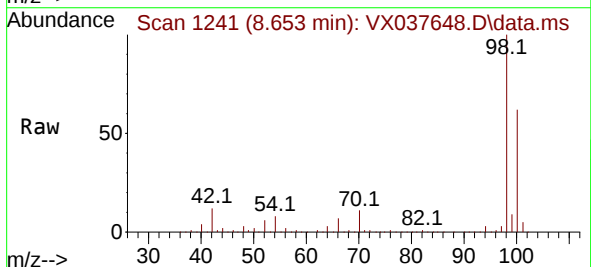
Acq: 11 Sep 2023 18:13

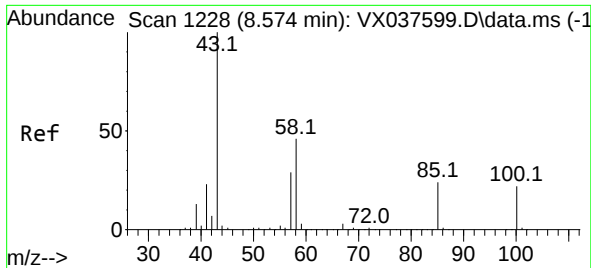
Tgt Ion: 98 Resp: 383734

Ion Ratio Lower Upper

98 100

100 63.1 53.1 79.7





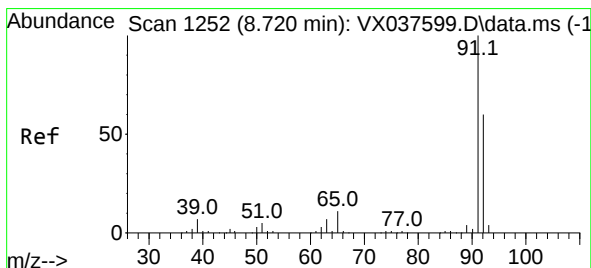
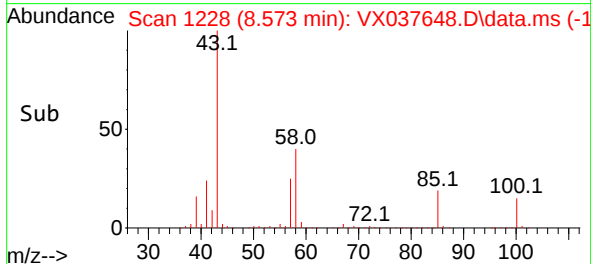
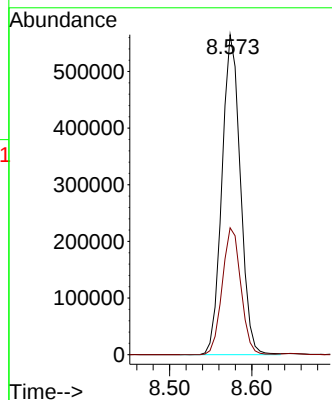
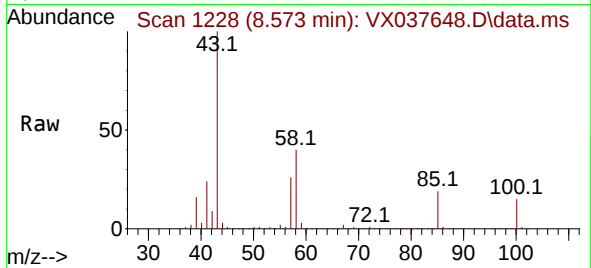
#51
4-Methyl-2-Pentanone
Concen: 262.508 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.001 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 878745
Ion Ratio Lower Upper
43 100
58 40.1 30.4 45.6

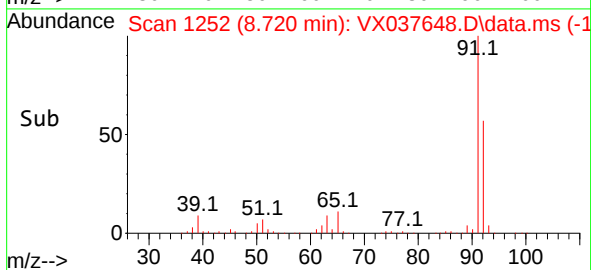
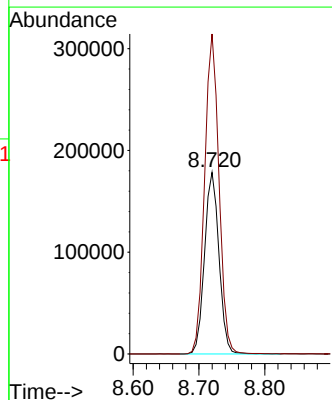
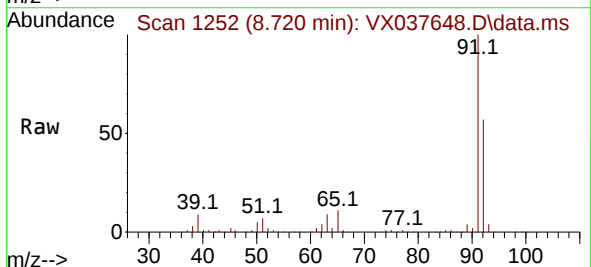
Manual Integrations
APPROVED

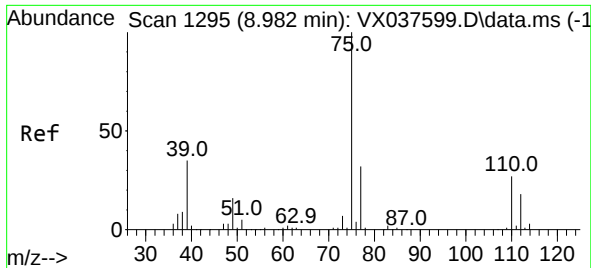
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#52
Toluene
Concen: 50.847 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13

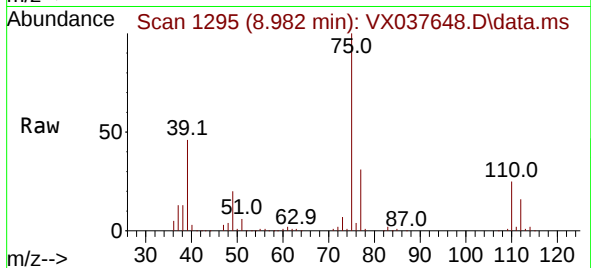
Tgt Ion: 92 Resp: 272447
Ion Ratio Lower Upper
92 100
91 175.2 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 54.424 ug/l
RT: 8.982 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13

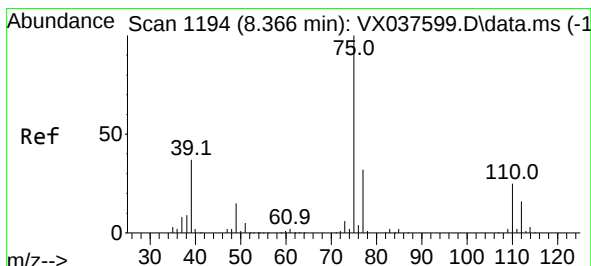
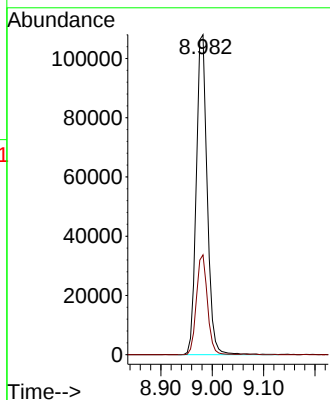
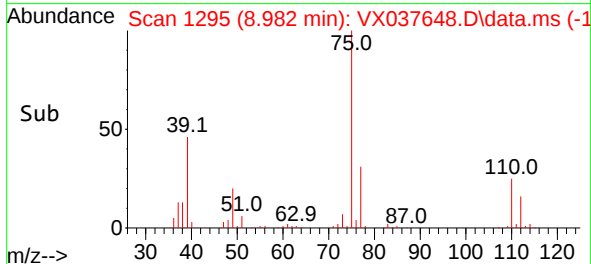
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



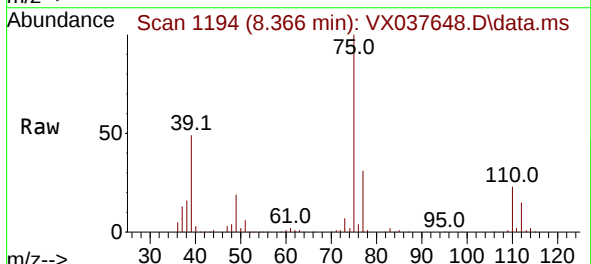
Tgt Ion: 75 Resp: 15952
Ion Ratio Lower Upper
75 100
77 31.2 25.7 38.5

Manual Integrations
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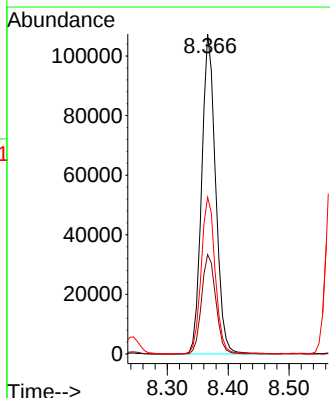
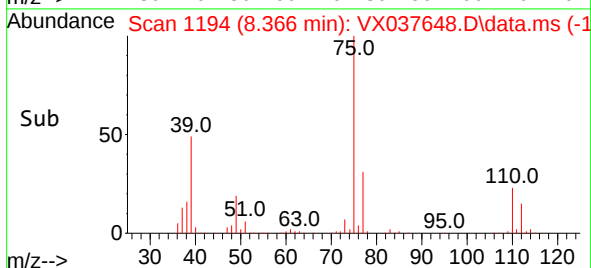
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

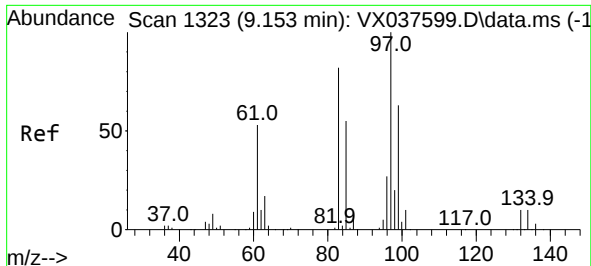


#54
cis-1,3-Dichloropropene
Concen: 53.413 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13



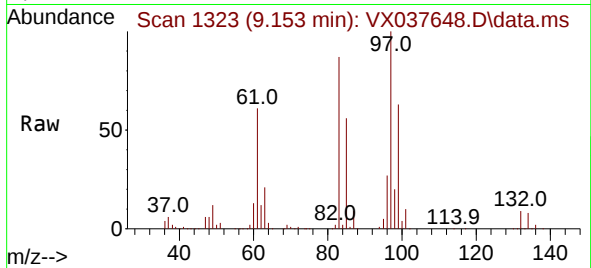
Tgt Ion: 75 Resp: 171068
Ion Ratio Lower Upper
75 100
77 31.1 25.3 37.9
39 48.9 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 51.012 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13

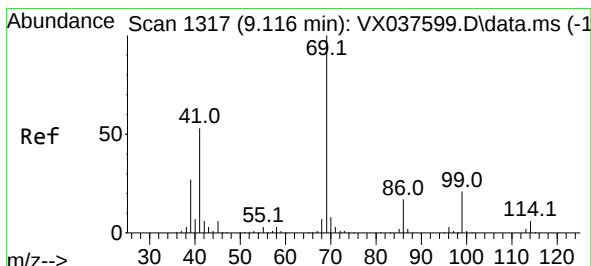
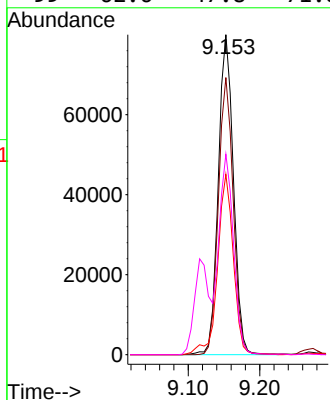
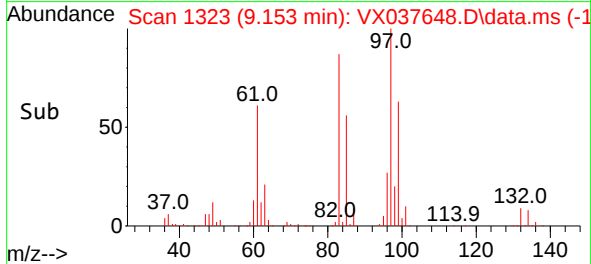
Instrument : MSVOA_X
ClientSampleId : VSTDICCC050



Tgt Ion:	97	Resp:	11753
Ion Ratio	100	Lower	Upper
97	100		
83	86.6	65.8	98.8
85	56.3	41.6	62.4
99	62.6	47.8	71.8

