

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082923\
 Data File : VX037357.D
 Acq On : 29 Aug 2023 23:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 30 02:11:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/30/2023
 Supervised By : Mahesh Dadoda 08/31/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	133414	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	236694	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224612	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119013	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	98624	51.276	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.560%			
35) Dibromofluoromethane	5.385	113	84496	53.903	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.800%			
50) Toluene-d8	8.647	98	298314	52.463	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.920%			
62) 4-Bromofluorobenzene	11.079	95	123760	55.384	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.760%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	82097	52.974	ug/l	97
3) Chloromethane	1.300	50	80966	59.718	ug/l	98
4) Vinyl Chloride	1.374	62	83625	56.664	ug/l	100
5) Bromomethane	1.599	94	42986	58.475	ug/l	98
6) Chloroethane	1.672	64	46040	53.014	ug/l	97
7) Trichlorofluoromethane	1.880	101	126741	52.427	ug/l	99
8) Diethyl Ether	2.136	74	52719	56.366	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.325	101	71388	50.619	ug/l	97
10) Methyl Iodide	2.447	142	79825	46.571	ug/l	94
11) Tert butyl alcohol	2.971	59	120983	268.145	ug/l #	93
12) 1,1-Dichloroethene	2.312	96	73011	53.162	ug/l	86
13) Acrolein	2.233	56	52904	154.133	ug/l	98
14) Allyl chloride	2.660	41	107269	50.462	ug/l #	88
15) Acrylonitrile	3.062	53	231641	287.642	ug/l	99
16) Acetone	2.380	43	192830	256.268	ug/l	90
17) Carbon Disulfide	2.508	76	173044	49.535	ug/l	98
18) Methyl Acetate	2.703	43	153052	54.022	ug/l #	86
19) Methyl tert-butyl Ether	3.117	73	279974	53.752	ug/l	97
20) Methylene Chloride	2.788	84	89921	53.438	ug/l #	84
21) trans-1,2-Dichloroethene	3.087	96	81423	52.154	ug/l	86
22) Diisopropyl ether	3.763	45	235856	54.070	ug/l #	81
23) Vinyl Acetate	3.721	43	892174	266.902	ug/l #	89
24) 1,1-Dichloroethane	3.611	63	147946	54.085	ug/l	97
25) 2-Butanone	4.556	43	305781	269.893	ug/l #	84
26) 2,2-Dichloropropane	4.477	77	87830	35.953	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	99109	53.849	ug/l	85
28) Bromochloromethane	4.897	49	61403	50.250	ug/l #	72
29) Tetrahydrofuran	5.007	42	196310	271.699	ug/l #	82
30) Chloroform	5.092	83	163694	53.309	ug/l	97
31) Cyclohexane	5.470	56	113140	52.314	ug/l	85
32) 1,1,1-Trichloroethane	5.385	97	143104	52.006	ug/l	96
36) 1,1-Dichloropropene	5.690	75	109669	49.243	ug/l	97
37) Ethyl Acetate	4.714	43	116559	51.235	ug/l #	92
38) Carbon Tetrachloride	5.678	117	122650	50.698	ug/l	99
39) Methylcyclohexane	7.379	83	130650	55.836	ug/l	89
40) Benzene	6.037	78	342395	53.606	ug/l	98

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 Supervised By : Mahesh Dadoda 08/31/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	64439	54.487	ug/l #	87
42) 1,2-Dichloroethane	6.086	62	125353	50.045	ug/l	94
43) Isopropyl Acetate	6.342	43	186839	51.730	ug/l #	90
44) Trichloroethene	7.129	130	91060	50.277	ug/l	92
45) 1,2-Dichloropropane	7.434	63	85671	54.397	ug/l	99
46) Dibromomethane	7.580	93	65810	53.043	ug/l	92
47) Bromodichloromethane	7.824	83	126840	53.375	ug/l	98
48) Methyl methacrylate	7.696	41	91246	51.803	ug/l #	83
49) 1,4-Dioxane	7.659	88	55539	1170.776	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	599450	273.323	ug/l	89
52) Toluene	8.720	92	225672	53.474	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	129748	51.278	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	138844	50.778	ug/l #	84
55) 1,1,2-Trichloroethane	9.153	97	96395	56.094	ug/l	98
56) Ethyl methacrylate	9.116	69	149432	55.516	ug/l #	83
57) 1,3-Dichloropropane	9.305	76	158534	54.725	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	340840	263.862	ug/l	92
59) 2-Hexanone	9.433	43	469442	280.724	ug/l	87
60) Dibromochloromethane	9.525	129	102563	56.057	ug/l	100
61) 1,2-Dibromoethane	9.610	107	104104	55.331	ug/l	100
64) Tetrachloroethene	9.275	164	75154	45.866	ug/l	98
65) Chlorobenzene	10.079	112	248620	52.371	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	94622	54.005	ug/l	99
67) Ethyl Benzene	10.195	91	436182	52.216	ug/l	99
68) m/p-Xylenes	10.299	106	340513	105.557	ug/l	97
69) o-Xylene	10.640	106	171393	53.852	ug/l	98
70) Styrene	10.652	104	289949	55.306	ug/l	96
71) Bromoform	10.799	173	76940	58.706	ug/l #	99
73) Isopropylbenzene	10.963	105	437220	50.543	ug/l	98
74) N-amyl acetate	10.841	43	170274	50.658	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	154840	53.150	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	126439m	49.885	ug/l	
77) Bromobenzene	11.195	156	109645	51.899	ug/l	91
78) n-propylbenzene	11.305	91	495160	51.406	ug/l	99
79) 2-Chlorotoluene	11.366	91	313226	50.885	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	382374	52.990	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	40898	45.069	ug/l	86
82) 4-Chlorotoluene	11.451	91	357141	50.262	ug/l	98
83) tert-Butylbenzene	11.713	119	378249	54.963	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	382135	52.399	ug/l	97
85) sec-Butylbenzene	11.890	105	459218	57.129	ug/l	99
86) p-Isopropyltoluene	12.006	119	396755	57.336	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	205691	52.003	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	205826	50.367	ug/l	99
89) n-Butylbenzene	12.335	91	323026	56.305	ug/l	99
90) Hexachloroethane	12.536	117	70637	61.159	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	207599	53.599	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	36003	53.187	ug/l	81
93) 1,2,4-Trichlorobenzene	13.585	180	122801	54.186	ug/l	98
94) Hexachlorobutadiene	13.725	225	50349	57.508	ug/l	99
95) Naphthalene	13.774	128	461469	46.485	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	124919	55.481	ug/l	98

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MSVOA_X
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VSTDCCC050

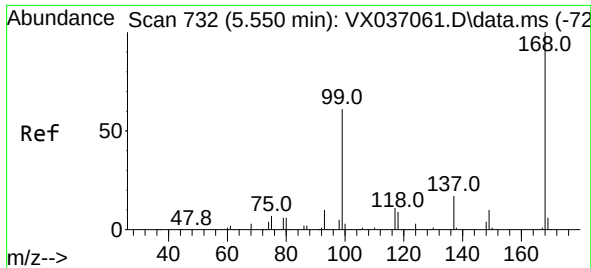
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 08/31/2023

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QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration

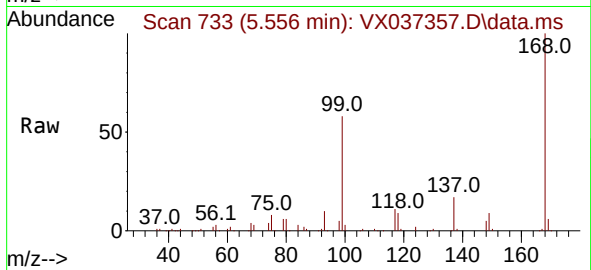
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
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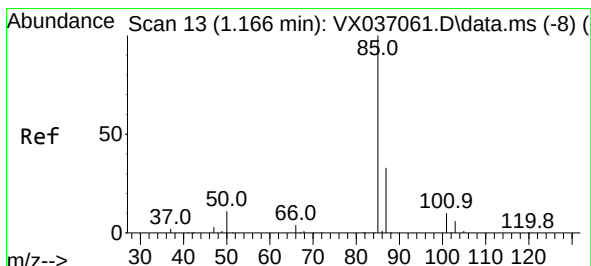
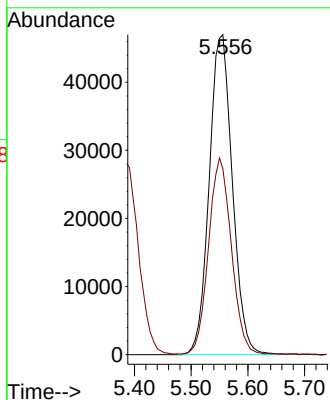
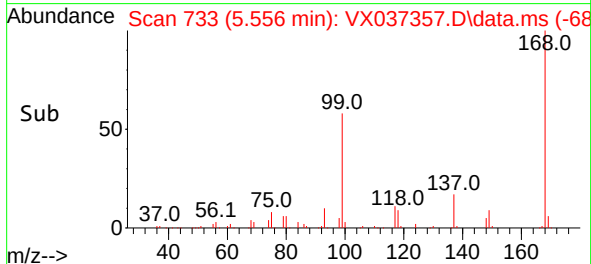
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 133414
Ion Ratio Lower Upper
168 100
99 58.0 56.6 85.0

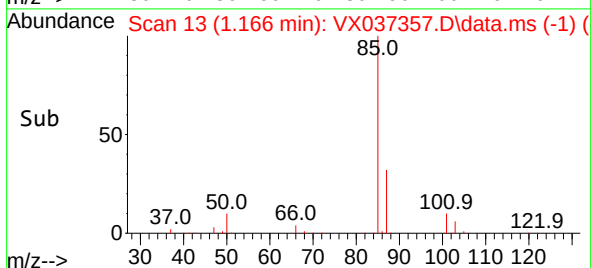
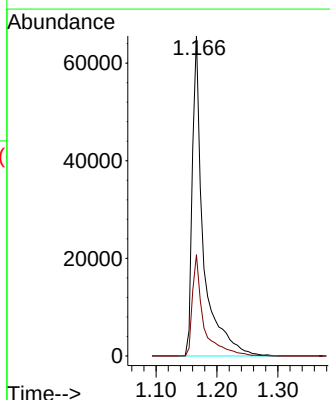
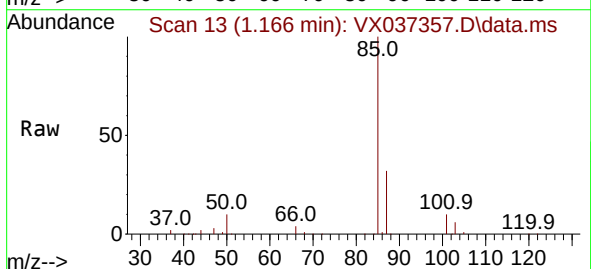
Manual Integrations
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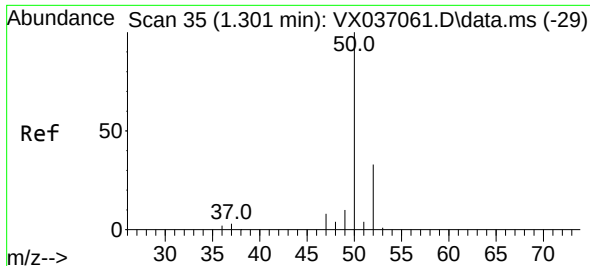
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#2
Dichlorodifluoromethane
Concen: 52.974 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24

Tgt Ion: 85 Resp: 82097
Ion Ratio Lower Upper
85 100
87 31.7 16.7 50.1





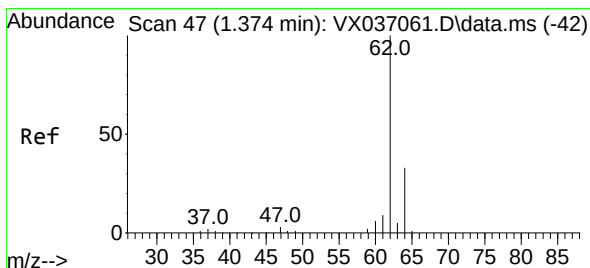
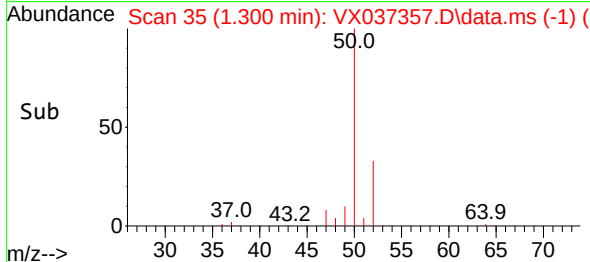
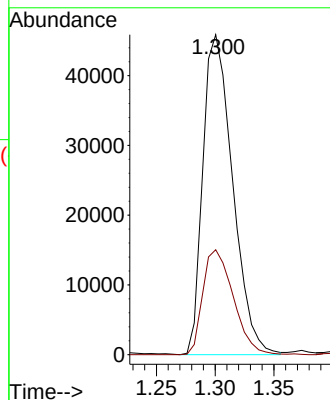
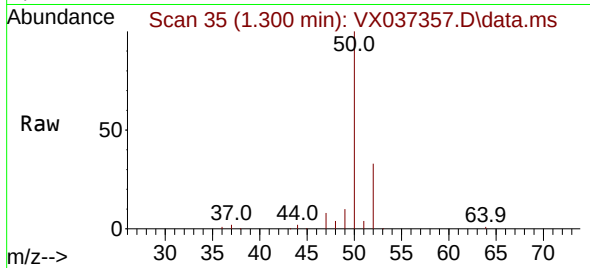
#3
Chloromethane
Concen: 59.718 ug/l
RT: 1.300 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 50 Resp: 80960
Ion Ratio Lower Upper
50 100
52 32.8 25.5 38.3

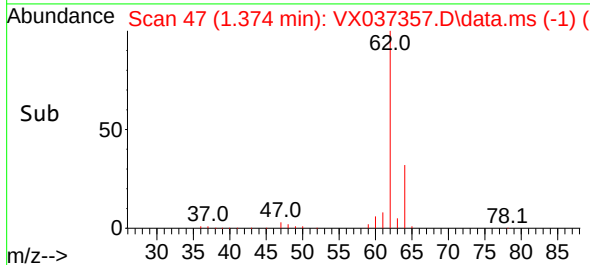
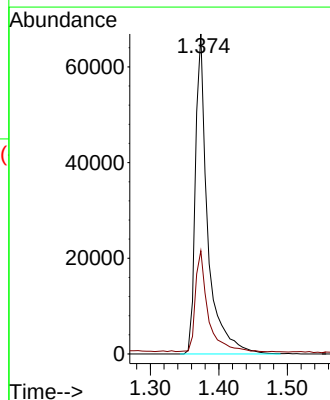
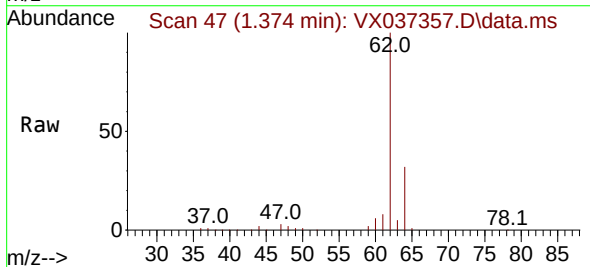
Manual Integrations
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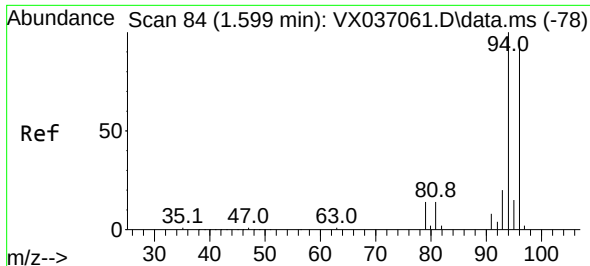
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#4
Vinyl Chloride
Concen: 56.664 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24

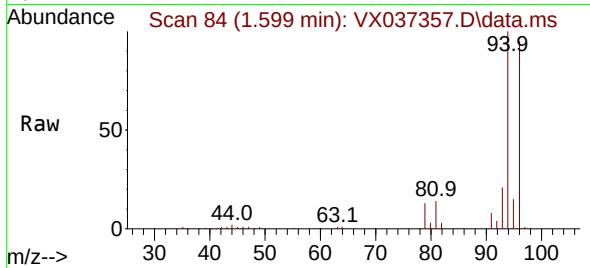
Tgt Ion: 62 Resp: 83625
Ion Ratio Lower Upper
62 100
64 31.5 25.4 38.0





#5
Bromomethane
Concen: 58.475 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX037357.D
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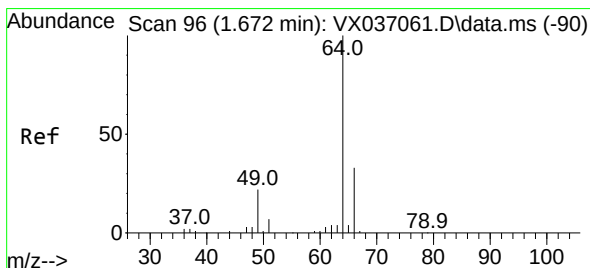
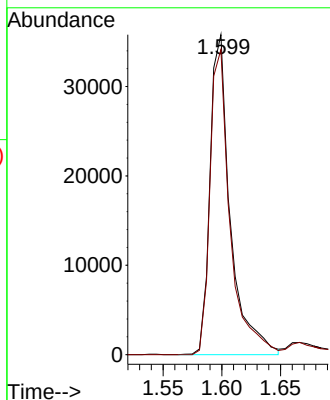
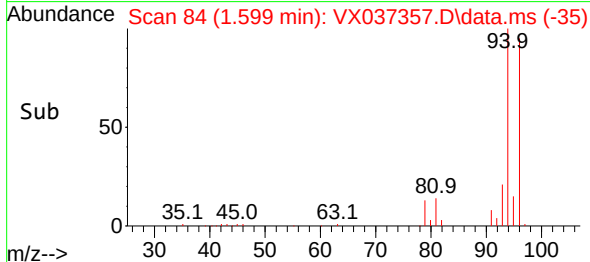
Instrument :
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Tgt Ion: 94 Resp: 42980
Ion Ratio Lower Upper
94 100
96 95.4 74.6 111.8

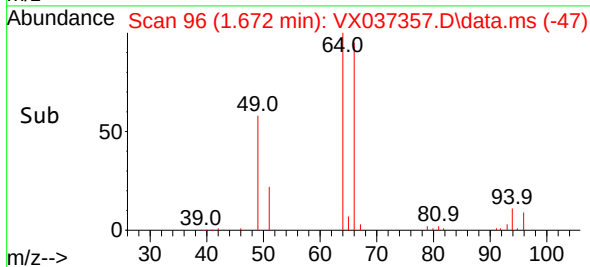
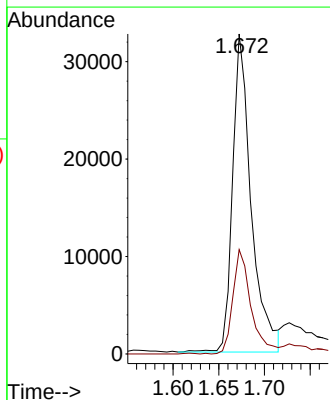
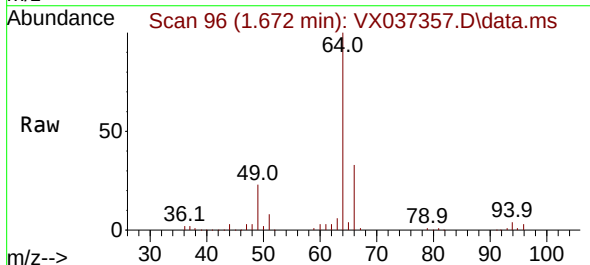
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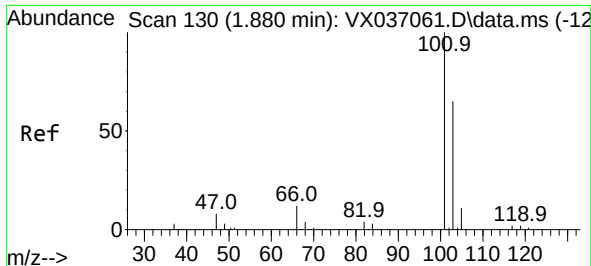
Reviewed By :John Carlone 08/30/2023
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#6
Chloroethane
Concen: 53.014 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.000 min
Lab File: VX037357.D
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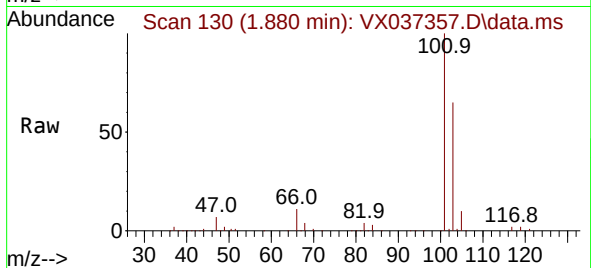
Tgt Ion: 64 Resp: 46040
Ion Ratio Lower Upper
64 100
66 32.8 25.1 37.7





#7
Trichlorofluoromethane
Concen: 52.427 ug/l
RT: 1.880 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24

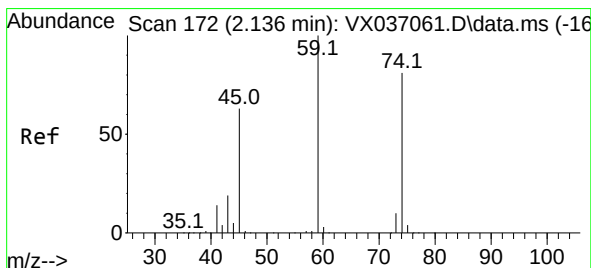
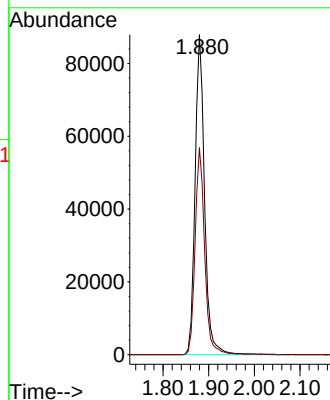
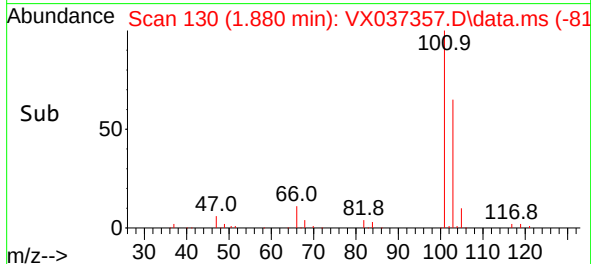
Instrument :
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ClientSampleId :
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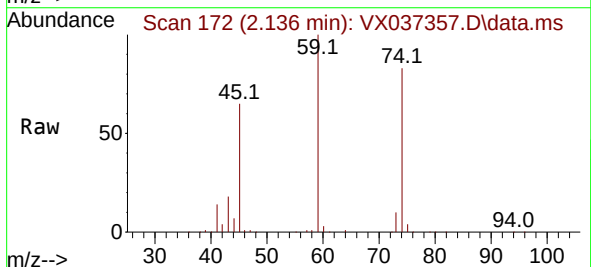
Tgt Ion:101 Resp: 12674
Ion Ratio Lower Upper
101 100
103 64.7 51.4 77.2

Manual Integrations
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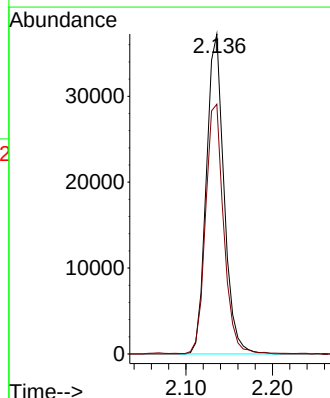
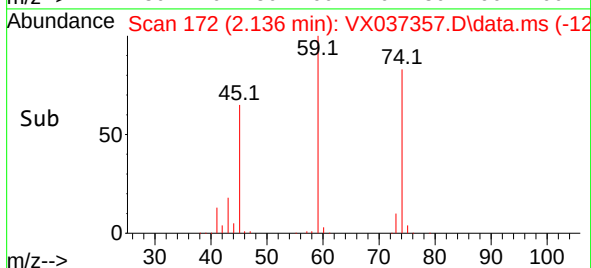
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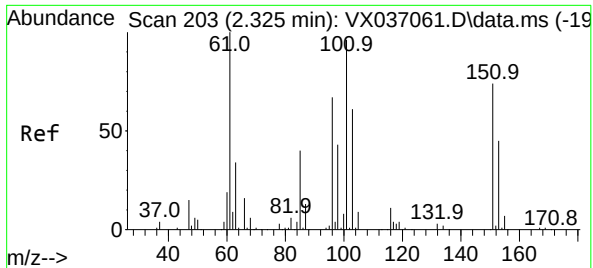


#8
Diethyl Ether
Concen: 56.366 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 52719
Ion Ratio Lower Upper
74 100
45 79.8 53.3 159.8





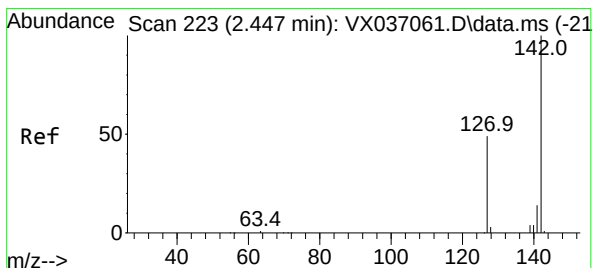
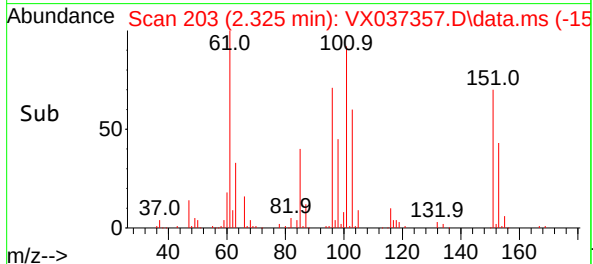
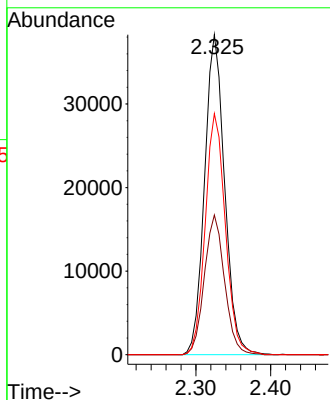
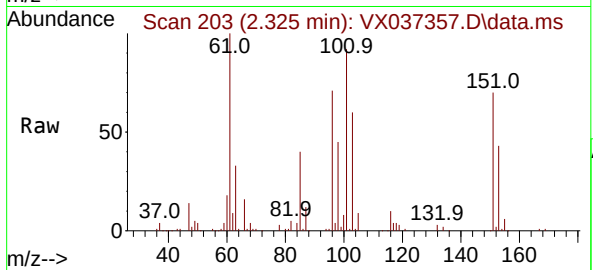
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.619 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 7138
Ion Ratio Lower Upper
101 100
85 43.9 37.0 55.6
151 75.7 58.6 87.8

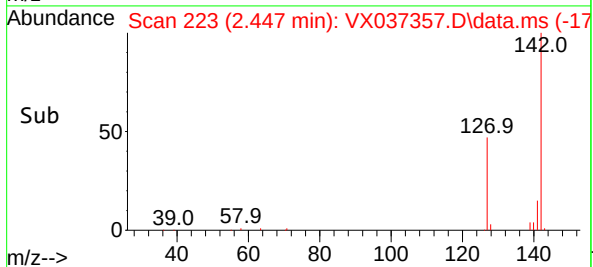
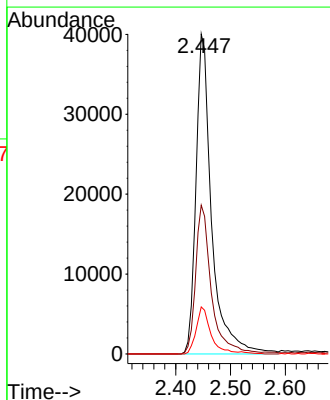
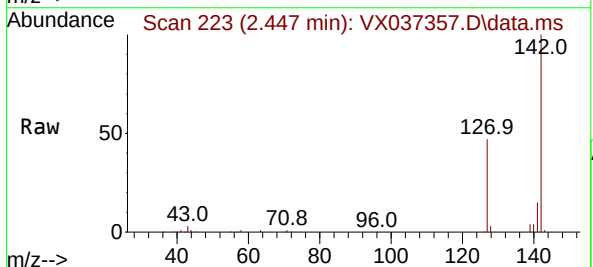
Manual Integrations
APPROVED

