

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121423\
 Data File : VX039220.D
 Acq On : 14 Dec 2023 19:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/15/2023
 Supervised By : Mahesh Dadoda 12/15/2023

Quant Time: Dec 15 03:06:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	118828	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	222393	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207454	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	103209	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	102375	47.029	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.060%		
35) Dibromofluoromethane	5.385	113	72144	46.957	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.920%		
50) Toluene-d8	8.647	98	269285	47.211	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.420%		
62) 4-Bromofluorobenzene	11.079	95	112575	47.835	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.660%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	87143	52.189	ug/l	99
3) Chloromethane	1.294	50	91604	49.486	ug/l	98
4) Vinyl Chloride	1.374	62	86514	50.252	ug/l	98
5) Bromomethane	1.599	94	47901	48.362	ug/l	93
6) Chloroethane	1.685	64	50685	48.854	ug/l	99
7) Trichlorofluoromethane	1.886	101	128151	50.835	ug/l	99
8) Diethyl Ether	2.130	74	44479	50.979	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	76798	49.922	ug/l	95
10) Methyl Iodide	2.453	142	79103	49.748	ug/l	95
11) Tert butyl alcohol	2.953	59	127521	233.281	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	77669	50.828	ug/l	98
13) Acrolein	2.233	56	97702	224.040	ug/l	99
14) Allyl chloride	2.660	41	154931	50.050	ug/l	97
15) Acrylonitrile	3.056	53	279120	255.097	ug/l	99
16) Acetone	2.374	43	235735	179.905	ug/l	95
17) Carbon Disulfide	2.508	76	218446	48.850	ug/l	100
18) Methyl Acetate	2.697	43	268843	57.099	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	279317	50.542	ug/l	99
20) Methylene Chloride	2.788	84	89134	49.119	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	82997	49.915	ug/l	97
22) Diisopropyl ether	3.757	45	290641	51.579	ug/l	89
23) Vinyl Acetate	3.715	43	1052309	250.849	ug/l	99
24) 1,1-Dichloroethane	3.605	63	160006	50.233	ug/l	99
25) 2-Butanone	4.550	43	399587	212.721	ug/l	99
26) 2,2-Dichloropropane	4.471	77	131068	47.132	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	94690	51.594	ug/l	97
28) Bromochloromethane	4.891	49	77197	49.670	ug/l	94
29) Tetrahydrofuran	4.995	42	267221	257.595	ug/l	99
30) Chloroform	5.086	83	160041	50.278	ug/l	99
31) Cyclohexane	5.464	56	142602	50.719	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	140830	50.964	ug/l	99
36) 1,1-Dichloropropene	5.690	75	120472	49.690	ug/l	99
37) Ethyl Acetate	4.708	43	150055	50.096	ug/l	99
38) Carbon Tetrachloride	5.672	117	113207	48.928	ug/l	98
39) Methylcyclohexane	7.379	83	145237	49.871	ug/l	98
40) Benzene	6.038	78	345676	50.403	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	81669	51.102	ug/l	97
42) 1,2-Dichloroethane	6.086	62	138053	49.728	ug/l	99
43) Isopropyl Acetate	6.336	43	243692	50.031	ug/l	100
44) Trichloroethene	7.123	130	85298	49.286	ug/l	95
45) 1,2-Dichloropropane	7.428	63	94022	51.082	ug/l	99
46) Dibromomethane	7.580	93	64713	50.015	ug/l	95
47) Bromodichloromethane	7.818	83	126659	51.198	ug/l	96
48) Methyl methacrylate	7.690	41	146068	51.296	ug/l	95
49) 1,4-Dioxane	7.653	88	41392	1078.365	ug/l #	100
51) 4-Methyl-2-Pentanone	8.568	43	791761	255.124	ug/l	99
52) Toluene	8.714	92	211849	51.179	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	142125	52.182	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	147555	50.350	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	86992	50.339	ug/l	96
56) Ethyl methacrylate	9.116	69	111491	52.849	ug/l	96
57) 1,3-Dichloropropane	9.305	76	150188	50.271	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	357060	288.242	ug/l	95
59) 2-Hexanone	9.427	43	629369	234.980	ug/l	98
60) Dibromochloromethane	9.519	129	90473	51.767	ug/l	100
61) 1,2-Dibromoethane	9.610	107	93652	50.765	ug/l	100
64) Tetrachloroethene	9.275	164	73162	53.969	ug/l	96
65) Chlorobenzene	10.079	112	221433	48.902	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	80656	50.427	ug/l	99
67) Ethyl Benzene	10.195	91	421843	50.048	ug/l	99
68) m/p-Xylenes	10.299	106	296762	98.197	ug/l	92
69) o-Xylene	10.640	106	145551	49.813	ug/l	91
70) Styrene	10.653	104	216567	50.698	ug/l	95
71) Bromoform	10.799	173	60677	51.037	ug/l #	100
73) Isopropylbenzene	10.963	105	398342	50.024	ug/l	99
74) N-amyl acetate	10.842	43	207693	51.551	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.207	83	142477	48.097	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	130487m	48.868	ug/l	
77) Bromobenzene	11.195	156	87467	49.672	ug/l	90
78) n-propylbenzene	11.305	91	489807	49.924	ug/l	96
79) 2-Chlorotoluene	11.360	91	288009	48.531	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	341269	50.308	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	45500	48.070	ug/l	96
82) 4-Chlorotoluene	11.451	91	340878	48.904	ug/l	96
83) tert-Butylbenzene	11.713	119	315663	48.895	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	343852	49.428	ug/l	99
85) sec-Butylbenzene	11.890	105	409539	49.851	ug/l	98
86) p-Isopropyltoluene	12.006	119	341000	49.460	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	167572	48.439	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	167763	46.575	ug/l	98
89) n-Butylbenzene	12.329	91	341375	50.369	ug/l	96
90) Hexachloroethane	12.536	117	62444	50.140	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	158958	48.023	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	39856	51.081	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	104108	48.033	ug/l	99
94) Hexachlorobutadiene	13.725	225	38351	46.953	ug/l	97
95) Naphthalene	13.774	128	388489	51.468	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	101154	48.344	ug/l	98

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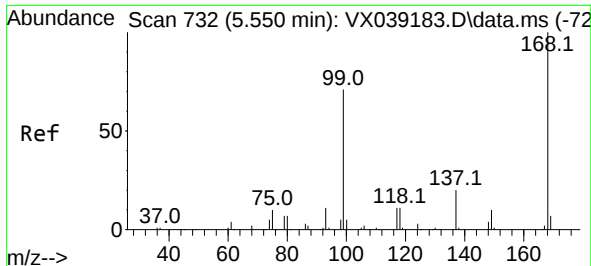
Manual Integrations
APPROVED

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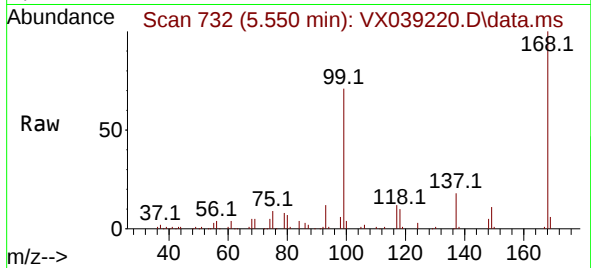
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
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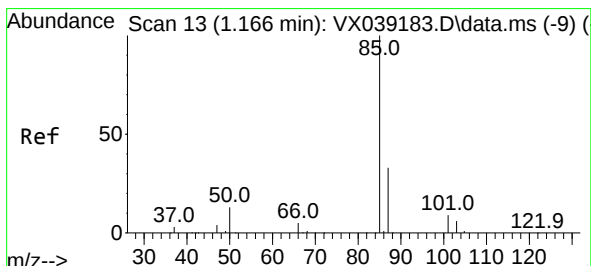
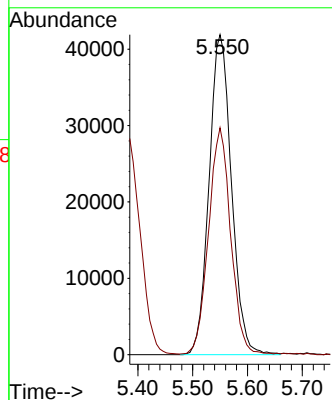
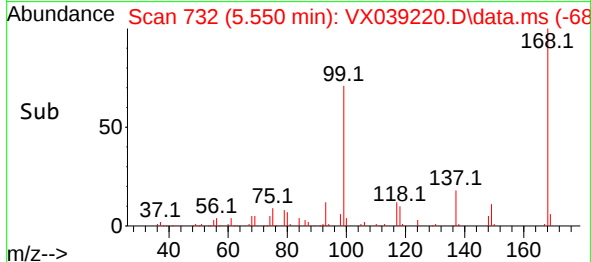
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 118828
Ion Ratio Lower Upper
168 100
99 70.7 56.6 85.0

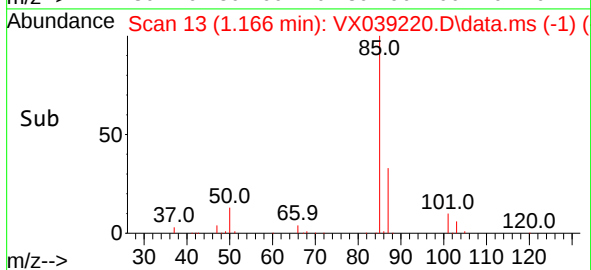
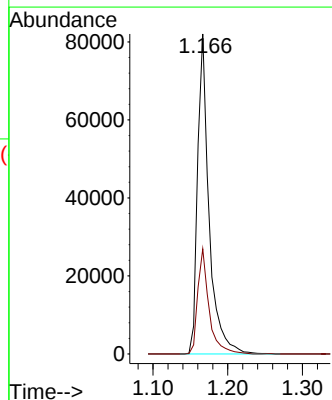
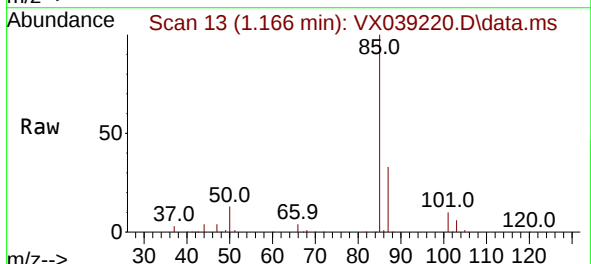
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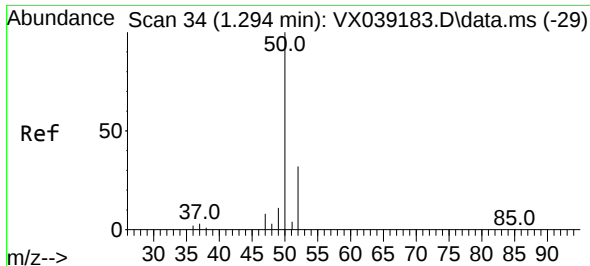
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#2
Dichlorodifluoromethane
Concen: 52.189 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039220.D
Acq: 14 Dec 2023 19:45

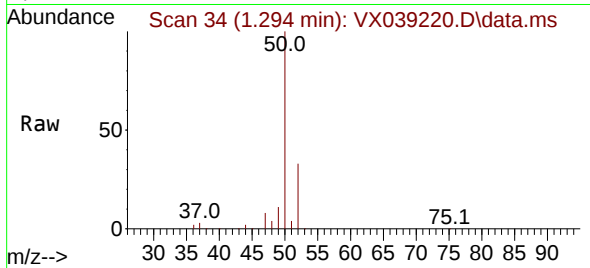
Tgt Ion: 85 Resp: 87143
Ion Ratio Lower Upper
85 100
87 32.8 16.7 50.1





#3
Chloromethane
Concen: 49.486 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039220.D
Acq: 14 Dec 2023 19:45

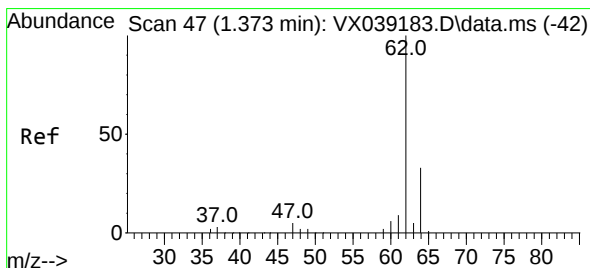
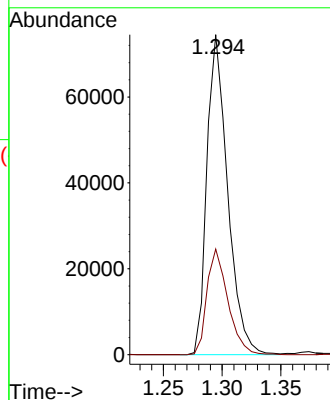
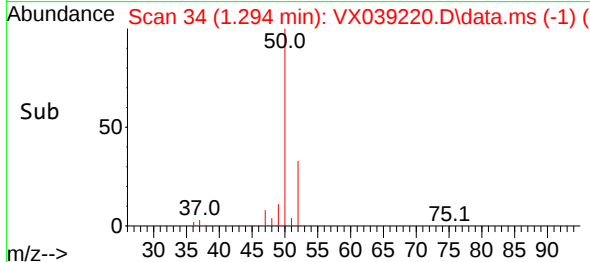
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Tgt Ion: 50 Resp: 91604
Ion Ratio Lower Upper
50 100
52 33.0 25.5 38.3

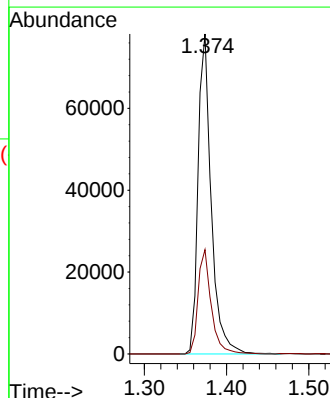
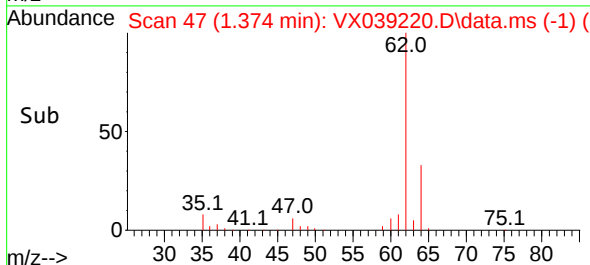
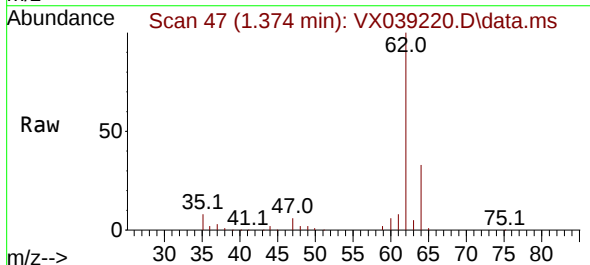
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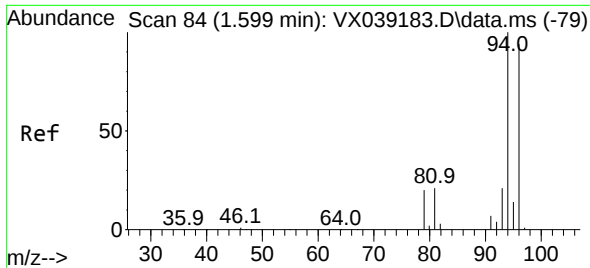
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#4
Vinyl Chloride
Concen: 50.252 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX039220.D
Acq: 14 Dec 2023 19:45

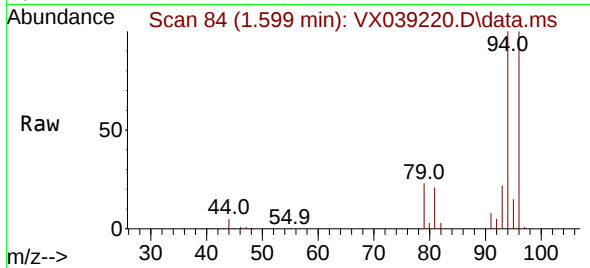
Tgt Ion: 62 Resp: 86514
Ion Ratio Lower Upper
62 100
64 32.6 25.4 38.0