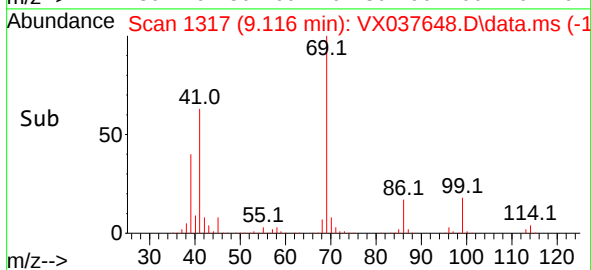
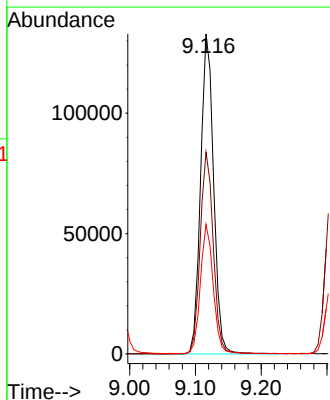
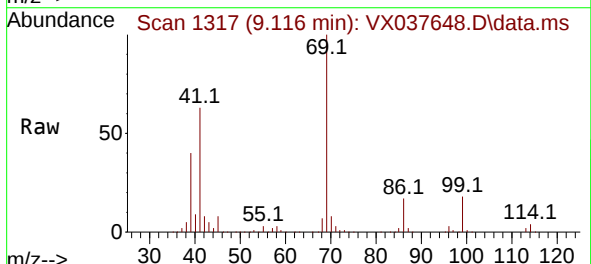
Manual Integrations
APPROVED

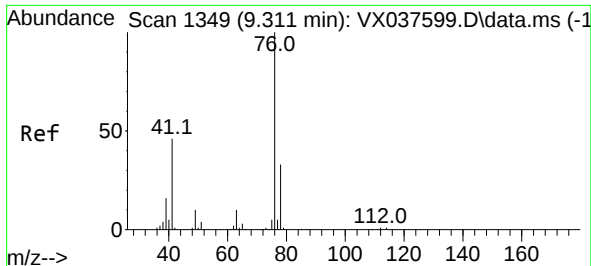
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#56
Ethyl methacrylate
Concen: 52.827 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13

Tgt Ion:	69	Resp:	182911
Ion Ratio	100	Lower	Upper
69	100		
41	63.2	56.8	85.2
39	39.6	32.0	48.0





#57

1,3-Dichloropropane

Concen: 50.002 ug/l

RT: 9.311 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037648.D

Acq: 11 Sep 2023 18:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 19178

Ion Ratio Lower Upper

76 100

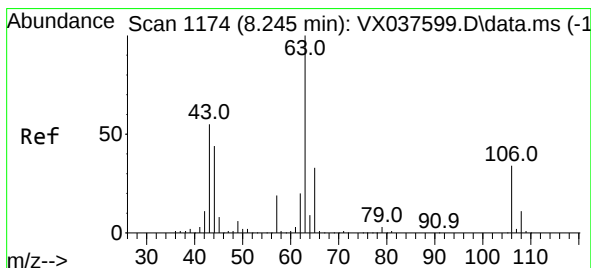
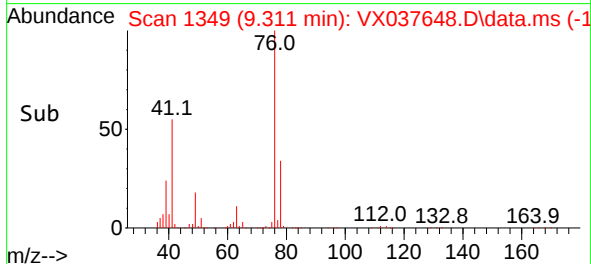
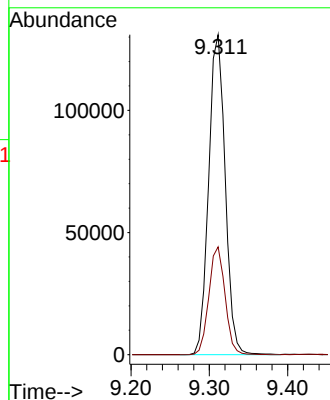
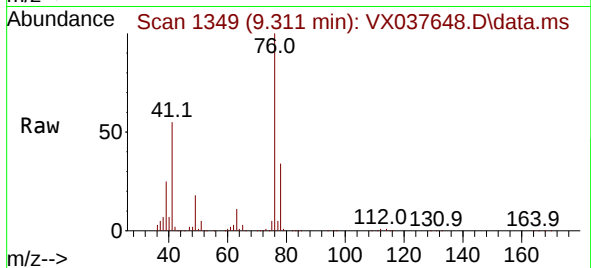
78 33.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#58

2-Chloroethyl Vinyl ether

Concen: 248.923 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX037648.D

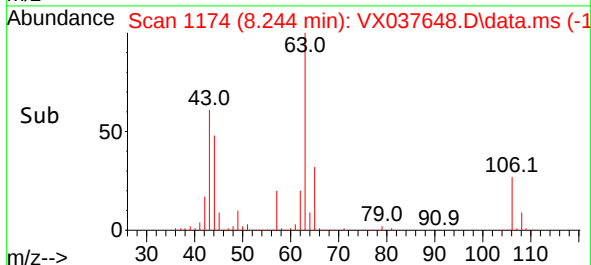
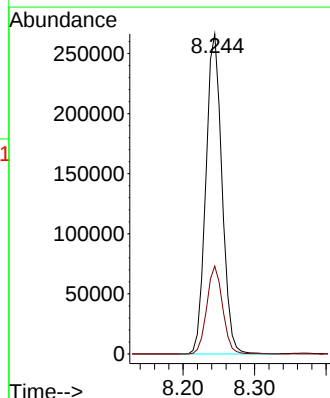
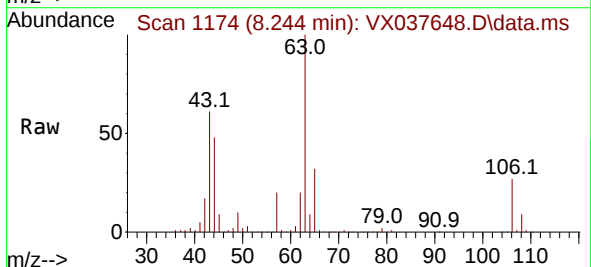
Acq: 11 Sep 2023 18:13

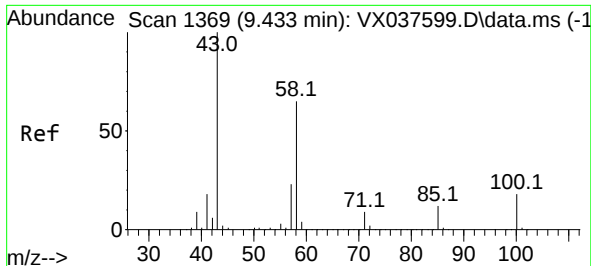
Tgt Ion: 63 Resp: 415989

Ion Ratio Lower Upper

63 100

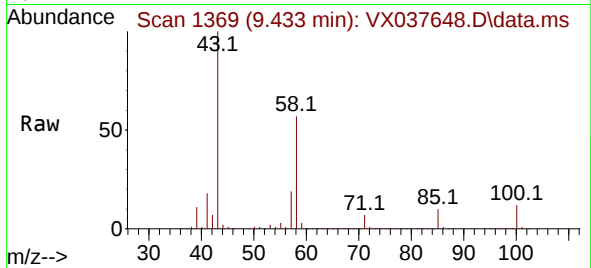
106 27.0 22.5 33.7





#59
2-Hexanone
Concen: 270.963 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13

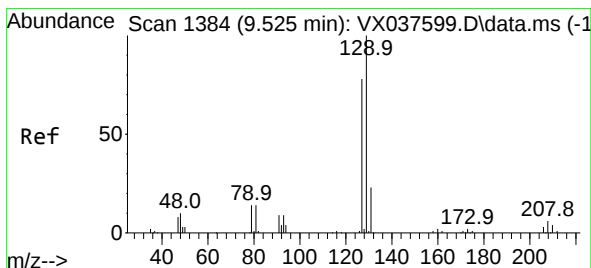
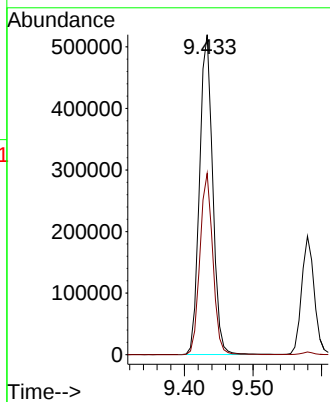
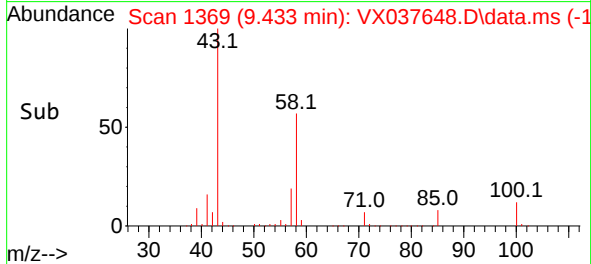
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 695730
Ion Ratio Lower Upper
43 100
58 55.7 26.2 78.5

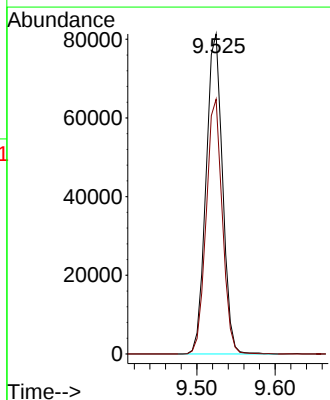
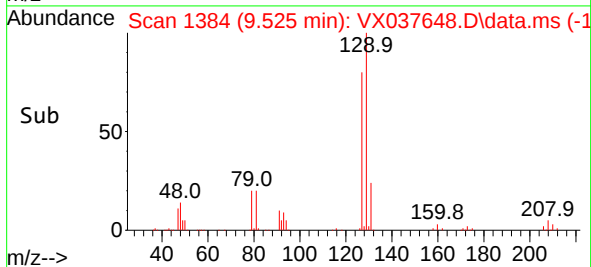
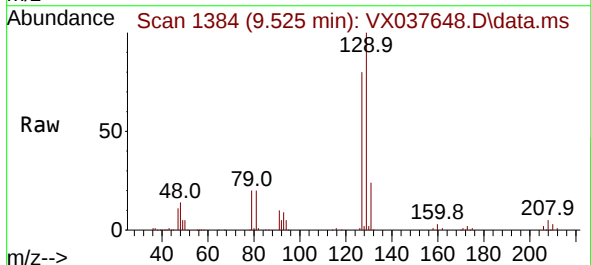
Manual Integrations
APPROVED

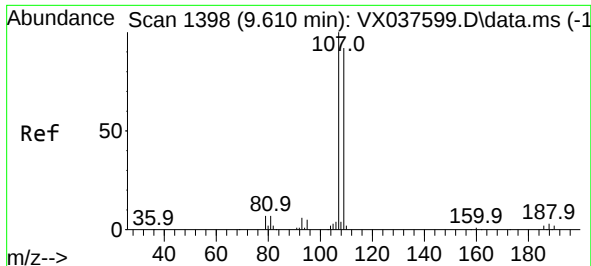
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#60
Dibromochloromethane
Concen: 53.024 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13

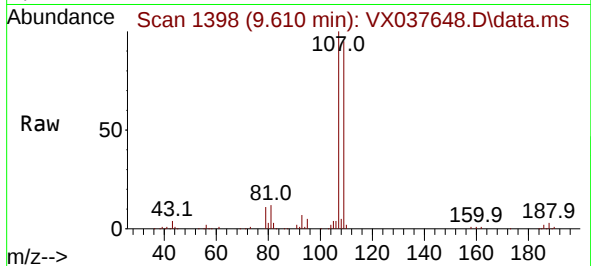
Tgt Ion:129 Resp: 118580
Ion Ratio Lower Upper
129 100
127 78.0 38.8 116.4





#61
1,2-Dibromoethane
Concen: 51.773 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13

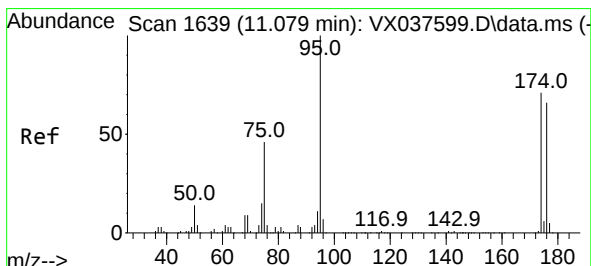
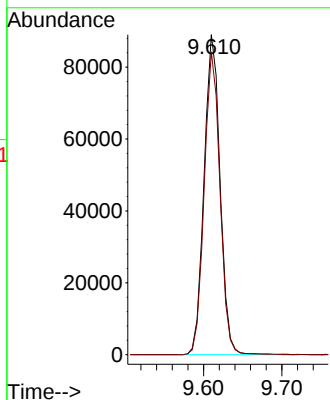
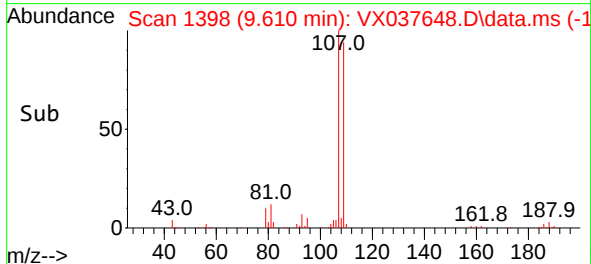
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