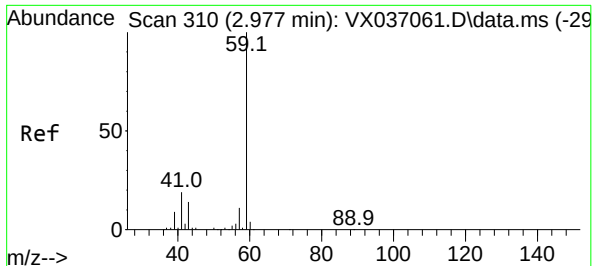
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#10
Methyl Iodide
Concen: 46.571 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24

Tgt Ion:142 Resp: 79825
Ion Ratio Lower Upper
142 100
127 46.7 41.6 62.4
141 14.1 11.6 17.4





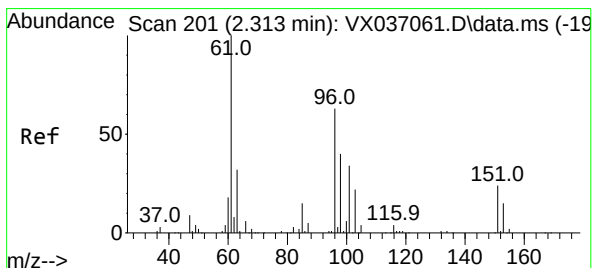
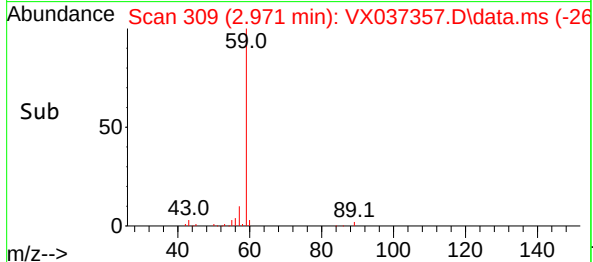
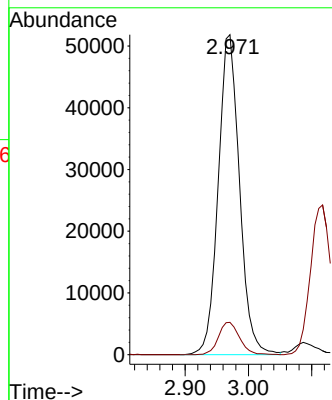
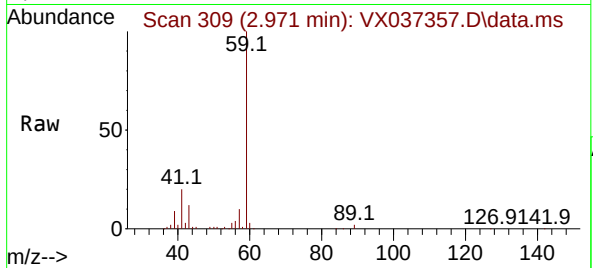
#11
Tert butyl alcohol
Concen: 268.145 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 120983
Ion Ratio Lower Upper
59 100
57 10.0 6.0 9.0

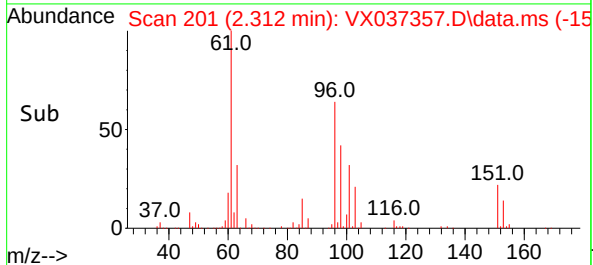
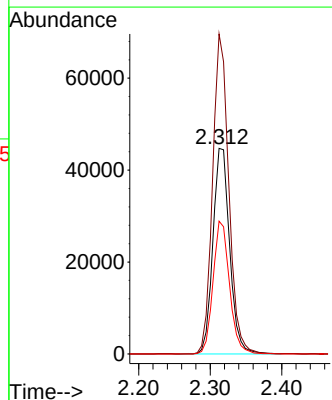
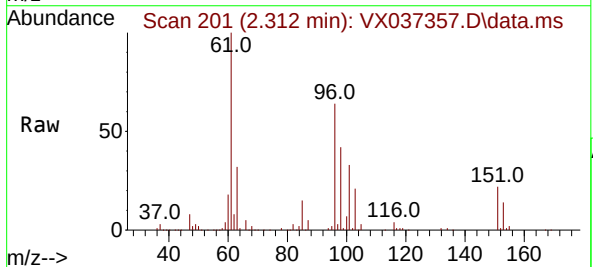
Manual Integrations
APPROVED

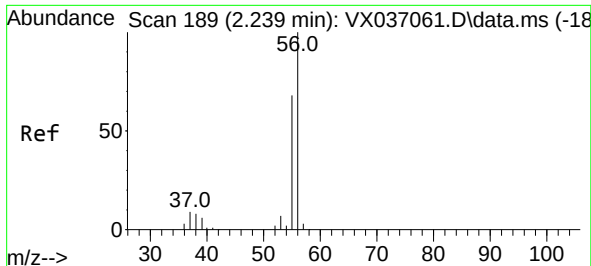
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#12
1,1-Dichloroethene
Concen: 53.162 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24

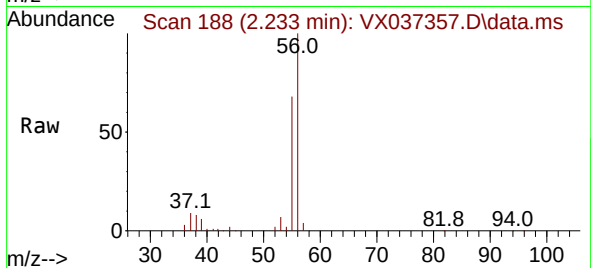
Tgt Ion: 96 Resp: 73011
Ion Ratio Lower Upper
96 100
61 155.7 144.6 216.8
98 64.6 50.4 75.6





#13
Acrolein
Concen: 154.133 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24

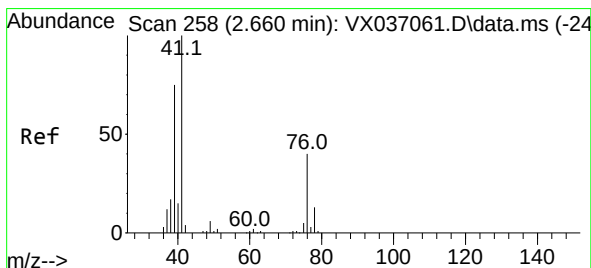
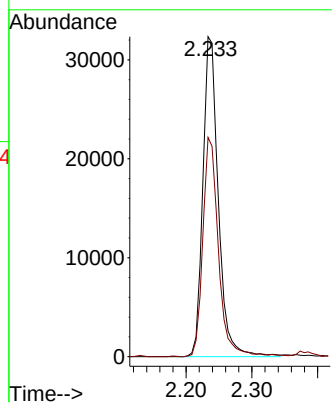
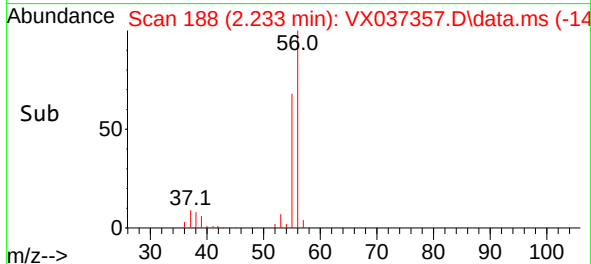
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 52904
Ion Ratio Lower Upper
56 100
55 69.6 57.1 85.7

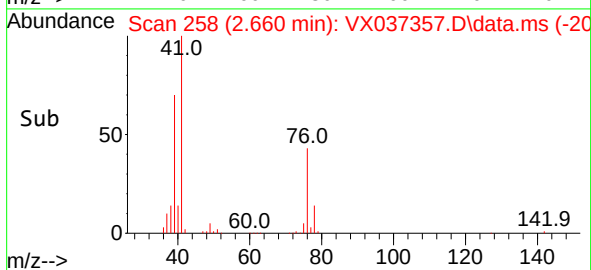
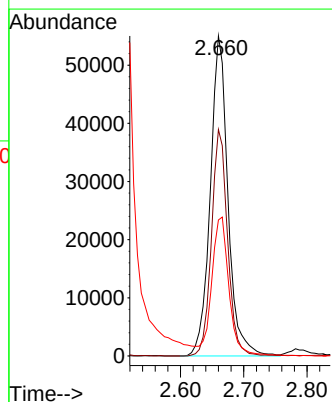
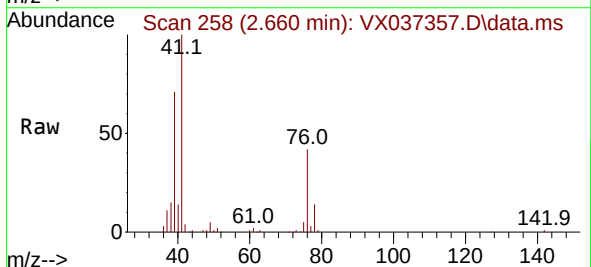
Manual Integrations
APPROVED

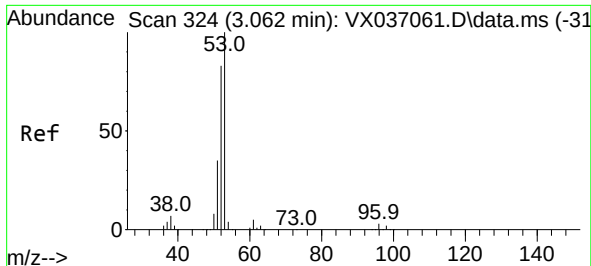
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#14
Allyl chloride
Concen: 50.462 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24

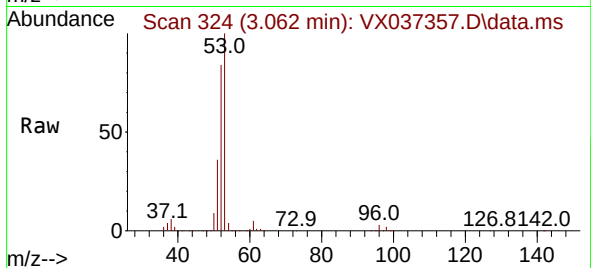
Tgt Ion: 41 Resp: 107269
Ion Ratio Lower Upper
41 100
39 64.3 55.8 83.6
76 42.9 24.3 36.5





#15
Acrylonitrile
Concen: 287.642 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24

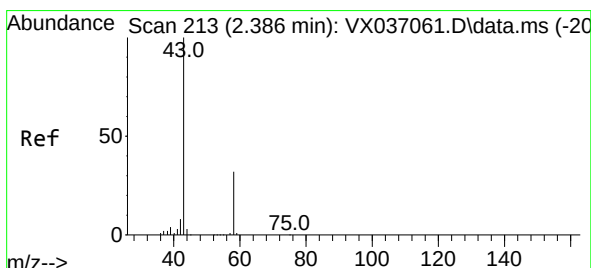
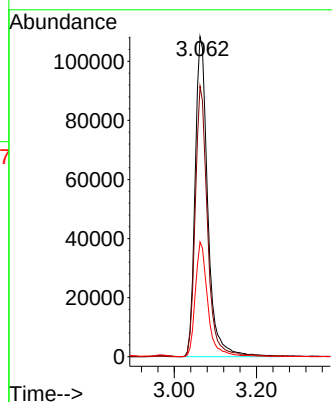
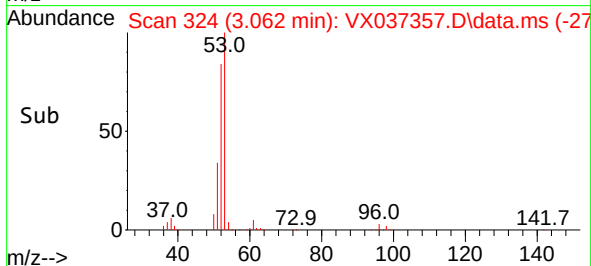
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 23164
Ion Ratio Lower Upper
53 100
52 82.3 66.0 99.0
51 35.6 29.8 44.6

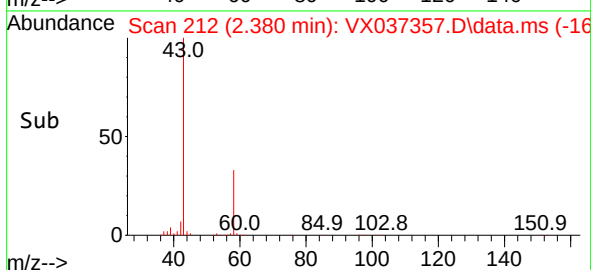
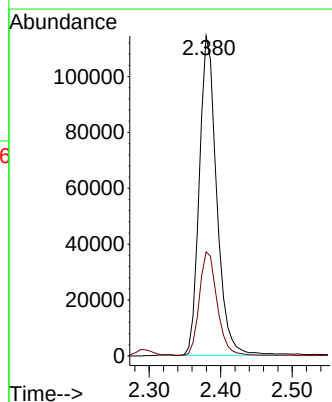
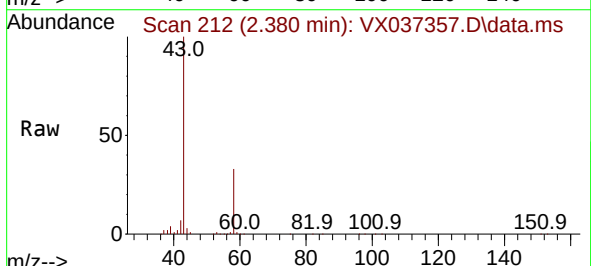
Manual Integrations
APPROVED

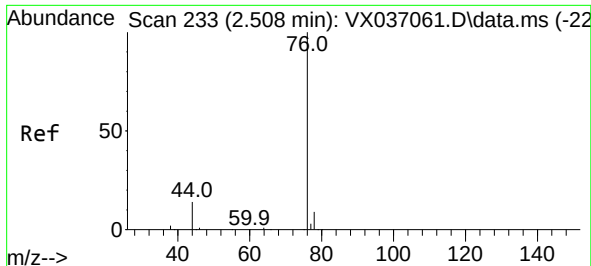
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#16
Acetone
Concen: 256.268 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24

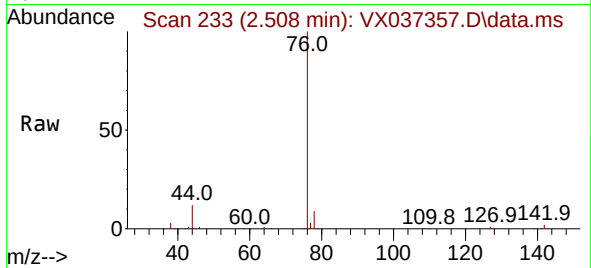
Tgt Ion: 43 Resp: 192830
Ion Ratio Lower Upper
43 100
58 32.4 21.9 32.9





#17
Carbon Disulfide
Concen: 49.535 ug/l
RT: 2.508 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24

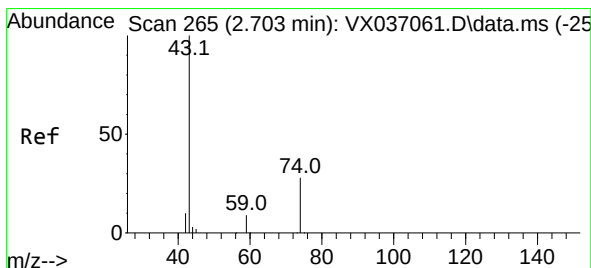
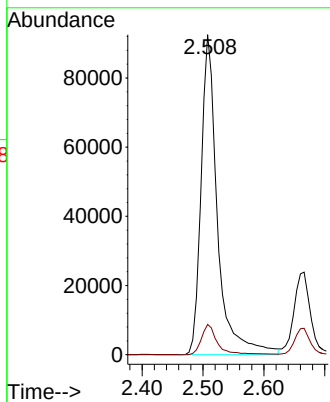
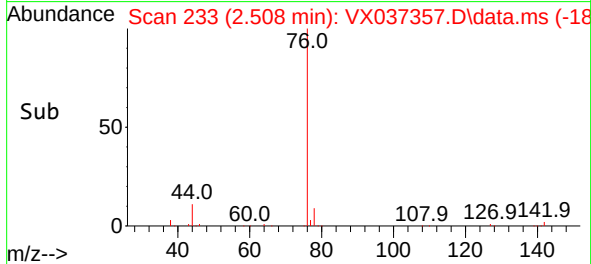
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 173044
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6

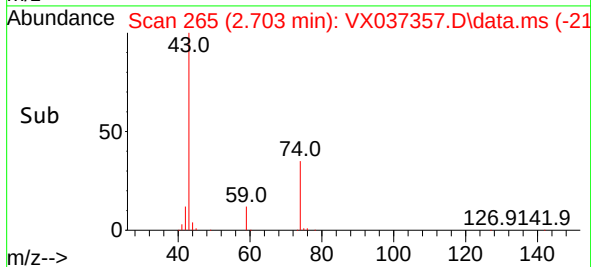
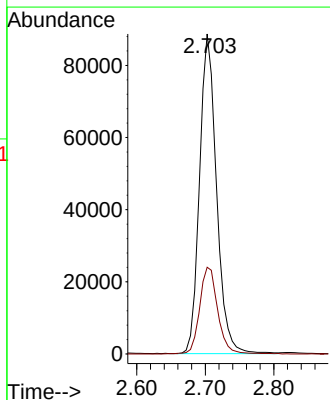
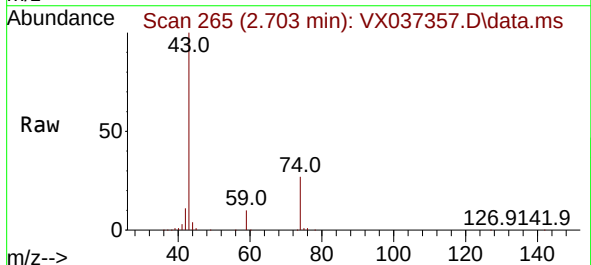
Manual Integrations
APPROVED

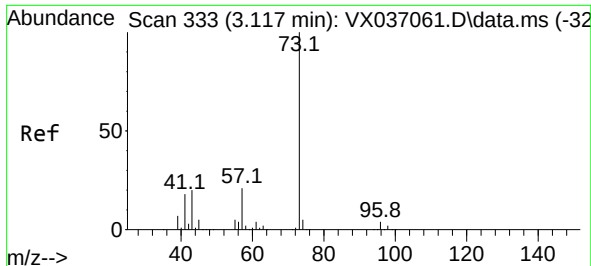
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#18
Methyl Acetate
Concen: 54.022 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24

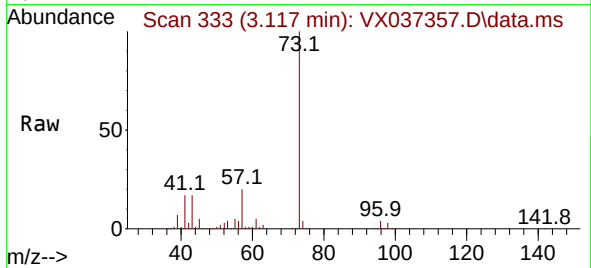
Tgt Ion: 43 Resp: 153052
Ion Ratio Lower Upper
43 100
74 28.8 17.8 26.8#





#19
Methyl tert-butyl Ether
Concen: 53.752 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24

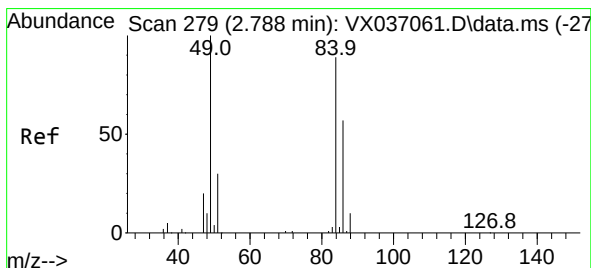
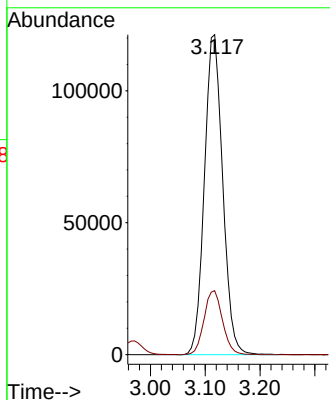
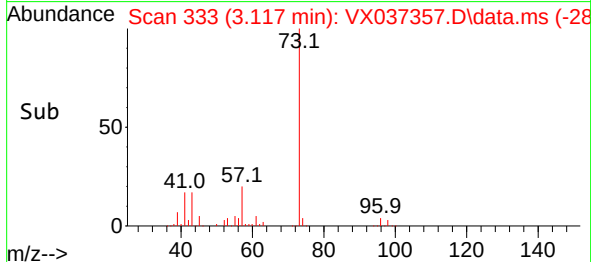
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 279974
Ion Ratio Lower Upper
73 100
57 20.0 17.3 25.9

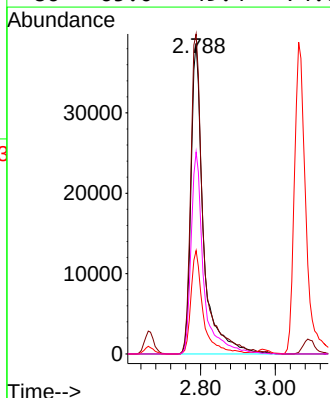
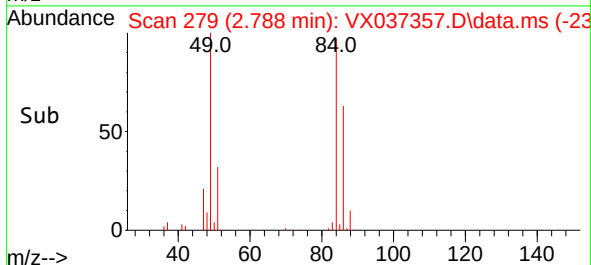
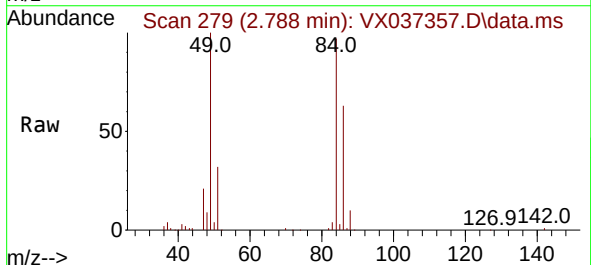
Manual Integrations
APPROVED

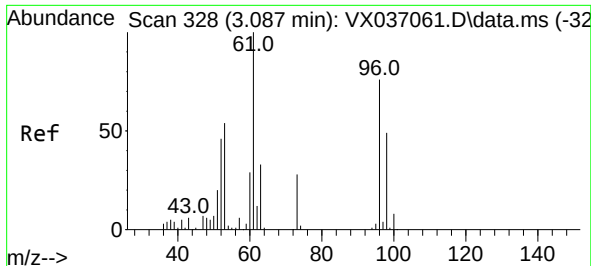
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#20
Methylene Chloride
Concen: 53.438 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24

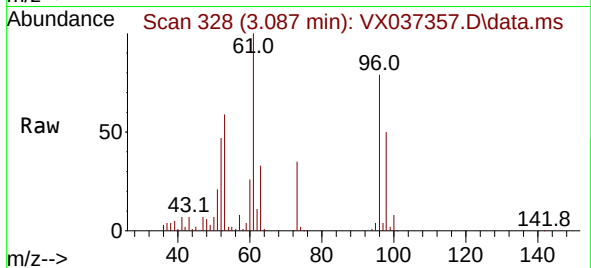
Tgt Ion: 84 Resp: 89921
Ion Ratio Lower Upper
84 100
49 103.0 103.6 155.4#
51 33.3 33.8 50.6#
86 65.0 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 52.154 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24

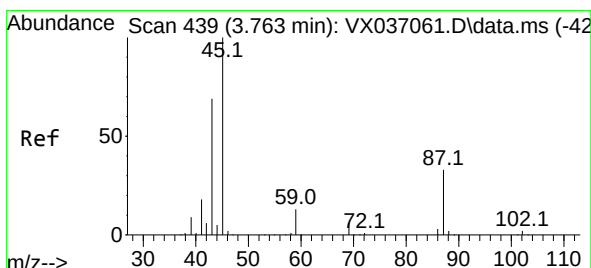
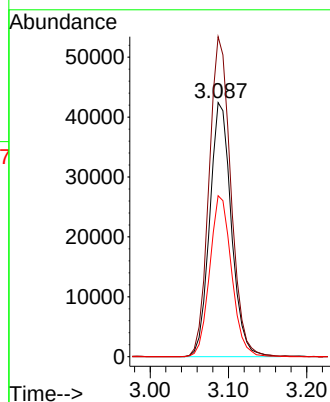
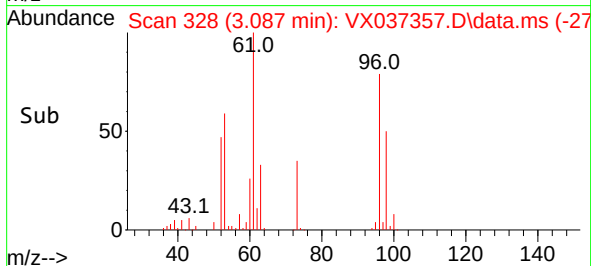
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 8142
Ion Ratio Lower Upper
96 100
61 125.9 119.2 178.8
98 63.4 48.7 73.1

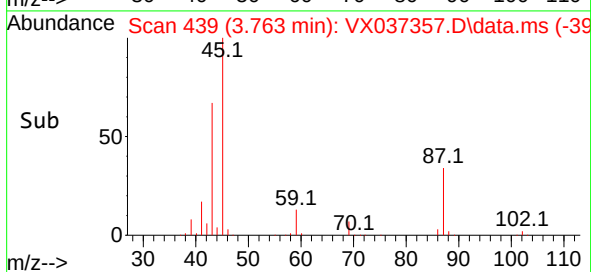
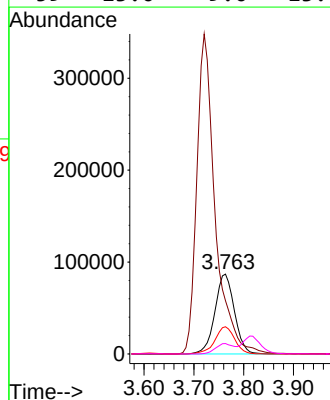
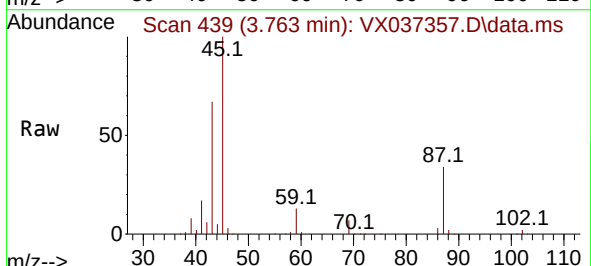
Manual Integrations
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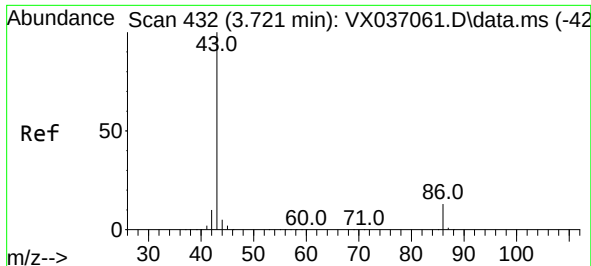
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#22
Diisopropyl ether
Concen: 54.070 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24