#5
Bromomethane
Concen: 48.362 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX039220.D
Acq: 14 Dec 2023 19:45

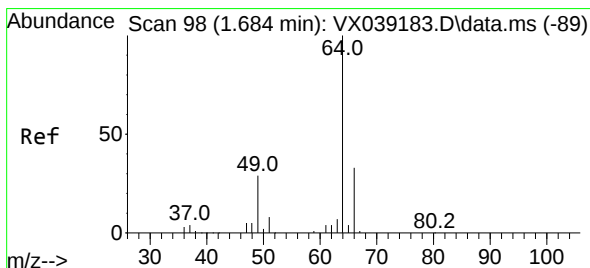
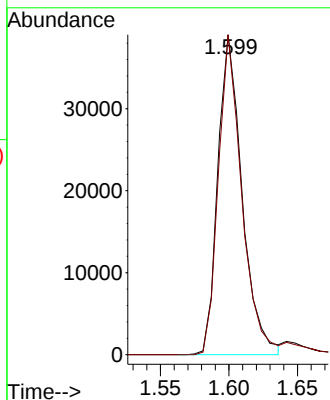
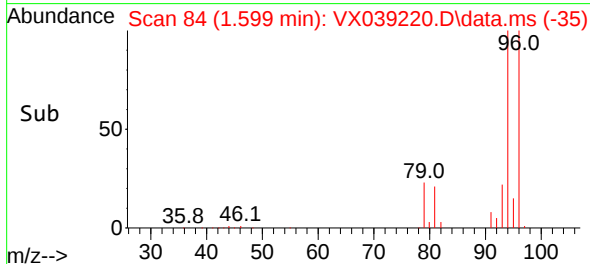
Instrument :
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Tgt Ion: 94 Resp: 4790
Ion Ratio Lower Upper
94 100
96 99.9 74.6 111.8

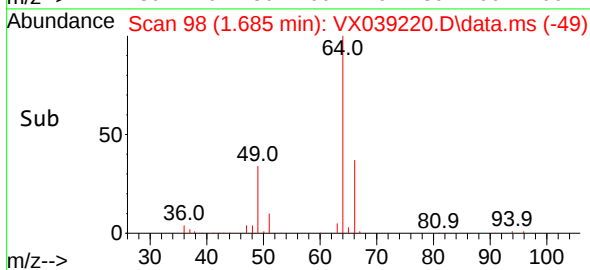
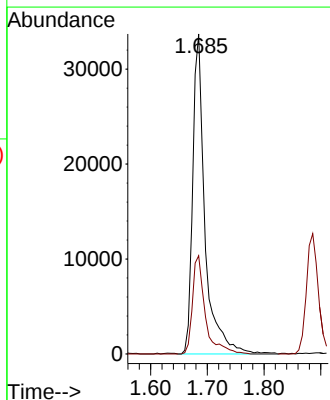
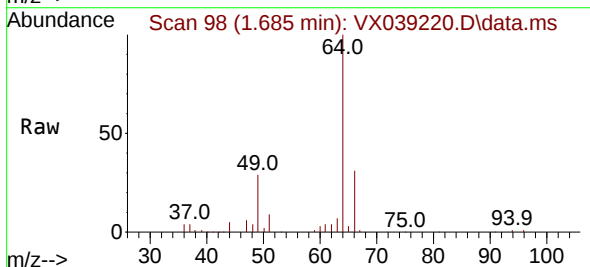
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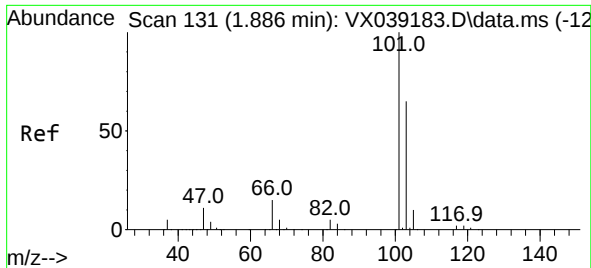
Reviewed By :John Carlone 12/15/2023
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#6
Chloroethane
Concen: 48.854 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX039220.D
Acq: 14 Dec 2023 19:45

Tgt Ion: 64 Resp: 50685
Ion Ratio Lower Upper
64 100
66 30.7 25.1 37.7





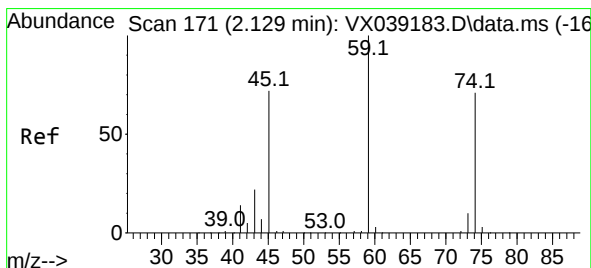
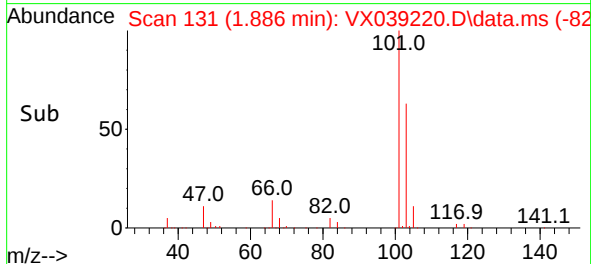
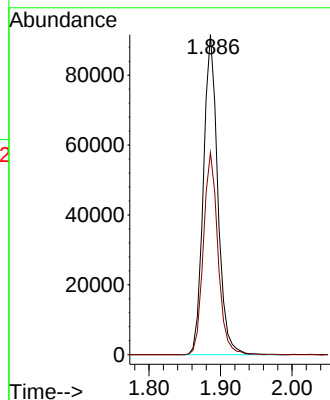
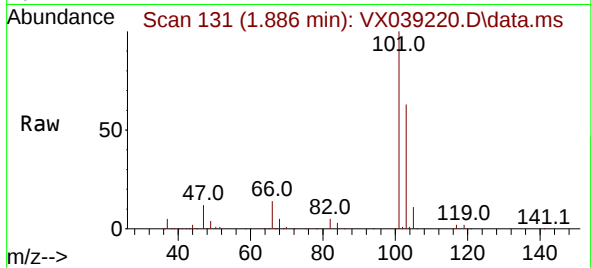
#7
Trichlorofluoromethane
Concen: 50.835 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039220.D
Acq: 14 Dec 2023 19:45

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:101 Resp: 12815
Ion Ratio Lower Upper
101 100
103 63.1 51.4 77.2

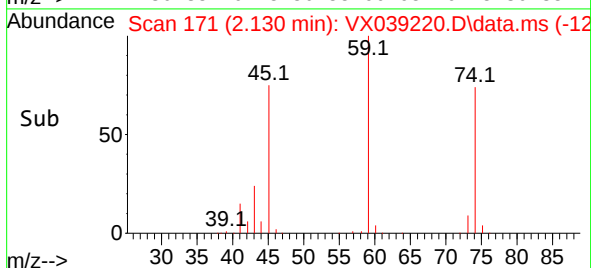
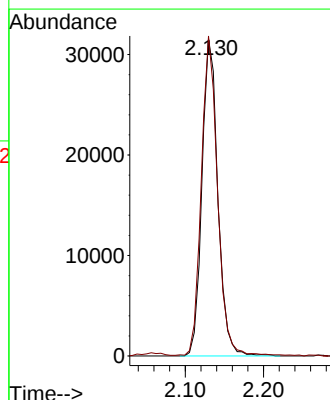
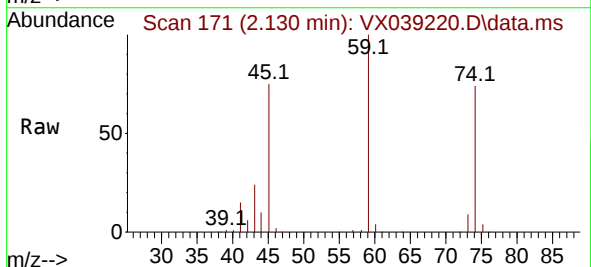
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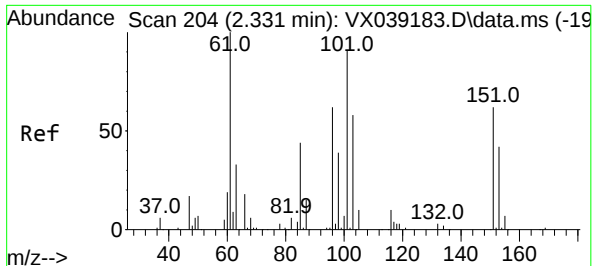
Reviewed By :John Carlone 12/15/2023
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#8
Diethyl Ether
Concen: 50.979 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX039220.D
Acq: 14 Dec 2023 19:45

Tgt Ion: 74 Resp: 44479
Ion Ratio Lower Upper
74 100
45 103.6 53.3 159.8





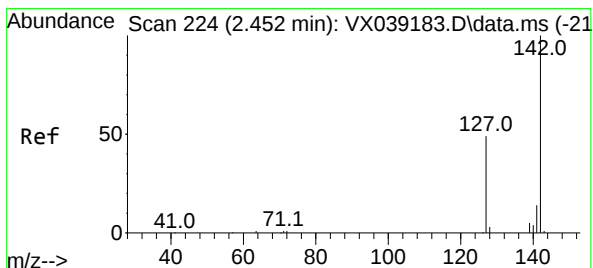
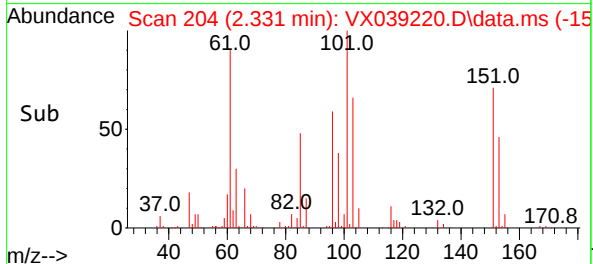
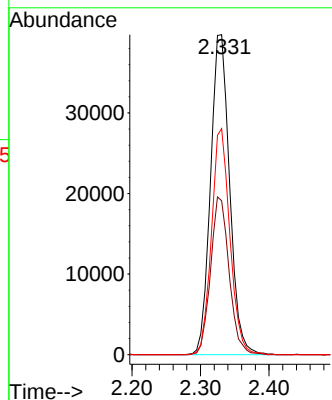
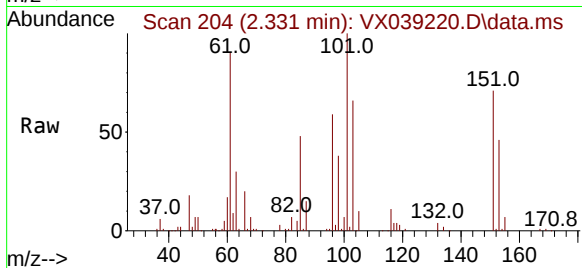
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.922 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX039220.D
Acq: 14 Dec 2023 19:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 76798
Ion Ratio Lower Upper
101 100
85 47.9 37.0 55.6
151 68.3 58.6 87.8

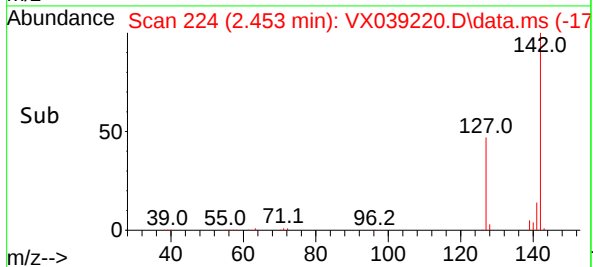
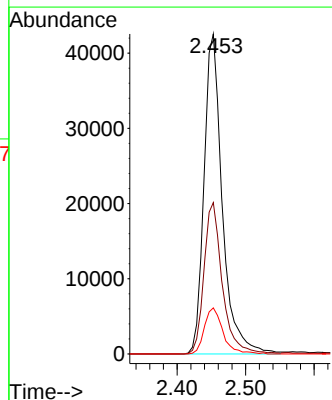
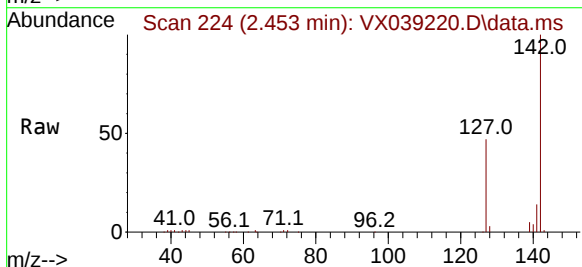
Manual Integrations
APPROVED

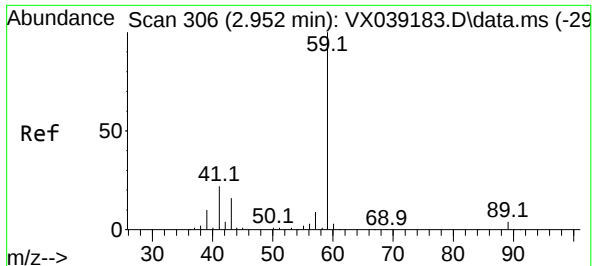
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#10
Methyl Iodide
Concen: 49.748 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX039220.D
Acq: 14 Dec 2023 19:45

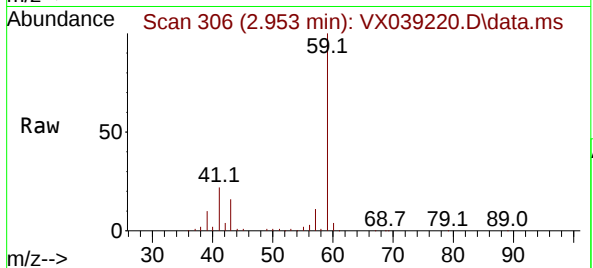
Tgt Ion:142 Resp: 79103
Ion Ratio Lower Upper
142 100
127 47.4 41.6 62.4
141 14.6 11.6 17.4





#11
Tert butyl alcohol
Concen: 233.281 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX039220.D
Acq: 14 Dec 2023 19:45

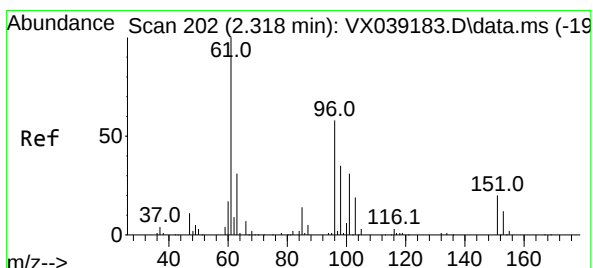
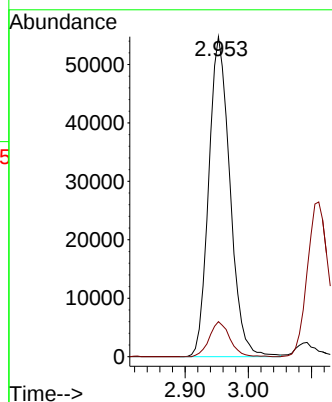
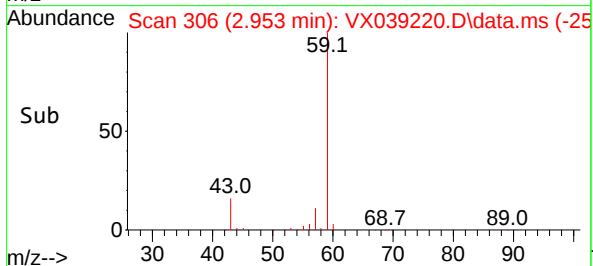
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