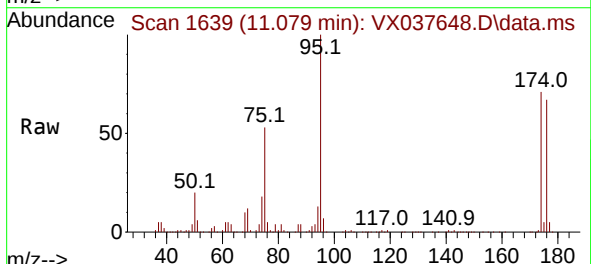
Tgt Ion:107 Resp: 125783
Ion Ratio Lower Upper
107 100
109 93.3 75.2 112.8

Manual Integrations
APPROVED

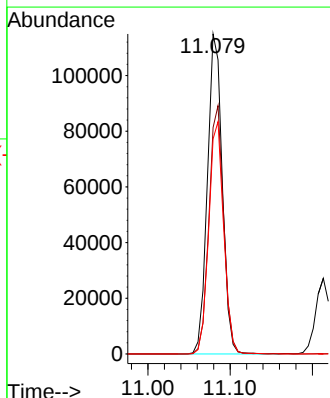
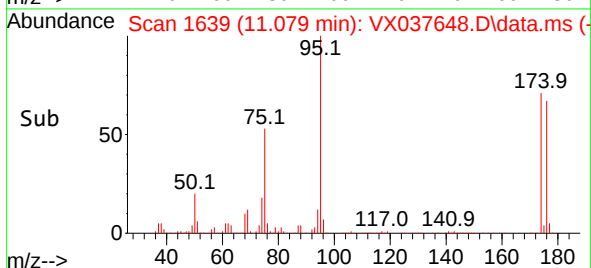
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

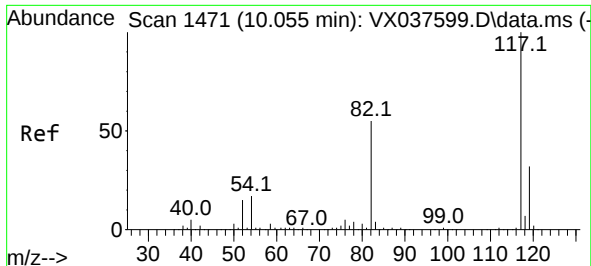


#62
4-Bromofluorobenzene
Concen: 52.286 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13



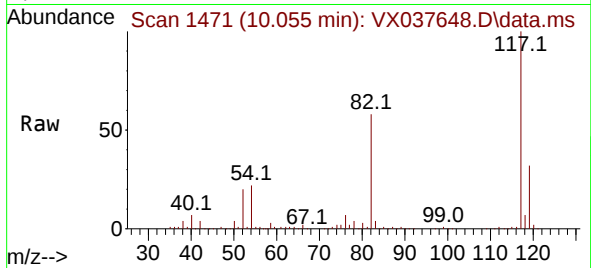
Tgt Ion: 95 Resp: 143668
Ion Ratio Lower Upper
95 100
174 77.3 0.0 135.6
176 73.0 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13

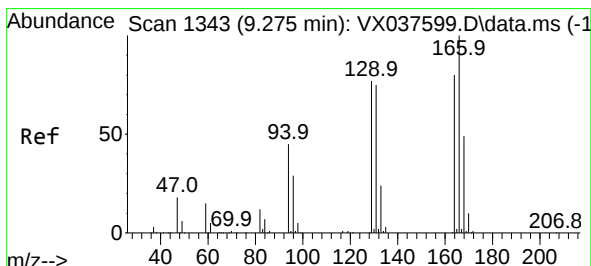
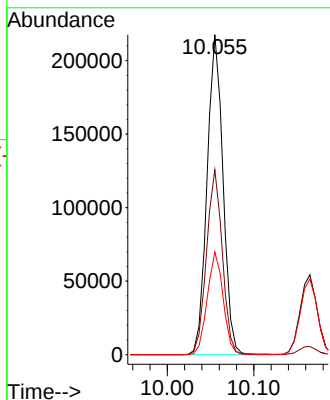
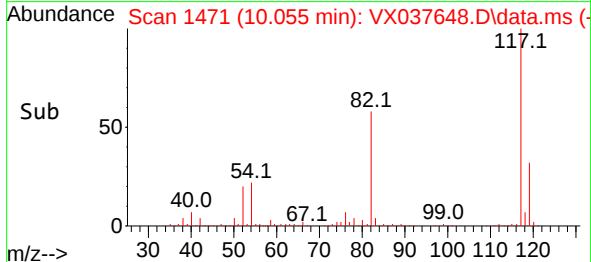
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 27802
Ion Ratio Lower Upper
117 100
82 57.8 46.2 69.4
119 32.0 25.5 38.3

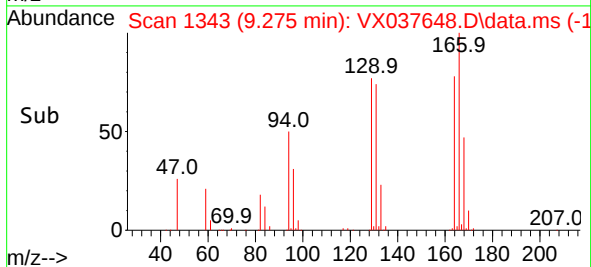
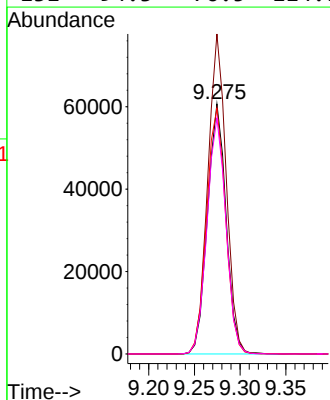
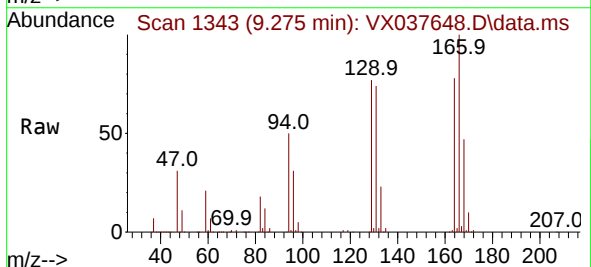
Manual Integrations
APPROVED

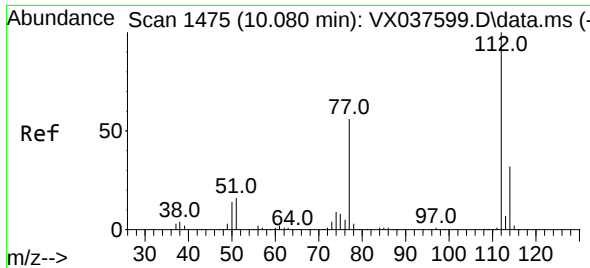
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#64
Tetrachloroethene
Concen: 48.246 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13

Tgt Ion:164 Resp: 85926
Ion Ratio Lower Upper
164 100
166 128.0 102.7 154.1
129 98.2 80.4 120.6
131 94.3 76.5 114.7





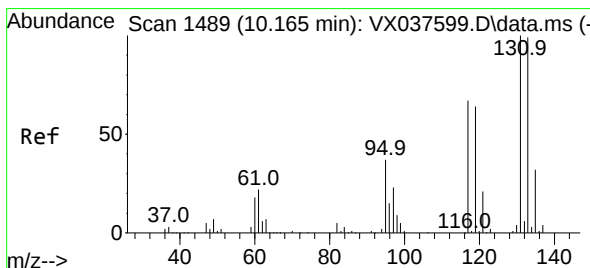
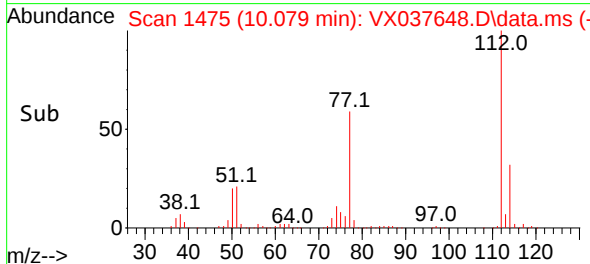
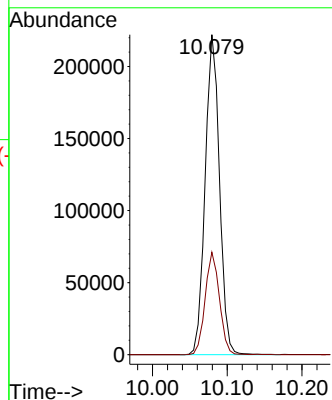
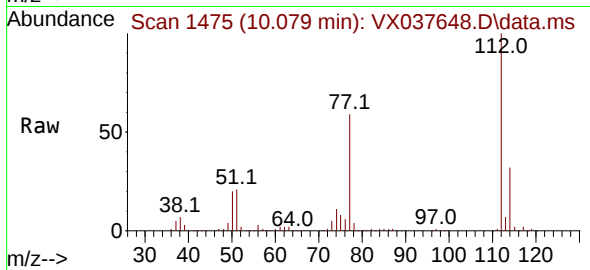
#65
Chlorobenzene
Concen: 49.303 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 295508
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5

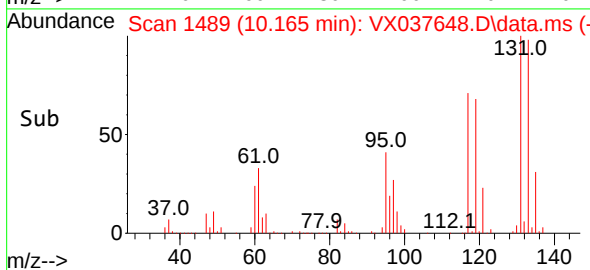
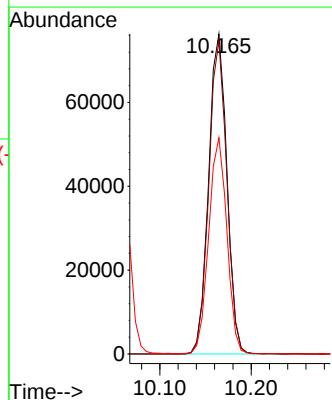
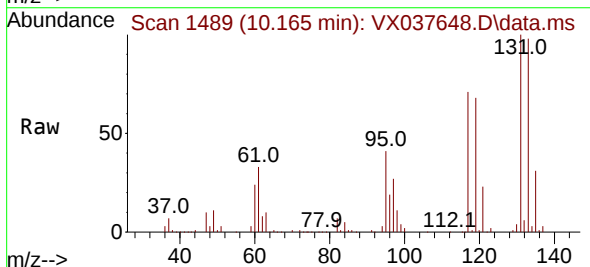
Manual Integrations
APPROVED

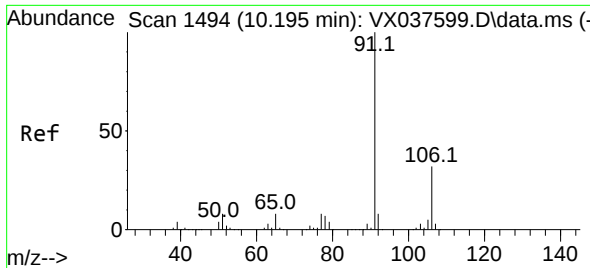
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 50.595 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13

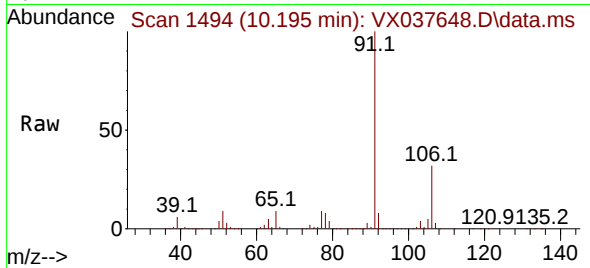
Tgt Ion:131 Resp: 105832
Ion Ratio Lower Upper
131 100
133 96.4 47.1 141.4
119 67.3 32.2 96.6





#67
Ethyl Benzene
Concen: 50.454 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13

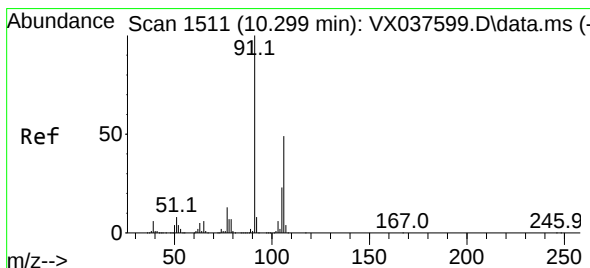
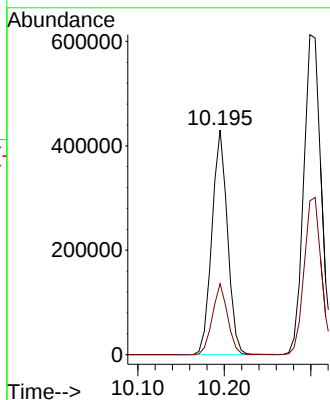
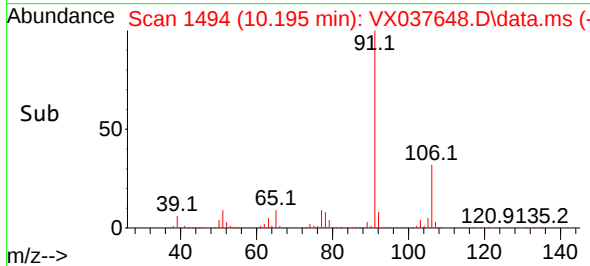
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