Tgt Ion: 45 Resp: 235856
Ion Ratio Lower Upper
45 100
43 66.4 69.7 104.5#
87 34.1 20.8 31.2#
59 13.0 9.0 13.4





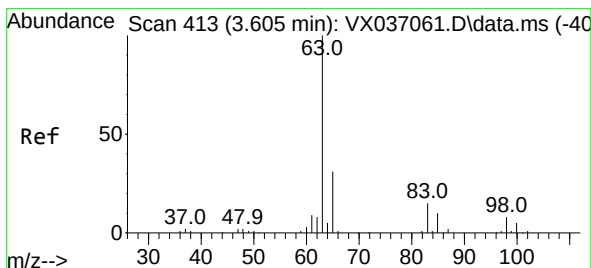
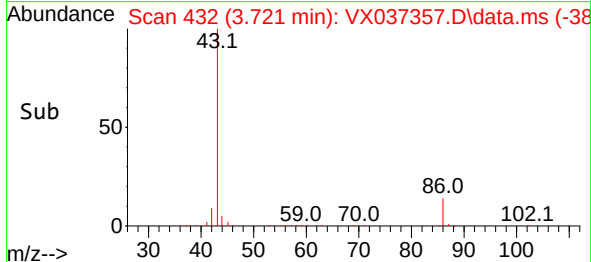
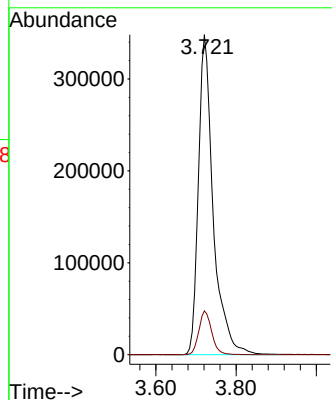
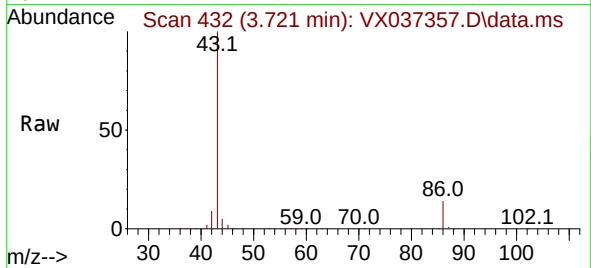
#23
 Vinyl Acetate
 Concen: 266.902 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX037357.D
 Acq: 29 Aug 2023 23:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 892174
 Ion Ratio Lower Upper
 43 100
 86 13.7 7.8 11.8

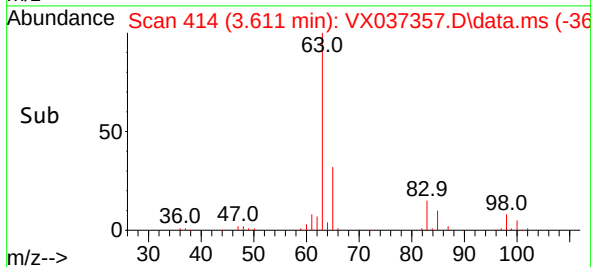
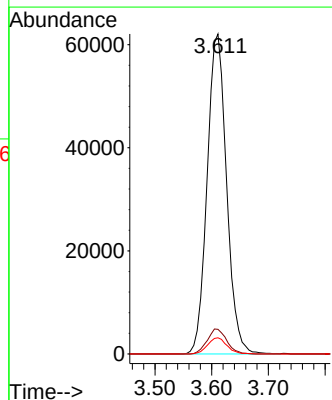
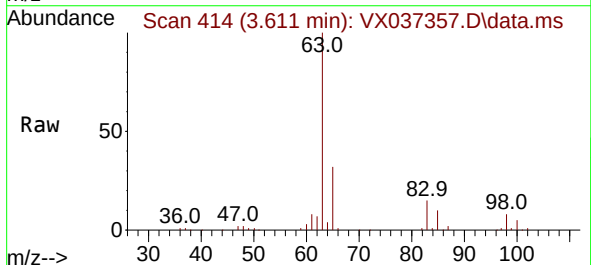
Manual Integrations
 APPROVED

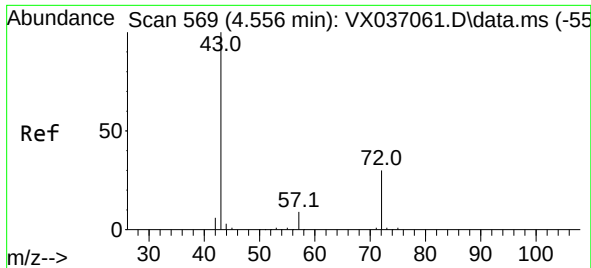
Reviewed By :John Carlone 08/30/2023
 Supervised By :Mahesh Dadoda 08/31/2023



#24
 1,1-Dichloroethane
 Concen: 54.085 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX037357.D
 Acq: 29 Aug 2023 23:24

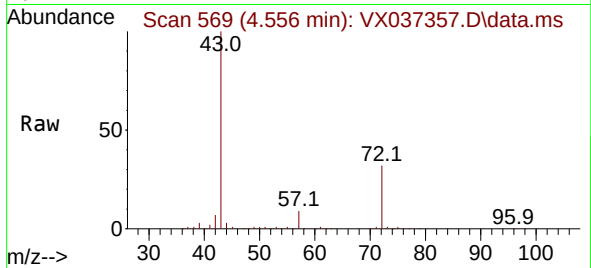
Tgt Ion: 63 Resp: 147946
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.3 9.8
 100 5.1 2.1 6.5





#25
2-Butanone
Concen: 269.893 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.000 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24

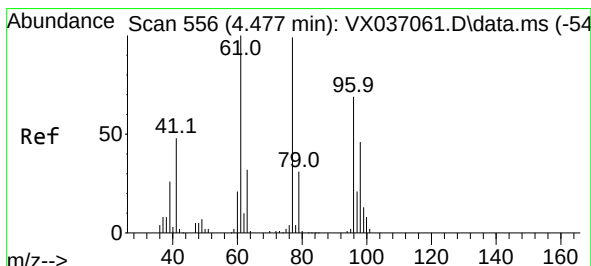
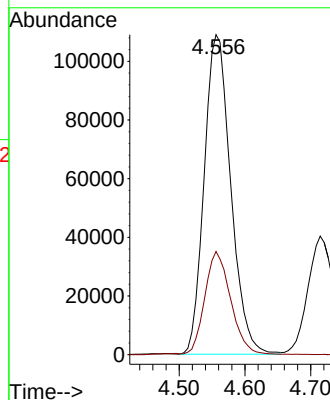
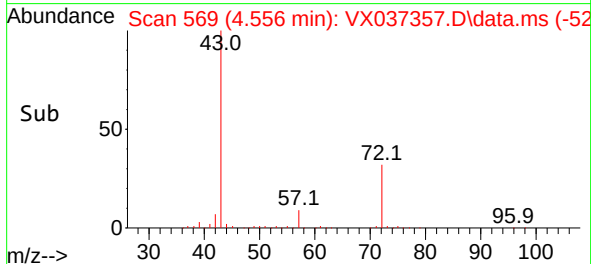
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 30578
Ion Ratio Lower Upper
43 100
72 32.1 19.4 29.2

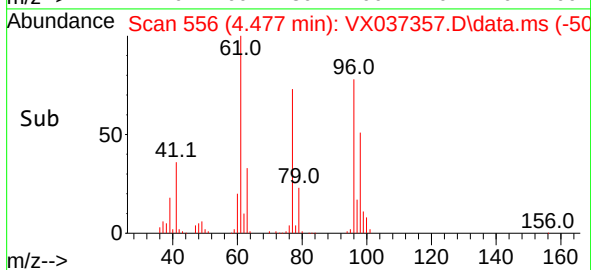
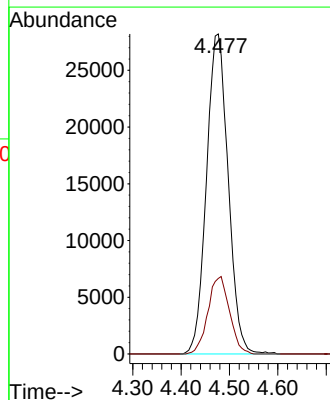
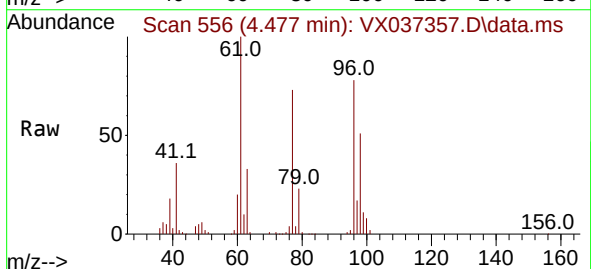
Manual Integrations
APPROVED

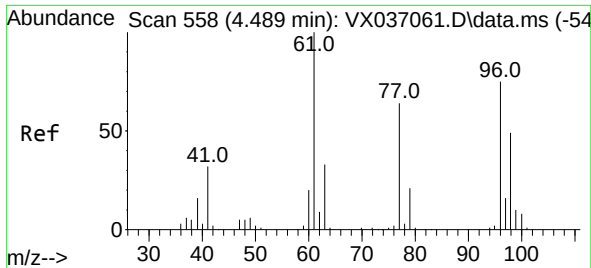
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#26
2,2-Dichloropropane
Concen: 35.953 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24

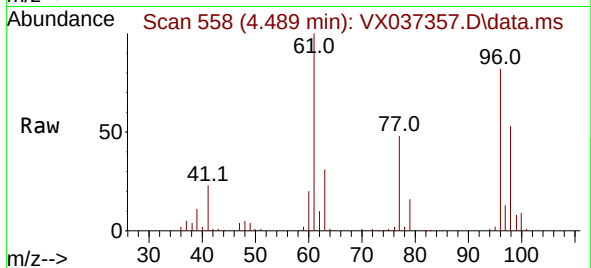
Tgt Ion: 77 Resp: 87830
Ion Ratio Lower Upper
77 100
97 24.0 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 53.849 ug/l
 RT: 4.489 min Scan# 510
 Delta R.T. -0.000 min
 Lab File: VX037357.D
 Acq: 29 Aug 2023 23:24

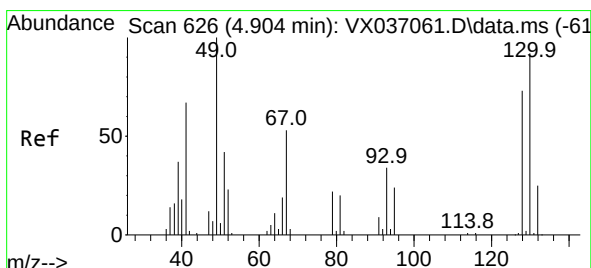
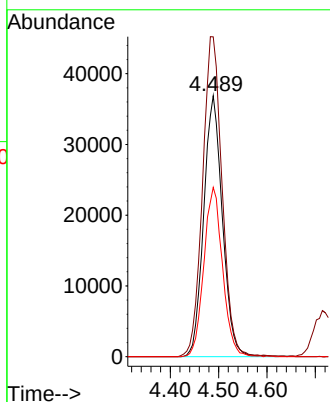
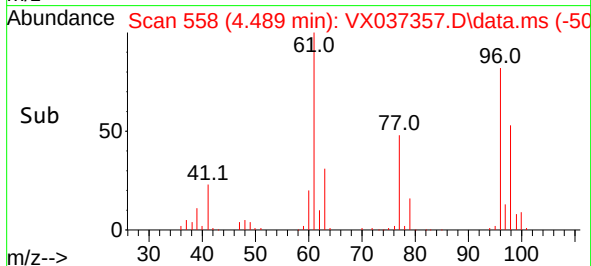
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



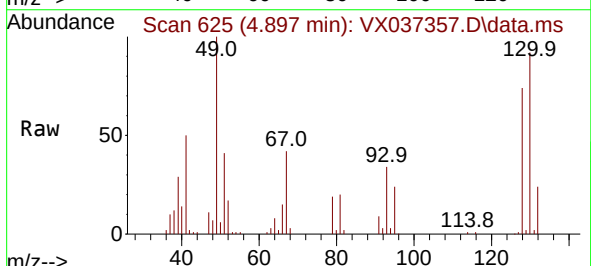
Tgt Ion: 96 Resp: 99109
 Ion Ratio Lower Upper
 96 100
 61 128.5 0.0 312.2
 98 64.8 0.0 129.0

Manual Integrations
 APPROVED

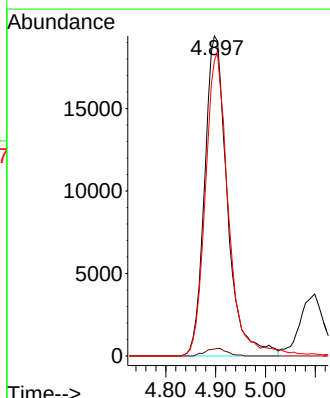
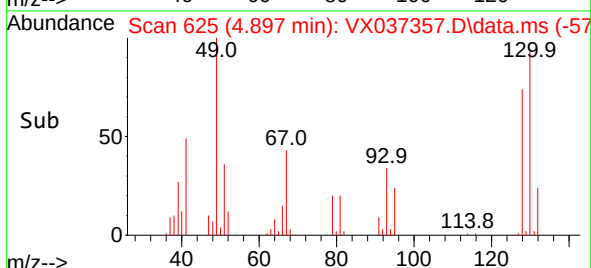
Reviewed By :John Carlone 08/30/2023
 Supervised By :Mahesh Dadoda 08/31/2023

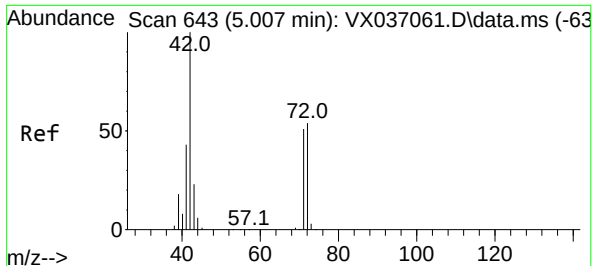


#28
 Bromochloromethane
 Concen: 50.250 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. -0.006 min
 Lab File: VX037357.D
 Acq: 29 Aug 2023 23:24



Tgt Ion: 49 Resp: 61403
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 3.8
 130 96.2 57.5 86.3#





#29

Tetrahydrofuran

Concen: 271.699 ug/l

RT: 5.007 min Scan# 643

Delta R.T. -0.000 min

Lab File: VX037357.D

Acq: 29 Aug 2023 23:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 196310

Ion Ratio Lower Upper

42 100

72 54.9 34.2 51.4

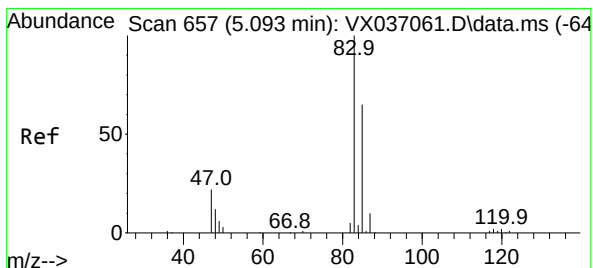
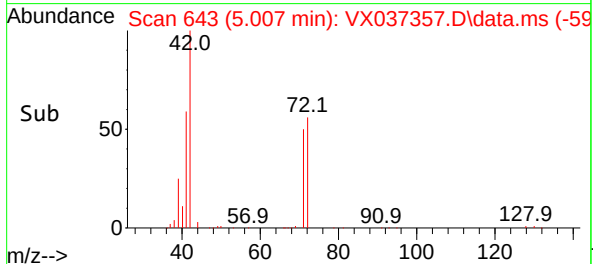
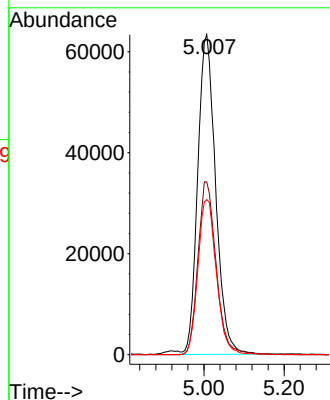
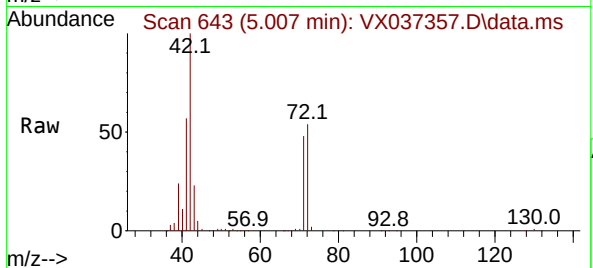
71 50.2 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/30/2023

Supervised By :Mahesh Dadoda 08/31/2023



#30

Chloroform

Concen: 53.309 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX037357.D

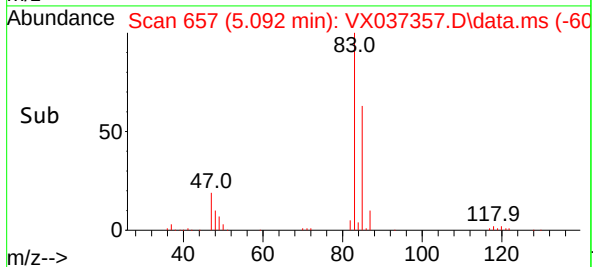
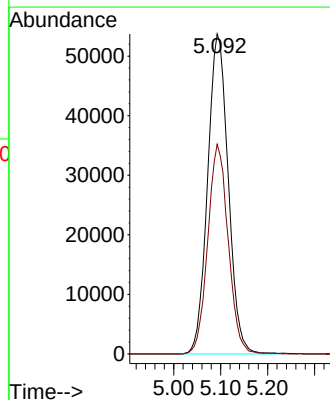
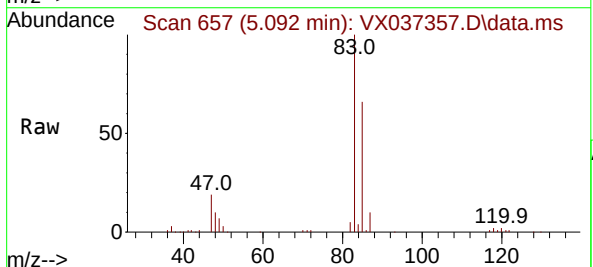
Acq: 29 Aug 2023 23:24

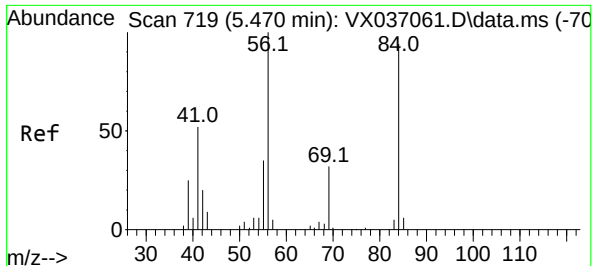
Tgt Ion: 83 Resp: 163694

Ion Ratio Lower Upper

83 100

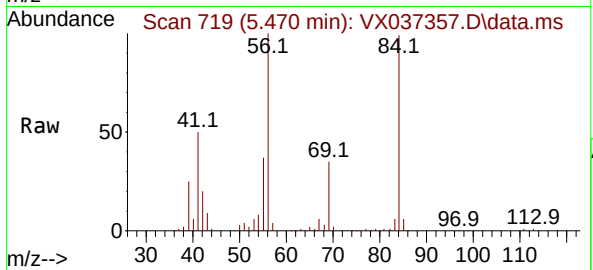
85 65.5 50.3 75.5





#31
Cyclohexane
Concen: 52.314 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24

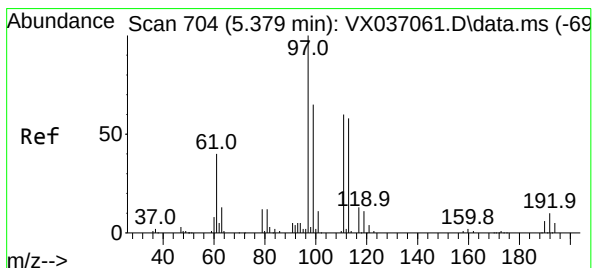
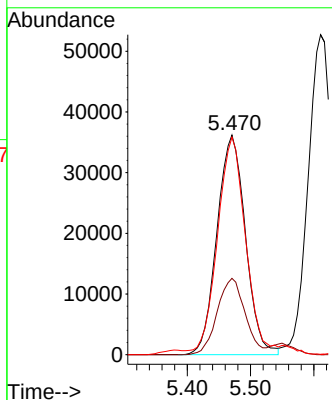
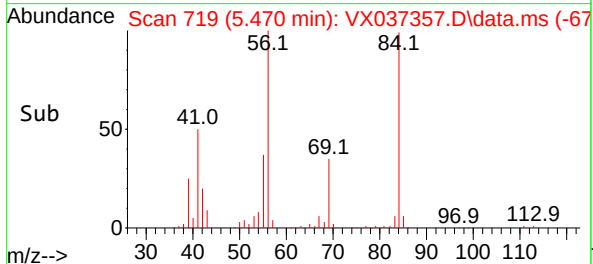
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



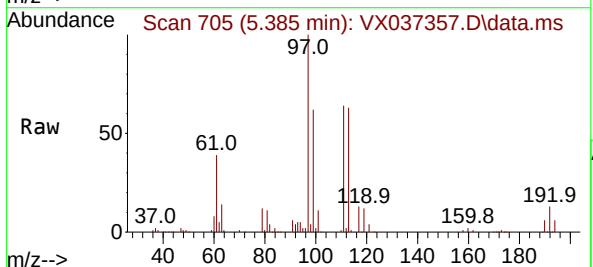
Tgt Ion: 56 Resp: 113140
Ion Ratio Lower Upper
56 100
69 34.7 23.4 35.2
84 96.9 65.9 98.9

Manual Integrations
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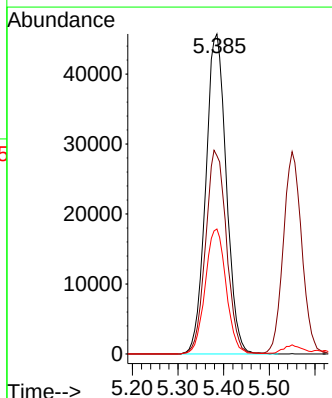
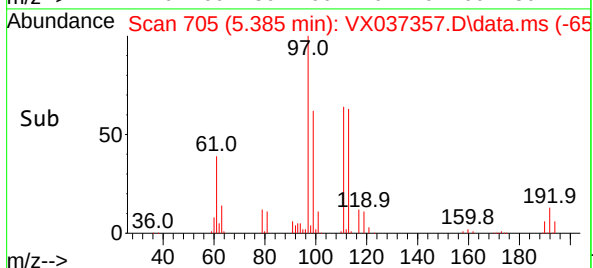
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023

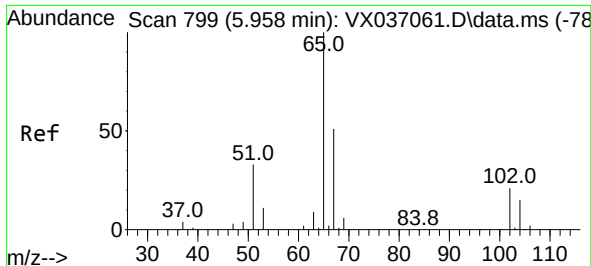


#32
1,1,1-Trichloroethane
Concen: 52.006 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24



Tgt Ion: 97 Resp: 143104
Ion Ratio Lower Upper
97 100
99 64.7 51.1 76.7
61 39.8 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 51.276 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037357.D

Acq: 29 Aug 2023 23:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 98624

Ion Ratio Lower Upper

65 100

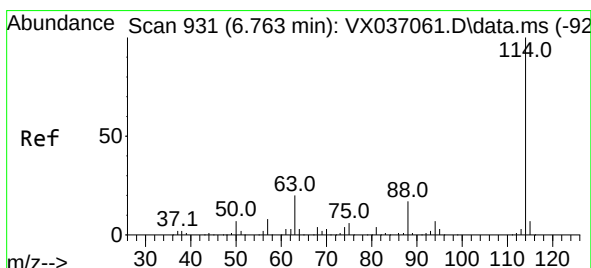
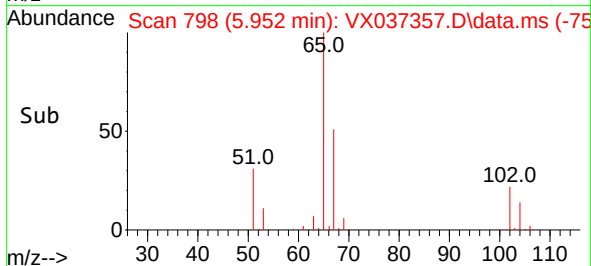
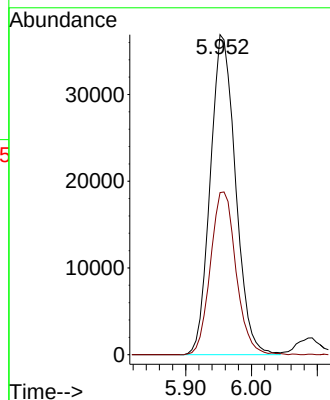
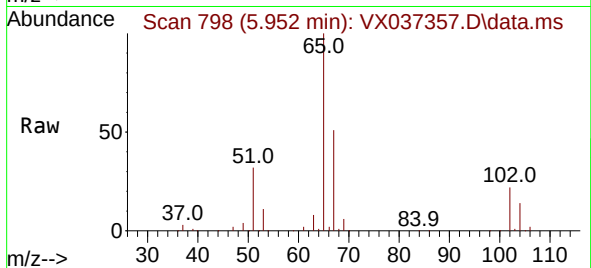
67 51.5 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/30/2023

Supervised By :Mahesh Dadoda 08/31/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX037357.D

Acq: 29 Aug 2023 23:24

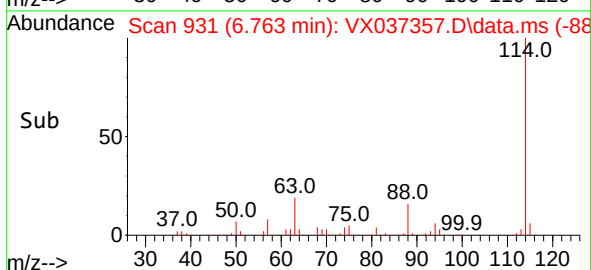
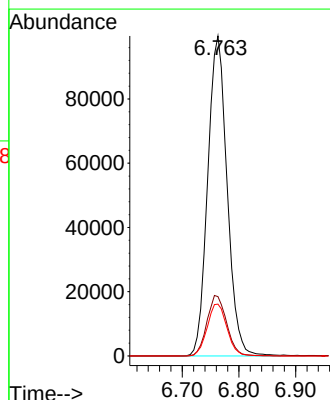
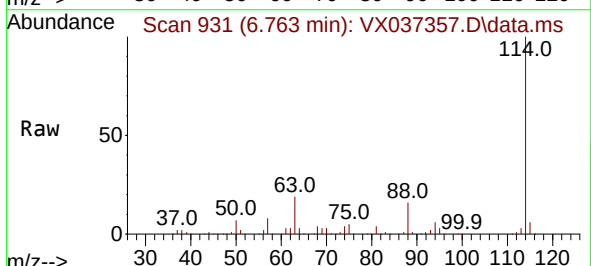
Tgt Ion:114 Resp: 236694