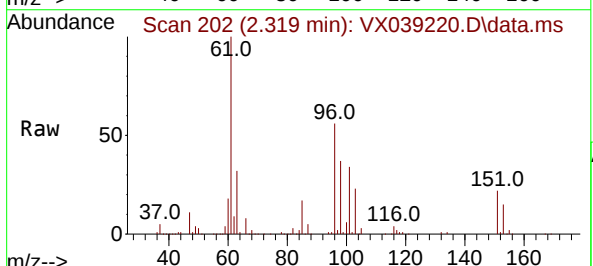
Tgt Ion: 59 Resp: 12752
Ion Ratio Lower Upper
59 100
57 10.6 6.0 9.0

Manual Integrations
APPROVED

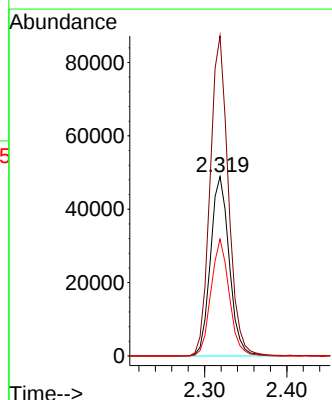
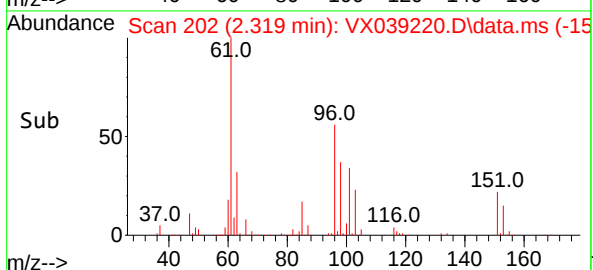
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

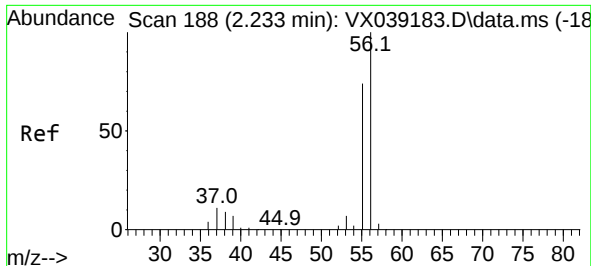


#12
1,1-Dichloroethene
Concen: 50.828 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX039220.D
Acq: 14 Dec 2023 19:45



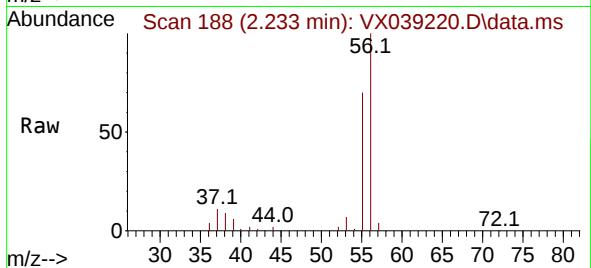
Tgt Ion: 96 Resp: 77669
Ion Ratio Lower Upper
96 100
61 178.4 144.6 216.8
98 65.1 50.4 75.6





#13
Acrolein
Concen: 224.040 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039220.D
Acq: 14 Dec 2023 19:45

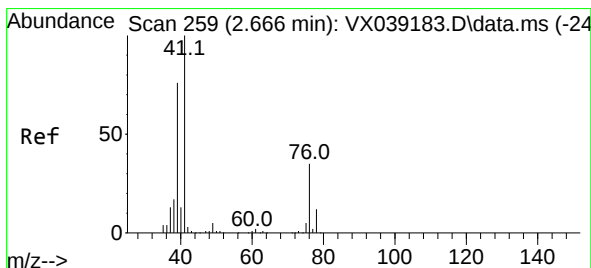
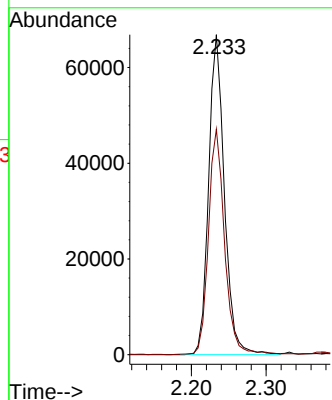
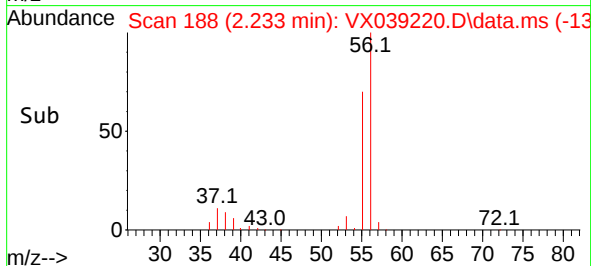
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 97702
Ion Ratio Lower Upper
56 100
55 72.4 57.1 85.7

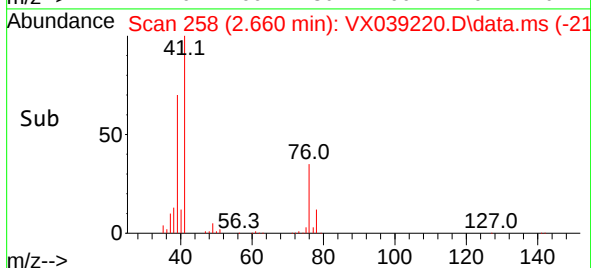
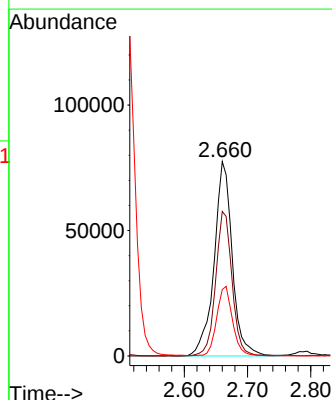
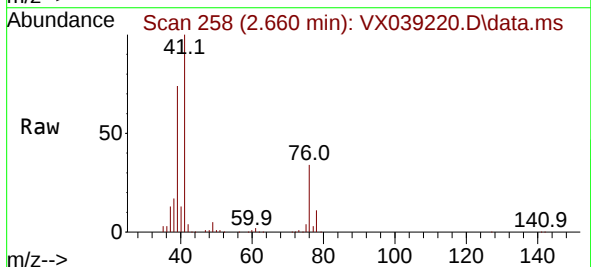
Manual Integrations
APPROVED

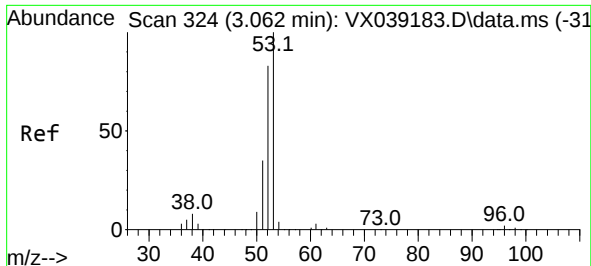
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#14
Allyl chloride
Concen: 50.050 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX039220.D
Acq: 14 Dec 2023 19:45

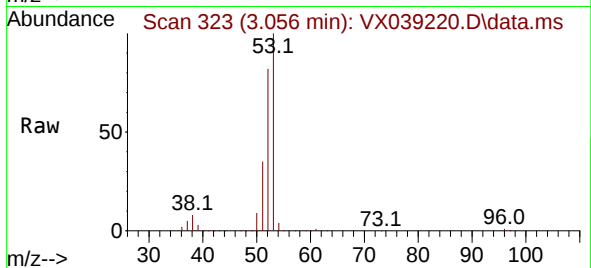
Tgt Ion: 41 Resp: 154931
Ion Ratio Lower Upper
41 100
39 66.9 55.8 83.6
76 30.8 24.3 36.5





#15
Acrylonitrile
Concen: 255.097 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039220.D
Acq: 14 Dec 2023 19:45

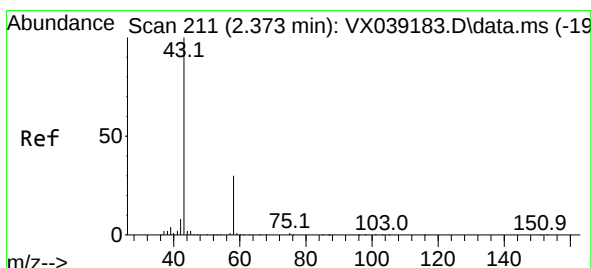
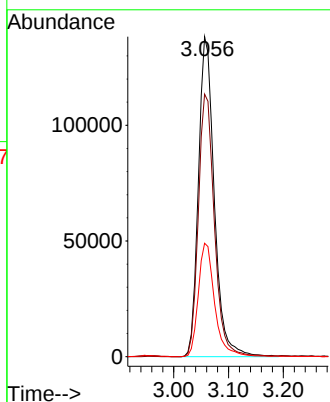
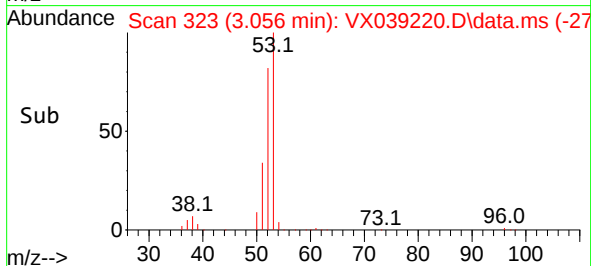
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 279120
Ion Ratio Lower Upper
53 100
52 82.9 66.0 99.0
51 36.5 29.8 44.6

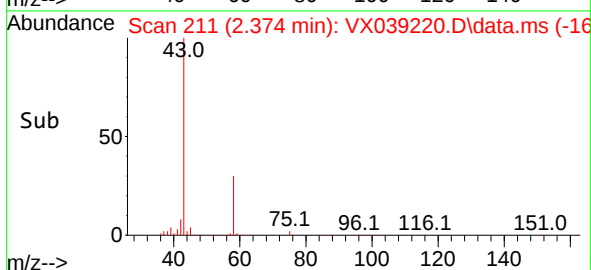
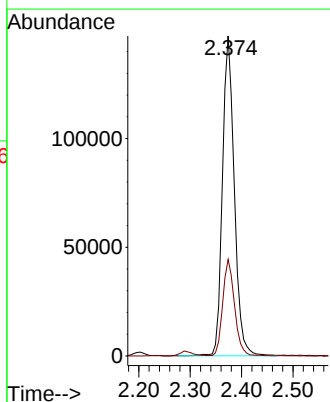
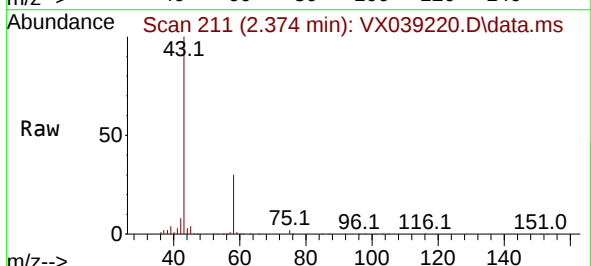
Manual Integrations
APPROVED

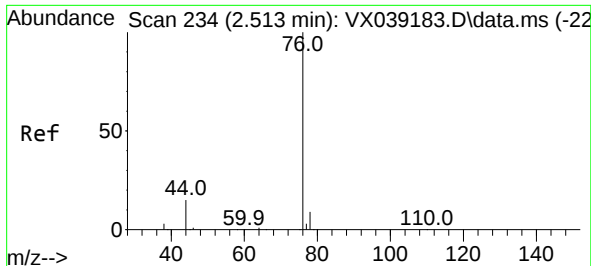
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#16
Acetone
Concen: 179.905 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.001 min
Lab File: VX039220.D
Acq: 14 Dec 2023 19:45

Tgt Ion: 43 Resp: 235735
Ion Ratio Lower Upper
43 100
58 30.0 21.9 32.9





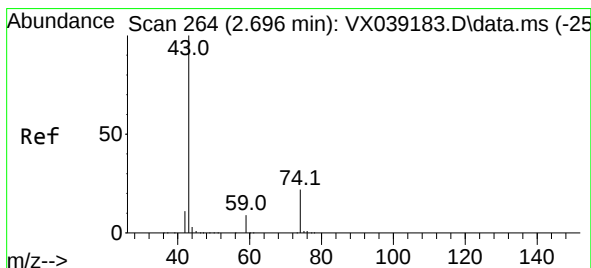
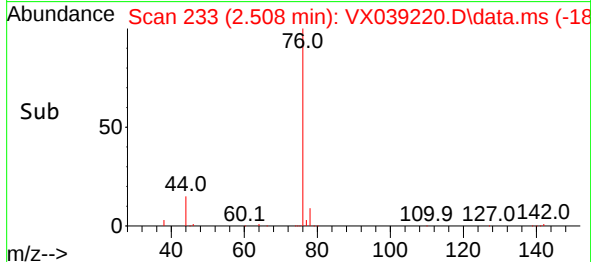
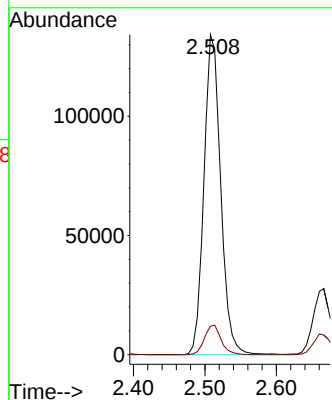
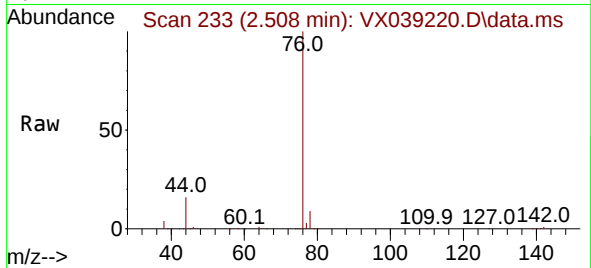
#17
Carbon Disulfide
Concen: 48.850 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX039220.D
Acq: 14 Dec 2023 19:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 218440
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6

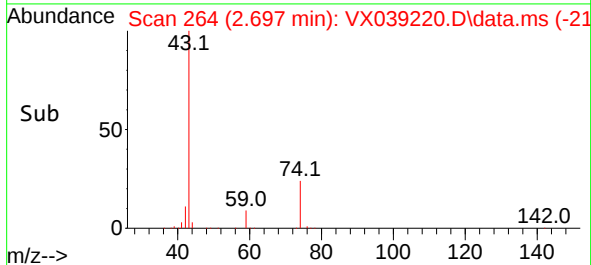
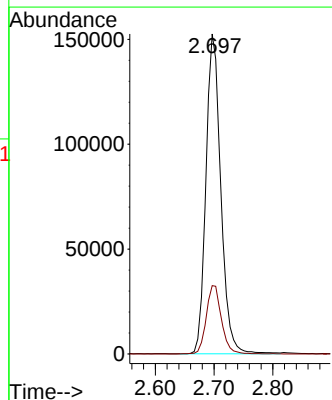
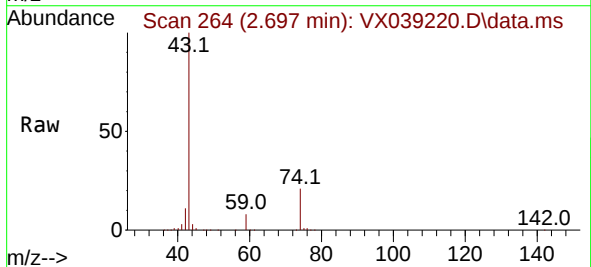
Manual Integrations
APPROVED

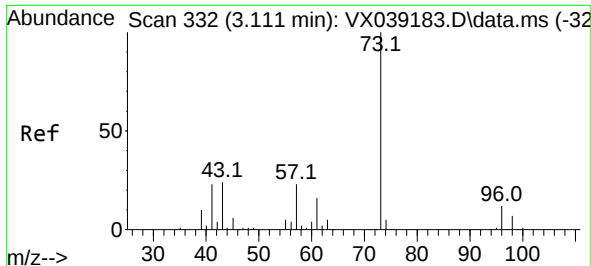
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#18
Methyl Acetate
Concen: 57.099 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX039220.D
Acq: 14 Dec 2023 19:45