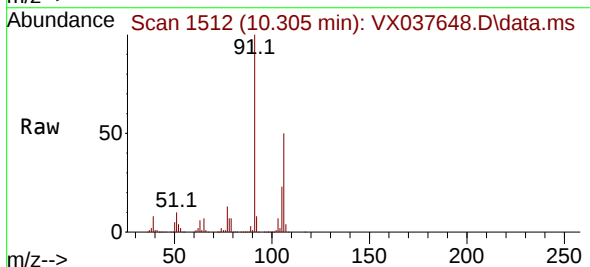
Tgt Ion: 91 Resp: 53777
Ion Ratio Lower Upper
91 100
106 31.6 24.9 37.3

Manual Integrations
APPROVED

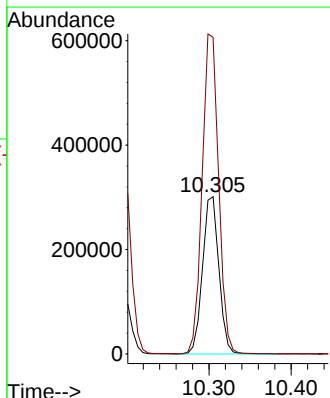
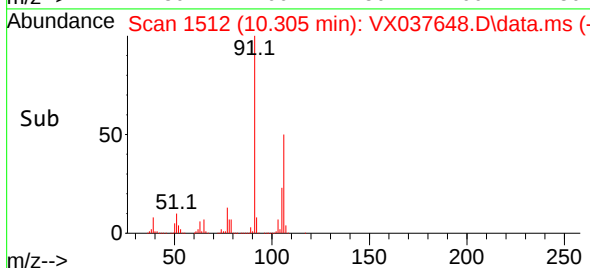
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

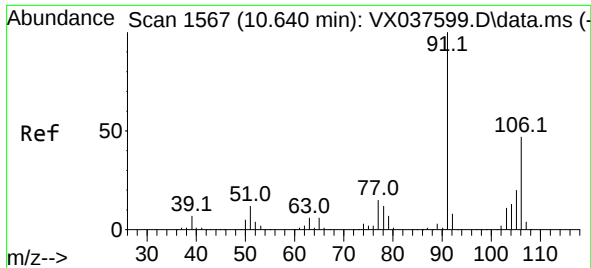


#68
m/p-Xylenes
Concen: 102.182 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13



Tgt Ion:106 Resp: 414993
Ion Ratio Lower Upper
106 100
91 205.3 165.5 248.3





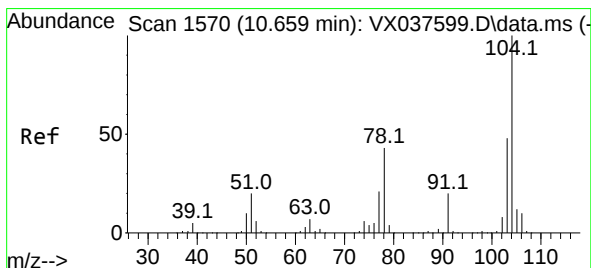
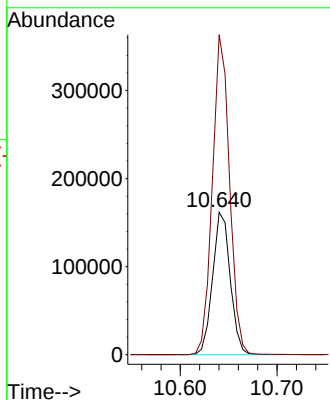
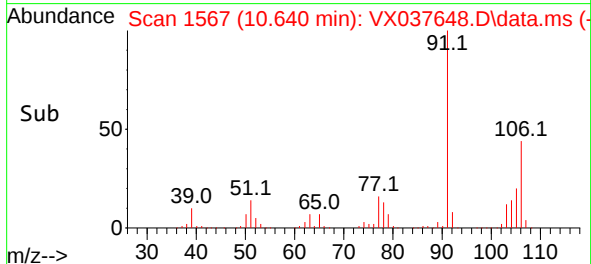
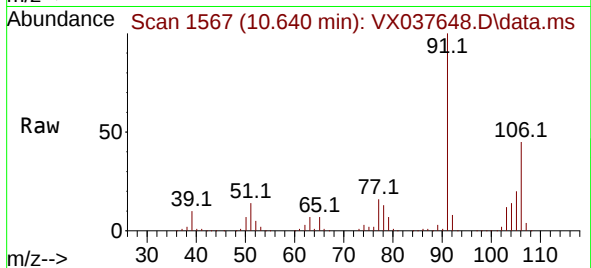
#69
o-Xylene
Concen: 50.844 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 204758
Ion Ratio Lower Upper
106 100
91 218.8 108.9 326.8

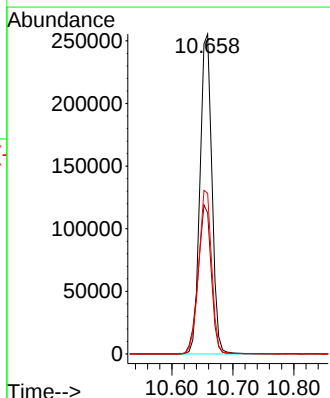
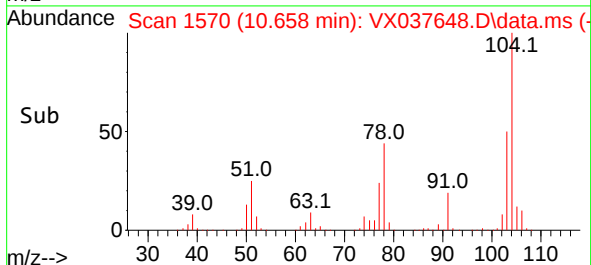
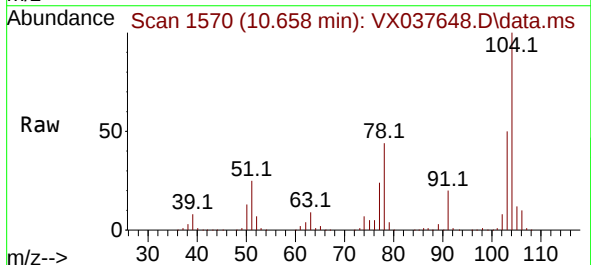
Manual Integrations
APPROVED

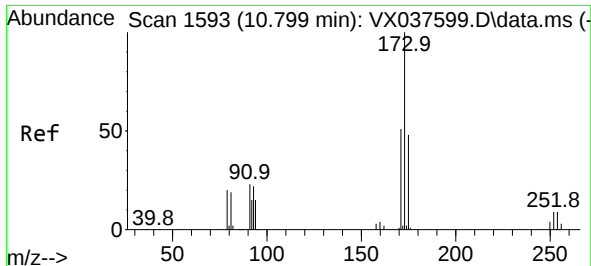
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#70
Styrene
Concen: 52.349 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. -0.001 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13

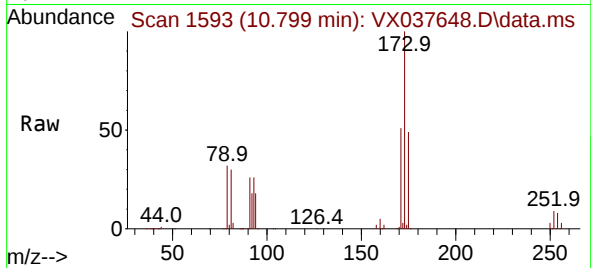
Tgt Ion:104 Resp: 347810
Ion Ratio Lower Upper
104 100
78 51.5 43.6 65.4
103 55.5 43.6 65.4





#71
Bromoform
Concen: 54.654 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13

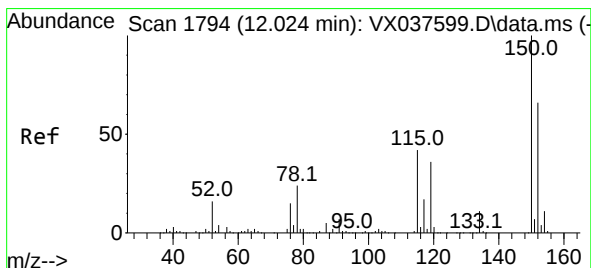
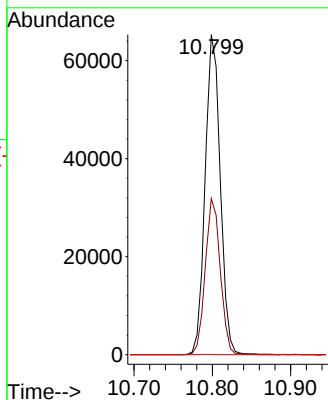
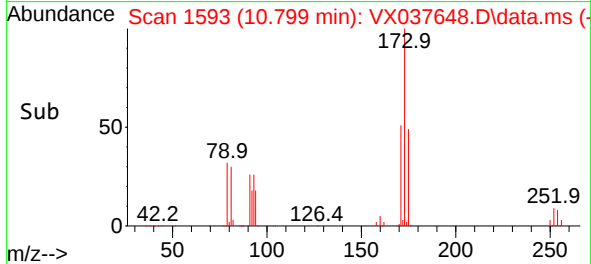
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:173 Resp: 8739
Ion Ratio Lower Upper
173 100
175 48.4 24.1 72.4
254 0.1 0.0 0.0

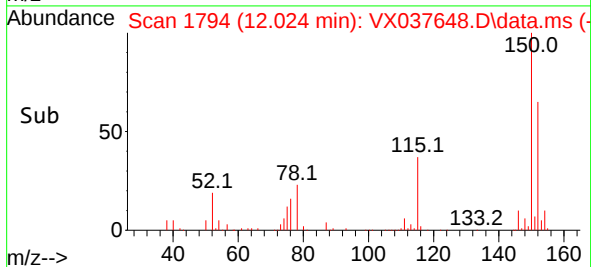
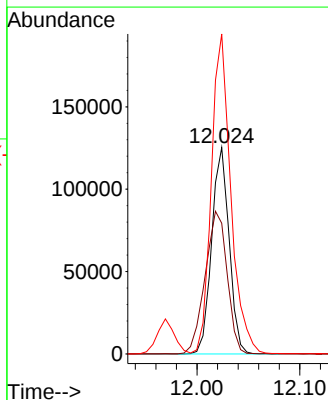
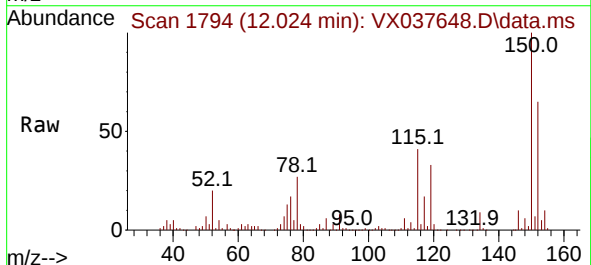
Manual Integrations
APPROVED

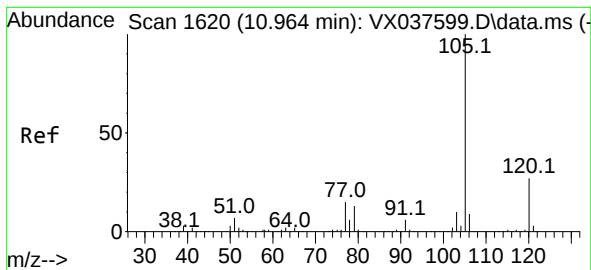
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13

Tgt Ion:152 Resp: 147667
Ion Ratio Lower Upper
152 100
115 87.6 43.3 129.9
150 173.2 0.0 345.0





#73

Isopropylbenzene

Concen: 48.428 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX037648.D

Acq: 11 Sep 2023 18:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:105 Resp: 53816