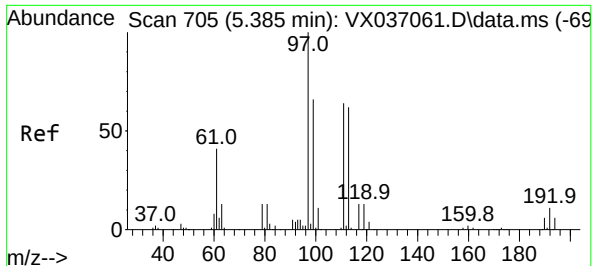
Ion Ratio Lower Upper

114 100

63 18.5 0.0 45.0

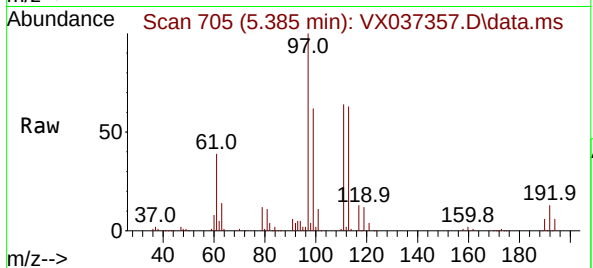
88 16.2 0.0 36.6





#35
Dibromofluoromethane
Concen: 53.903 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24

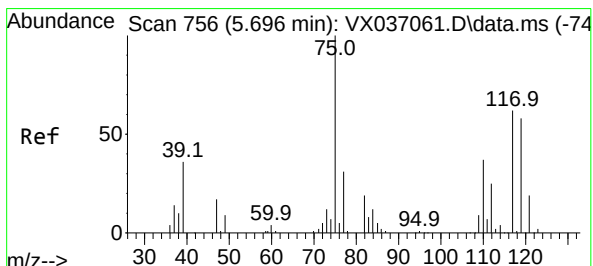
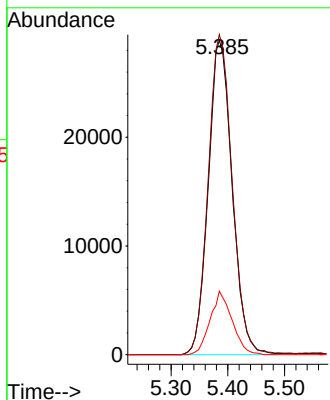
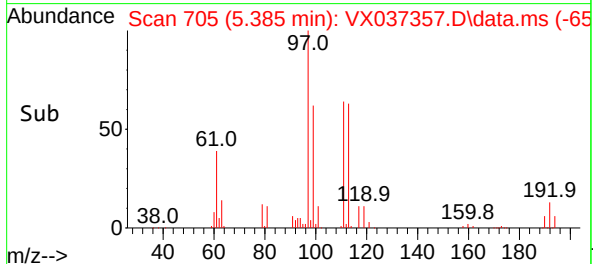
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



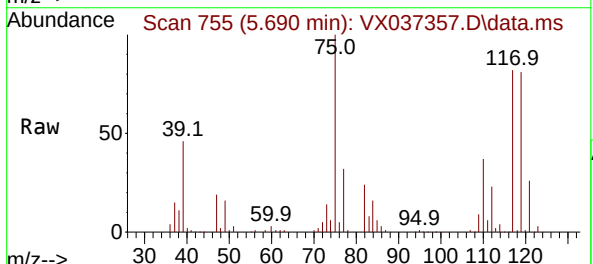
Tgt Ion: 113 Resp: 84490
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 18.5 13.3 19.9

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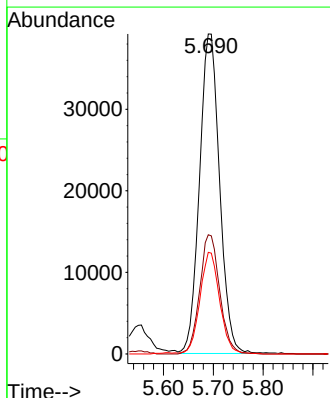
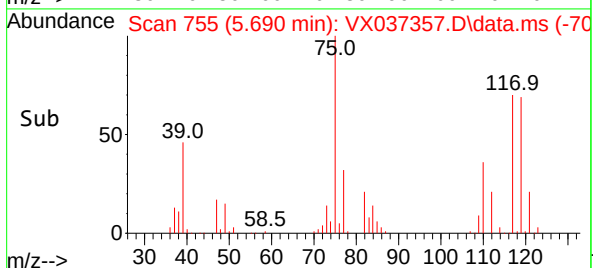
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023

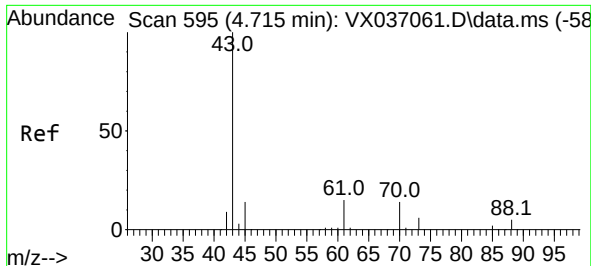


#36
1,1-Dichloropropene
Concen: 49.243 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24



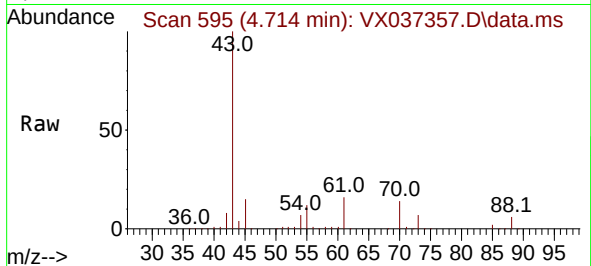
Tgt Ion: 75 Resp: 109669
Ion Ratio Lower Upper
75 100
110 37.1 17.0 50.9
77 31.2 24.7 37.1





#37
Ethyl Acetate
Concen: 51.235 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24

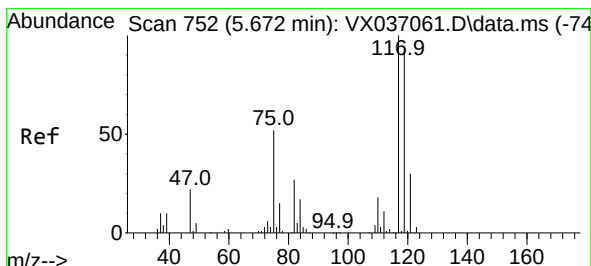
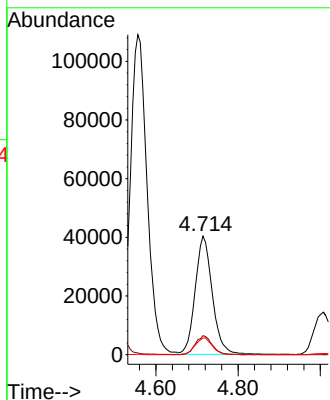
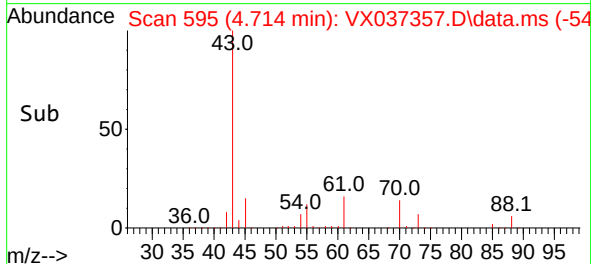
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 11655
Ion Ratio Lower Upper
43 100
61 15.8 10.6 16.0
70 14.1 8.3 12.5

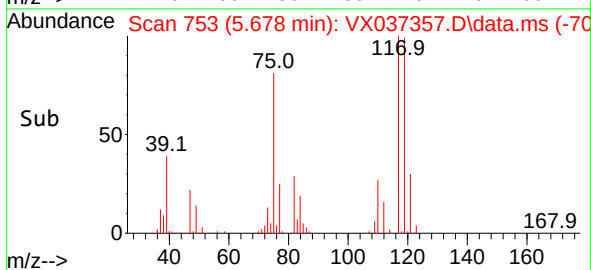
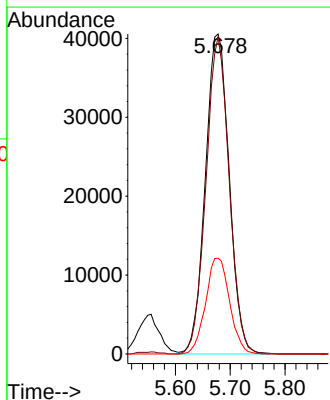
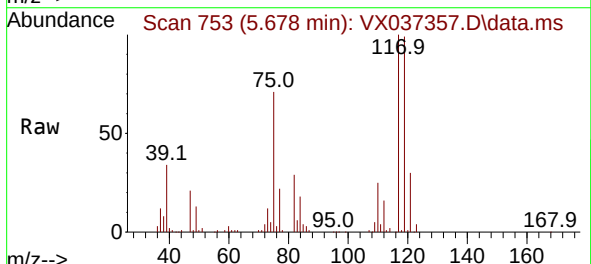
Manual Integrations
APPROVED

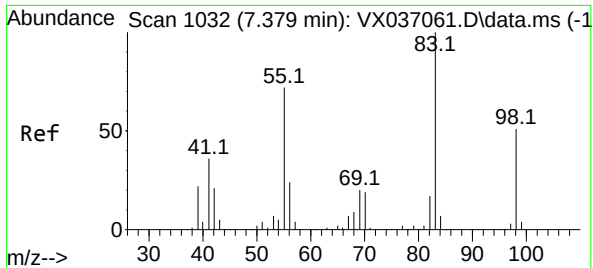
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#38
Carbon Tetrachloride
Concen: 50.698 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24

Tgt Ion:117 Resp: 122650
Ion Ratio Lower Upper
117 100
119 99.0 78.2 117.2
121 30.0 24.4 36.6





#39
Methylcyclohexane
Concen: 55.836 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24

Instrument :

MSVOA_X

ClientSampleId :

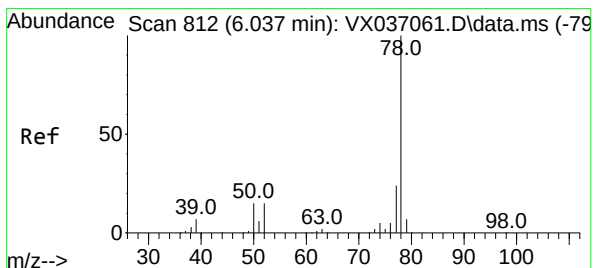
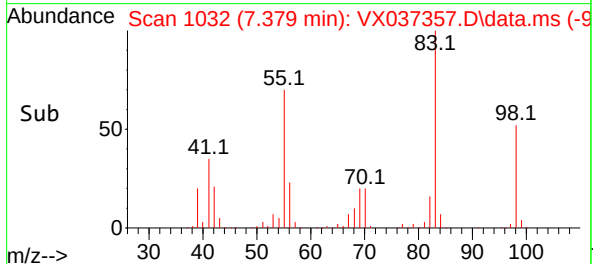
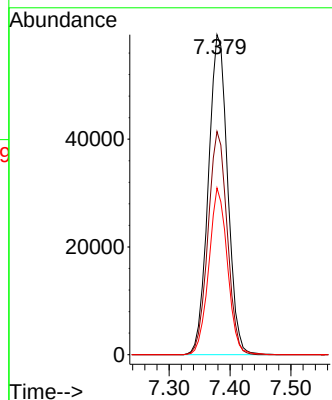
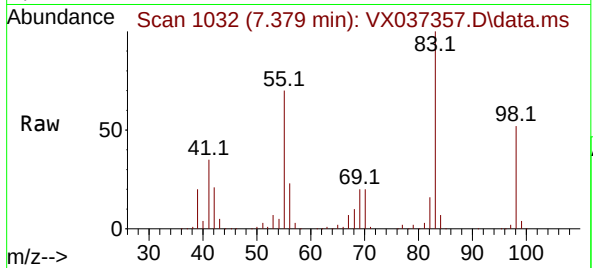
VSTDCCC050

Tgt Ion: 83 Resp: 130650
Ion Ratio Lower Upper
83 100
55 69.8 64.6 97.0
98 52.1 36.7 55.1

Manual Integrations

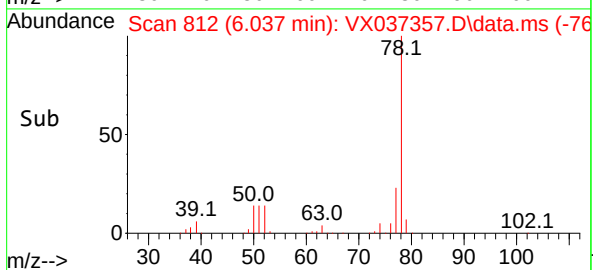
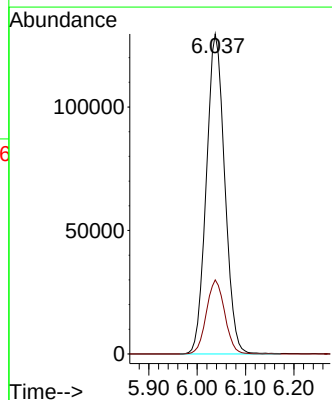
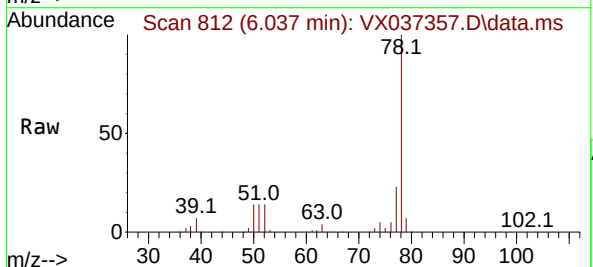
APPROVED

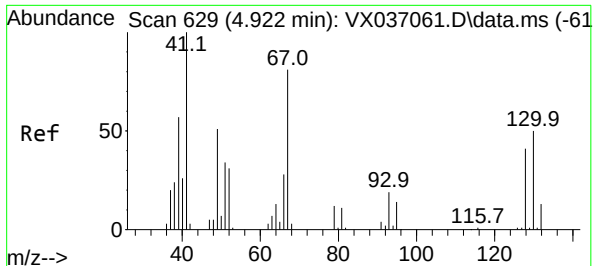
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#40
Benzene
Concen: 53.606 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24

Tgt Ion: 78 Resp: 342395
Ion Ratio Lower Upper
78 100
77 23.2 19.3 28.9





#41
Methacrylonitrile
Concen: 54.487 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

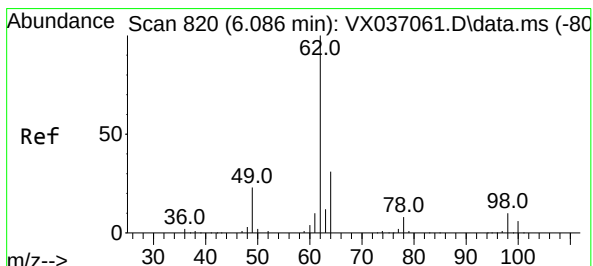
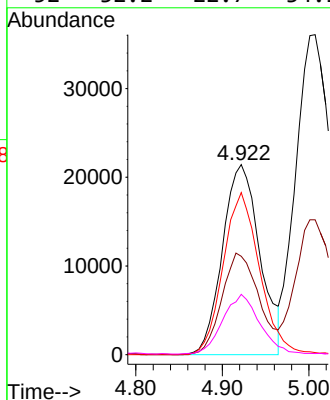
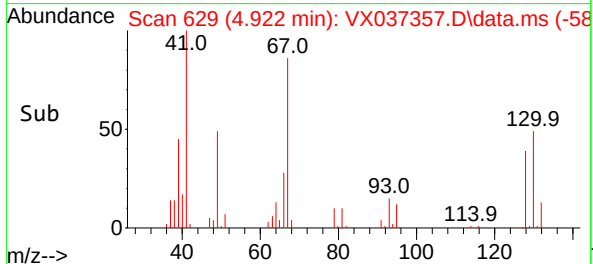
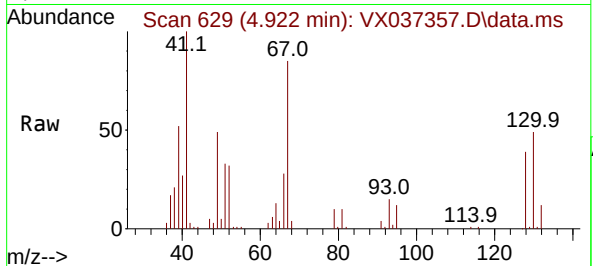
Tgt Ion: 41 Resp: 64439
Ion Ratio Lower Upper
41 100
39 53.4 45.2 67.8
67 83.4 52.6 78.8
52 32.2 22.7 34.1

Manual Integrations

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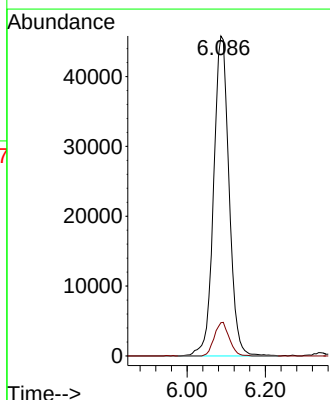
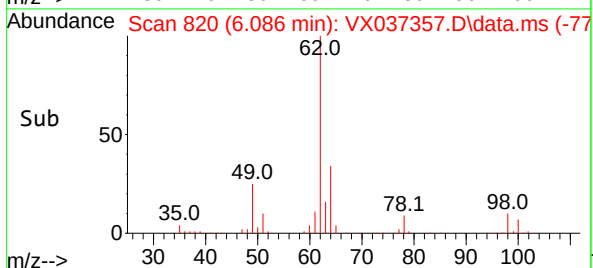
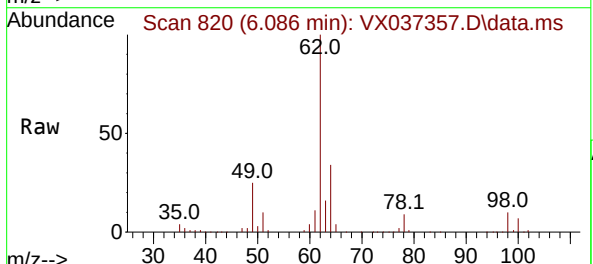
Reviewed By :John Carlone 08/30/2023

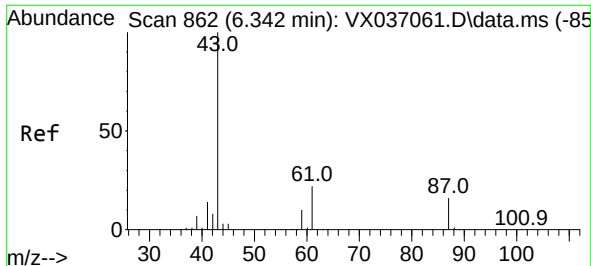
Supervised By :Mahesh Dadoda 08/31/2023



#42
1,2-Dichloroethane
Concen: 50.045 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24

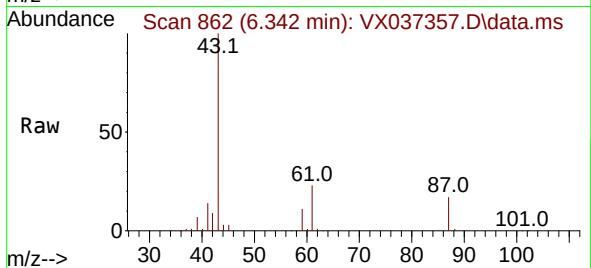
Tgt Ion: 62 Resp: 125353
Ion Ratio Lower Upper
62 100
98 10.2 0.0 16.0





#43
Isopropyl Acetate
Concen: 51.730 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24

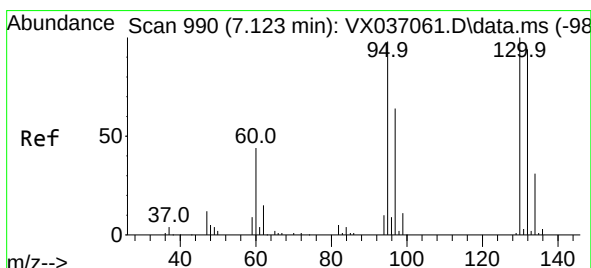
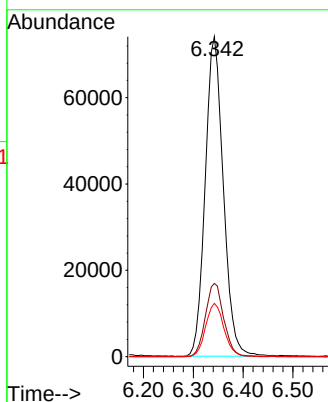
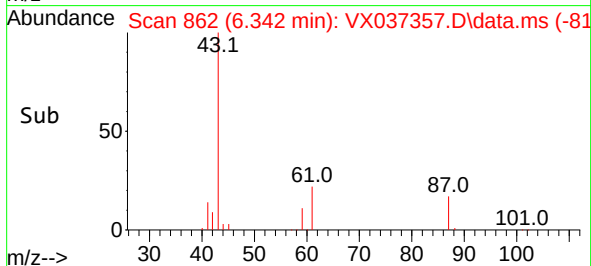
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 186839
Ion Ratio Lower Upper
43 100
61 23.2 15.2 22.8
87 16.9 9.8 14.6

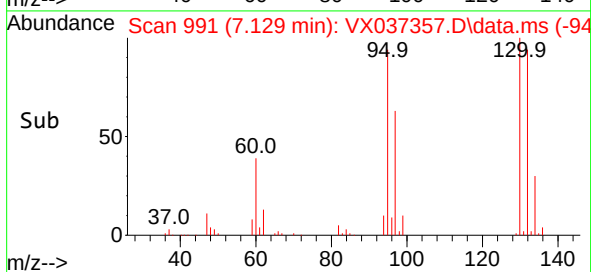
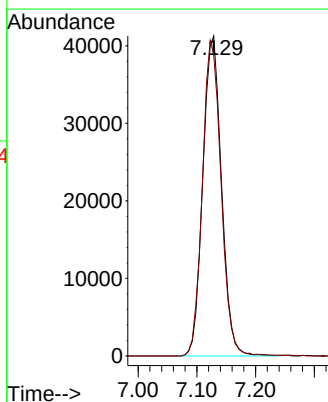
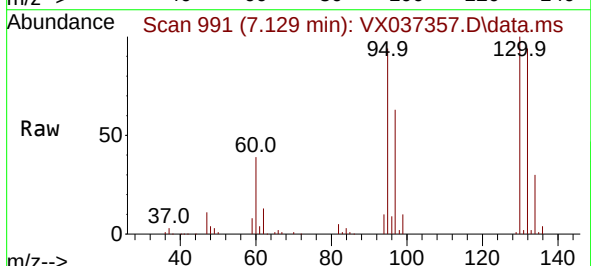
Manual Integrations
APPROVED

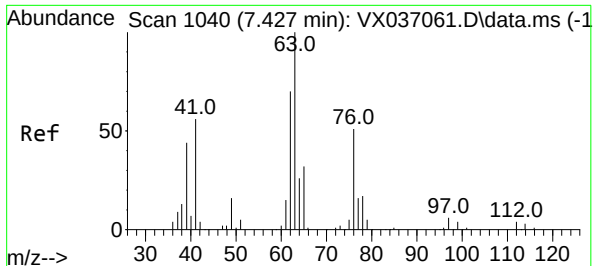
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#44
Trichloroethene
Concen: 50.277 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24

Tgt Ion:130 Resp: 91060
Ion Ratio Lower Upper
130 100
95 94.2 0.0 204.4





#45

1,2-Dichloropropane

Concen: 54.397 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX037357.D

Acq: 29 Aug 2023 23:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 8567

Ion Ratio Lower Upper

63 100

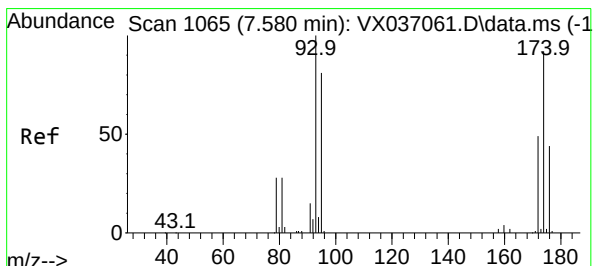
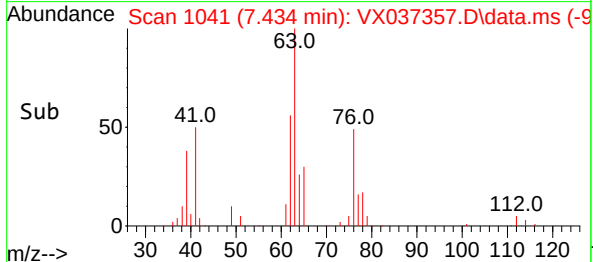
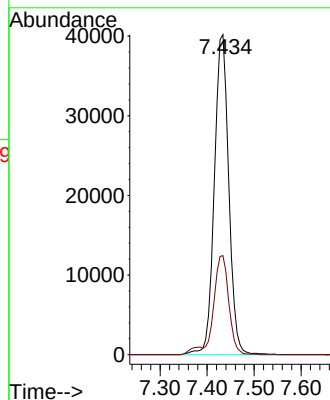
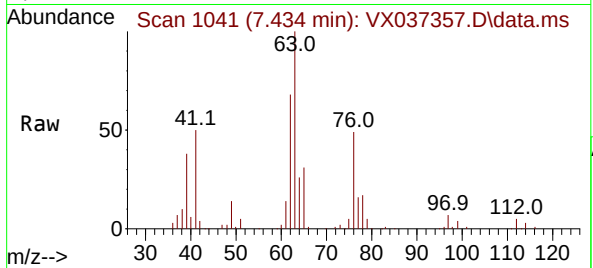
65 31.0 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/30/2023

Supervised By :Mahesh Dadoda 08/31/2023



#46

Dibromomethane

Concen: 53.043 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX037357.D

Acq: 29 Aug 2023 23:24

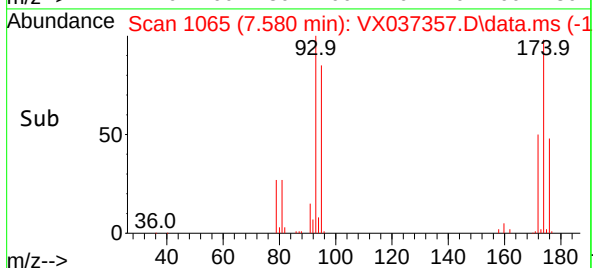
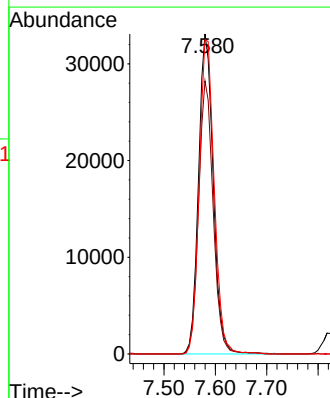
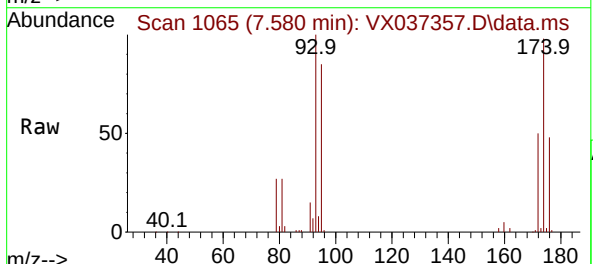
Tgt Ion: 93 Resp: 65810

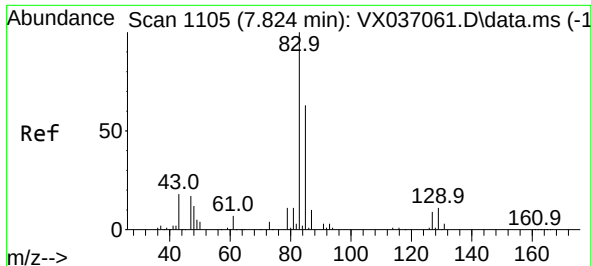
Ion Ratio Lower Upper

93 100

95 84.4 66.6 100.0

174 100.0 69.4 104.0





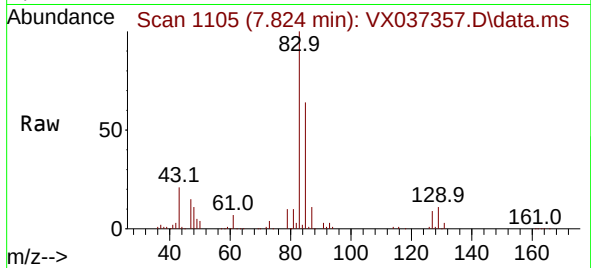
#47
Bromodichloromethane
Concen: 53.375 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