Tgt Ion: 43 Resp: 268843
Ion Ratio Lower Upper
43 100
74 21.8 17.8 26.8





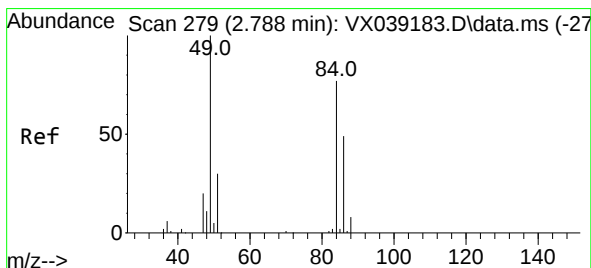
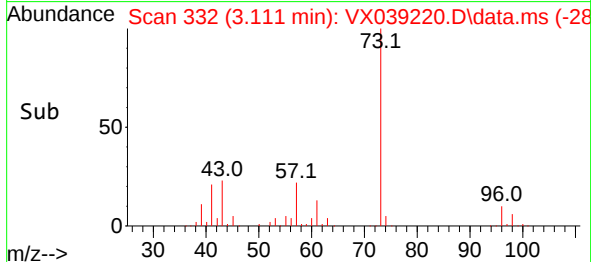
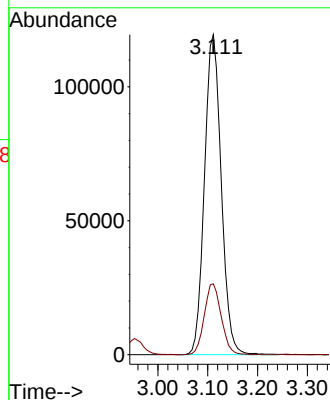
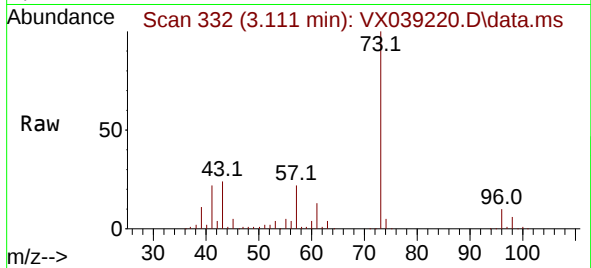
#19
Methyl tert-butyl Ether
Concen: 50.542 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX039220.D
Acq: 14 Dec 2023 19:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 27931
Ion Ratio Lower Upper
73 100
57 22.2 17.3 25.9

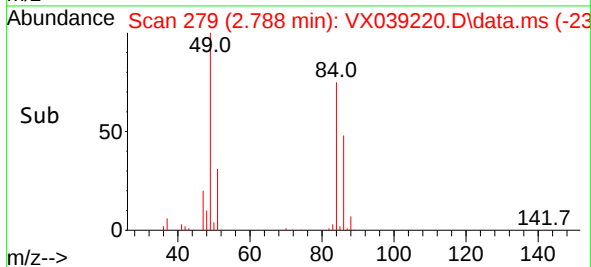
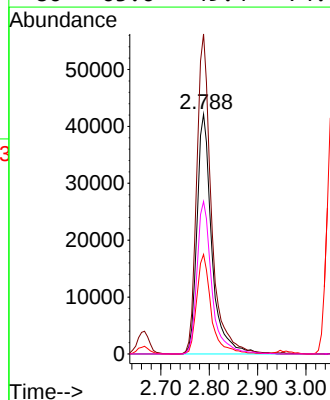
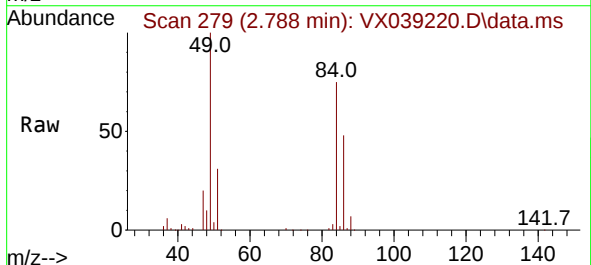
Manual Integrations
APPROVED

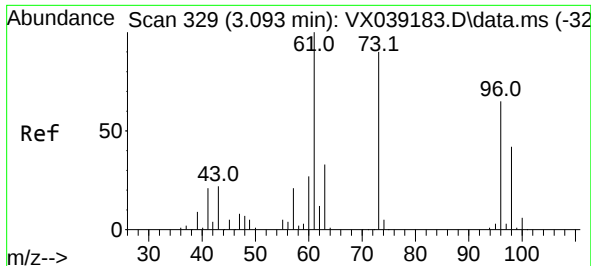
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#20
Methylene Chloride
Concen: 49.119 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039220.D
Acq: 14 Dec 2023 19:45

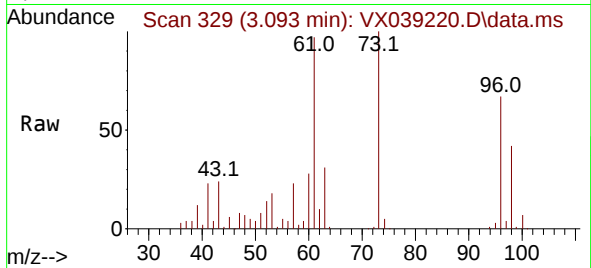
Tgt Ion: 84 Resp: 89134
Ion Ratio Lower Upper
84 100
49 133.5 103.6 155.4
51 41.5 33.8 50.6
86 63.6 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 49.915 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX039220.D
Acq: 14 Dec 2023 19:45

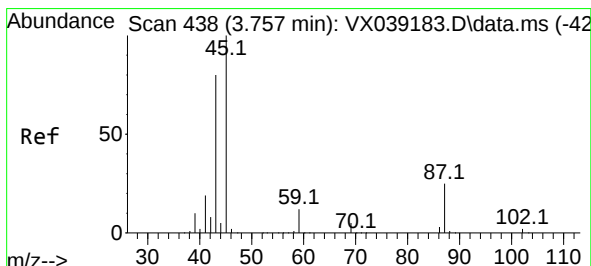
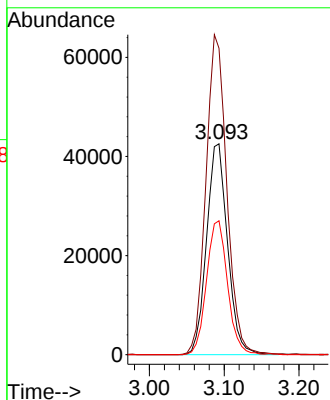
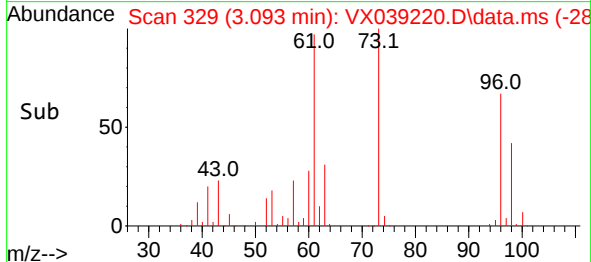
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



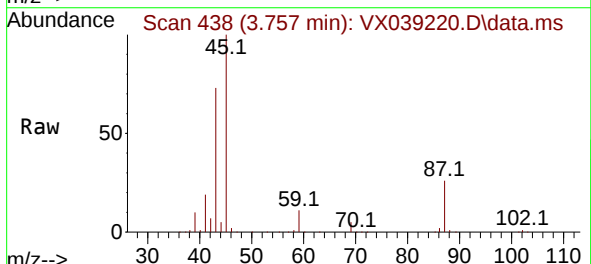
Tgt Ion: 96 Resp: 8299
Ion Ratio Lower Upper
96 100
61 145.3 119.2 178.8
98 63.5 48.7 73.1

Manual Integrations
APPROVED

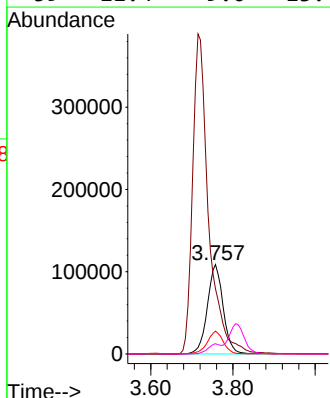
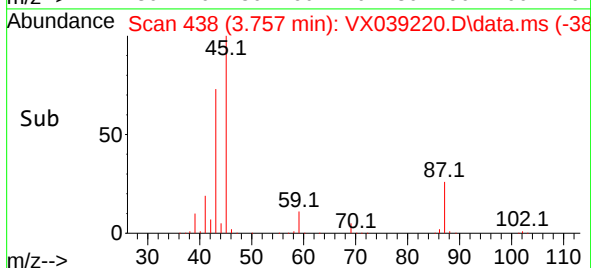
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

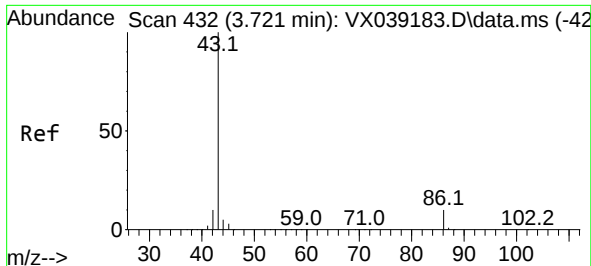


#22
Diisopropyl ether
Concen: 51.579 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX039220.D
Acq: 14 Dec 2023 19:45



Tgt Ion: 45 Resp: 290641
Ion Ratio Lower Upper
45 100
43 72.8 69.7 104.5
87 25.6 20.8 31.2
59 11.4 9.0 13.4





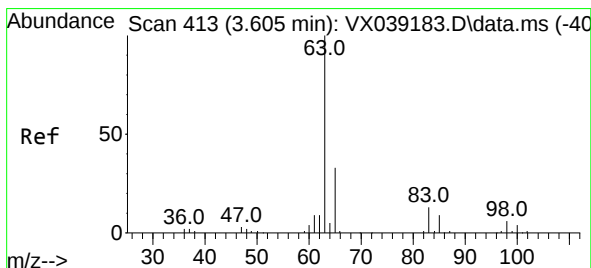
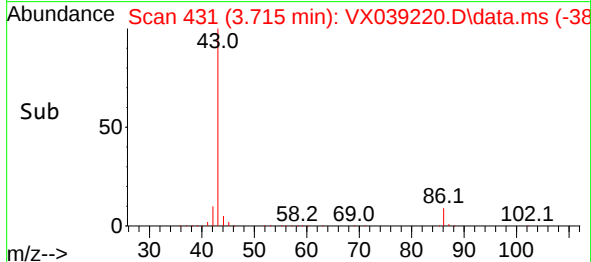
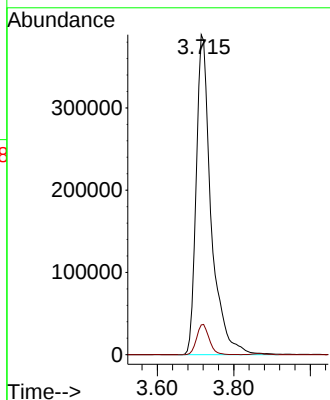
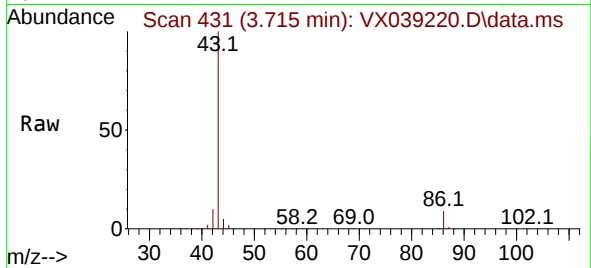
#23
 Vinyl Acetate
 Concen: 250.849 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX039220.D
 Acq: 14 Dec 2023 19:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1052309
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.8 11.8

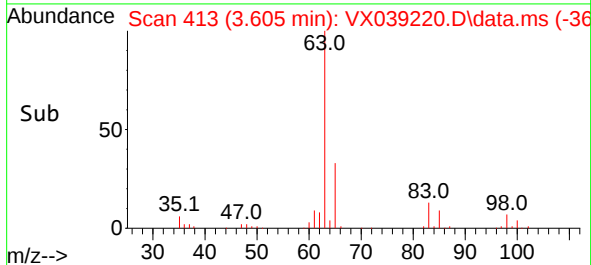
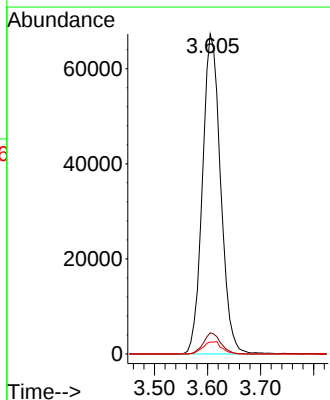
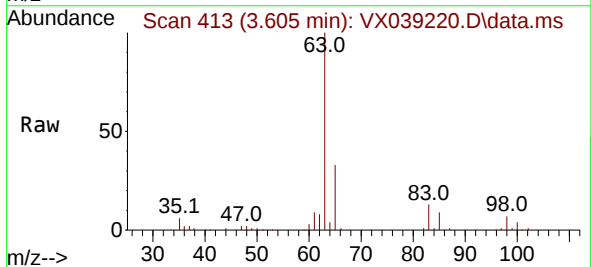
Manual Integrations
 APPROVED

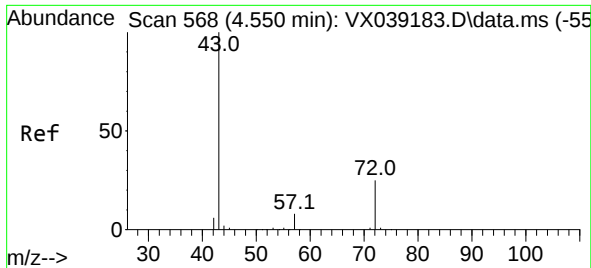
Reviewed By :John Carlone 12/15/2023
 Supervised By :Mahesh Dadoda 12/15/2023



#24
 1,1-Dichloroethane
 Concen: 50.233 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX039220.D
 Acq: 14 Dec 2023 19:45

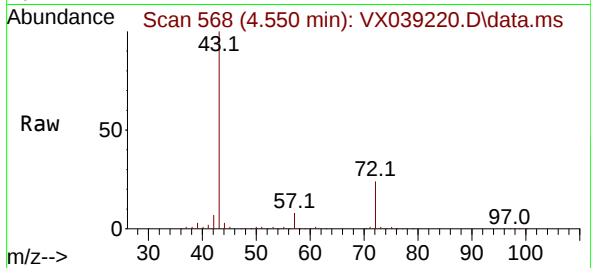
Tgt Ion: 63 Resp: 160006
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.8
 100 3.7 2.1 6.5





#25
2-Butanone
Concen: 212.721 ug/l
RT: 4.550 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX039220.D
Acq: 14 Dec 2023 19:45

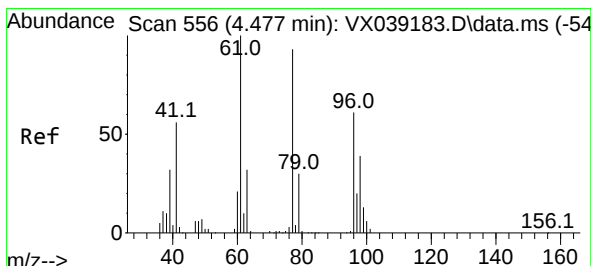
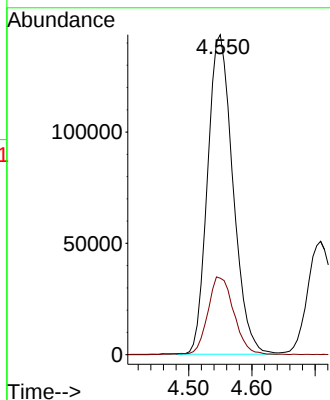
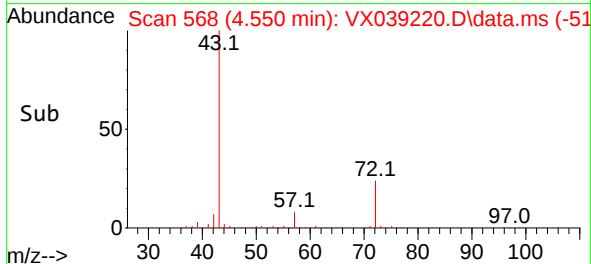
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 39958
Ion Ratio Lower Upper
43 100
72 23.8 19.4 29.2