Ion Ratio Lower Upper

105 100

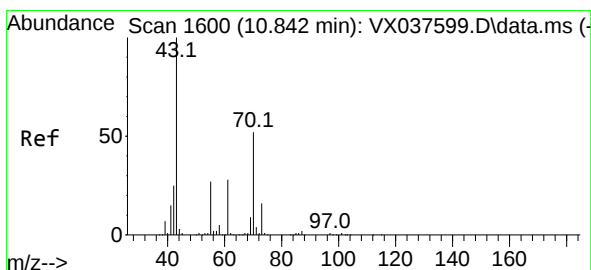
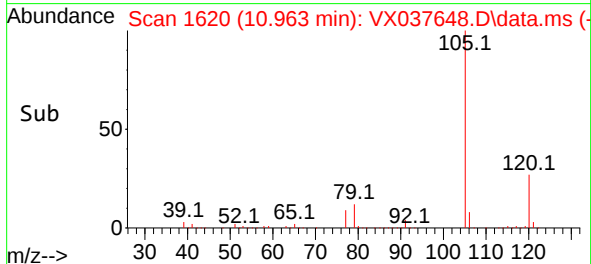
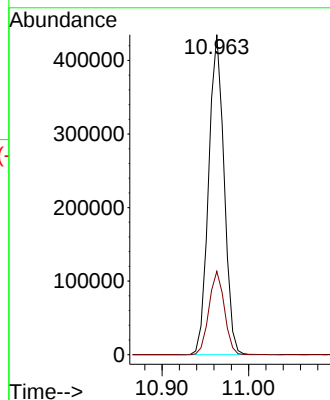
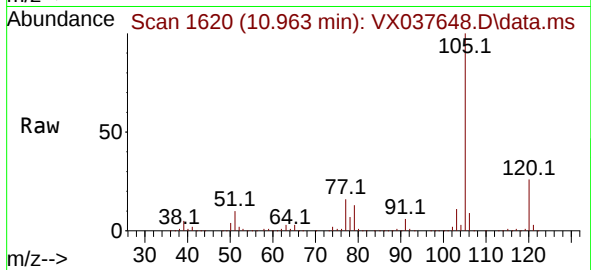
120 26.0 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#74

N-ethyl acetate

Concen: 50.969 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX037648.D

Acq: 11 Sep 2023 18:13

Tgt Ion: 43 Resp: 248991

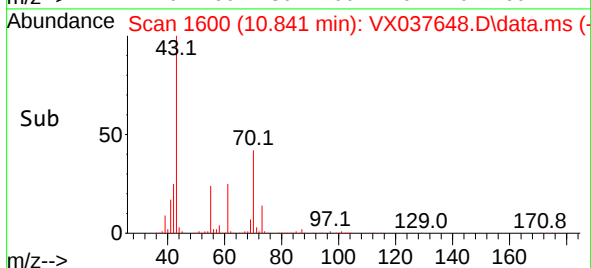
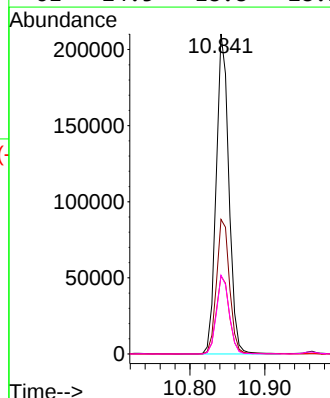
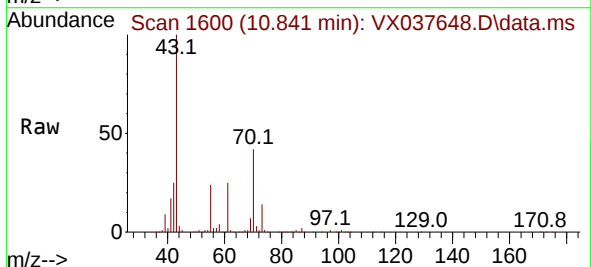
Ion Ratio Lower Upper

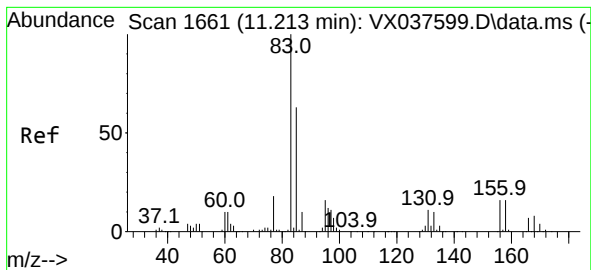
43 100

70 43.1 32.9 49.3

55 24.9 19.3 28.9

61 24.5 18.8 28.2





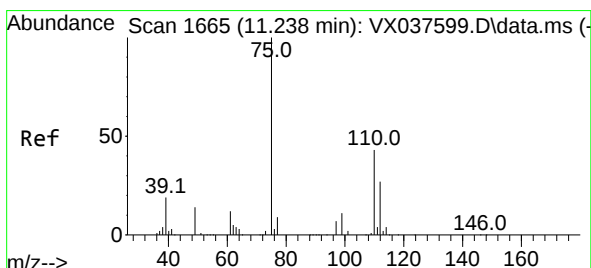
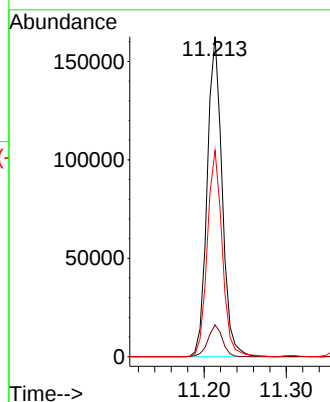
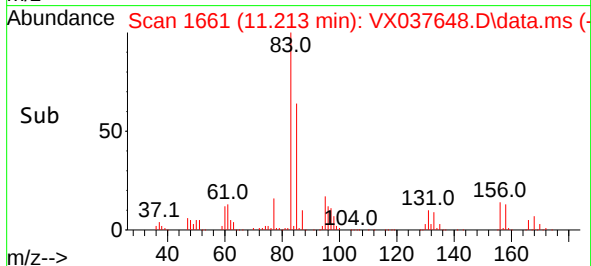
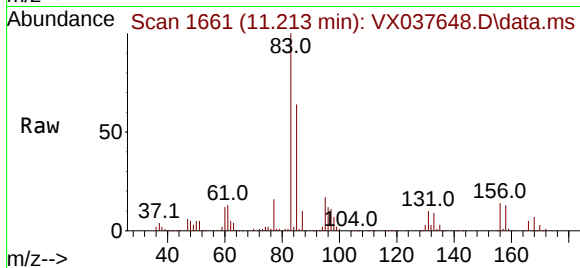
#75
1,1,2,2-Tetrachloroethane
Concen: 48.647 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 20496
Ion Ratio Lower Upper
83 100
131 9.6 5.3 15.8
85 64.4 32.0 96.2

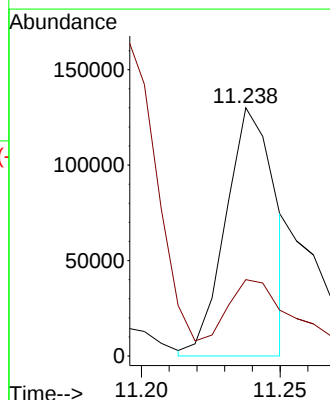
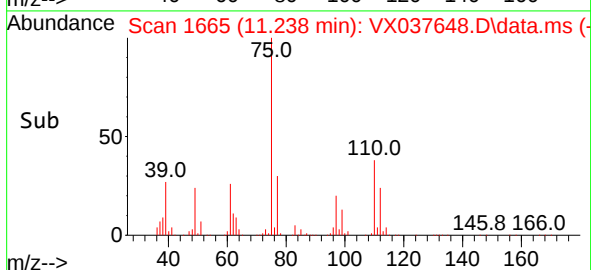
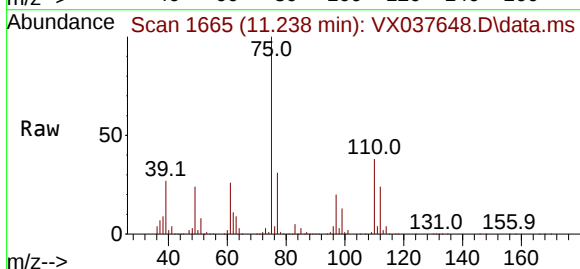
Manual Integrations
APPROVED

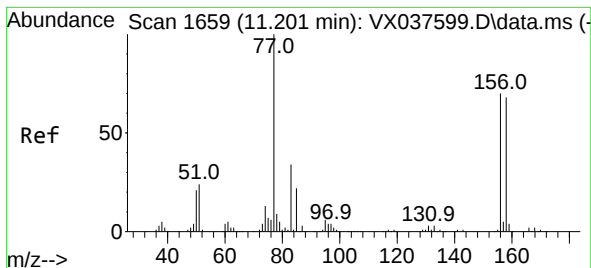
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#76
1,2,3-Trichloropropane
Concen: 48.916 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13

Tgt Ion: 75 Resp: 160365
Ion Ratio Lower Upper
75 100
77 43.6 19.1 57.5





#77

Bromobenzene

Concen: 48.232 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX037648.D

Acq: 11 Sep 2023 18:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

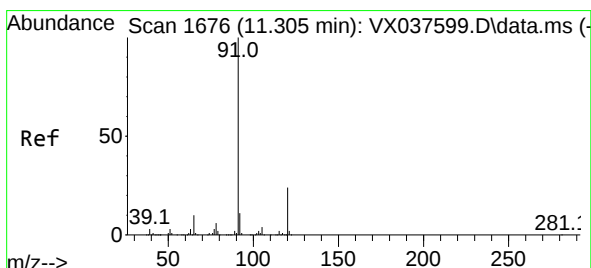
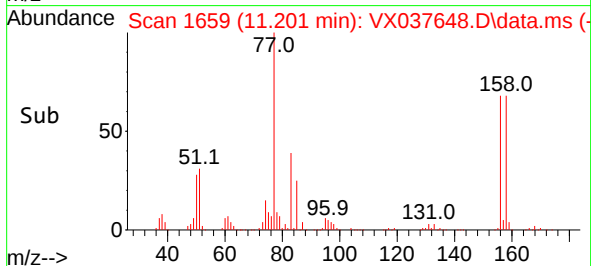
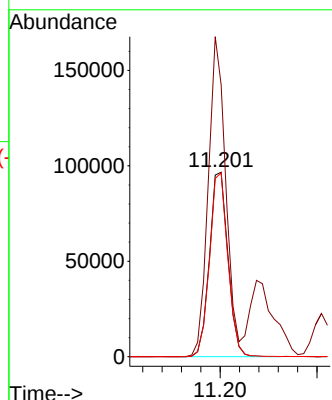
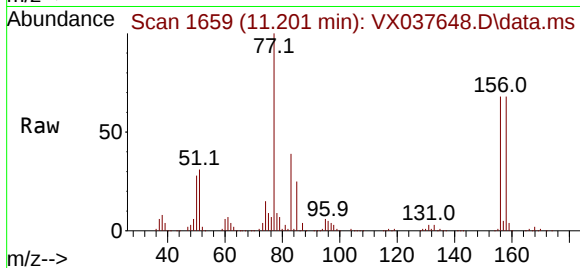
Tgt Ion:	156	Resp:	128634
Ion Ratio	Lower	Upper	
156	100		
77	163.3	88.4	265.3
158	98.3	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#78

n-propylbenzene

Concen: 49.751 ug/l

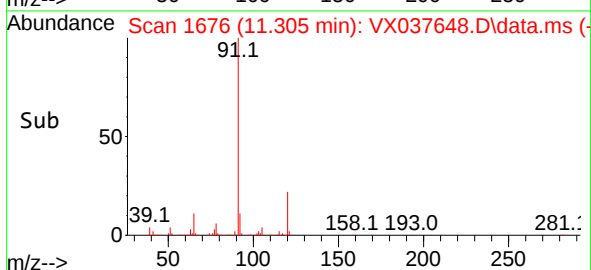
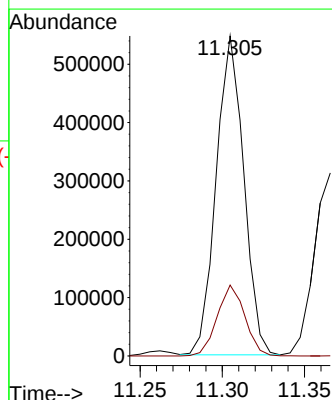
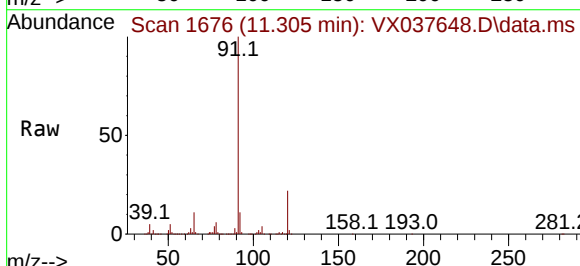
RT: 11.305 min Scan# 1676