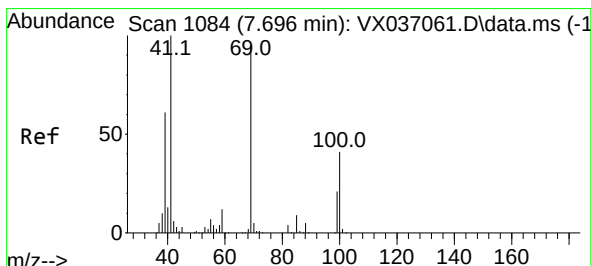
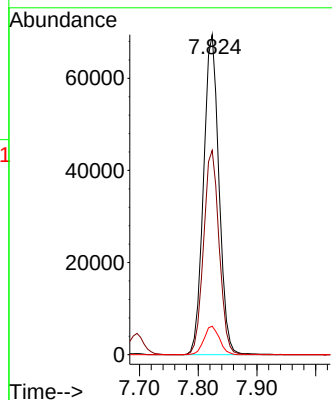
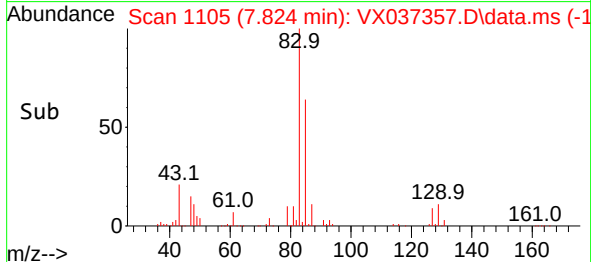
Tgt Ion: 83 Resp: 126840
Ion Ratio Lower Upper
83 100
85 63.8 49.8 74.6
127 8.9 7.1 10.7

Manual Integrations

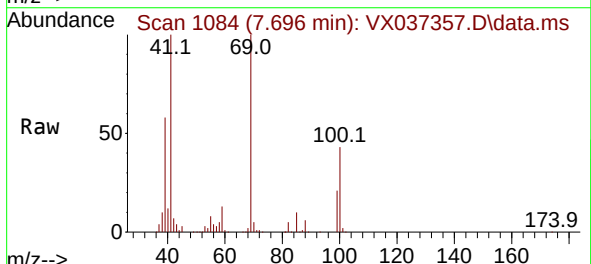
APPROVED

Reviewed By :John Carlone 08/30/2023

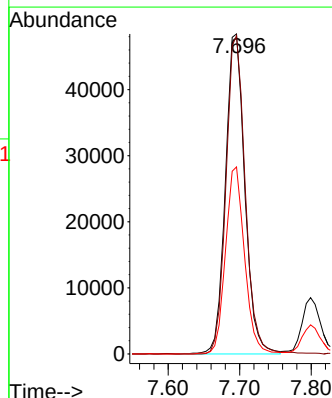
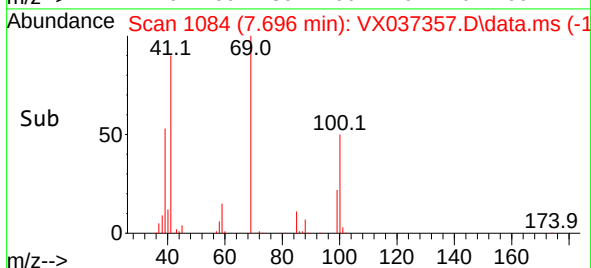
Supervised By :Mahesh Dadoda 08/31/2023

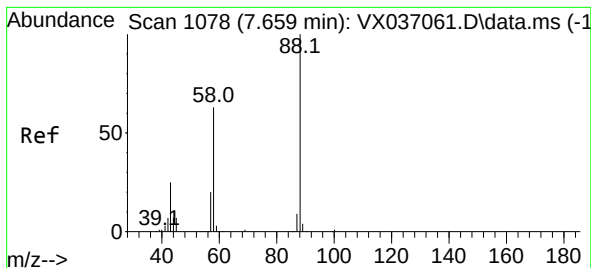


#48
Methyl methacrylate
Concen: 51.803 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24



Tgt Ion: 41 Resp: 91246
Ion Ratio Lower Upper
41 100
69 98.6 59.2 88.8#
39 57.5 47.7 71.5





#49

1,4-Dioxane

Concen: 1170.776 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. -0.000 min

Lab File: VX037357.D

Acq: 29 Aug 2023 23:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 55539

Ion Ratio Lower Upper

88 100

43 25.9 0.0 0.0

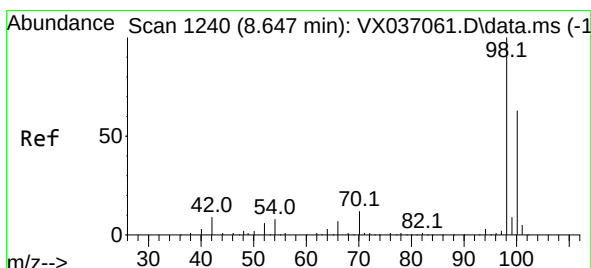
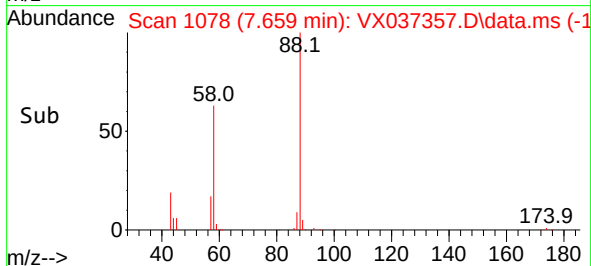
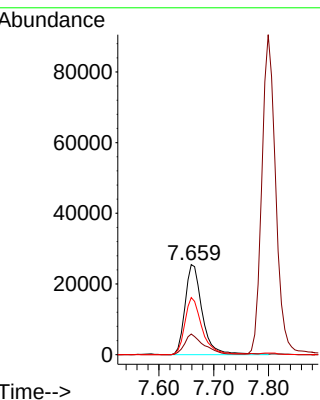
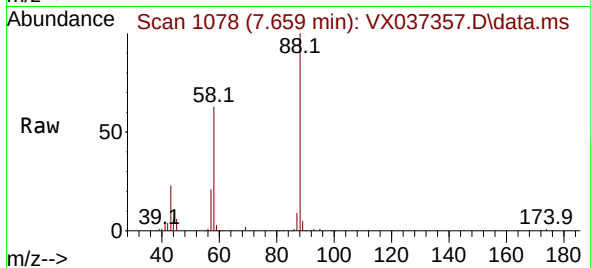
58 63.2 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/30/2023

Supervised By :Mahesh Dadoda 08/31/2023



#50

Toluene-d8

Concen: 52.463 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX037357.D

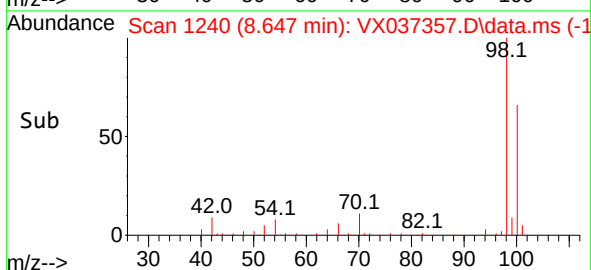
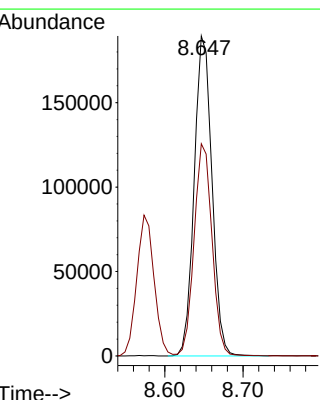
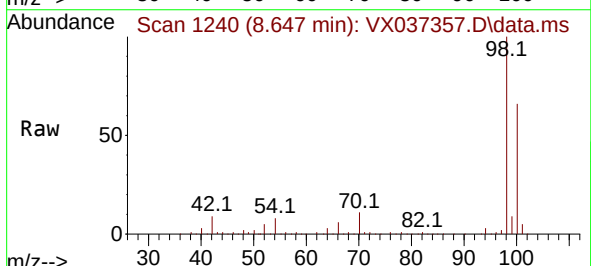
Acq: 29 Aug 2023 23:24

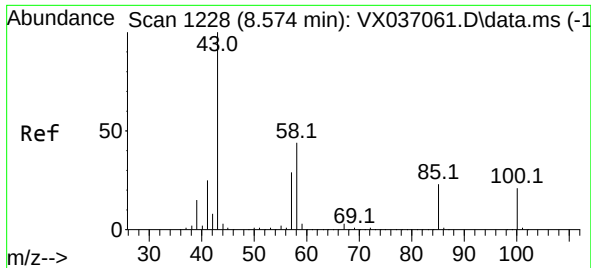
Tgt Ion: 98 Resp: 298314

Ion Ratio Lower Upper

98 100

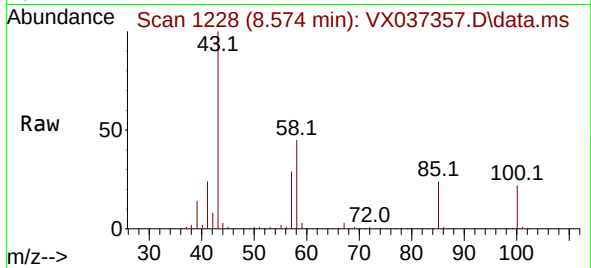
100 66.9 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 273.323 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24

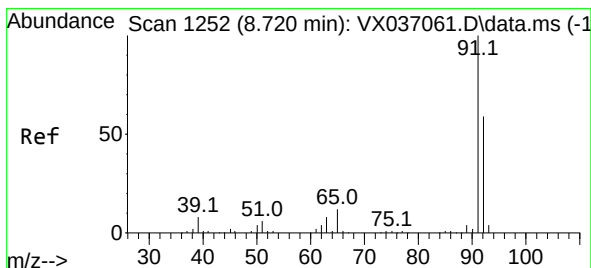
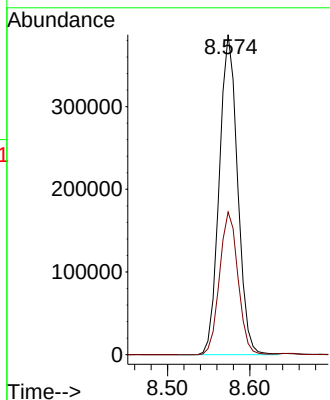
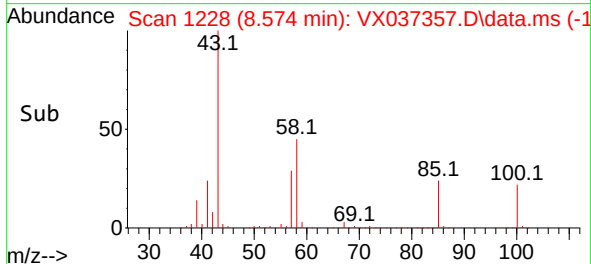
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 599450
Ion Ratio Lower Upper
43 100
58 44.8 30.4 45.6

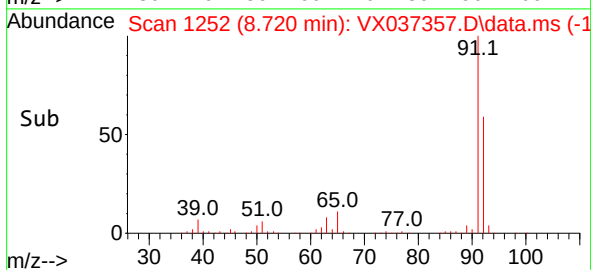
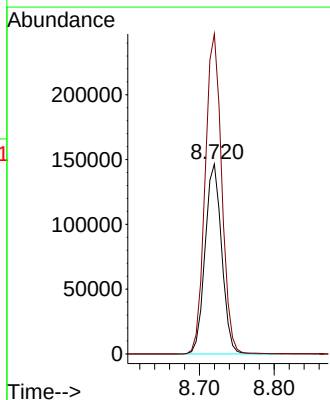
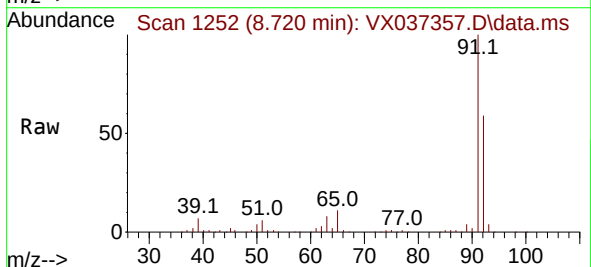
Manual Integrations
APPROVED

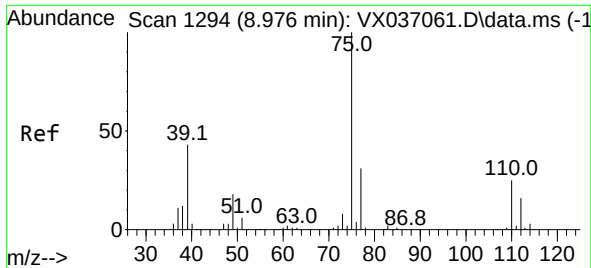
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#52
Toluene
Concen: 53.474 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24

Tgt Ion: 92 Resp: 225672
Ion Ratio Lower Upper
92 100
91 168.7 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 51.278 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24

Instrument :

MSVOA_X

ClientSampleId :

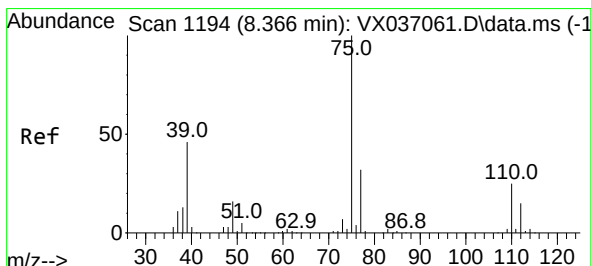
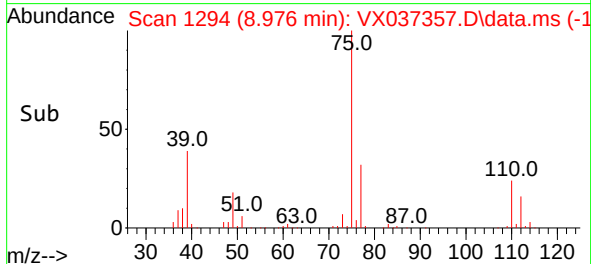
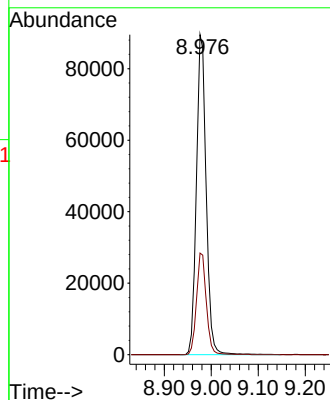
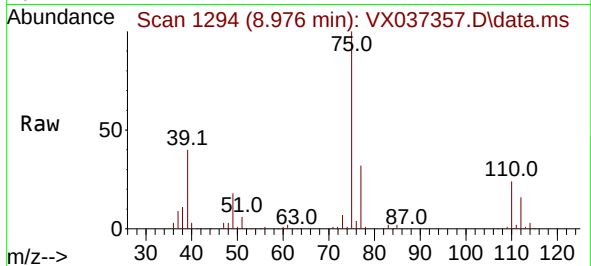
VSTDCCC050

Tgt Ion: 75 Resp: 129748
Ion Ratio Lower Upper
75 100
77 31.7 25.7 38.5

Manual Integrations

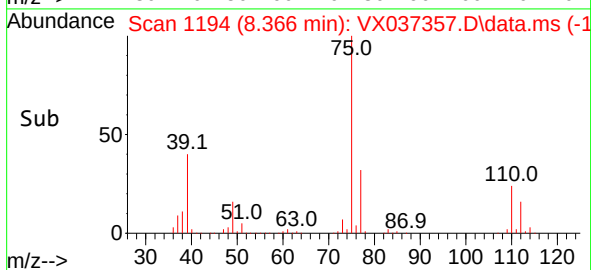
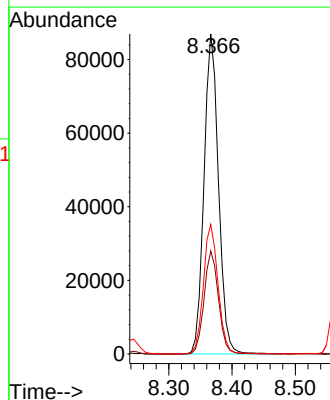
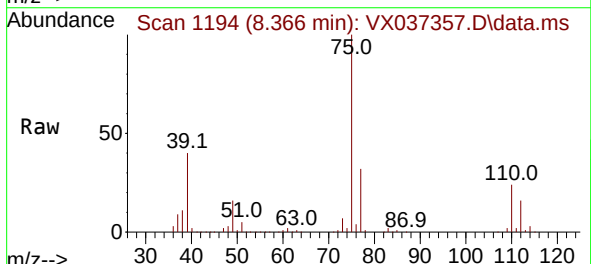
APPROVED

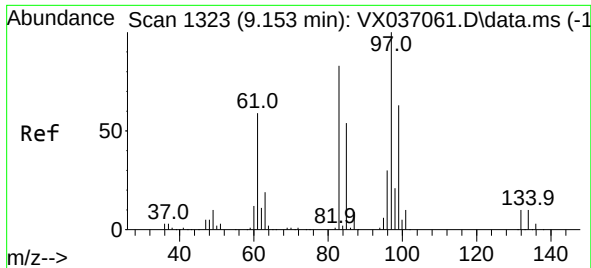
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#54
cis-1,3-Dichloropropene
Concen: 50.778 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24

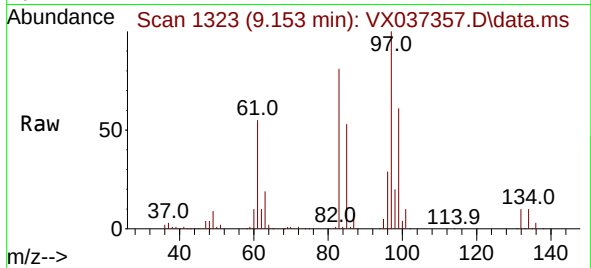
Tgt Ion: 75 Resp: 138844
Ion Ratio Lower Upper
75 100
77 32.2 25.3 37.9
39 40.5 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 56.094 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24

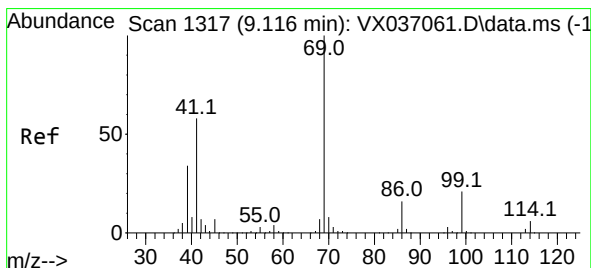
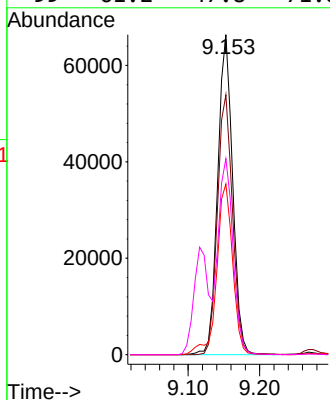
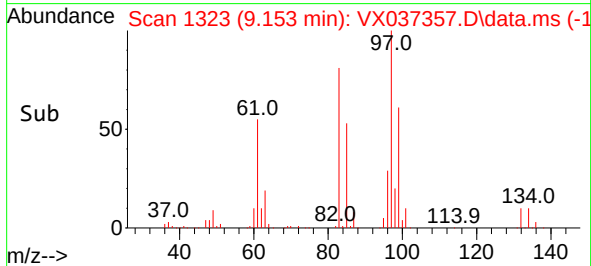
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



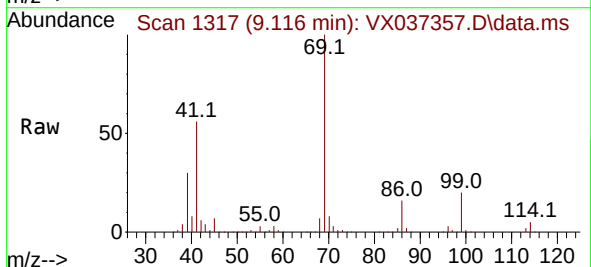
Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.2	65.8	98.8
85	53.4	41.6	62.4
99	61.2	47.8	71.8

Manual Integrations
APPROVED

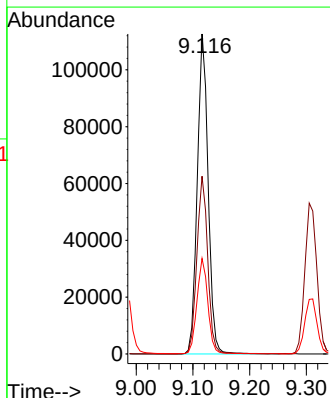
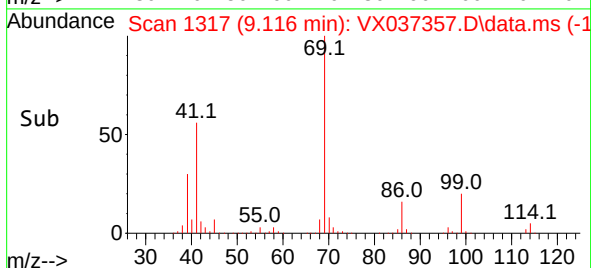
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023

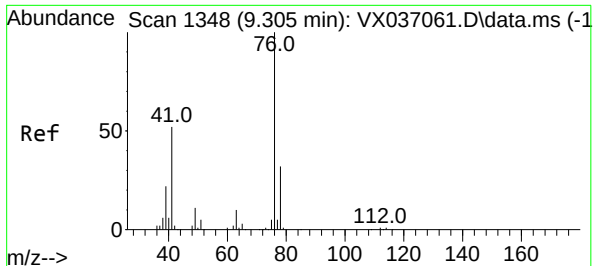


#56
Ethyl methacrylate
Concen: 55.516 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24



Tgt Ion	Ratio	Lower	Upper
69	100		
41	56.0	56.8	85.2#
39	30.0	32.0	48.0#





#57

1,3-Dichloropropane

Concen: 54.725 ug/l

RT: 9.305 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037357.D

Acq: 29 Aug 2023 23:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 158534

Ion Ratio Lower Upper

76 100

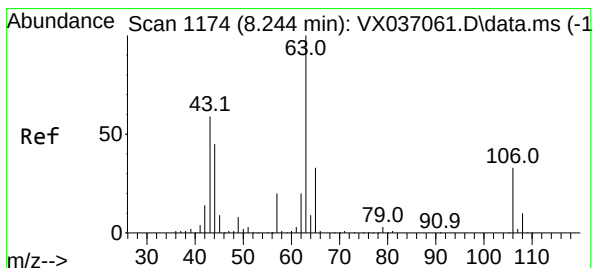
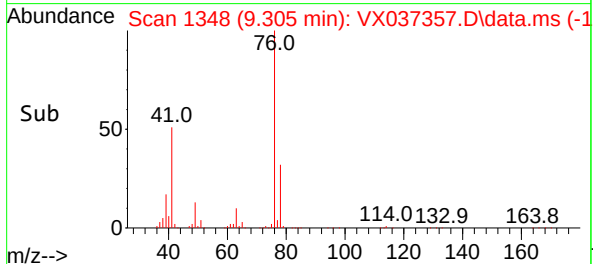
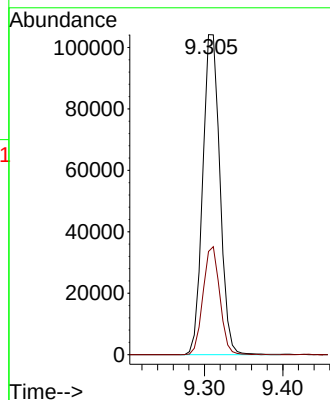
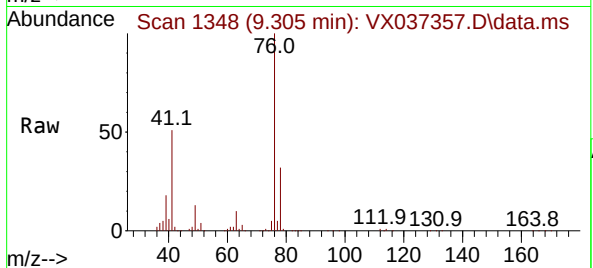
78 32.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/30/2023

Supervised By :Mahesh Dadoda 08/31/2023



#58

2-Chloroethyl Vinyl ether

Concen: 263.862 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX037357.D

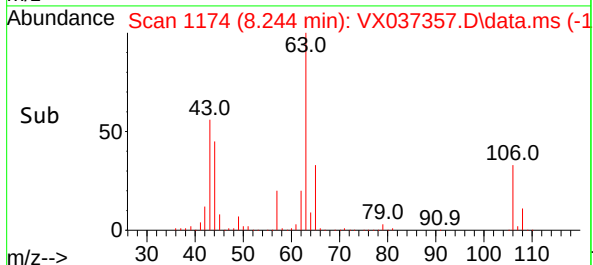
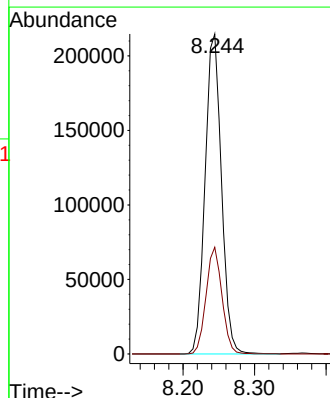
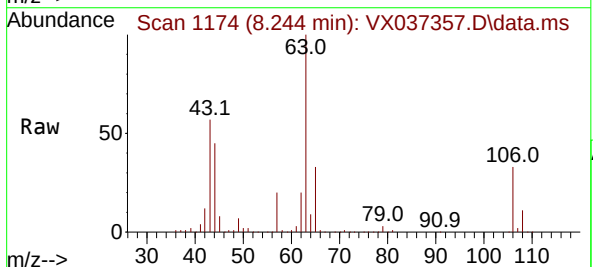
Acq: 29 Aug 2023 23:24

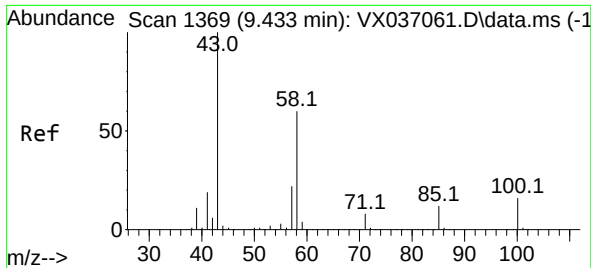
Tgt Ion: 63 Resp: 340840

Ion Ratio Lower Upper

63 100

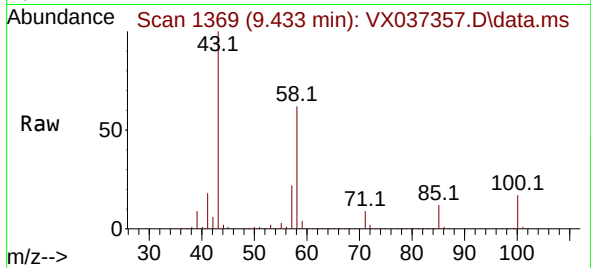
106 32.5 22.5 33.7





#59
2-Hexanone
Concen: 280.724 ug/l
RT: 9.433 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24