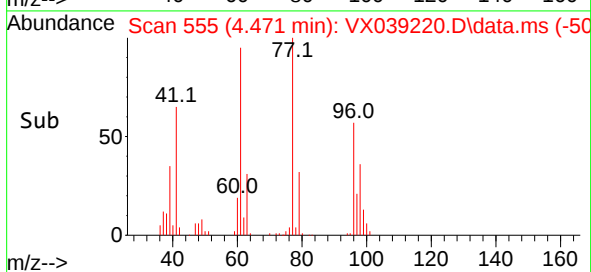
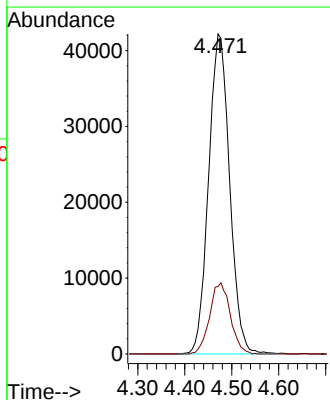
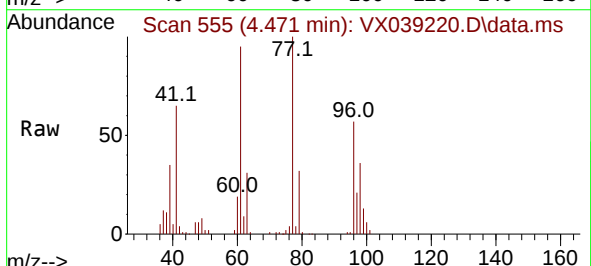
Manual Integrations
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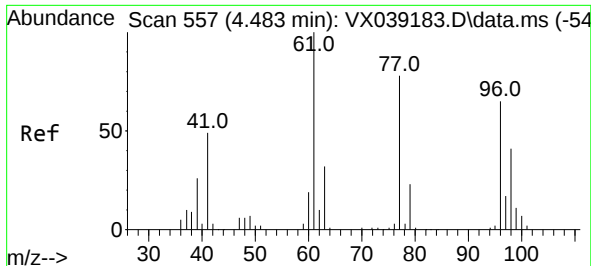
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#26
2,2-Dichloropropane
Concen: 47.132 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX039220.D
Acq: 14 Dec 2023 19:45

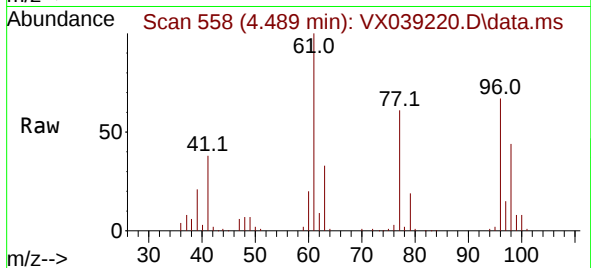
Tgt Ion: 77 Resp: 131068
Ion Ratio Lower Upper
77 100
97 21.8 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 51.594 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VX039220.D
 Acq: 14 Dec 2023 19:45

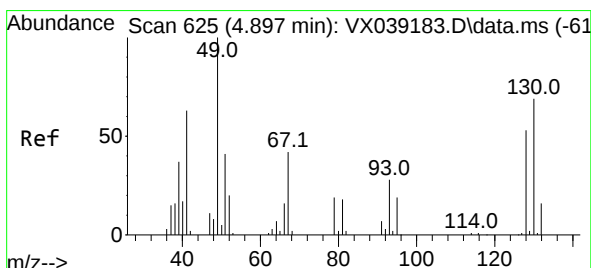
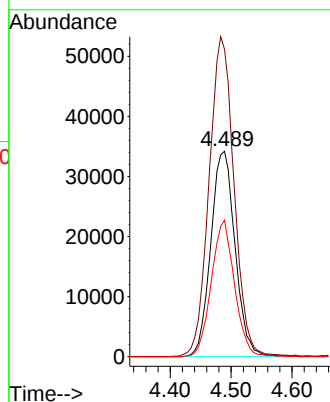
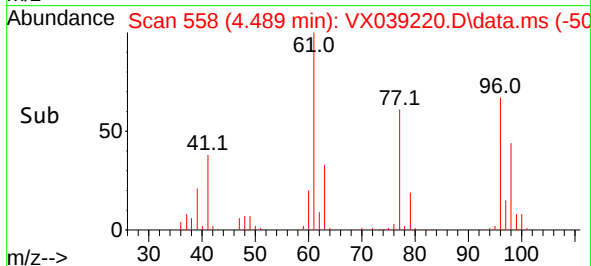
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 94690
 Ion Ratio Lower Upper
 96 100
 61 160.3 0.0 312.2
 98 63.6 0.0 129.0

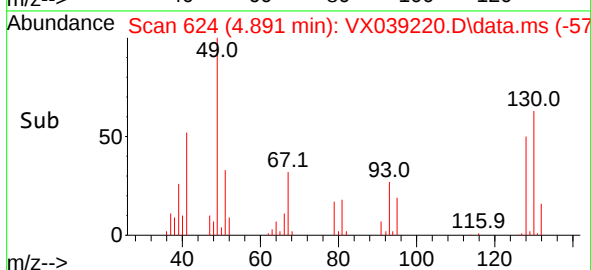
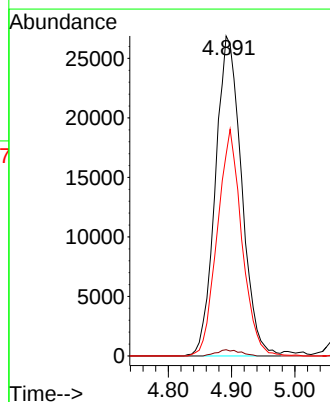
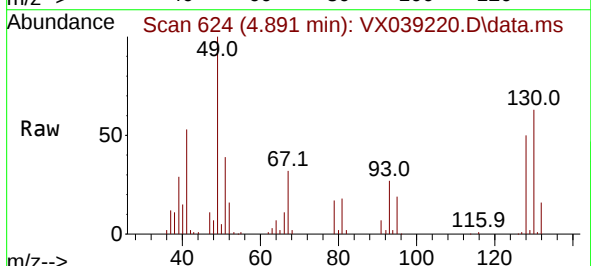
Manual Integrations
 APPROVED

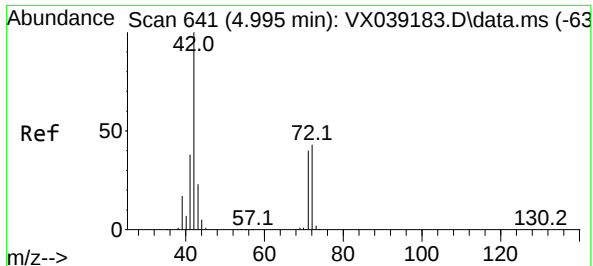
Reviewed By :John Carlone 12/15/2023
 Supervised By :Mahesh Dadoda 12/15/2023



#28
 Bromochloromethane
 Concen: 49.670 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX039220.D
 Acq: 14 Dec 2023 19:45

Tgt Ion: 49 Resp: 77197
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.8
 130 66.6 57.5 86.3





#29

Tetrahydrofuran

Concen: 257.595 ug/l

RT: 4.995 min Scan# 641

Delta R.T. 0.000 min

Lab File: VX039220.D

Acq: 14 Dec 2023 19:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 26722

Ion Ratio Lower Upper

42 100

72 42.1 34.2 51.4

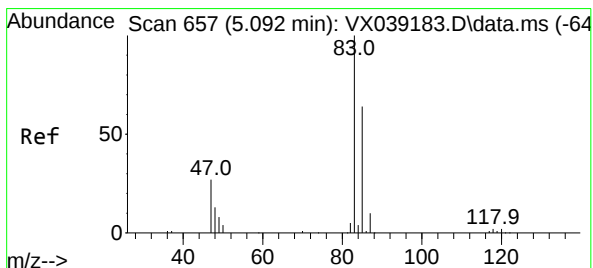
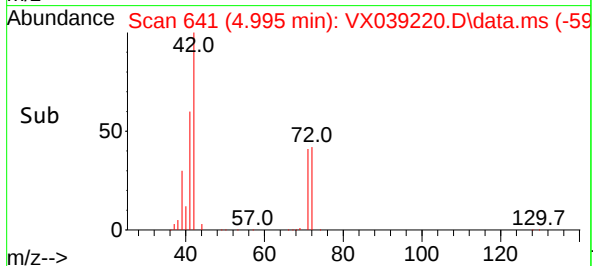
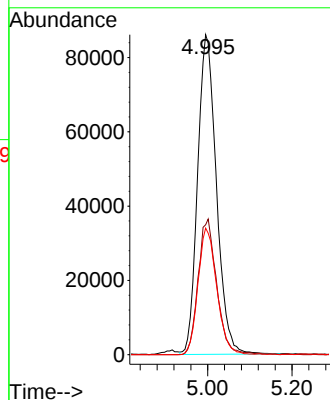
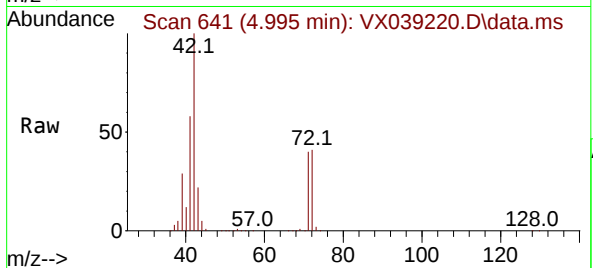
71 39.5 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#30

Chloroform

Concen: 50.278 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX039220.D

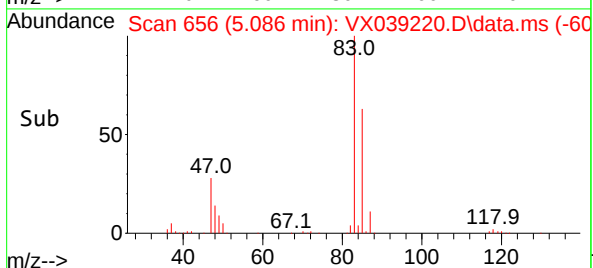
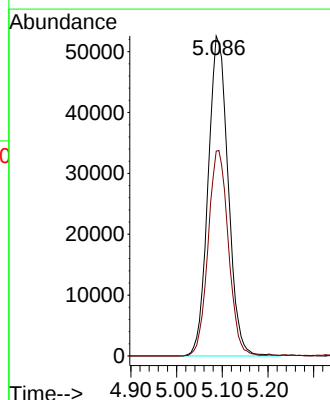
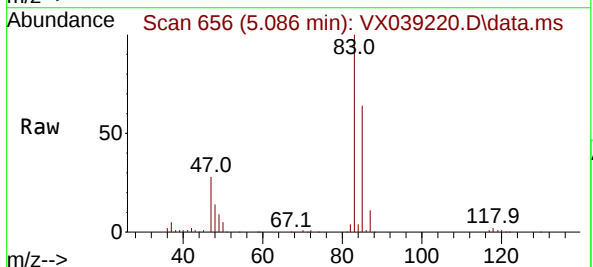
Acq: 14 Dec 2023 19:45

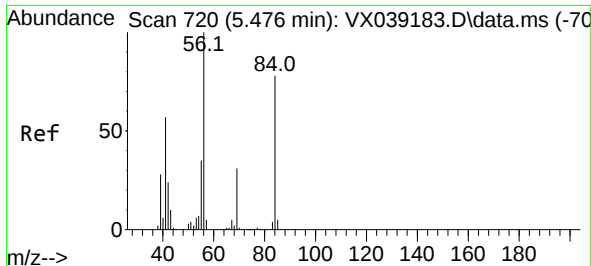
Tgt Ion: 83 Resp: 160041

Ion Ratio Lower Upper

83 100

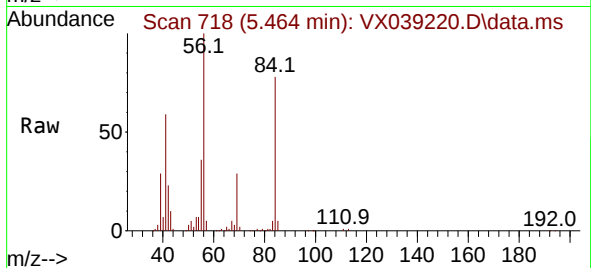
85 64.0 50.3 75.5





#31
Cyclohexane
Concen: 50.719 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.012 min
Lab File: VX039220.D
Acq: 14 Dec 2023 19:45

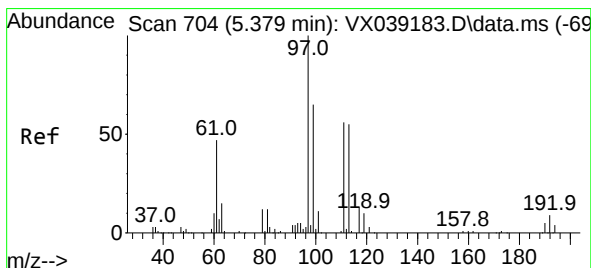
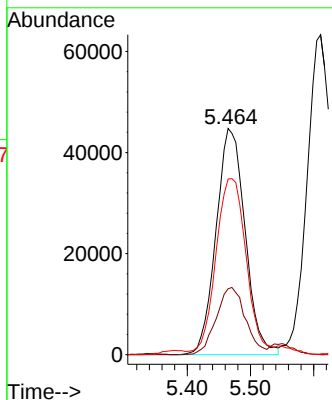
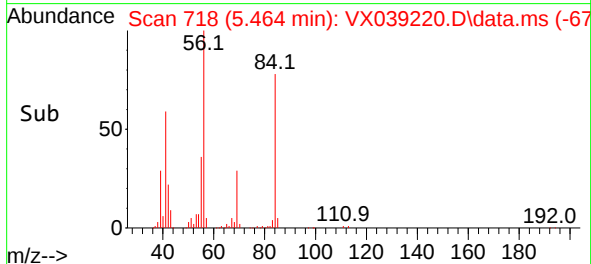
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 142602
Ion Ratio Lower Upper
56 100
69 29.2 23.4 35.2
84 75.9 65.9 98.9