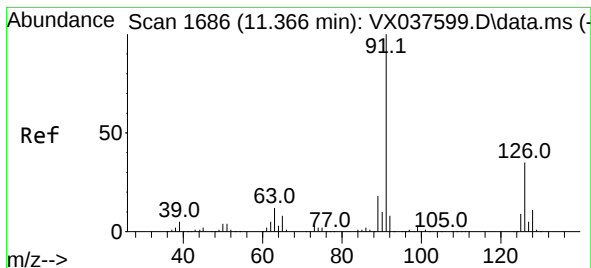
Delta R.T. -0.000 min

Lab File: VX037648.D

Acq: 11 Sep 2023 18:13

Tgt Ion:	91	Resp:	638099
Ion Ratio	Lower	Upper	
91	100		
120	22.3	11.5	34.4





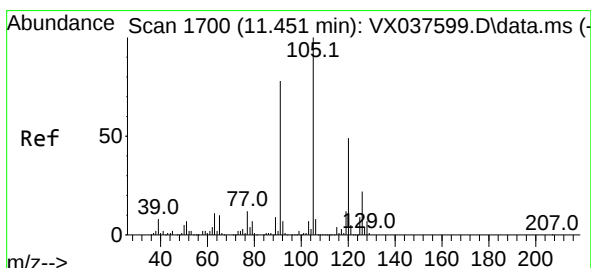
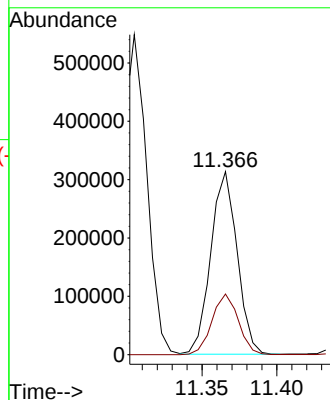
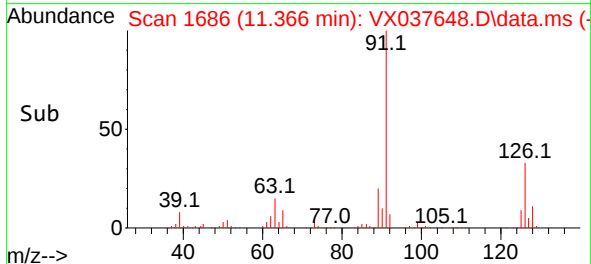
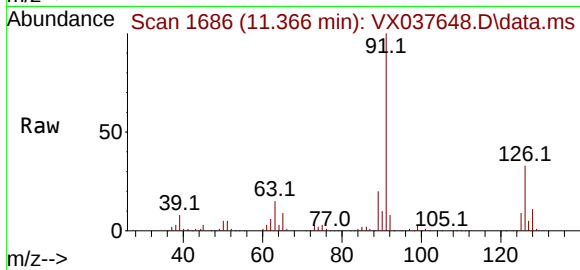
#79
2-Chlorotoluene
Concen: 48.584 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 383212
Ion Ratio Lower Upper
91 100
126 33.2 16.3 48.8

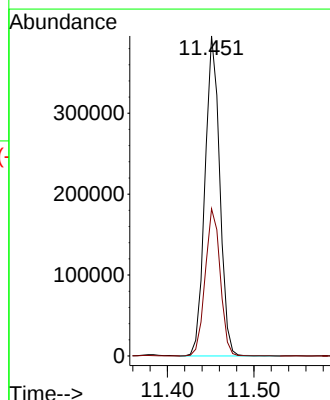
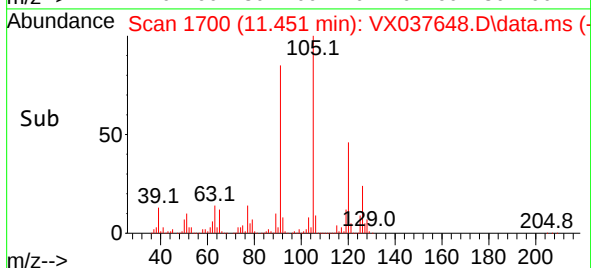
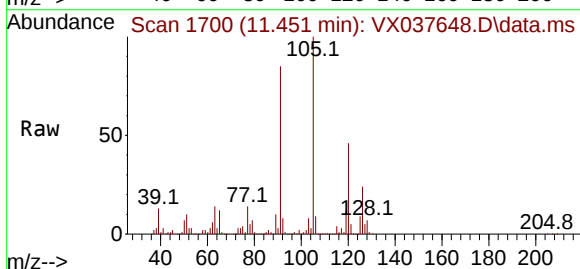
Manual Integrations
APPROVED

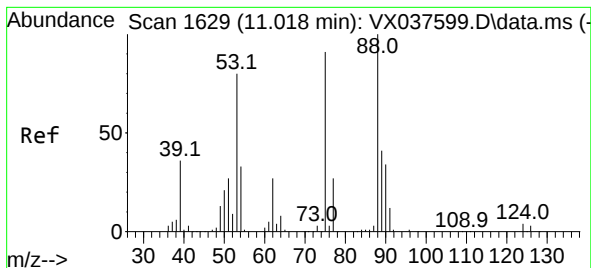
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#80
1,3,5-Trimethylbenzene
Concen: 49.765 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13

Tgt Ion:105 Resp: 467167
Ion Ratio Lower Upper
105 100
120 46.8 24.1 72.3





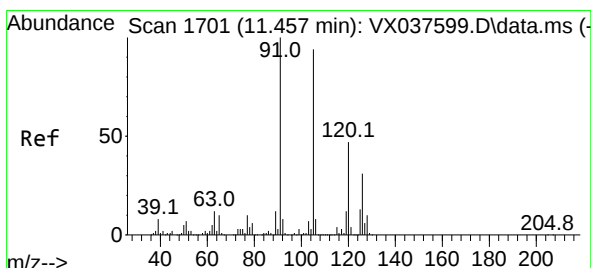
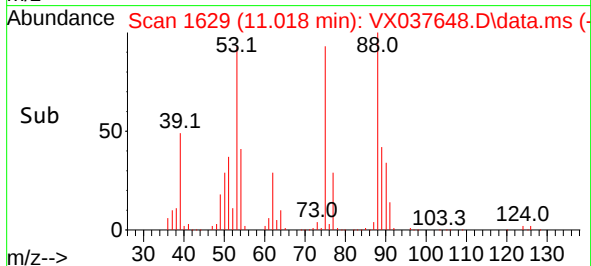
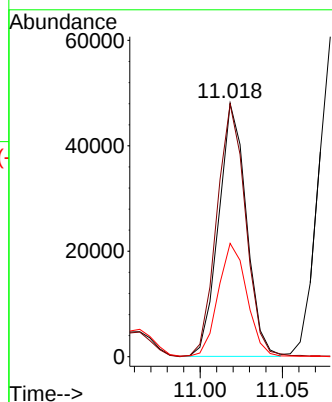
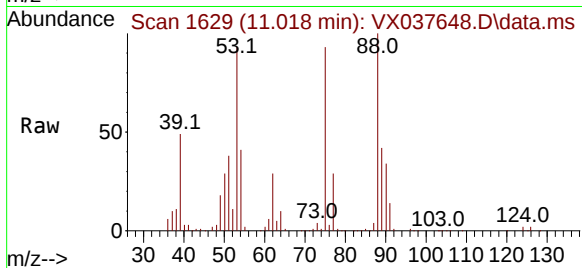
#81
trans-1,4-Dichloro-2-butene
Concen: 52.737 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 5632
Ion Ratio Lower Upper
75 100
53 103.9 90.5 135.7
89 46.5 36.9 55.3

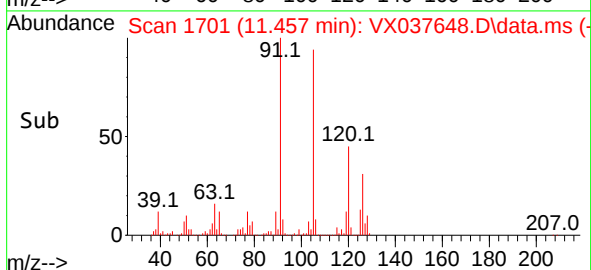
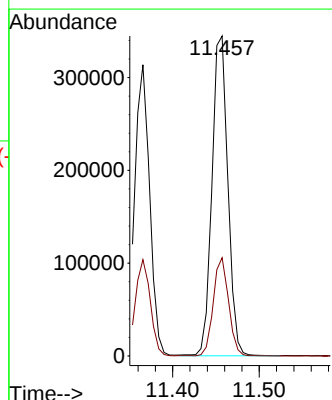
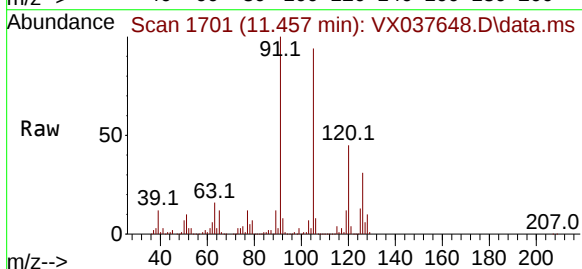
Manual Integrations
APPROVED

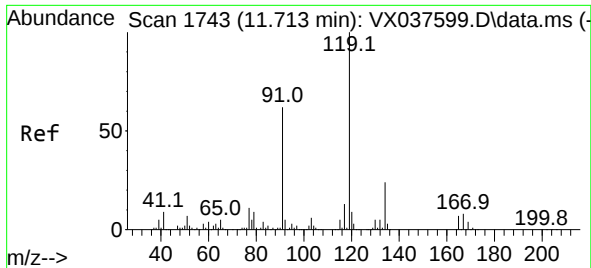
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#82
4-Chlorotoluene
Concen: 48.927 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13

Tgt Ion: 91 Resp: 439232
Ion Ratio Lower Upper
91 100
126 29.7 14.2 42.6





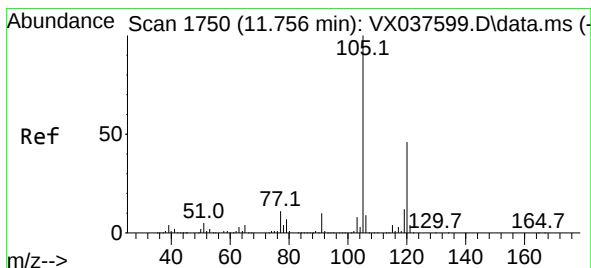
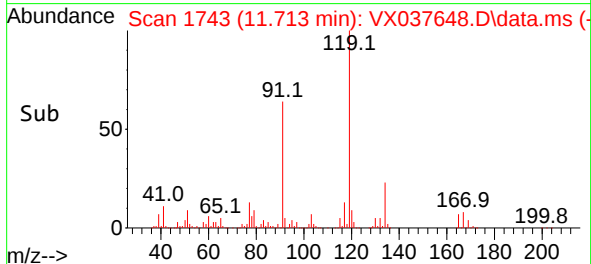
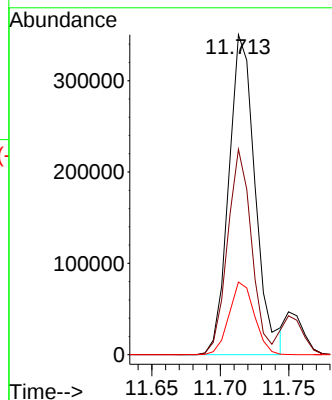
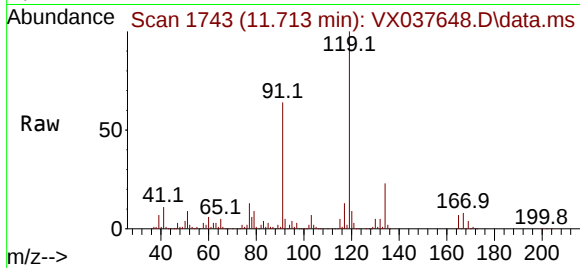
#83
tert-Butylbenzene
Concen: 50.307 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:119 Resp: 47088
Ion Ratio Lower Upper
119 100
91 58.5 31.2 93.6
134 21.8 11.7 35.0

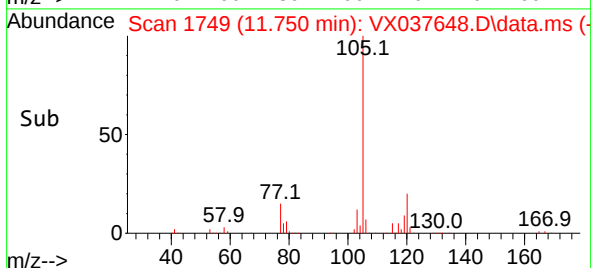
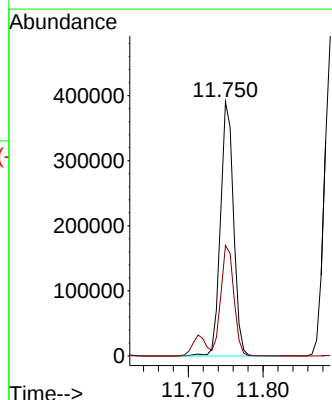
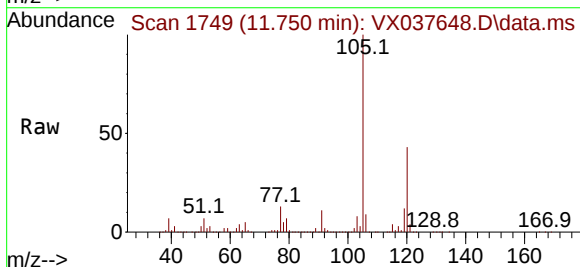
Manual Integrations
APPROVED

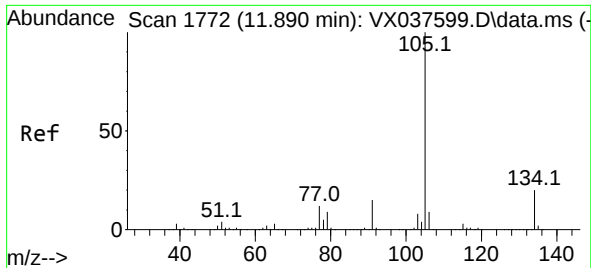
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#84
1,2,4-Trimethylbenzene
Concen: 50.300 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13