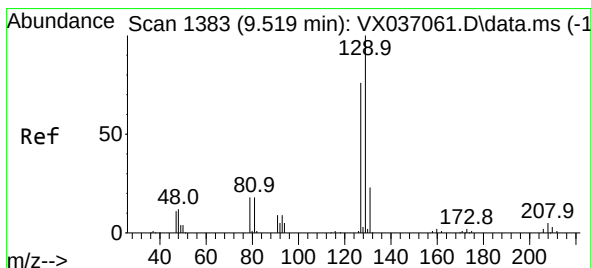
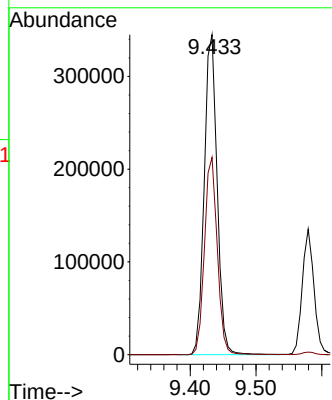
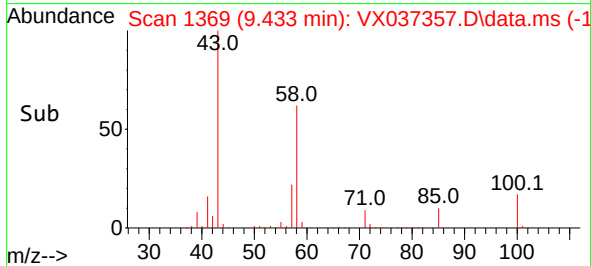
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



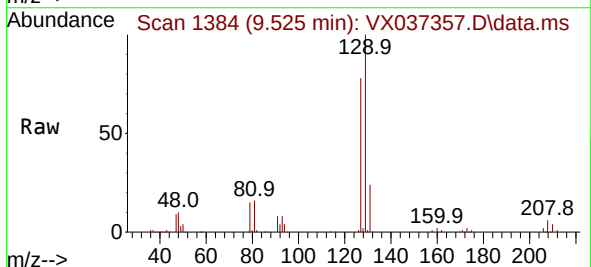
Tgt Ion: 43 Resp: 46944
Ion Ratio Lower Upper
43 100
58 61.5 26.2 78.5

Manual Integrations
APPROVED

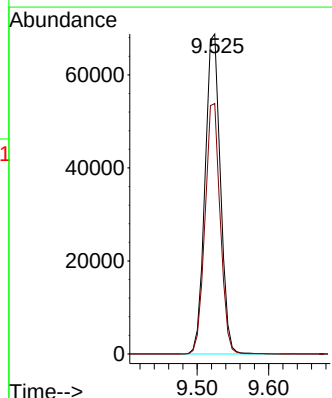
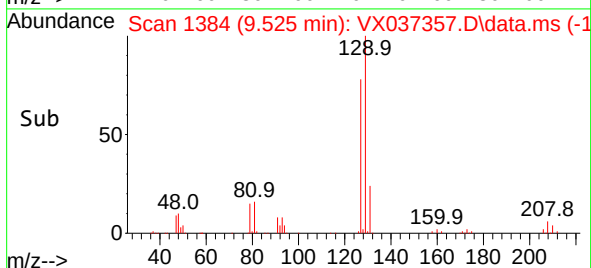
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023

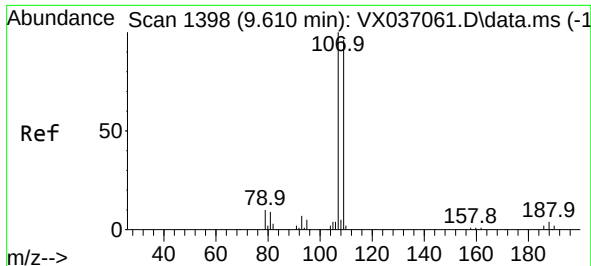


#60
Dibromochloromethane
Concen: 56.057 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24



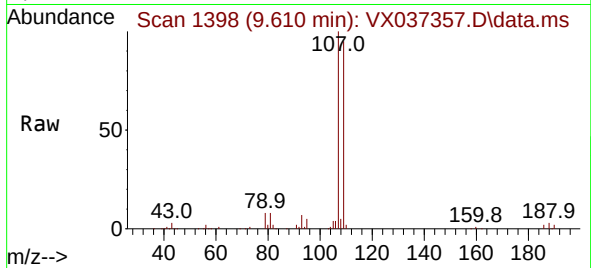
Tgt Ion:129 Resp: 102563
Ion Ratio Lower Upper
129 100
127 77.4 38.8 116.4





#61
1,2-Dibromoethane
Concen: 55.331 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24

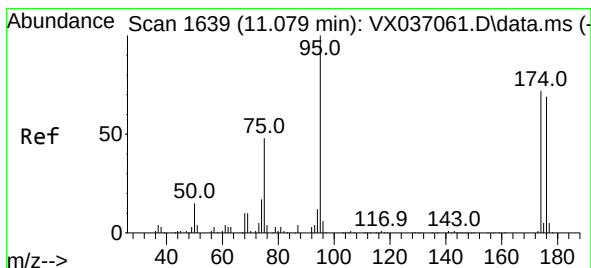
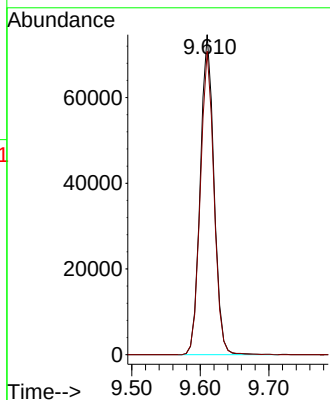
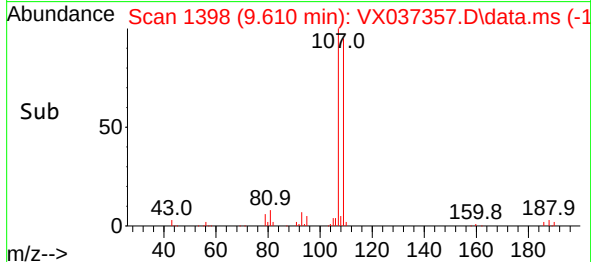
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



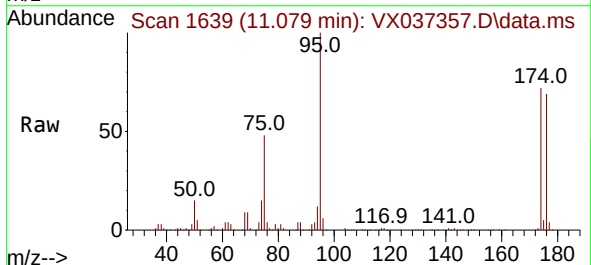
Tgt Ion:107 Resp: 104104
Ion Ratio Lower Upper
107 100
109 94.3 75.2 112.8

Manual Integrations
APPROVED

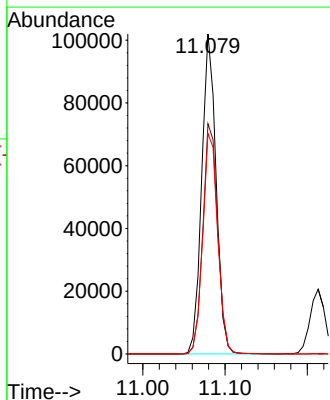
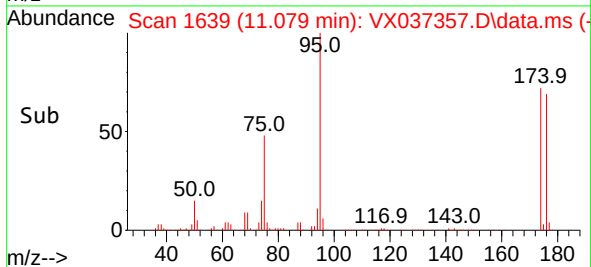
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023

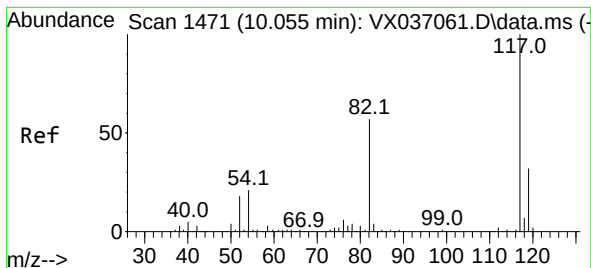


#62
4-Bromofluorobenzene
Concen: 55.384 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24



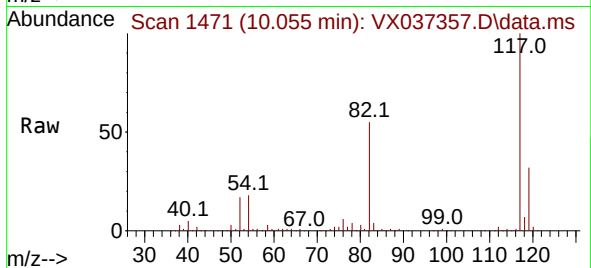
Tgt Ion: 95 Resp: 123760
Ion Ratio Lower Upper
95 100
174 74.1 0.0 135.6
176 71.7 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24

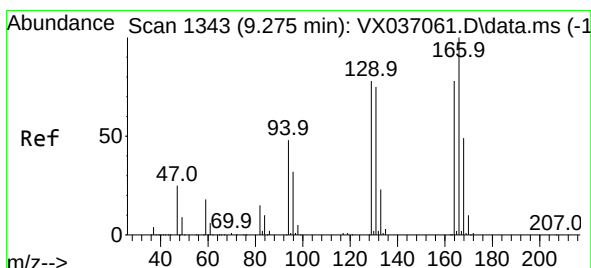
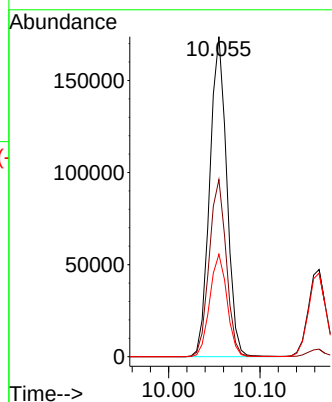
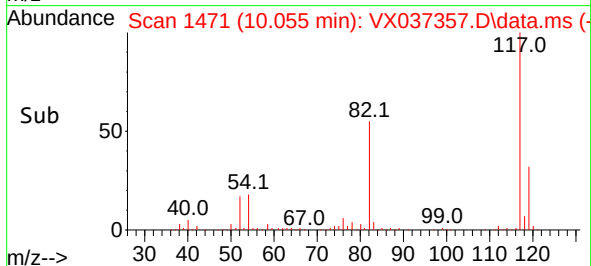
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 224612
Ion Ratio Lower Upper
117 100
82 55.4 46.2 69.4
119 32.0 25.5 38.3

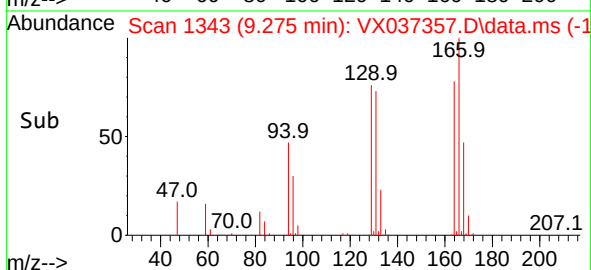
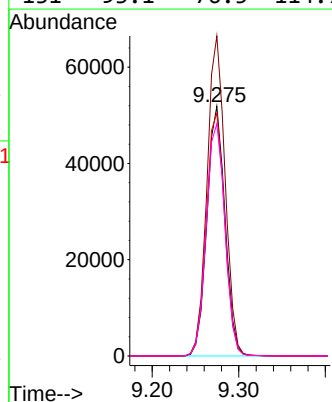
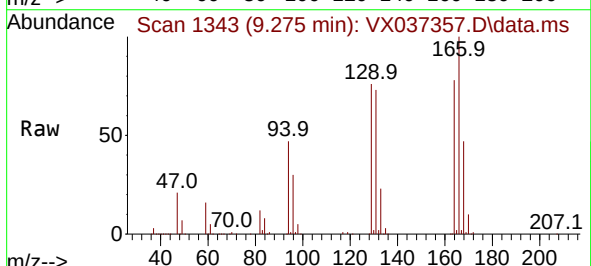
Manual Integrations
APPROVED

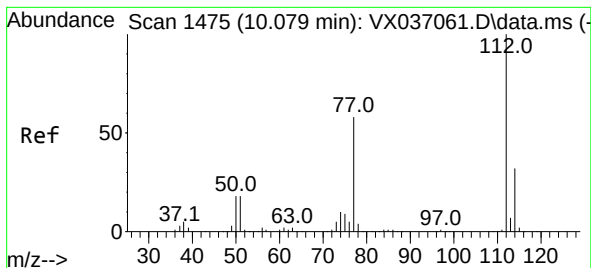
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#64
Tetrachloroethene
Concen: 45.866 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24

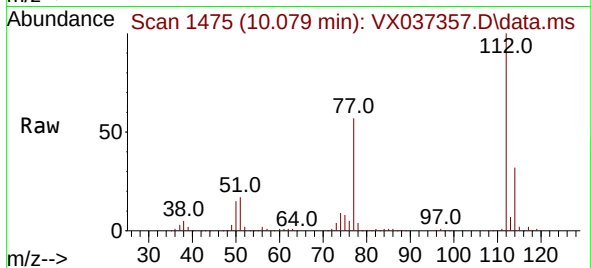
Tgt Ion:164 Resp: 75154
Ion Ratio Lower Upper
164 100
166 128.2 102.7 154.1
129 97.3 80.4 120.6
131 93.1 76.5 114.7





#65
Chlorobenzene
Concen: 52.371 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24

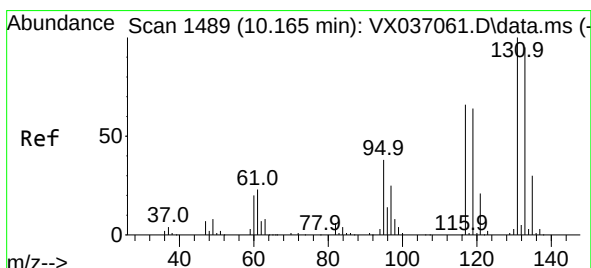
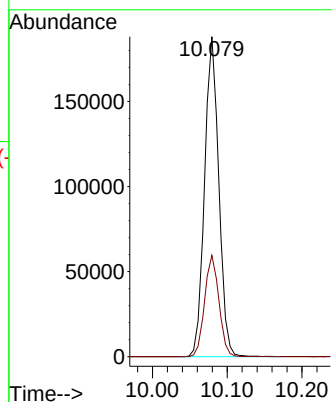
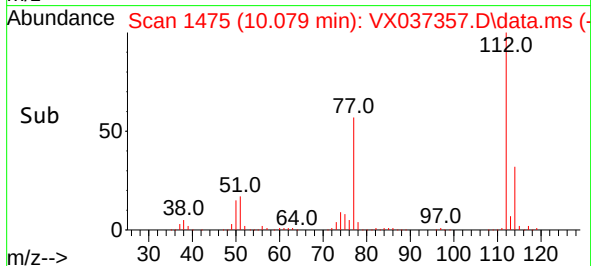
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 248620
Ion Ratio Lower Upper
112 100
114 31.7 25.7 38.5

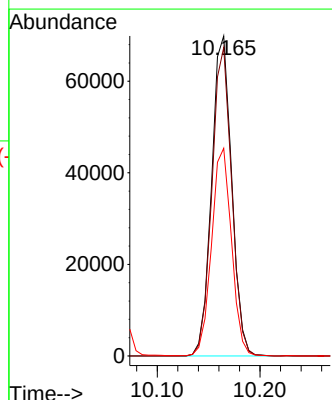
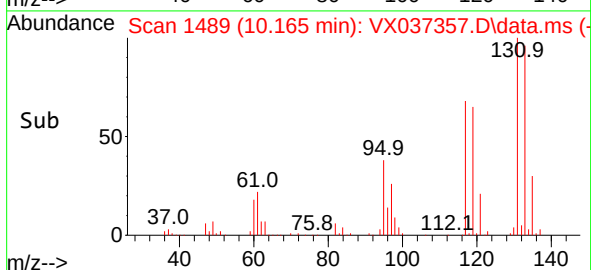
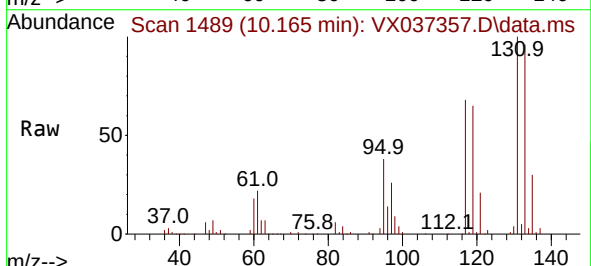
Manual Integrations
APPROVED

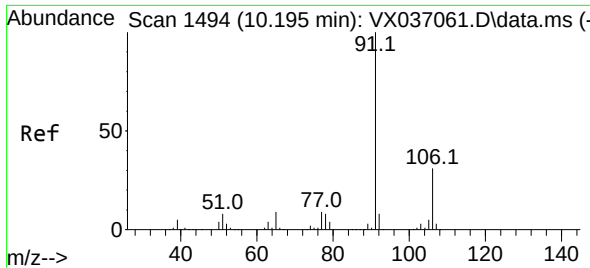
Reviewed By :John Carbone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 54.005 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24

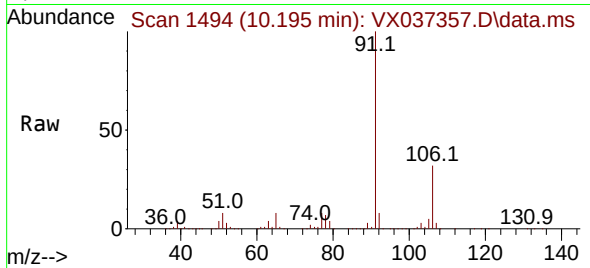
Tgt Ion:131 Resp: 94622
Ion Ratio Lower Upper
131 100
133 95.1 47.1 141.4
119 64.6 32.2 96.6





#67
Ethyl Benzene
Concen: 52.216 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24

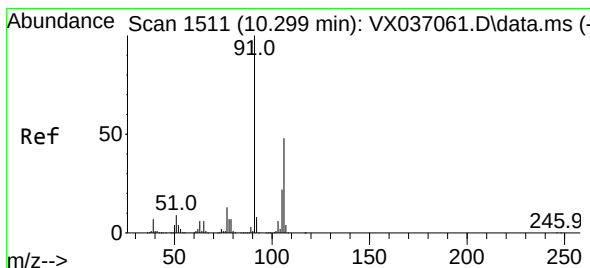
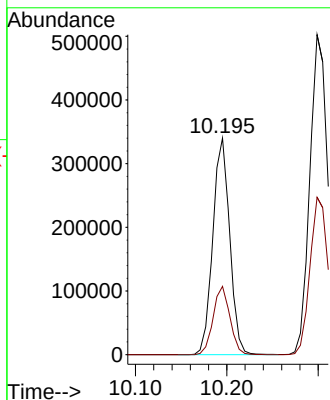
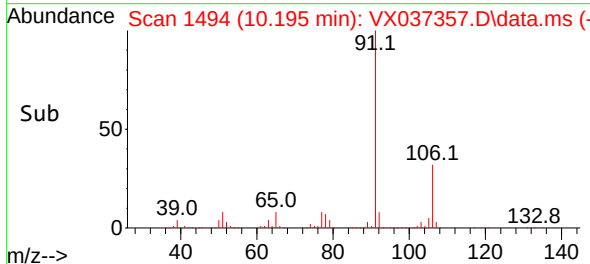
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 436182
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3

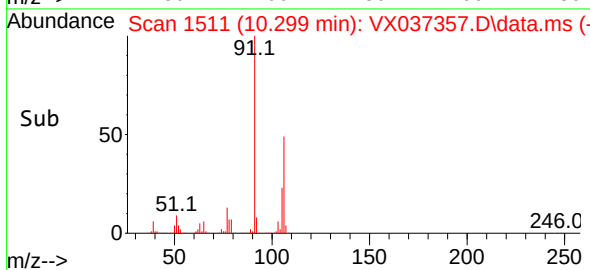
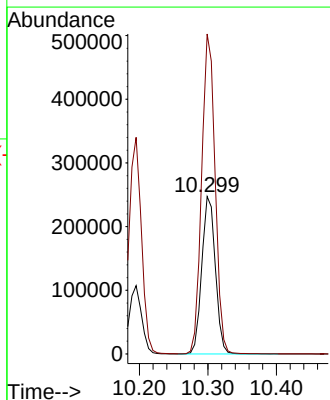
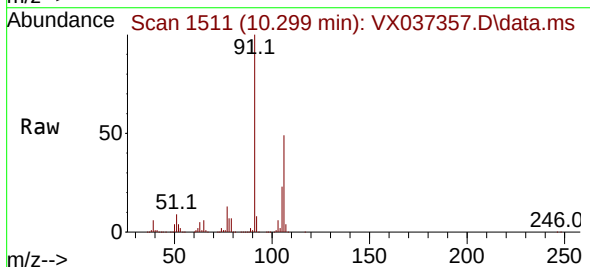
Manual Integrations
APPROVED

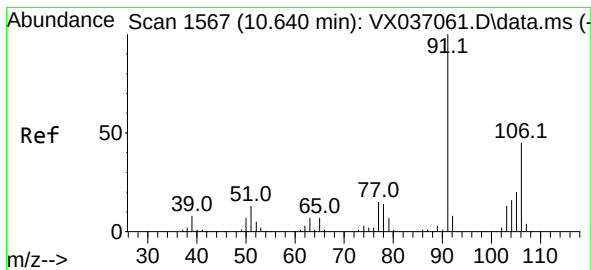
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#68
m/p-Xylenes
Concen: 105.557 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24

Tgt Ion:106 Resp: 340513
Ion Ratio Lower Upper
106 100
91 202.4 165.5 248.3





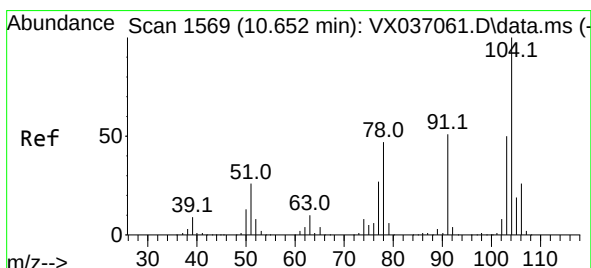
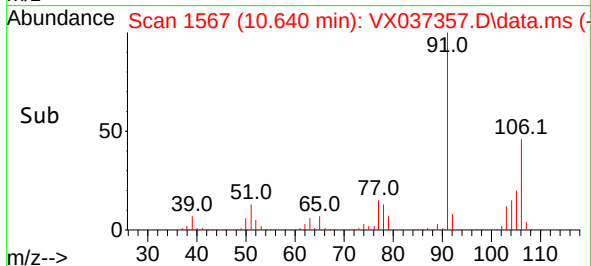
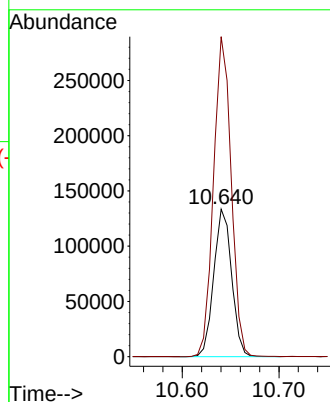
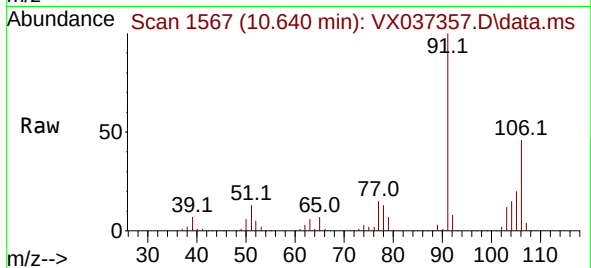
#69
o-Xylene
Concen: 53.852 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 17139
Ion Ratio Lower Upper
106 100
91 214.7 108.9 326.8

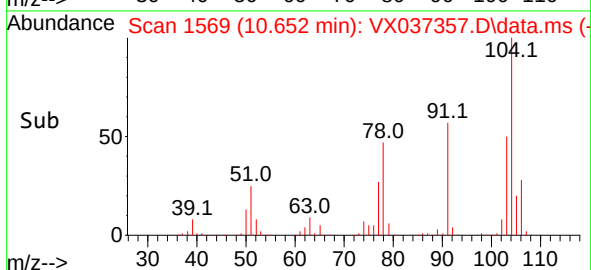
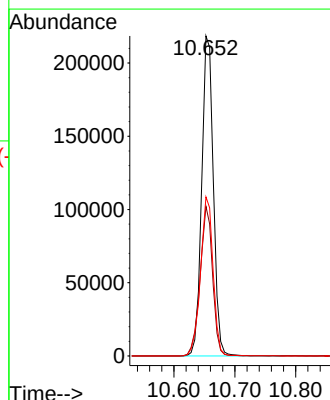
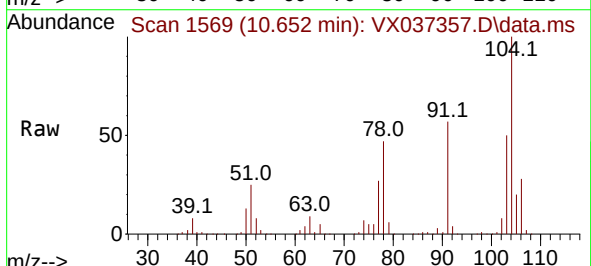
Manual Integrations
APPROVED

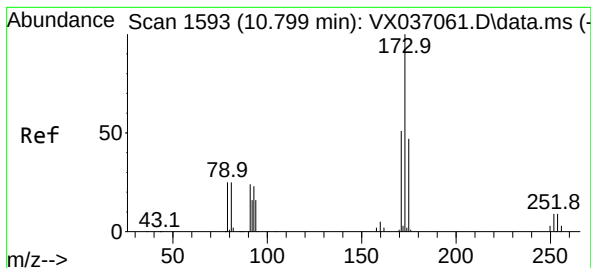
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#70
Styrene
Concen: 55.306 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24

Tgt Ion:104 Resp: 289949
Ion Ratio Lower Upper
104 100
78 50.0 43.6 65.4
103 53.6 43.6 65.4





#71

Bromoform

Concen: 58.706 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037357.D

Acq: 29 Aug 2023 23:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

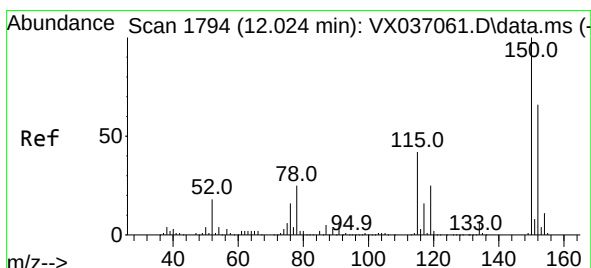
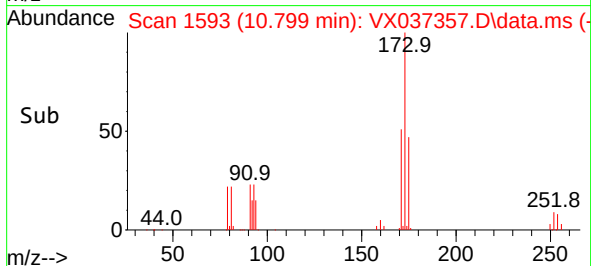
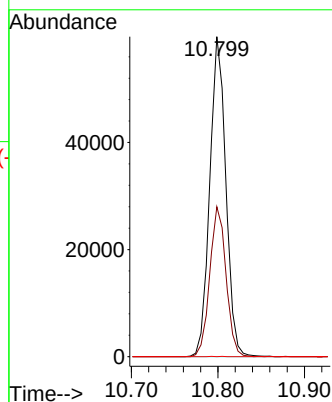
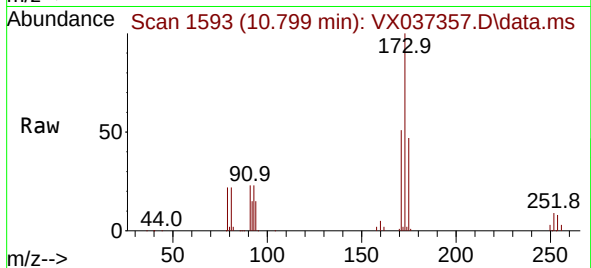
Tgt Ion:173	Resp:	76940
Ion Ratio	Lower	Upper
173	100	
175	47.5	24.1 72.4
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/30/2023