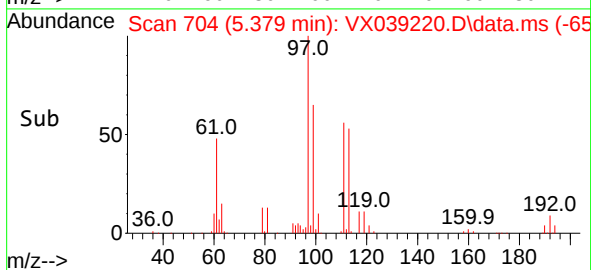
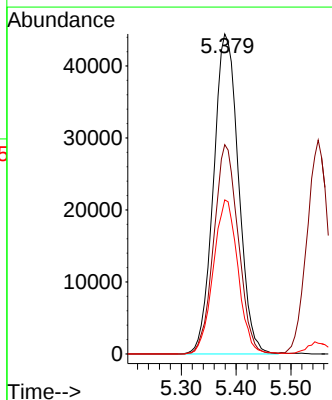
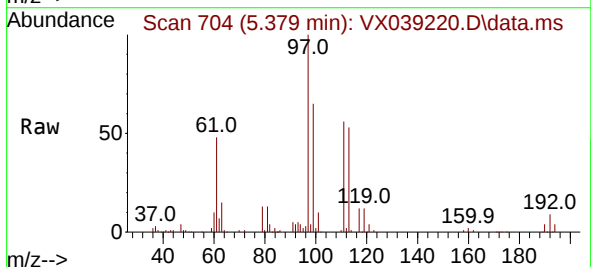
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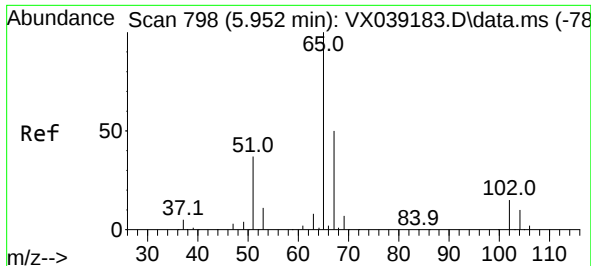
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#32
1,1,1-Trichloroethane
Concen: 50.964 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX039220.D
Acq: 14 Dec 2023 19:45

Tgt Ion: 97 Resp: 140830
Ion Ratio Lower Upper
97 100
99 64.0 51.1 76.7
61 47.7 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 47.029 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039220.D

Acq: 14 Dec 2023 19:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 102375

Ion Ratio Lower Upper

65 100

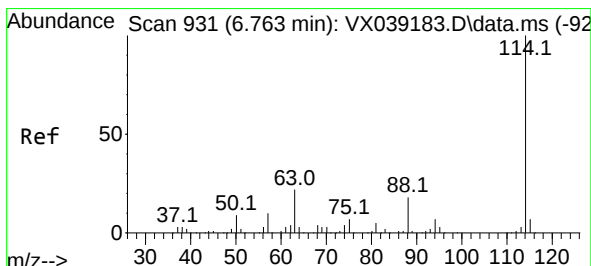
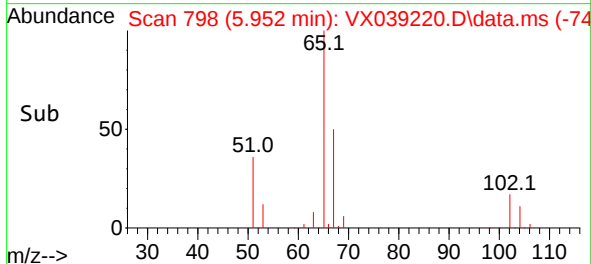
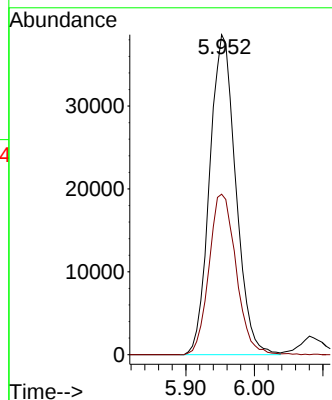
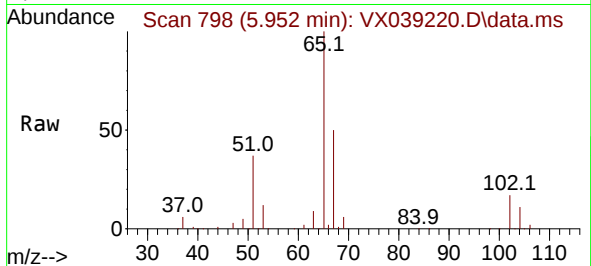
67 51.9 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX039220.D

Acq: 14 Dec 2023 19:45

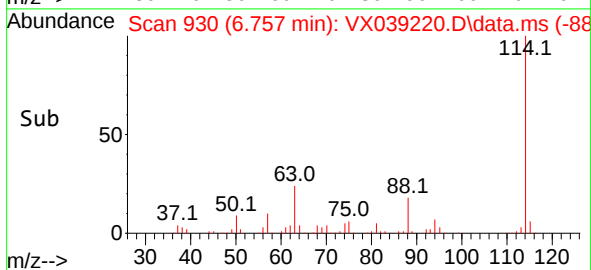
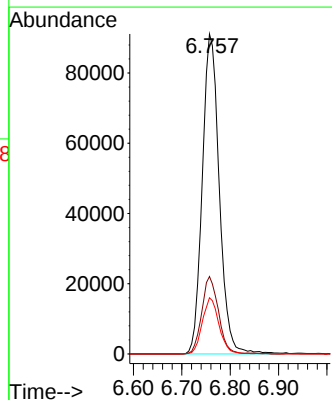
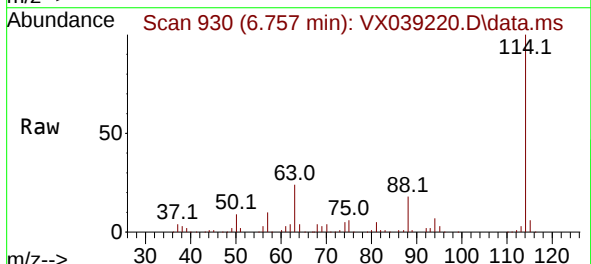
Tgt Ion:114 Resp: 222393

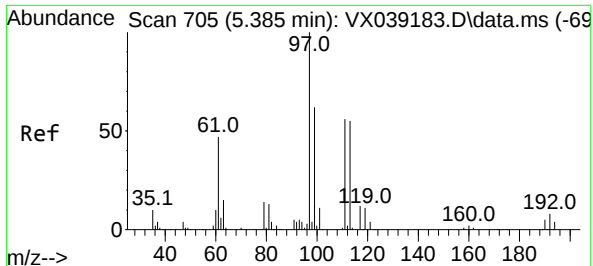
Ion Ratio Lower Upper

114 100

63 24.2 0.0 45.0

88 17.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.957 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX039220.D

Acq: 14 Dec 2023 19:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

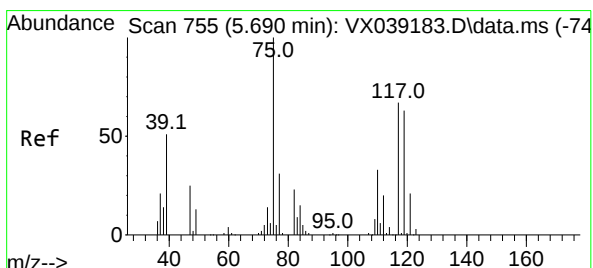
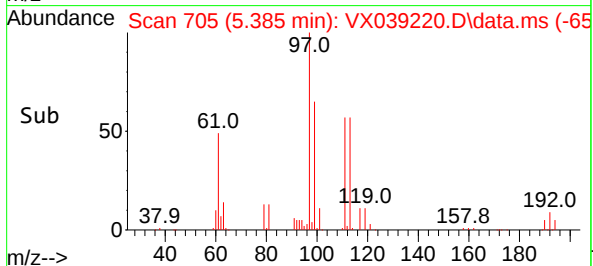
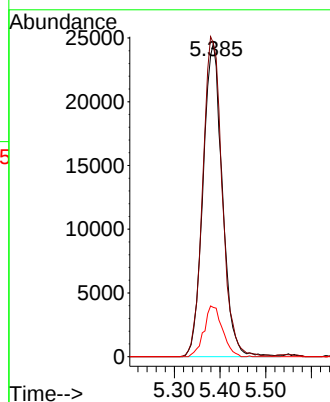
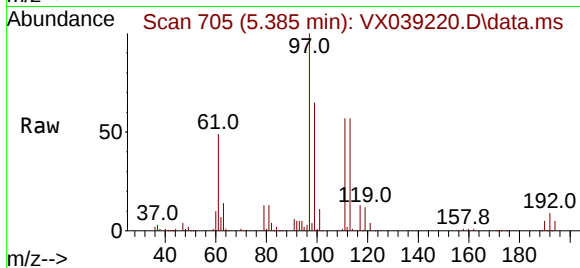
Tgt Ion:	113	Resp:	72144
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.9	124.3
192	15.5	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#36

1,1-Dichloropropene

Concen: 49.690 ug/l

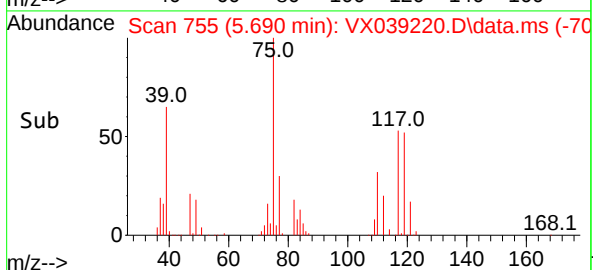
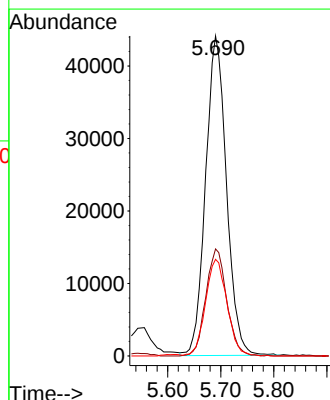
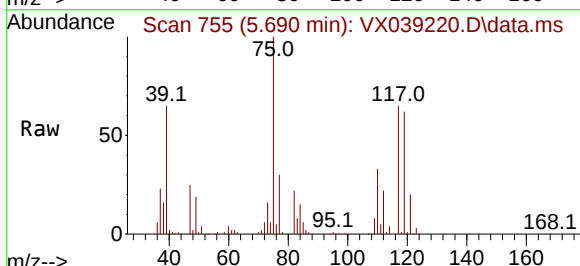
RT: 5.690 min Scan# 755

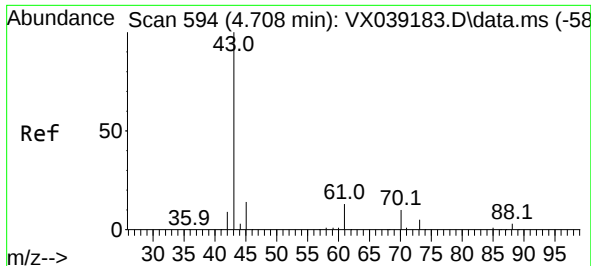
Delta R.T. 0.000 min

Lab File: VX039220.D

Acq: 14 Dec 2023 19:45

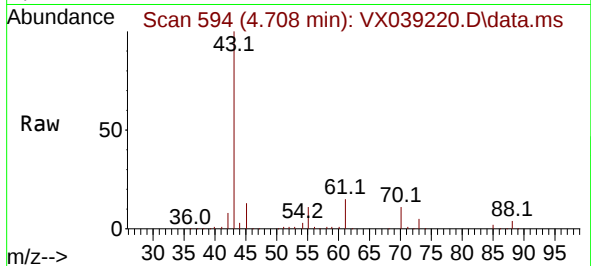
Tgt Ion:	75	Resp:	120472
Ion	Ratio	Lower	Upper
75	100		
110	33.5	17.0	50.9
77	31.1	24.7	37.1





#37
Ethyl Acetate
Concen: 50.096 ug/l
RT: 4.708 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX039220.D
Acq: 14 Dec 2023 19:45

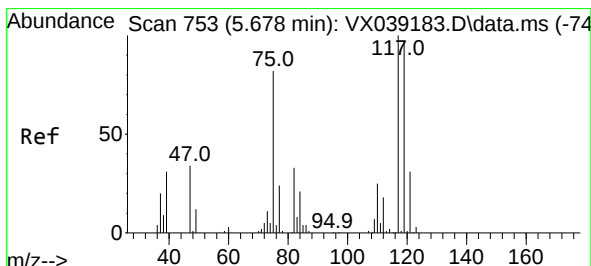
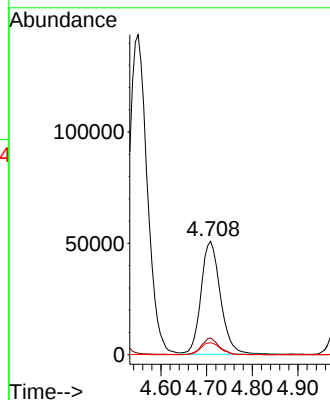
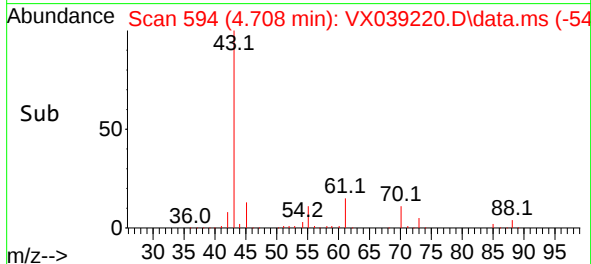
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 15005
Ion Ratio Lower Upper
43 100
61 13.2 10.6 16.0
70 10.7 8.3 12.5

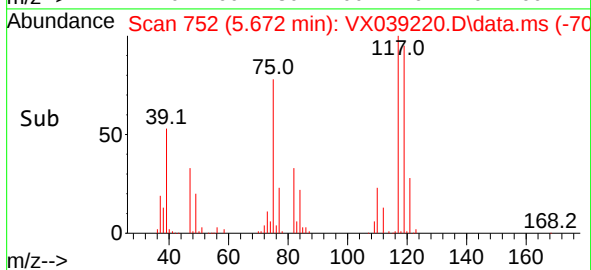
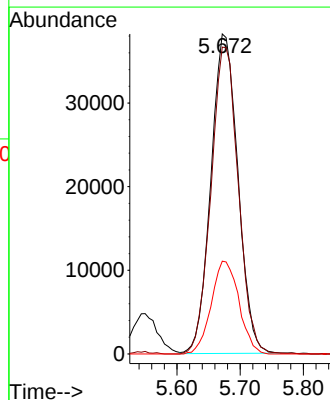
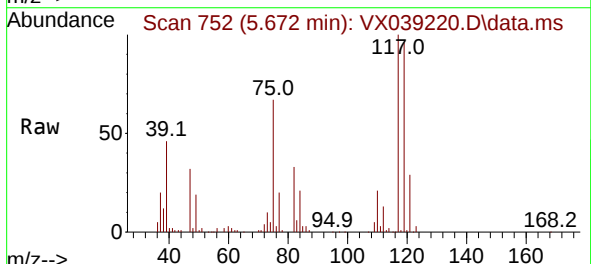
Manual Integrations
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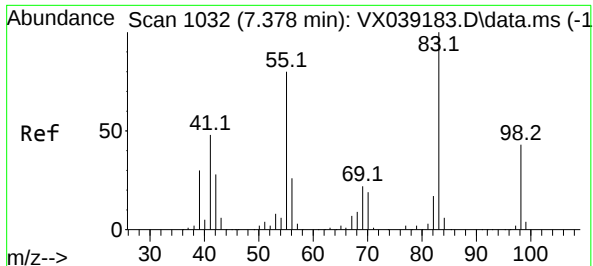
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#38
Carbon Tetrachloride
Concen: 48.928 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX039220.D
Acq: 14 Dec 2023 19:45

Tgt Ion:117 Resp: 113207
Ion Ratio Lower Upper
117 100
119 96.2 78.2 117.2
121 29.1 24.4 36.6