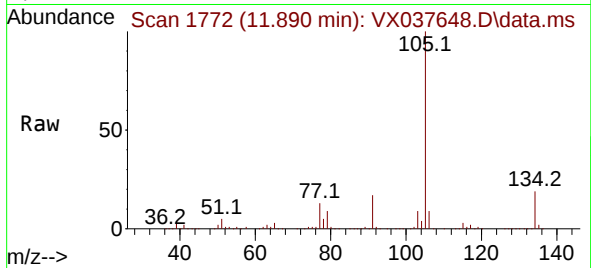
Tgt Ion:105 Resp: 474251
Ion Ratio Lower Upper
105 100
120 43.4 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 50.402 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX037648.D
 Acq: 11 Sep 2023 18:13

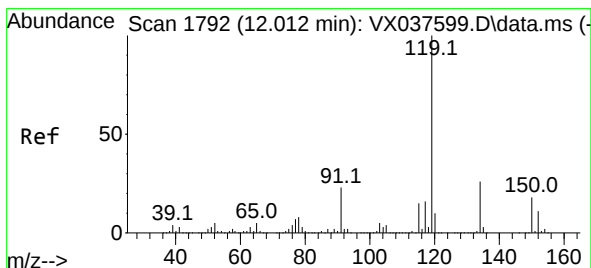
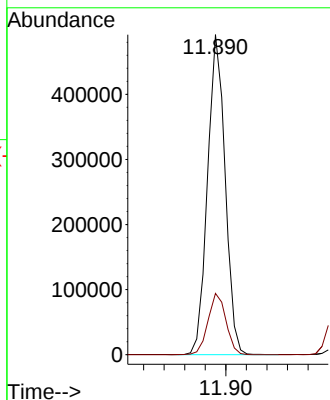
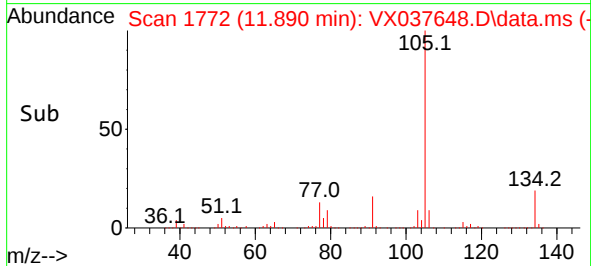
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050



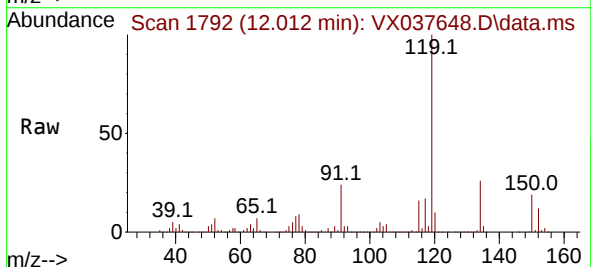
Tgt Ion:105 Resp: 584740
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.4

Manual Integrations
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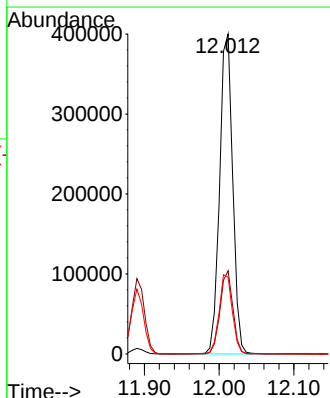
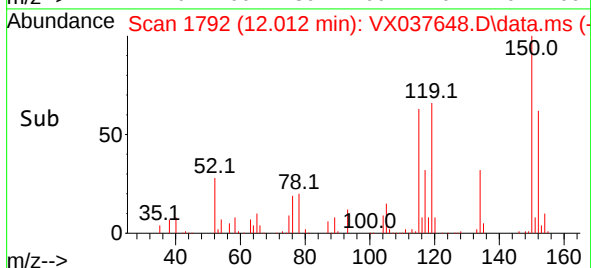
Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/12/2023

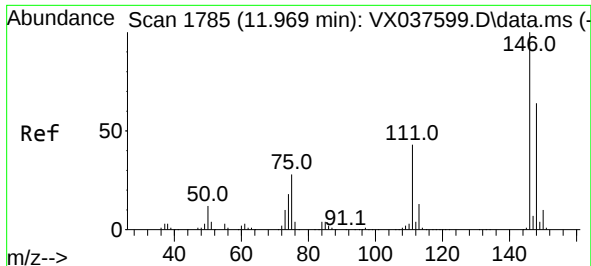


#86
 p-Isopropyltoluene
 Concen: 50.886 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX037648.D
 Acq: 11 Sep 2023 18:13



Tgt Ion:119 Resp: 486143
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.3
 91 24.9 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 48.797 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX037648.D

Acq: 11 Sep 2023 18:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 247264

Ion Ratio Lower Upper

146 100

111 42.1 22.1 66.1

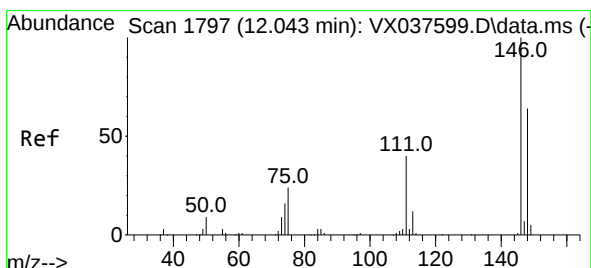
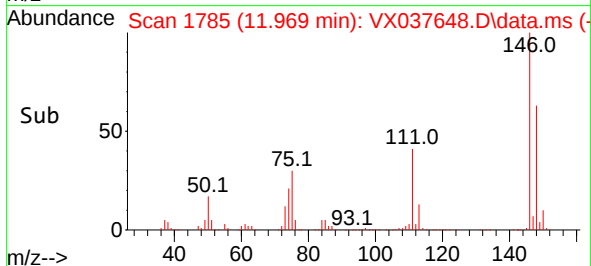
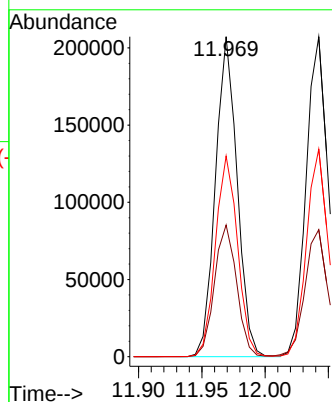
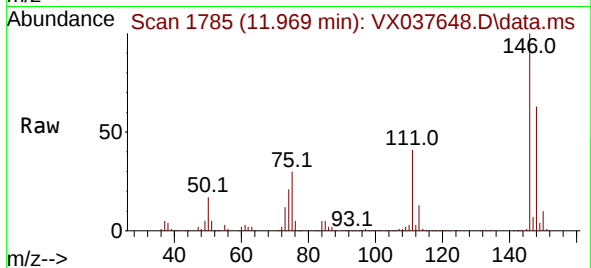
148 63.8 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#88

1,4-Dichlorobenzene

Concen: 48.244 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX037648.D

Acq: 11 Sep 2023 18:13

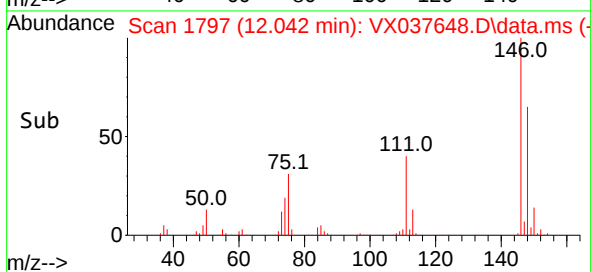
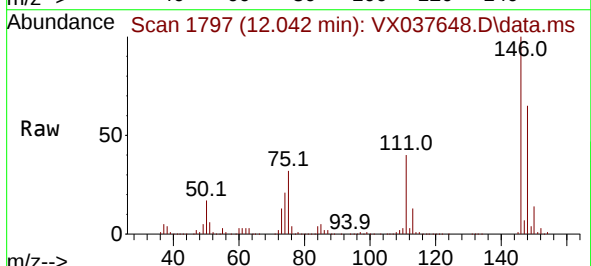
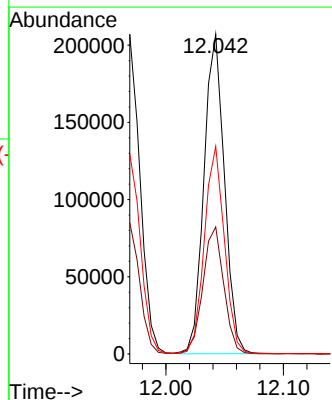
Tgt Ion:146 Resp: 250169

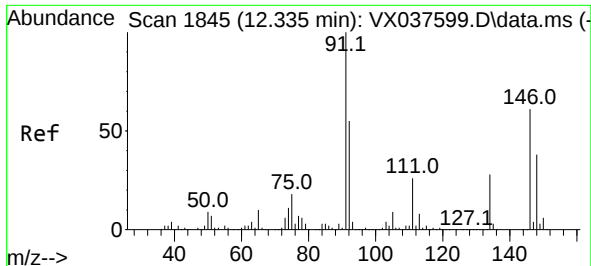
Ion Ratio Lower Upper

146 100

111 40.8 21.3 63.7

148 64.1 31.8 95.4





#89

n-Butylbenzene

Concen: 51.726 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX037648.D

Acq: 11 Sep 2023 18:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 442369

Ion Ratio Lower Upper

91 100

92 52.0 27.4 82.0

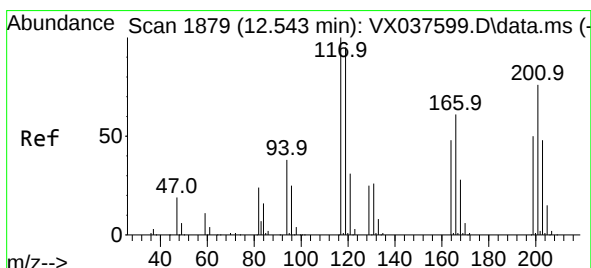
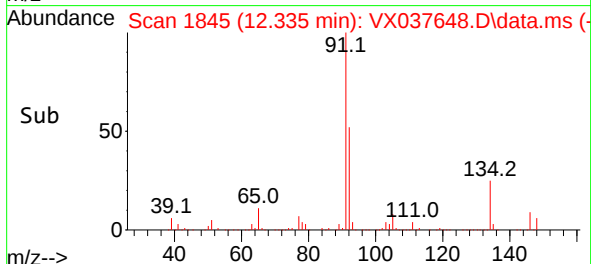
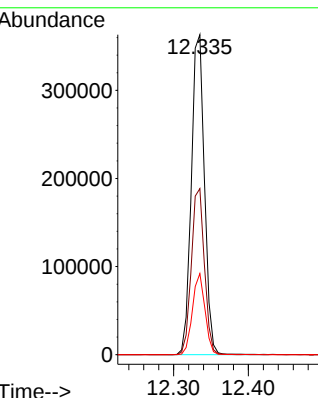
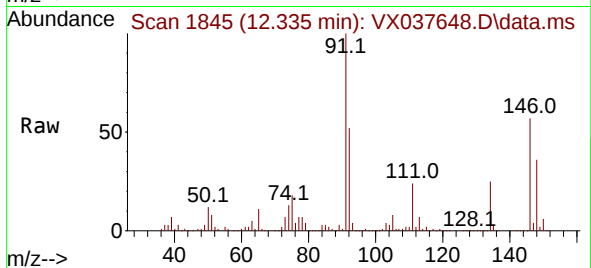
134 24.4 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#90

Hexachloroethane

Concen: 51.756 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VX037648.D

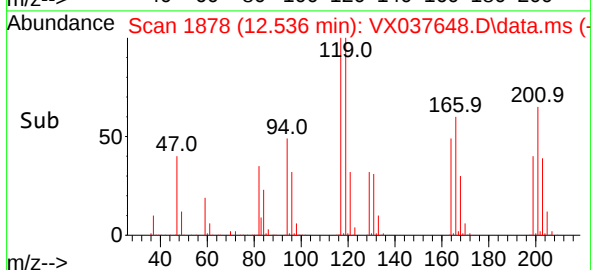
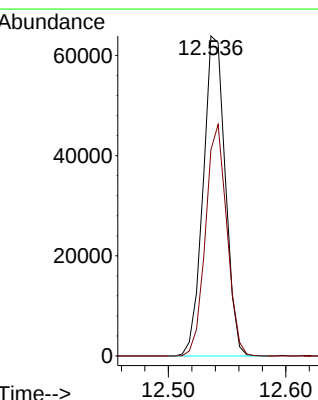
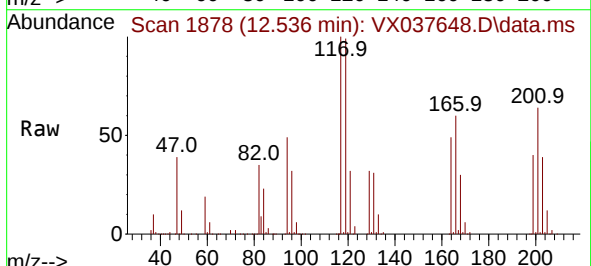
Acq: 11 Sep 2023 18:13