Supervised By :Mahesh Dadoda 08/31/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

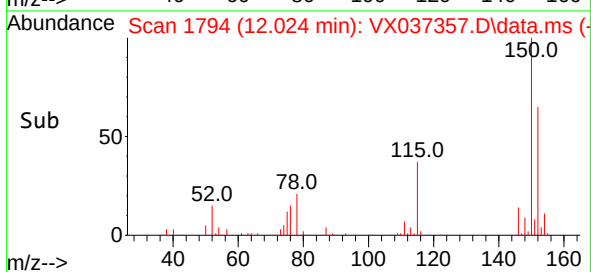
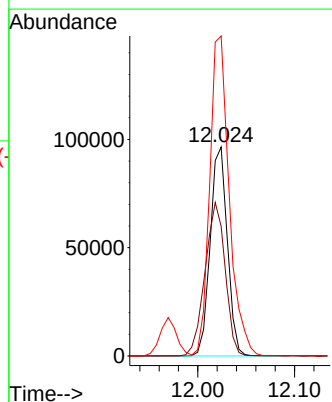
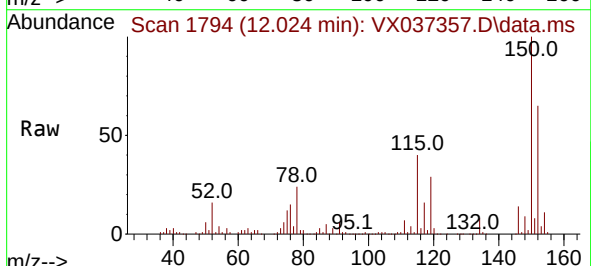
RT: 12.024 min Scan# 1794

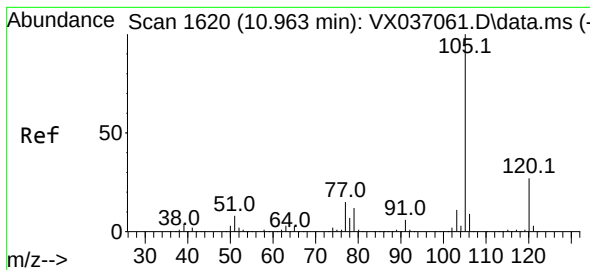
Delta R.T. -0.000 min

Lab File: VX037357.D

Acq: 29 Aug 2023 23:24

Tgt Ion:152	Resp:	119013
Ion Ratio	Lower	Upper
152	100	
115	86.5	43.3 129.9
150	174.5	0.0 345.0





#73

Isopropylbenzene

Concen: 50.543 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX037357.D

Acq: 29 Aug 2023 23:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 437220

Ion Ratio Lower Upper

105 100

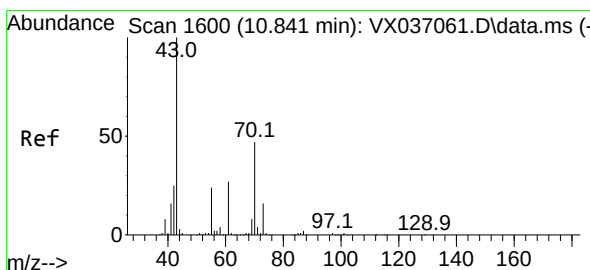
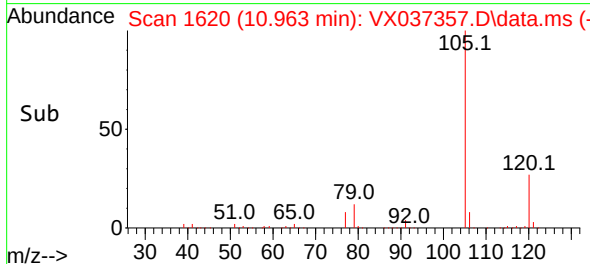
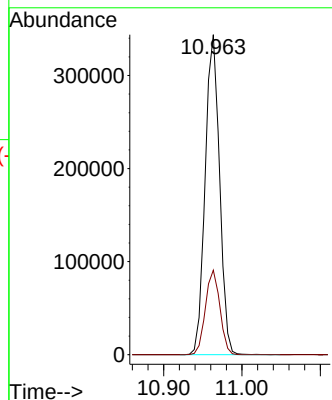
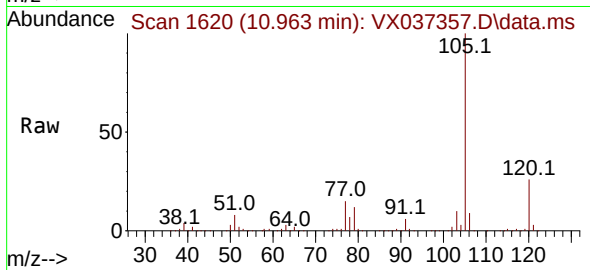
120 26.5 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/30/2023

Supervised By :Mahesh Dadoda 08/31/2023



#74

N-ethyl acetate

Concen: 50.658 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX037357.D

Acq: 29 Aug 2023 23:24

Tgt Ion: 43 Resp: 170274

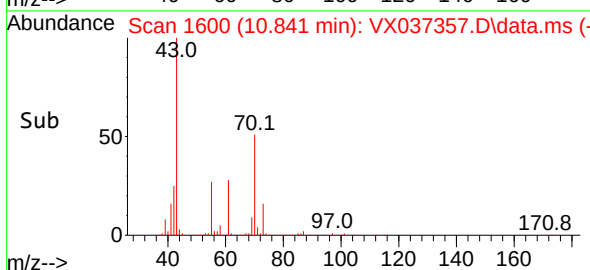
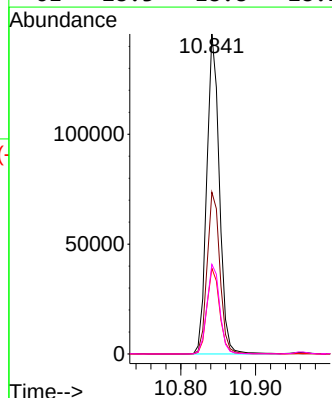
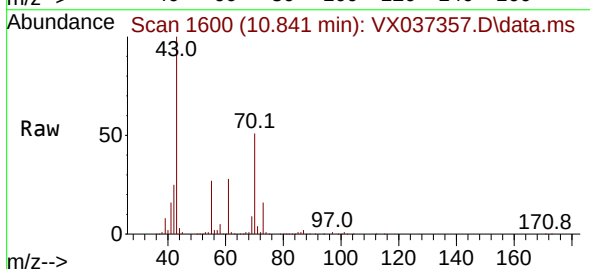
Ion Ratio Lower Upper

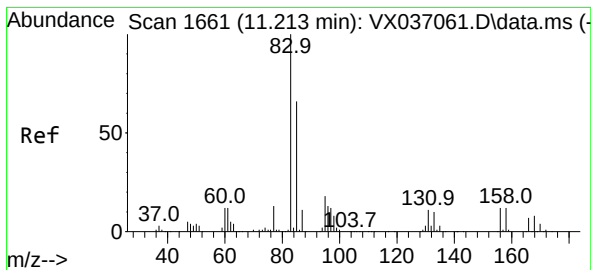
43 100

70 51.3 32.9 49.3#

55 27.0 19.3 28.9

61 28.3 18.8 28.2#





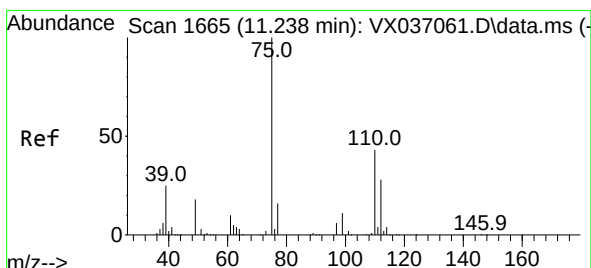
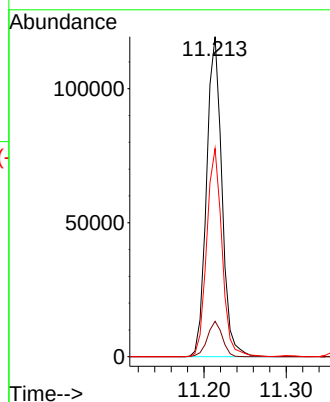
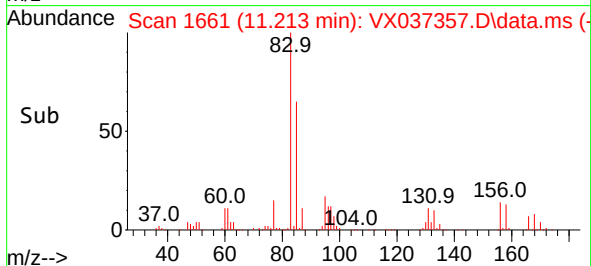
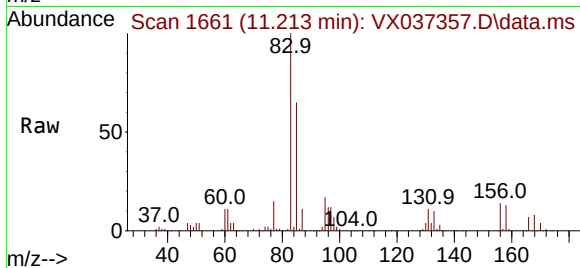
#75
1,1,2,2-Tetrachloroethane
Concen: 53.150 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 154840
Ion Ratio Lower Upper
83 100
131 10.7 5.3 15.8
85 64.9 32.0 96.2

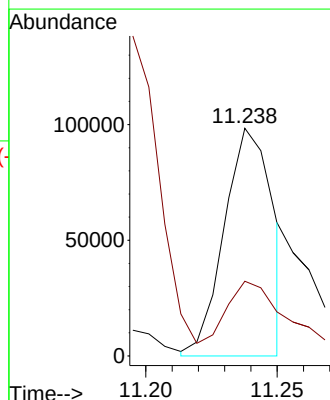
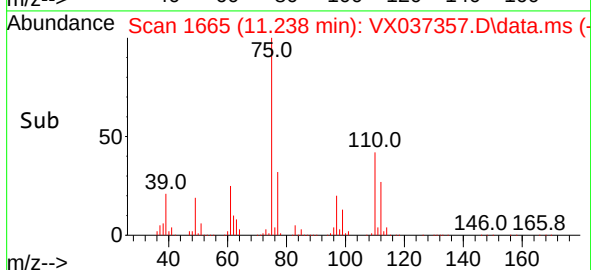
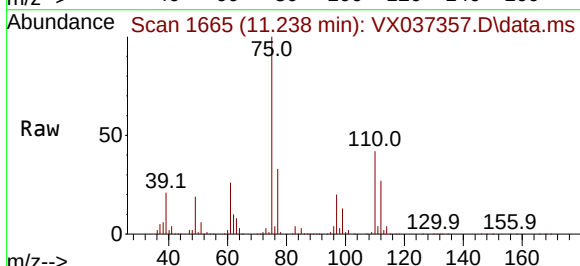
Manual Integrations
APPROVED

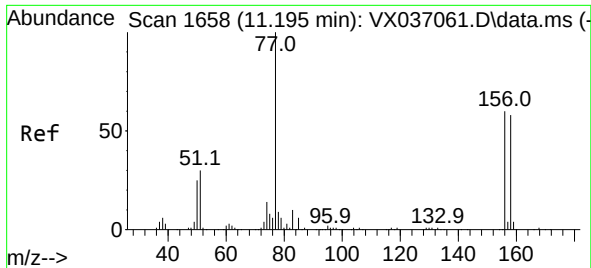
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#76
1,2,3-Trichloropropane
Concen: 49.885 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24

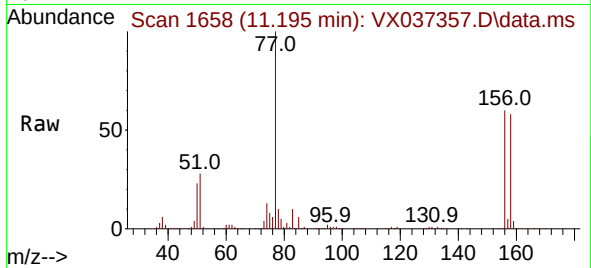
Tgt Ion: 75 Resp: 126439
Ion Ratio Lower Upper
75 100
77 43.2 19.1 57.5





#77
Bromobenzene
Concen: 51.899 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24

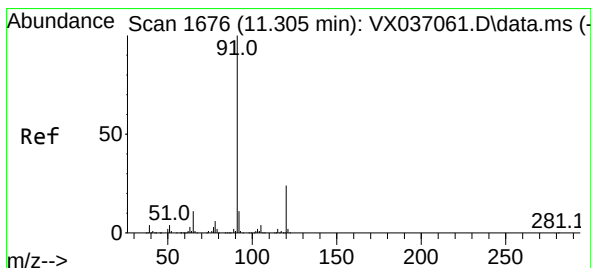
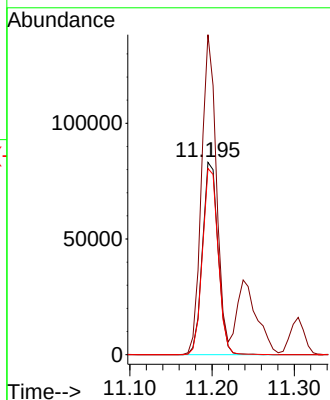
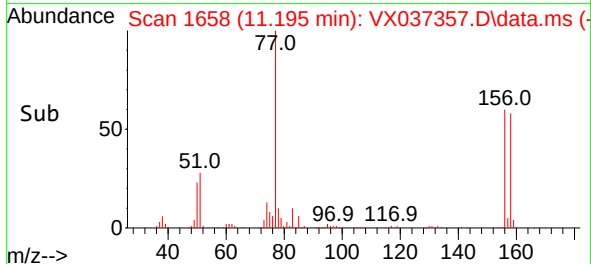
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



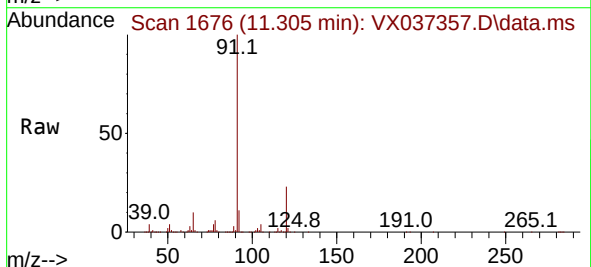
Tgt Ion:156 Resp: 109649
Ion Ratio Lower Upper
156 100
77 158.6 88.4 265.3
158 97.0 48.0 144.0

Manual Integrations
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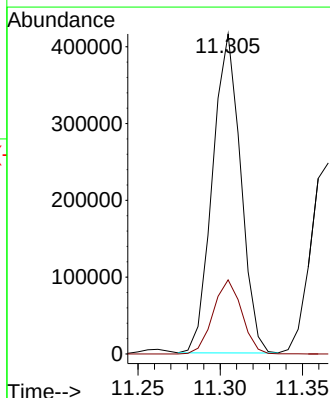
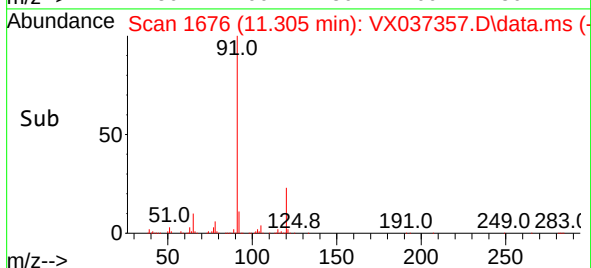
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023

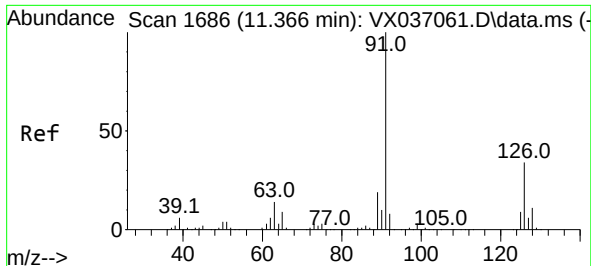


#78
n-propylbenzene
Concen: 51.406 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24



Tgt Ion: 91 Resp: 495160
Ion Ratio Lower Upper
91 100
120 23.5 11.5 34.4





#79

2-Chlorotoluene

Concen: 50.885 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037357.D

Acq: 29 Aug 2023 23:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 313220

Ion Ratio Lower Upper

91 100

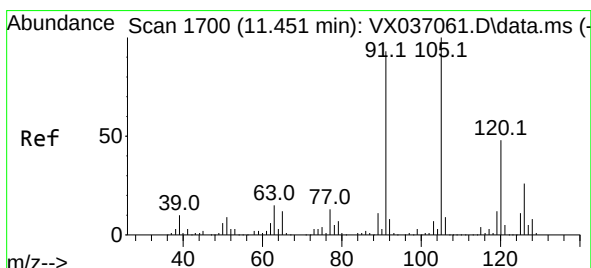
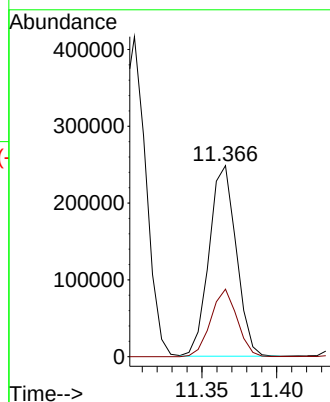
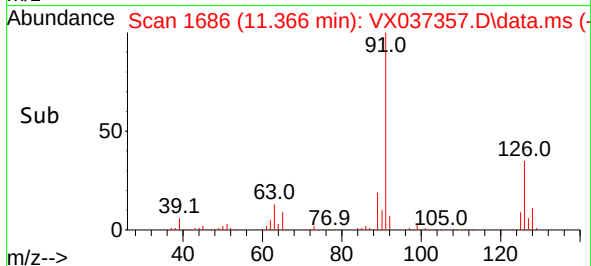
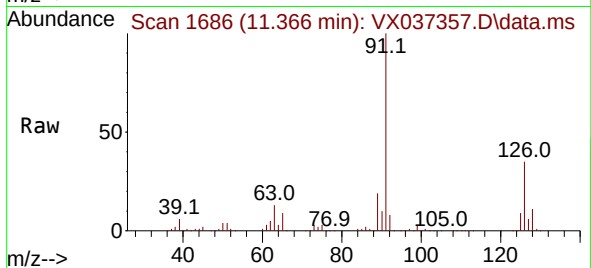
126 34.4 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/30/2023

Supervised By :Mahesh Dadoda 08/31/2023



#80

1,3,5-Trimethylbenzene

Concen: 52.990 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX037357.D

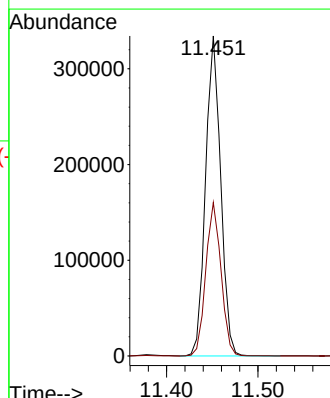
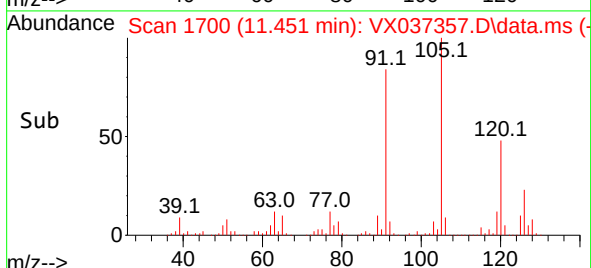
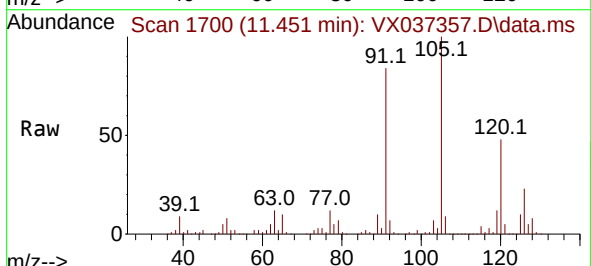
Acq: 29 Aug 2023 23:24

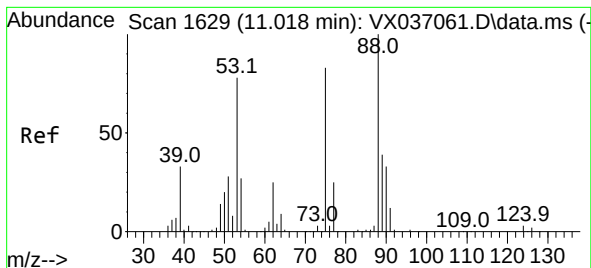
Tgt Ion:105 Resp: 382374

Ion Ratio Lower Upper

105 100

120 48.4 24.1 72.3





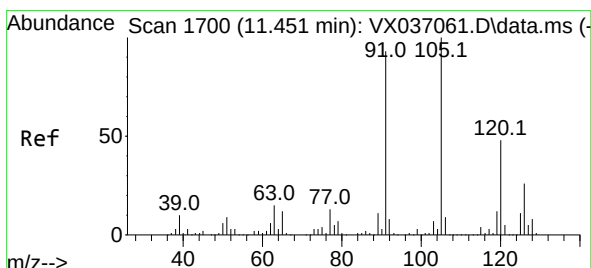
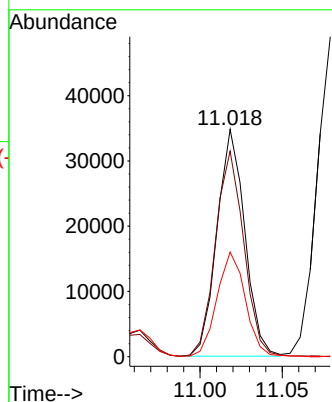
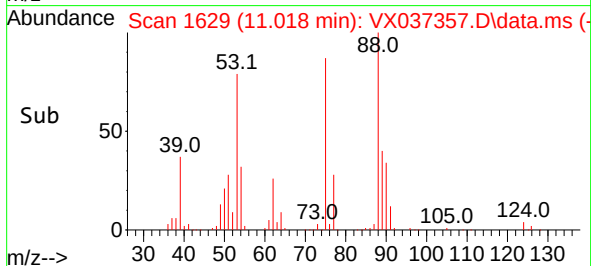
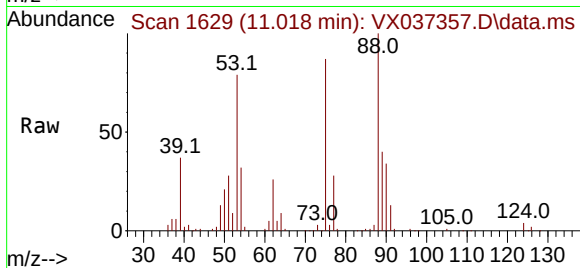
#81
trans-1,4-Dichloro-2-butene
Concen: 45.069 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 40898
Ion Ratio Lower Upper
75 100
53 93.0 90.5 135.7
89 47.2 36.9 55.3

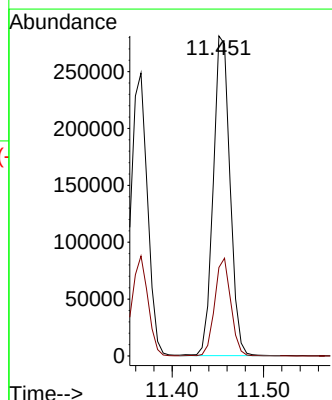
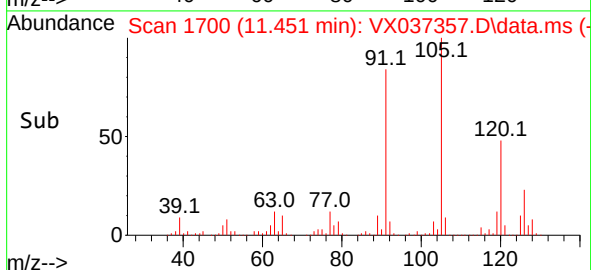
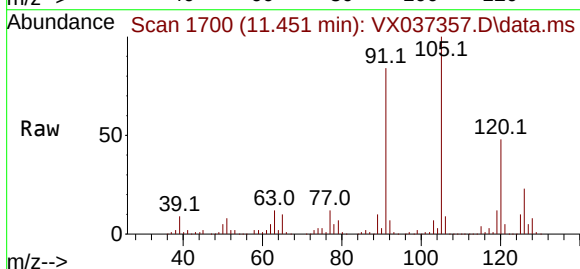
Manual Integrations
APPROVED

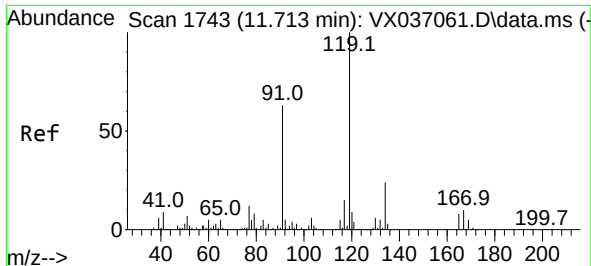
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#82
4-Chlorotoluene
Concen: 50.262 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24

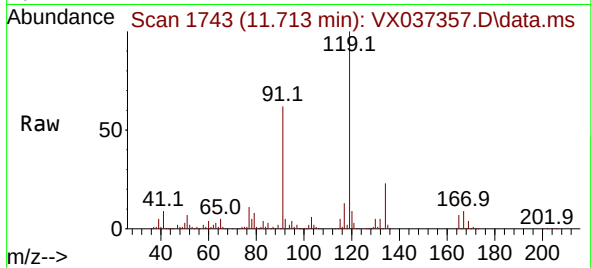
Tgt Ion: 91 Resp: 357141
Ion Ratio Lower Upper
91 100
126 29.6 14.2 42.6





#83
tert-Butylbenzene
Concen: 54.963 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24

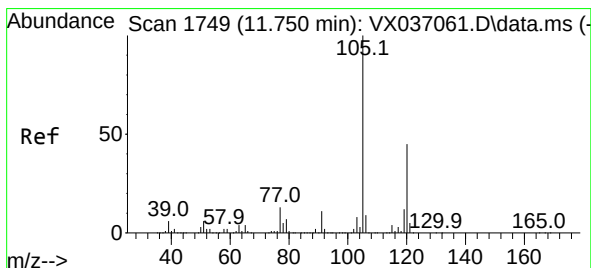
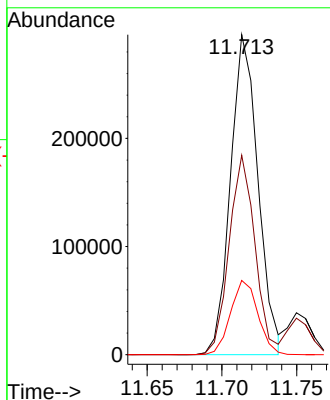
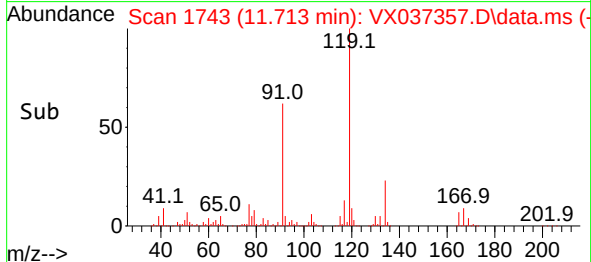
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:119 Resp: 378249
Ion Ratio Lower Upper
119 100
91 58.7 31.2 93.6
134 23.1 11.7 35.0