#39

Methylcyclohexane

Concen: 49.871 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX039220.D

Acq: 14 Dec 2023 19:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 14523

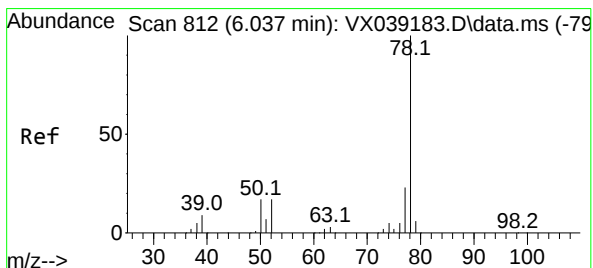
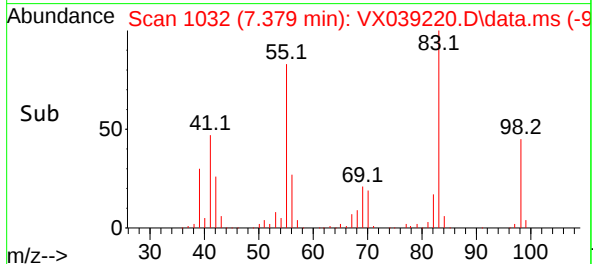
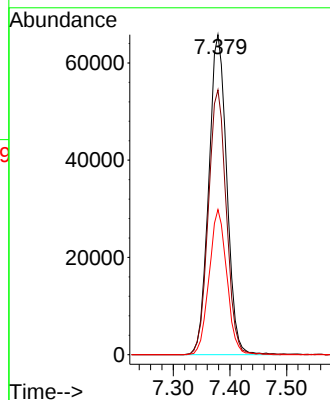
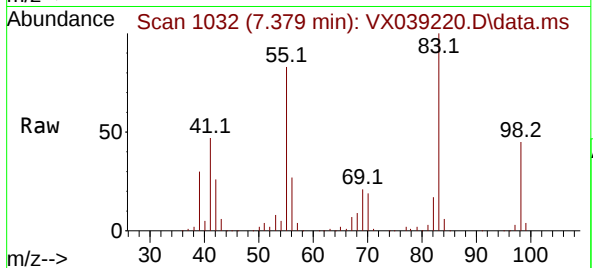
Ion	Ratio	Lower	Upper
83	100		
55	82.7	64.6	97.0
98	45.4	36.7	55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#40

Benzene

Concen: 50.403 ug/l

RT: 6.038 min Scan# 812

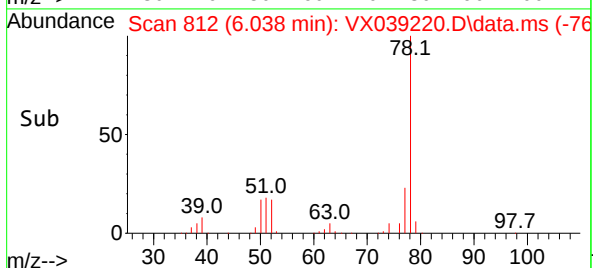
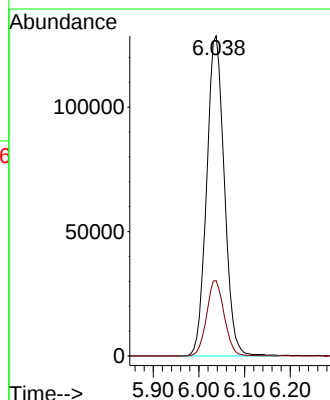
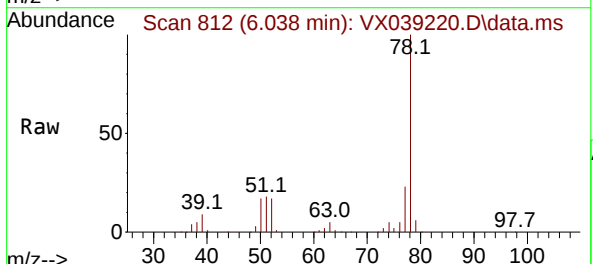
Delta R.T. 0.000 min

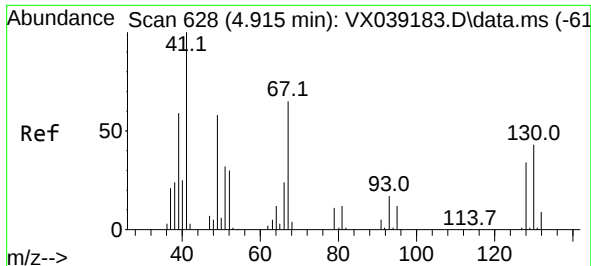
Lab File: VX039220.D

Acq: 14 Dec 2023 19:45

Tgt Ion: 78 Resp: 345676

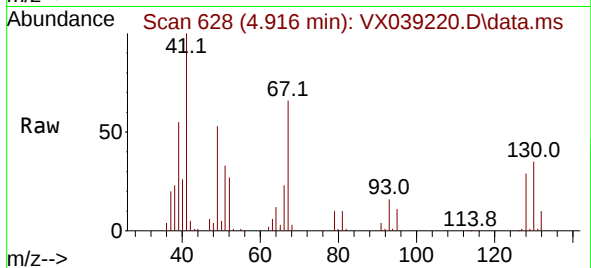
Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.3	28.9





#41
Methacrylonitrile
Concen: 51.102 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX039220.D
Acq: 14 Dec 2023 19:45

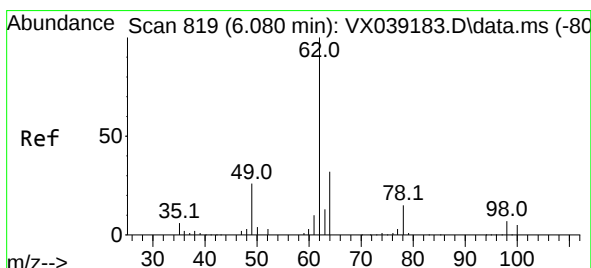
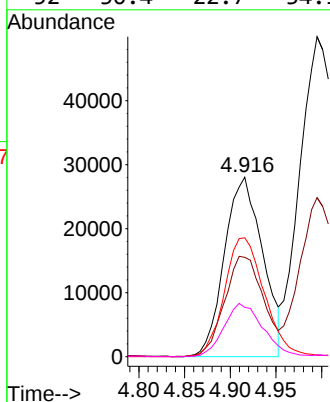
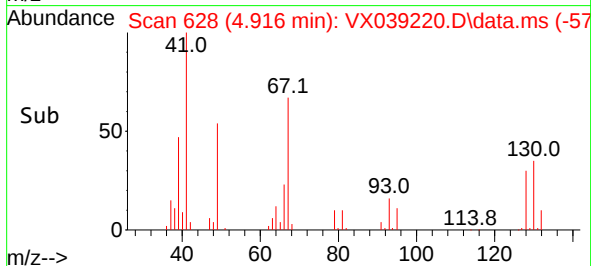
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41	Resp: 81669
Ion Ratio	Lower Upper
41	100
39	56.9 45.2 67.8
67	69.4 52.6 78.8
52	30.4 22.7 34.1

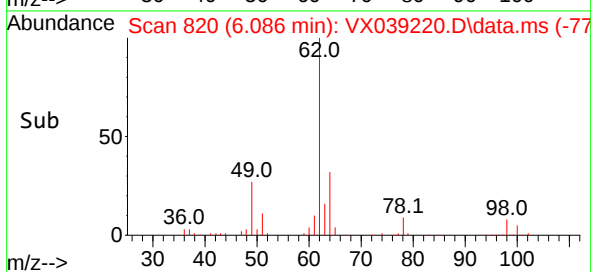
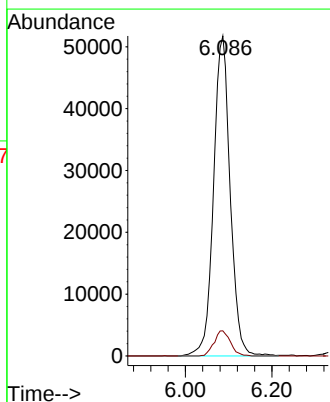
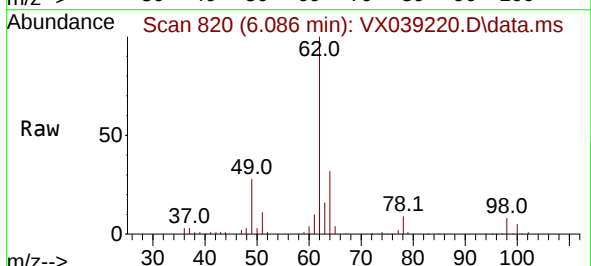
Manual Integrations
APPROVED

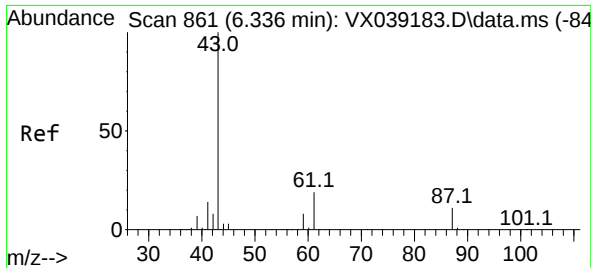
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#42
1,2-Dichloroethane
Concen: 49.728 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039220.D
Acq: 14 Dec 2023 19:45

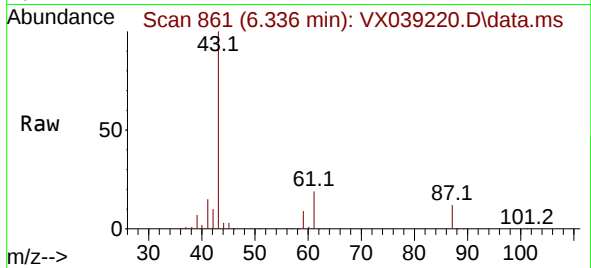
Tgt Ion: 62	Resp: 138053
Ion Ratio	Lower Upper
62	100
98	7.7 0.0 16.0





#43
Isopropyl Acetate
Concen: 50.031 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX039220.D
Acq: 14 Dec 2023 19:45

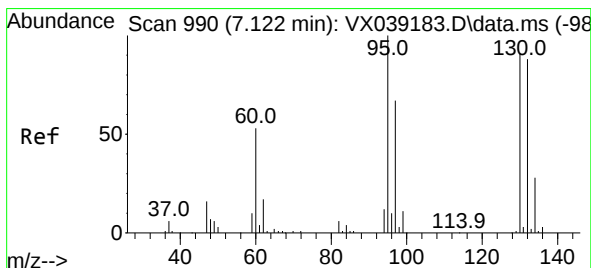
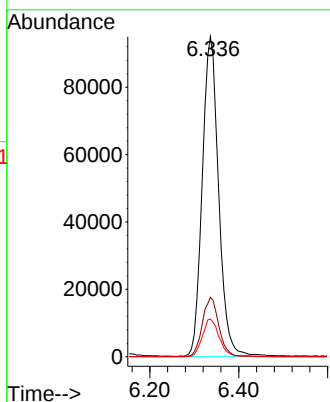
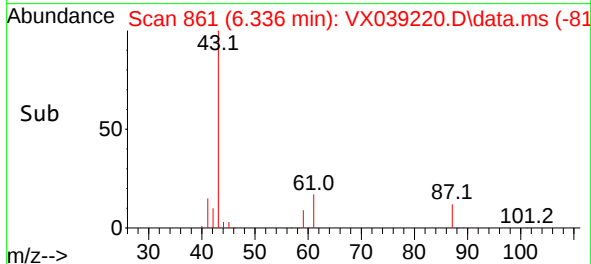
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



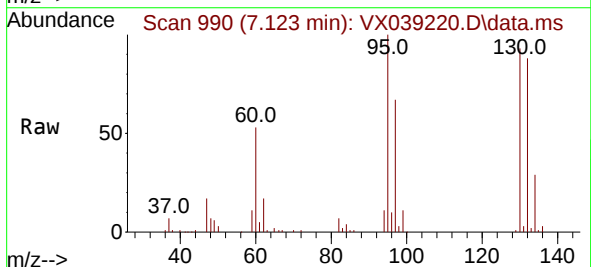
Tgt Ion: 43 Resp: 243692
Ion Ratio Lower Upper
43 100
61 18.8 15.2 22.8
87 12.0 9.8 14.6

Manual Integrations
APPROVED

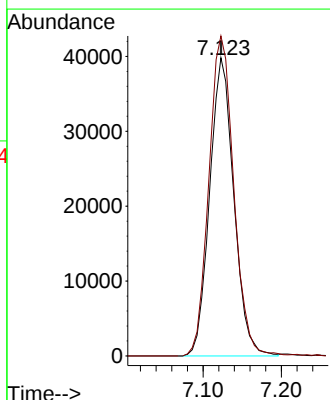
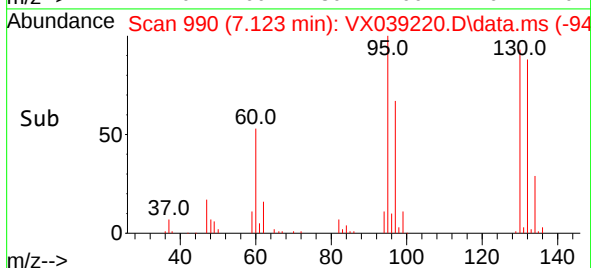
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

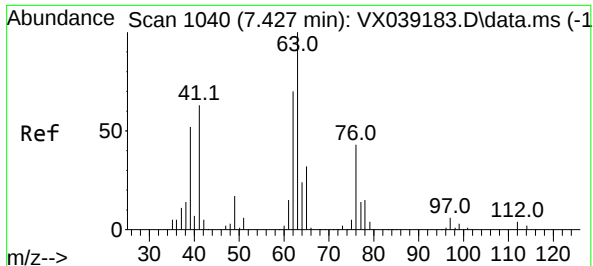


#44
Trichloroethene
Concen: 49.286 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX039220.D
Acq: 14 Dec 2023 19:45



Tgt Ion:130 Resp: 85298
Ion Ratio Lower Upper
130 100
95 107.3 0.0 204.4





#45

1,2-Dichloropropane

Concen: 51.082 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX039220.D

Acq: 14 Dec 2023 19:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 9402

Ion Ratio Lower Upper

63 100

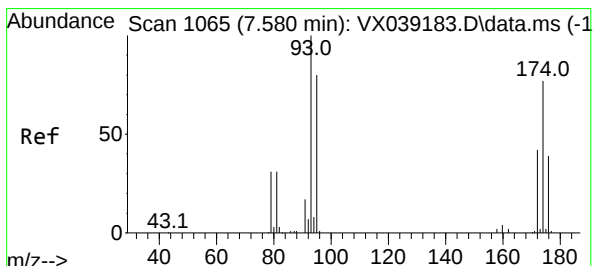
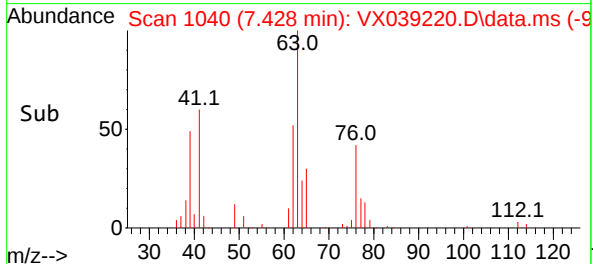
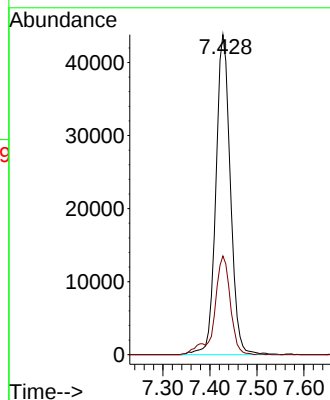
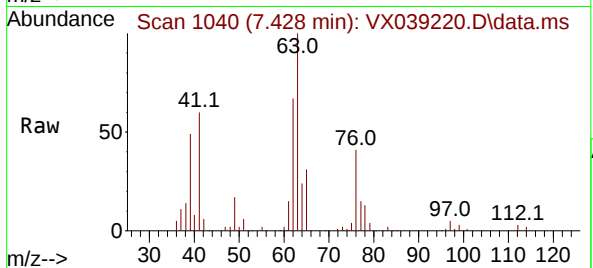
65 30.9 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#46