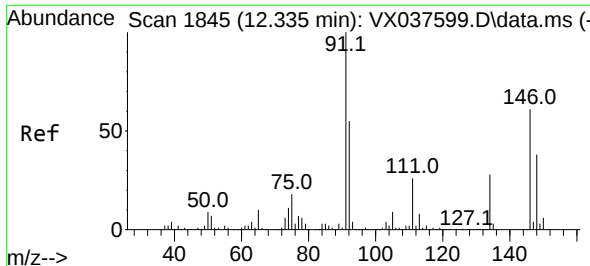
Tgt Ion:117 Resp: 83595

Ion Ratio Lower Upper

117 100

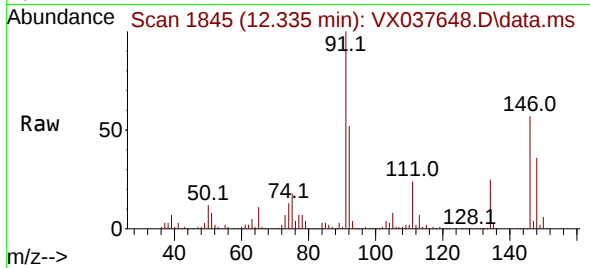
201 69.7 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 48.921 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13

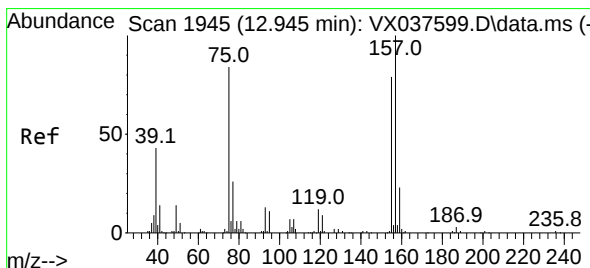
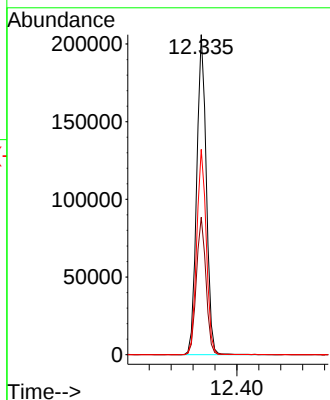
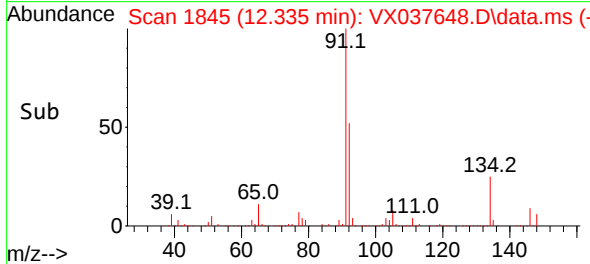
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:146 Resp: 252080
Ion Ratio Lower Upper
146 100
111 43.0 22.4 67.0
148 63.9 31.6 95.0

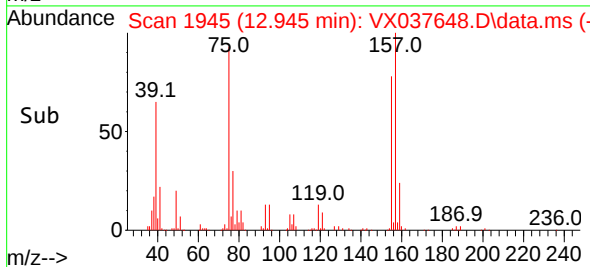
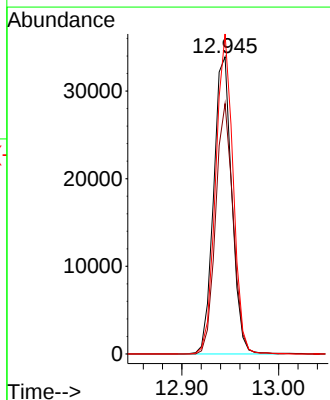
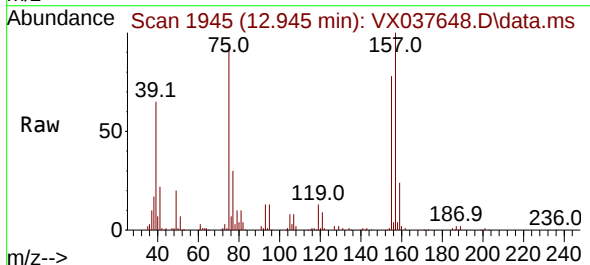
Manual Integrations
APPROVED

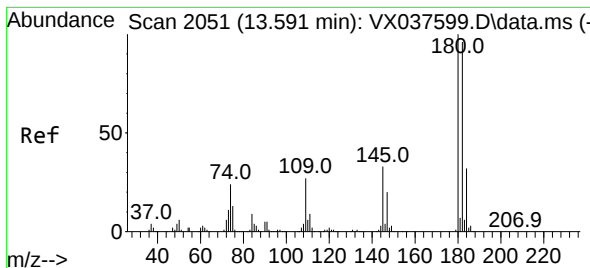
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.955 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13

Tgt Ion: 75 Resp: 44206
Ion Ratio Lower Upper
75 100
155 81.1 36.1 108.5
157 103.1 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 49.228 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX037648.D

Acq: 11 Sep 2023 18:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:180 Resp: 14733

Ion Ratio Lower Upper

180 100

182 93.9 48.3 144.8

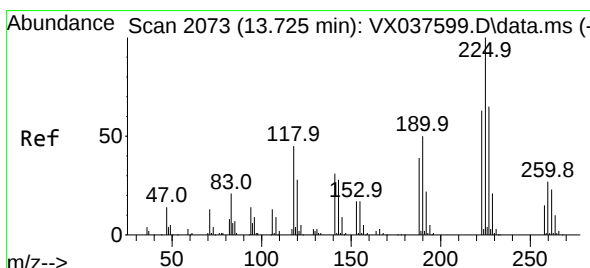
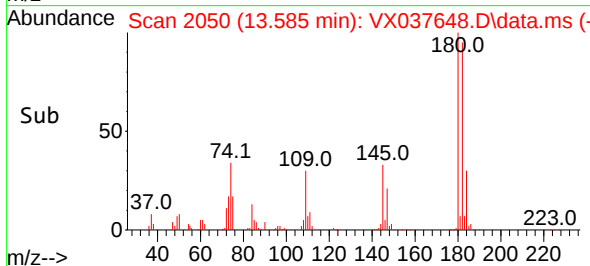
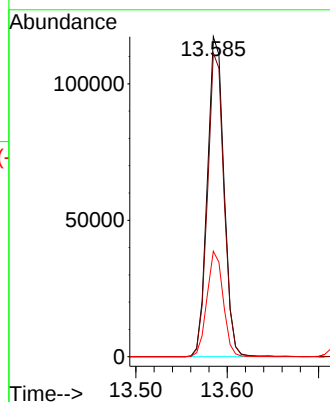
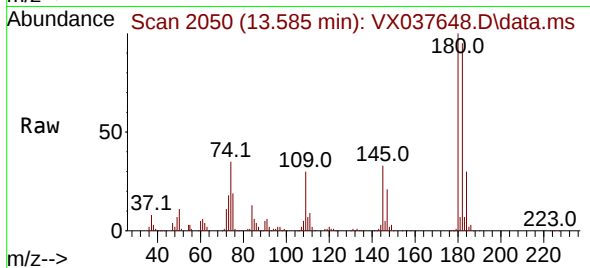
145 32.2 18.0 54.0

Manual Integrations

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#94

Hexachlorobutadiene

Concen: 48.861 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX037648.D

Acq: 11 Sep 2023 18:13

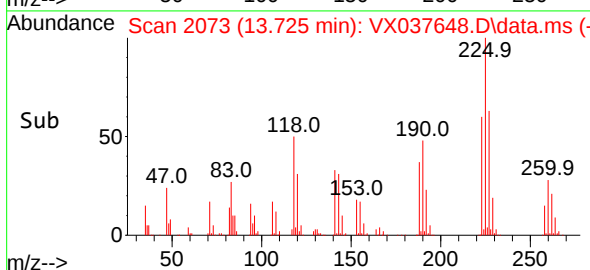
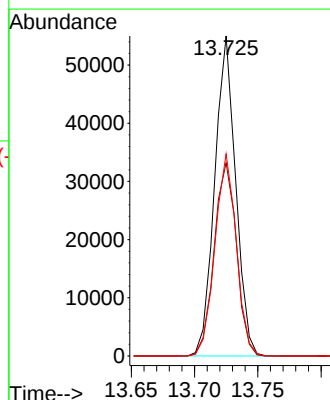
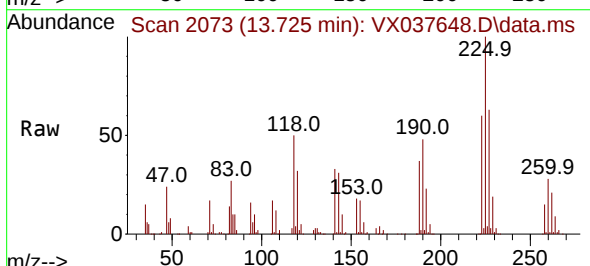
Tgt Ion:225 Resp: 63379

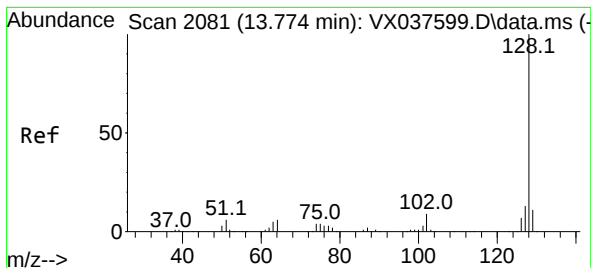
Ion Ratio Lower Upper

225 100

223 63.7 31.1 93.2

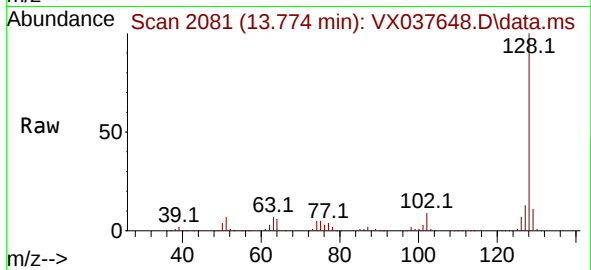
227 64.1 32.5 97.5





#95
Naphthalene
Concen: 51.274 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13

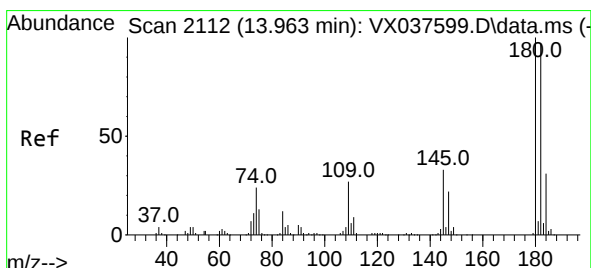
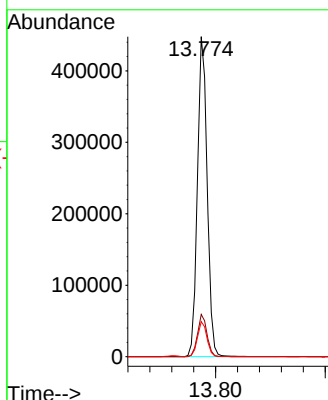
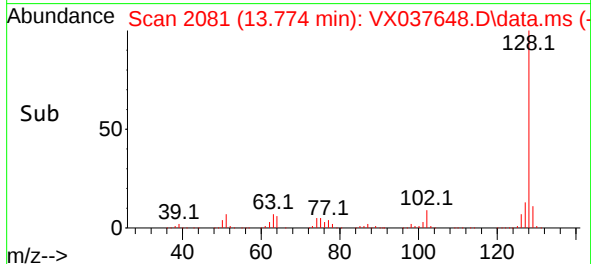
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



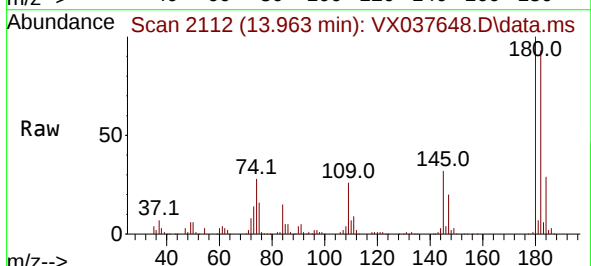
Tgt Ion:128 Resp: 555497
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.7 8.8 13.2

Manual Integrations
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Supervised By :Mahesh Dadoda 09/12/2023



#96
1,2,3-Trichlorobenzene
Concen: 48.286 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX037648.D
Acq: 11 Sep 2023 18:13



Tgt Ion:180 Resp: 149027
Ion Ratio Lower Upper
180 100
182 96.1 46.9 140.6
145 34.2 17.8 53.5