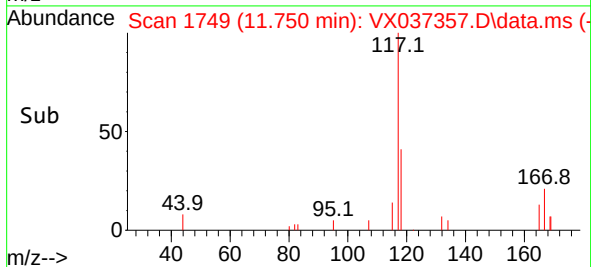
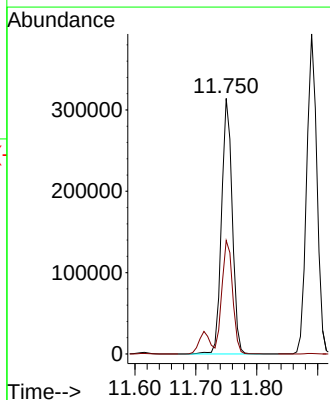
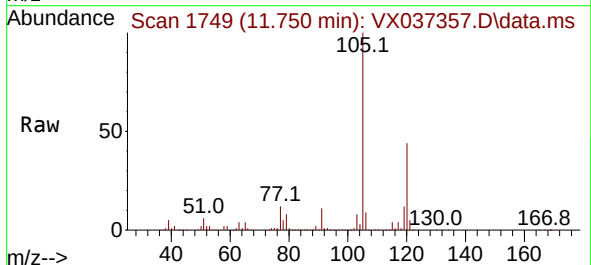
Manual Integrations
APPROVED

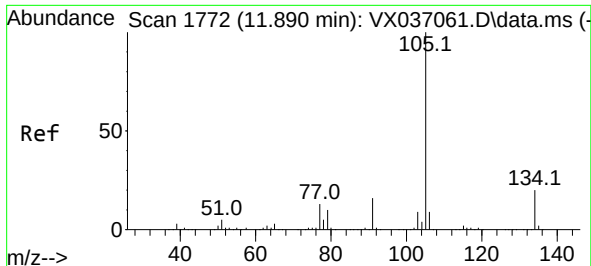
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#84
1,2,4-Trimethylbenzene
Concen: 52.399 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24

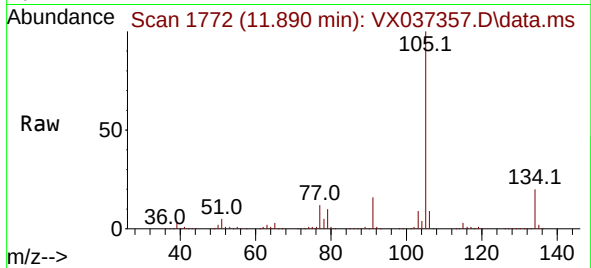
Tgt Ion:105 Resp: 382135
Ion Ratio Lower Upper
105 100
120 44.5 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 57.129 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX037357.D
 Acq: 29 Aug 2023 23:24

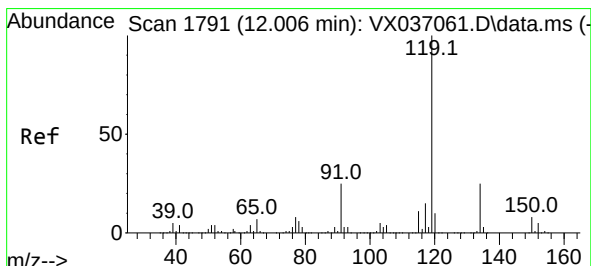
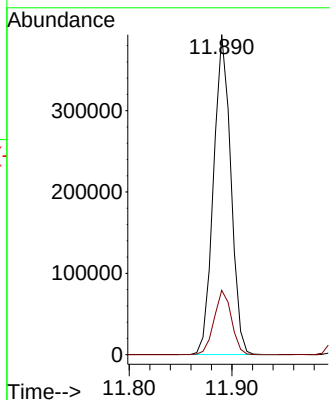
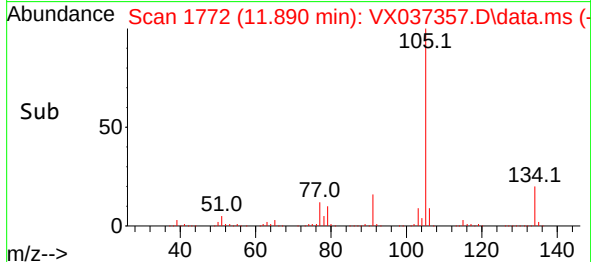
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



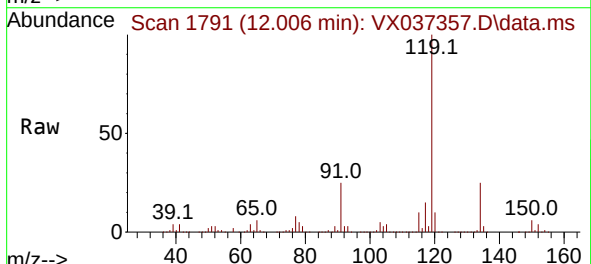
Tgt Ion:105 Resp: 459218
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.4

Manual Integrations
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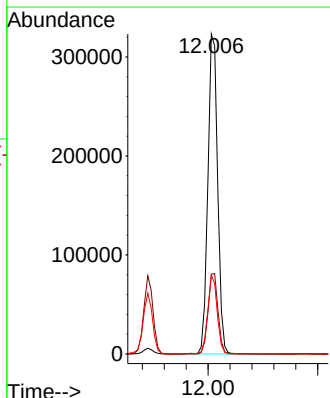
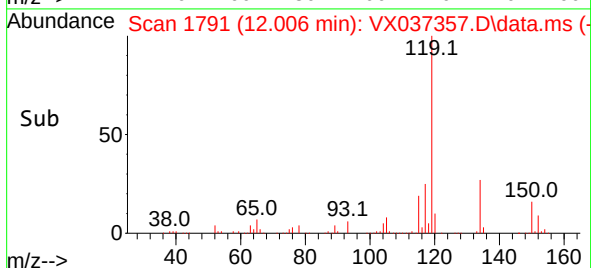
Reviewed By :John Carlone 08/30/2023
 Supervised By :Mahesh Dadoda 08/31/2023

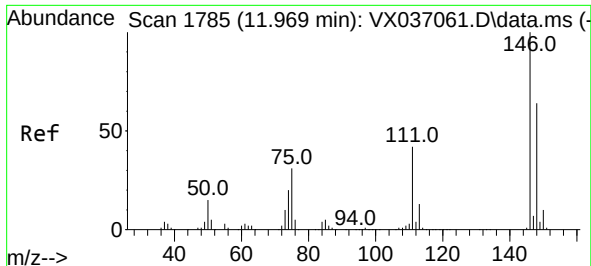


#86
 p-Isopropyltoluene
 Concen: 57.336 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX037357.D
 Acq: 29 Aug 2023 23:24



Tgt Ion:119 Resp: 396755
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.3
 91 23.9 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 52.003 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX037357.D

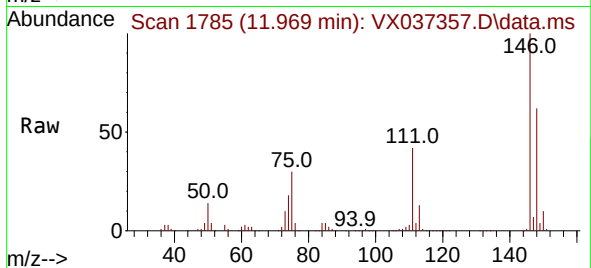
Acq: 29 Aug 2023 23:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion:146 Resp: 20569

Ion Ratio Lower Upper

146 100

111 42.2 22.1 66.1

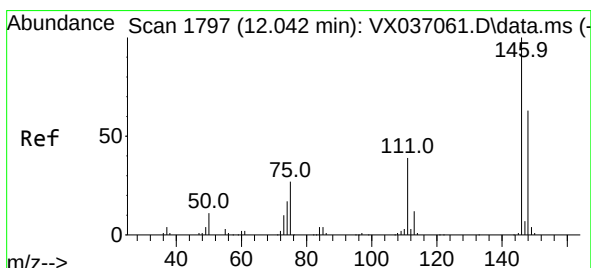
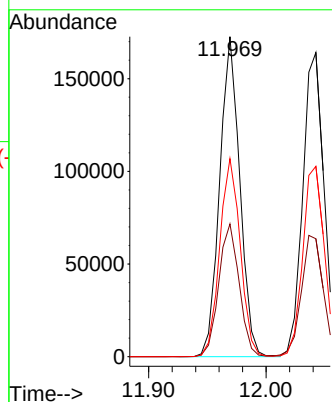
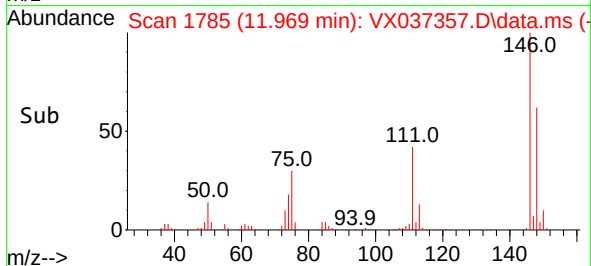
148 63.2 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/30/2023

Supervised By :Mahesh Dadoda 08/31/2023



#88

1,4-Dichlorobenzene

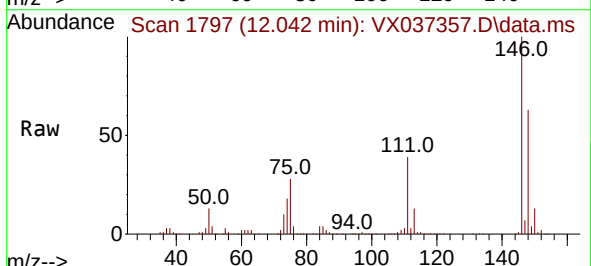
Concen: 50.367 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX037357.D

Acq: 29 Aug 2023 23:24



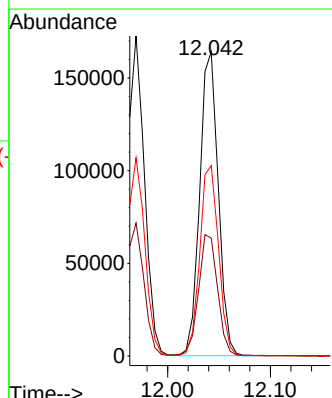
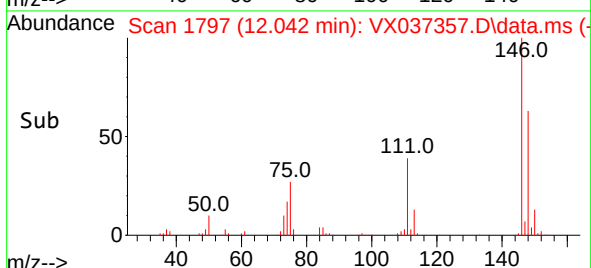
Tgt Ion:146 Resp: 205826

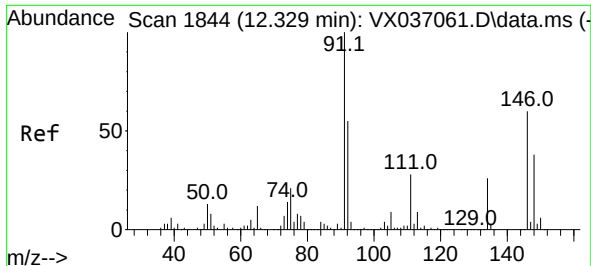
Ion Ratio Lower Upper

146 100

111 41.1 21.3 63.7

148 63.9 31.8 95.4





#89

n-Butylbenzene

Concen: 56.305 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX037357.D

Acq: 29 Aug 2023 23:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 323020

Ion Ratio Lower Upper

91 100

92 55.1 27.4 82.0

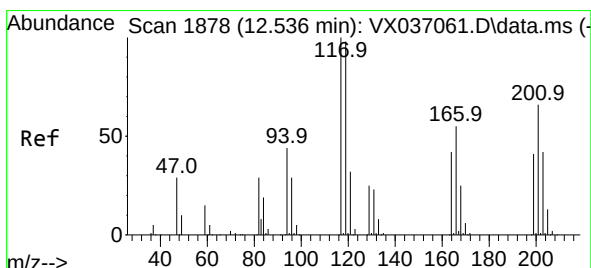
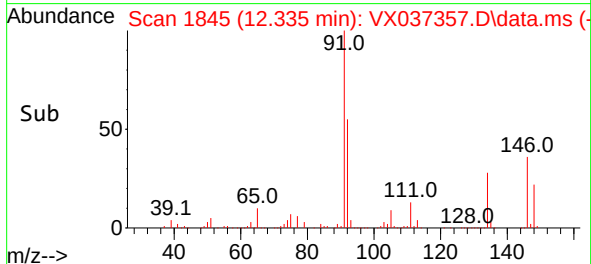
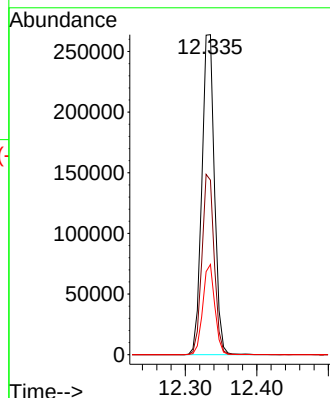
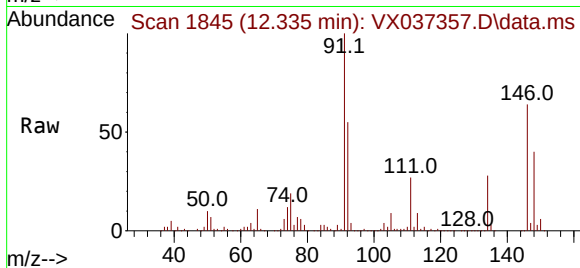
134 27.0 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/30/2023

Supervised By :Mahesh Dadoda 08/31/2023



#90

Hexachloroethane

Concen: 61.159 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX037357.D

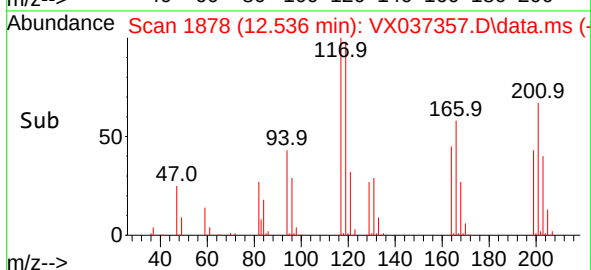
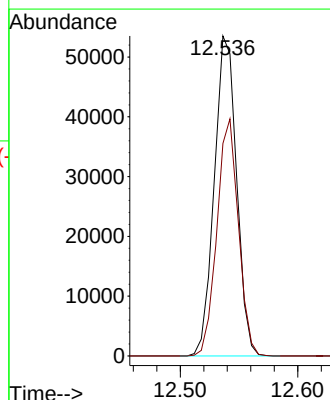
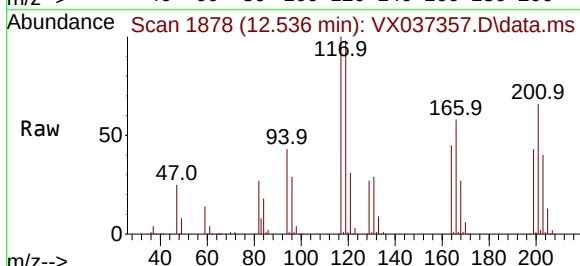
Acq: 29 Aug 2023 23:24

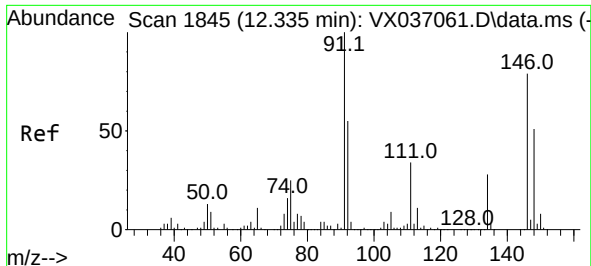
Tgt Ion:117 Resp: 70637

Ion Ratio Lower Upper

117 100

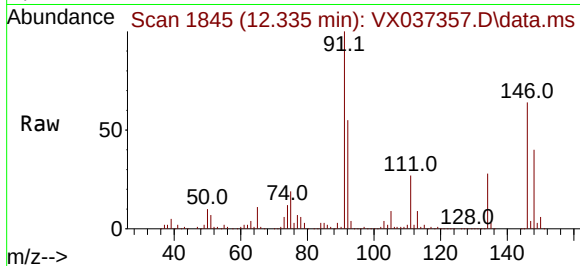
201 71.3 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 53.599 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24

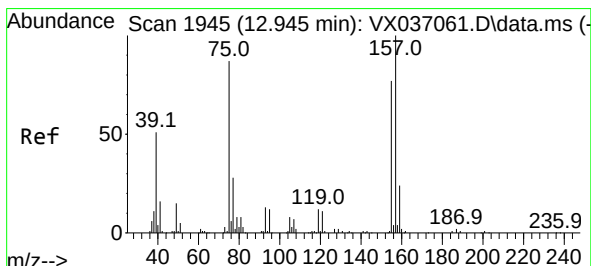
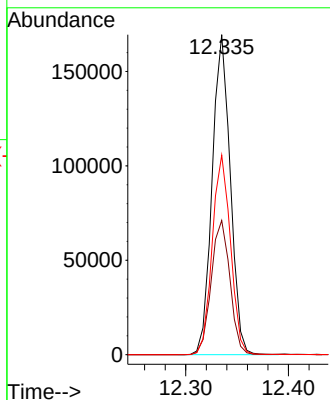
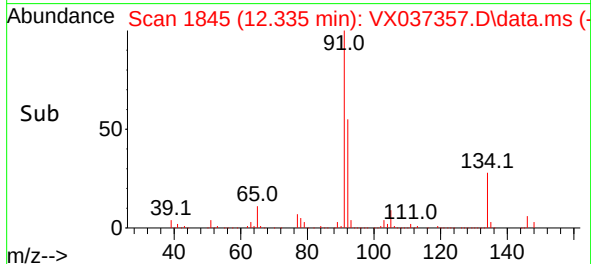
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



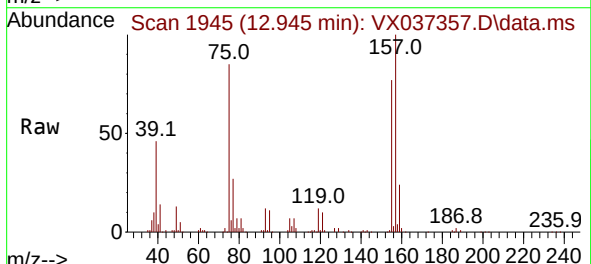
Tgt Ion:146 Resp: 207599
Ion Ratio Lower Upper
146 100
111 43.4 22.4 67.0
148 63.0 31.6 95.0

Manual Integrations
APPROVED

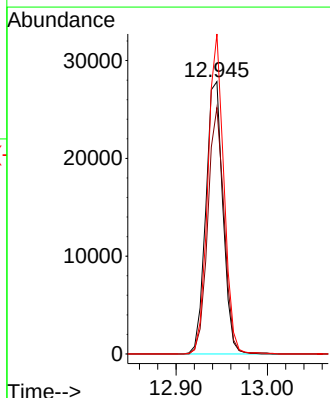
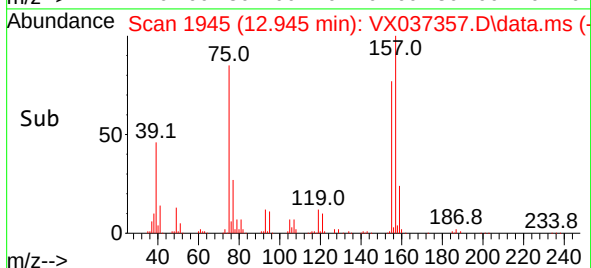
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023

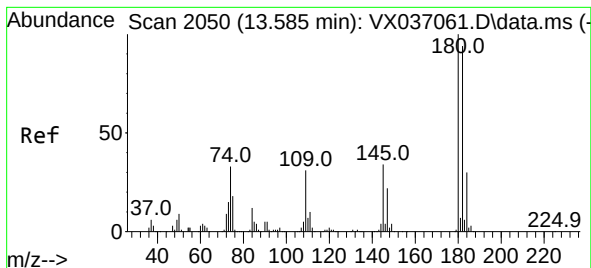


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.187 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24



Tgt Ion: 75 Resp: 36003
Ion Ratio Lower Upper
75 100
155 86.2 36.1 108.5
157 110.2 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 54.186 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX037357.D

Acq: 29 Aug 2023 23:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 12280

Ion Ratio Lower Upper

180 100

182 94.9 48.3 144.8

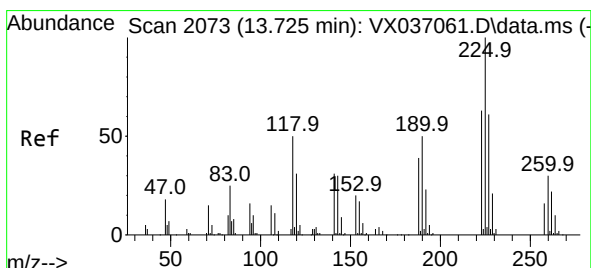
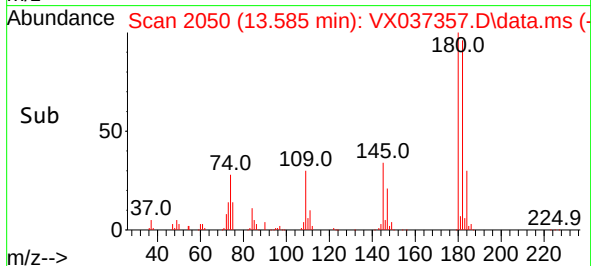
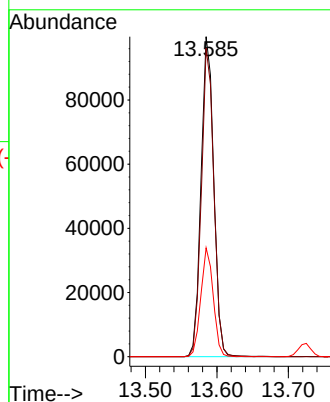
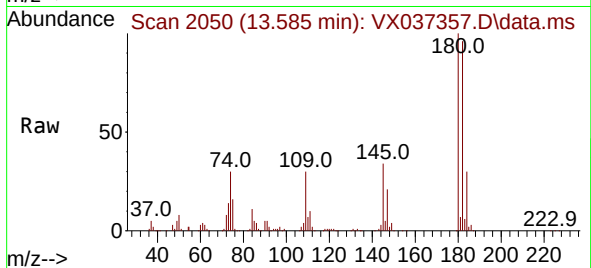
145 33.3 18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/30/2023

Supervised By :Mahesh Dadoda 08/31/2023



#94

Hexachlorobutadiene

Concen: 57.508 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX037357.D

Acq: 29 Aug 2023 23:24

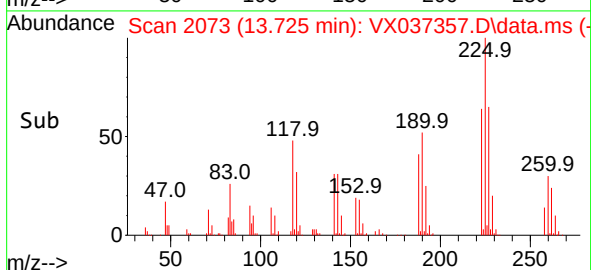
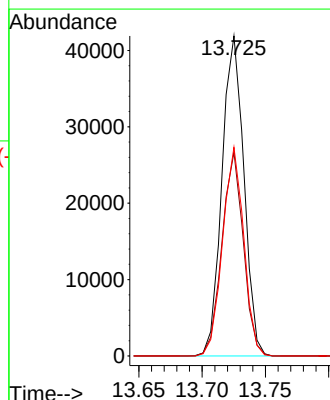
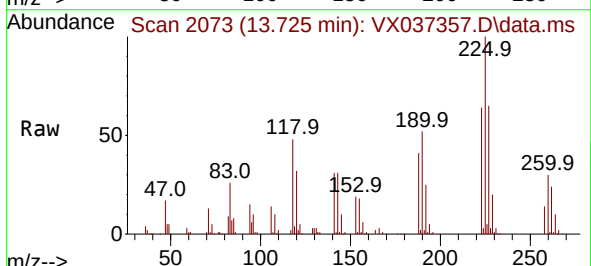
Tgt Ion:225 Resp: 50349

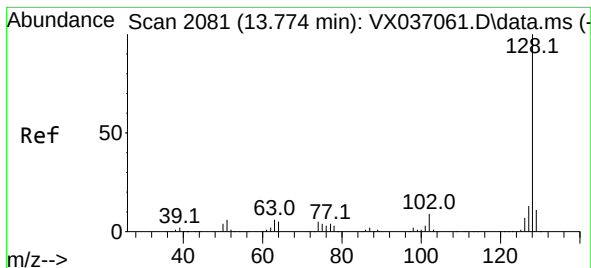
Ion Ratio Lower Upper

225 100

223 62.2 31.1 93.2

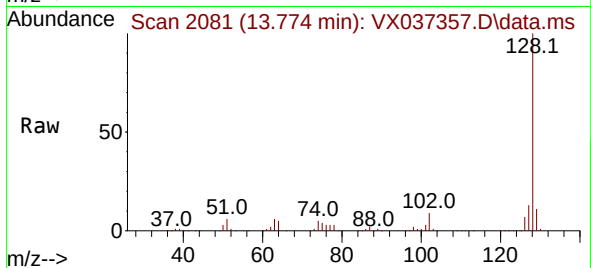
227 63.0 32.5 97.5





#95
Naphthalene
Concen: 46.485 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24

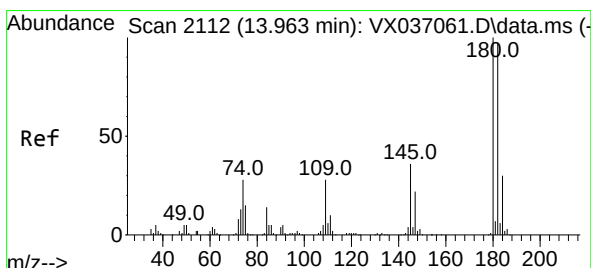
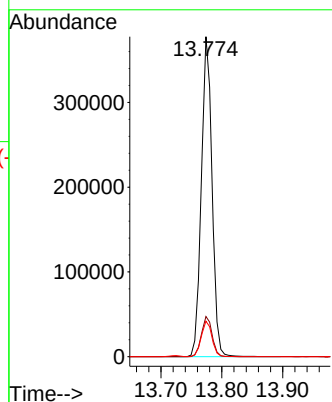
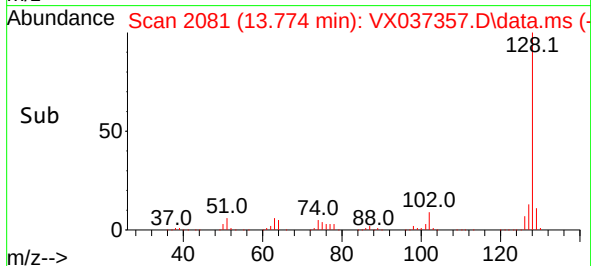
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



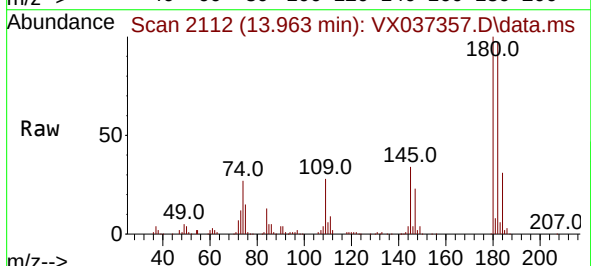
Tgt Ion:128 Resp: 461469
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 11.1 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#96
1,2,3-Trichlorobenzene
Concen: 55.481 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX037357.D
Acq: 29 Aug 2023 23:24



Tgt Ion:180 Resp: 124919
Ion Ratio Lower Upper
180 100
182 95.6 46.9 140.6
145 35.2 17.8 53.5