Dibromomethane

Concen: 50.015 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX039220.D

Acq: 14 Dec 2023 19:45

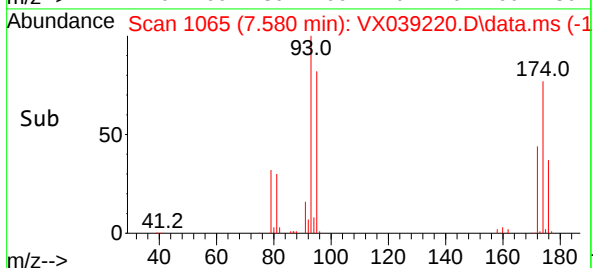
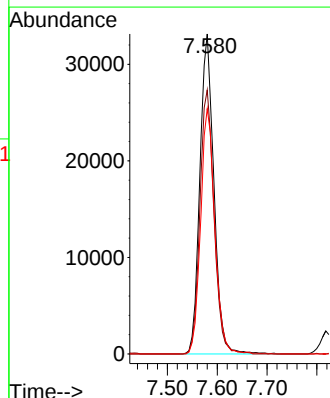
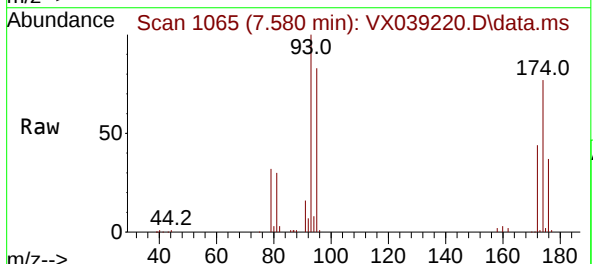
Tgt Ion: 93 Resp: 64713

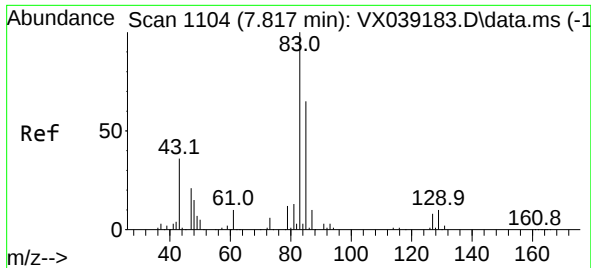
Ion Ratio Lower Upper

93 100

95 83.2 66.6 100.0

174 77.6 69.4 104.0





#47
Bromodichloromethane
Concen: 51.198 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039220.D
Acq: 14 Dec 2023 19:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

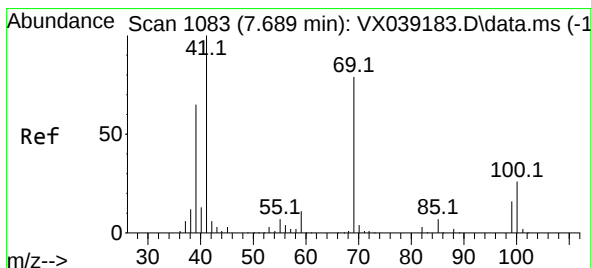
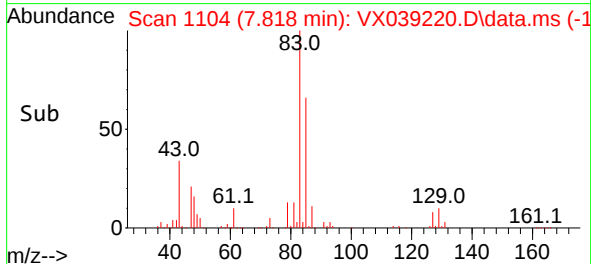
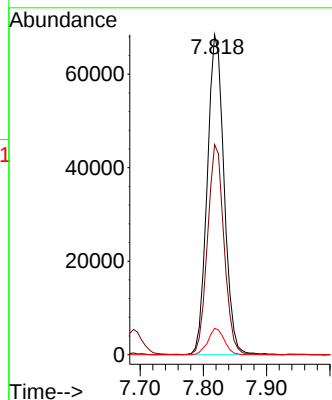
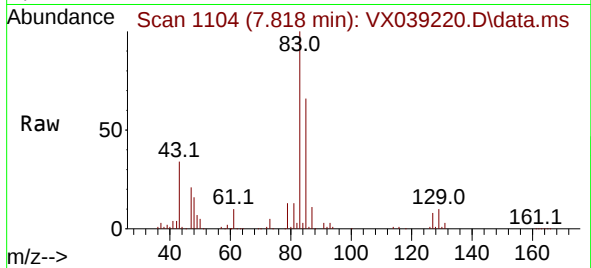
Tgt Ion: 83 Resp: 126659
Ion Ratio Lower Upper
83 100
85 65.7 49.8 74.6
127 8.2 7.1 10.7

Manual Integrations

APPROVED

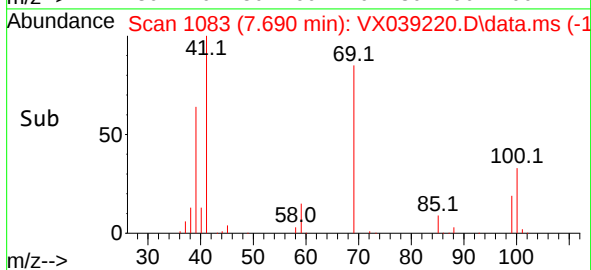
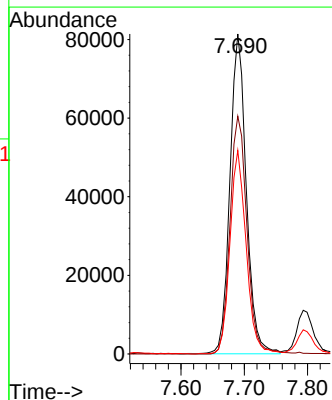
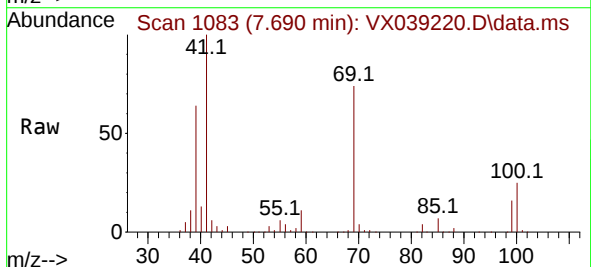
Reviewed By :John Carlone 12/15/2023

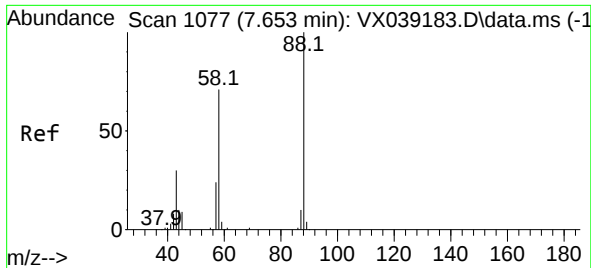
Supervised By :Mahesh Dadoda 12/15/2023



#48
Methyl methacrylate
Concen: 51.296 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX039220.D
Acq: 14 Dec 2023 19:45

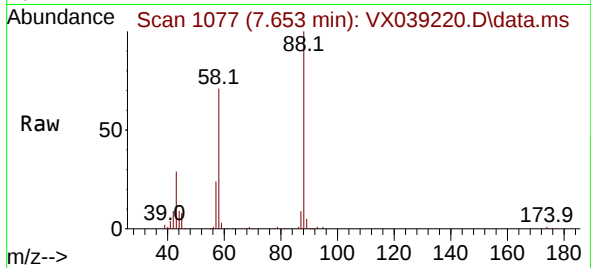
Tgt Ion: 41 Resp: 146068
Ion Ratio Lower Upper
41 100
69 77.6 59.2 88.8
39 63.5 47.7 71.5





#49
1,4-Dioxane
Concen: 1078.365 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VX039220.D
Acq: 14 Dec 2023 19:45

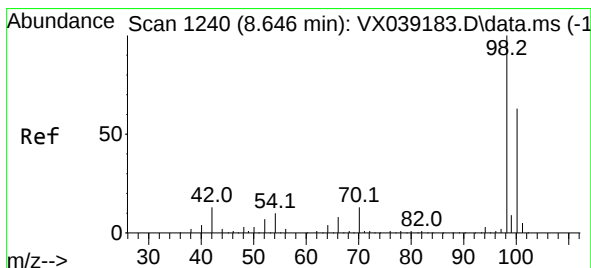
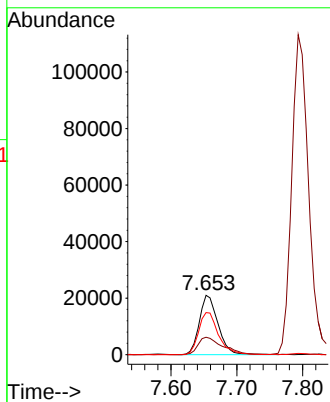
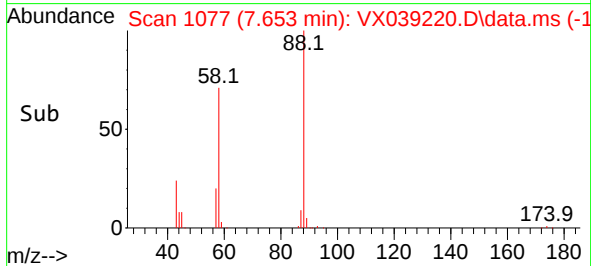
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



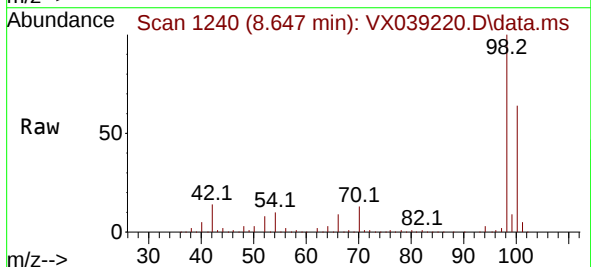
Tgt Ion: 88 Resp: 41392
Ion Ratio Lower Upper
88 100
43 39.5 0.0 0.0
58 75.3 60.1 90.1

Manual Integrations
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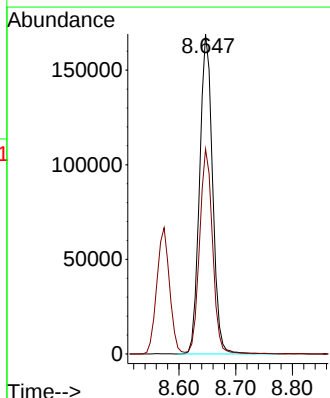
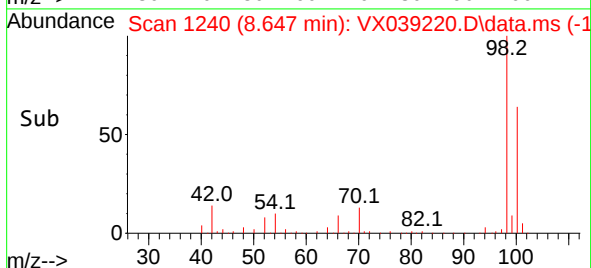
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

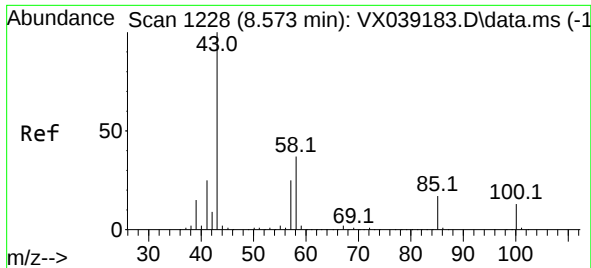


#50
Toluene-d8
Concen: 47.211 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039220.D
Acq: 14 Dec 2023 19:45



Tgt Ion: 98 Resp: 269285
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7





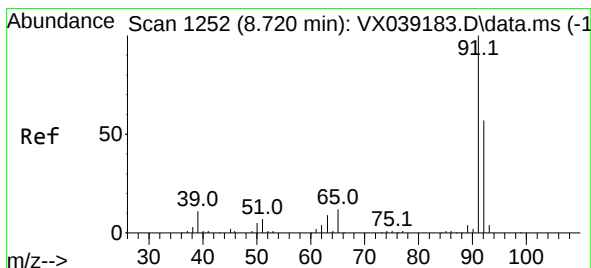
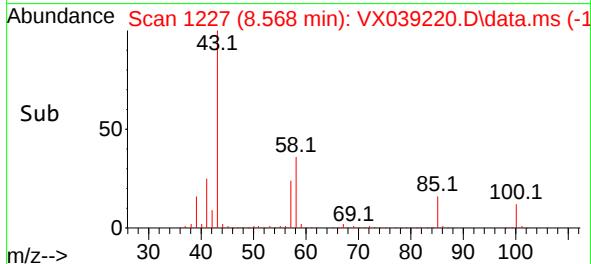
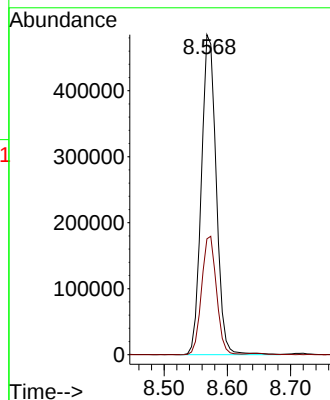
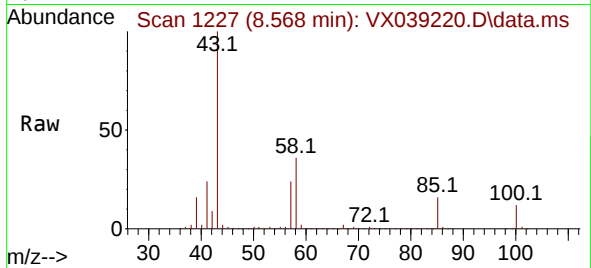
#51
4-Methyl-2-Pentanone
Concen: 255.124 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX039220.D
Acq: 14 Dec 2023 19:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 79176
Ion Ratio Lower Upper
43 100
58 37.1 30.4 45.6

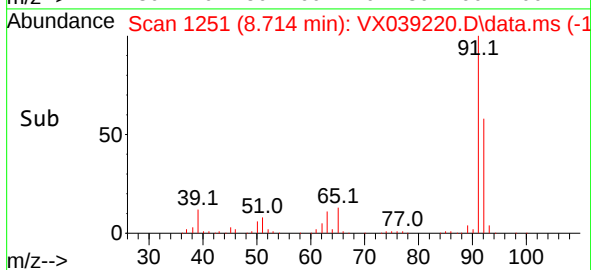
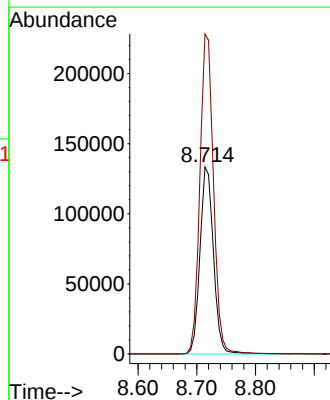
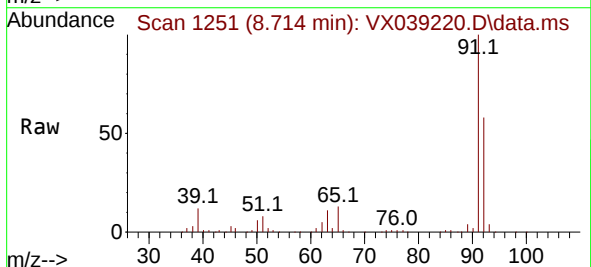
Manual Integrations
APPROVED

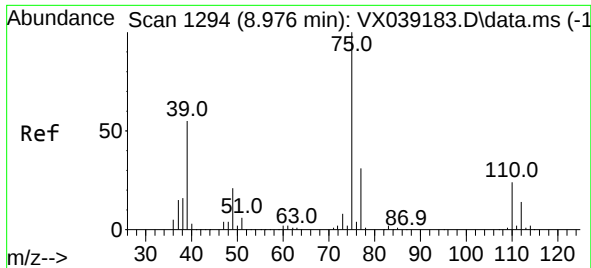
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#52
Toluene
Concen: 51.179 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX039220.D
Acq: 14 Dec 2023 19:45

Tgt Ion: 92 Resp: 211849
Ion Ratio Lower Upper
92 100
91 172.6 134.2 201.2





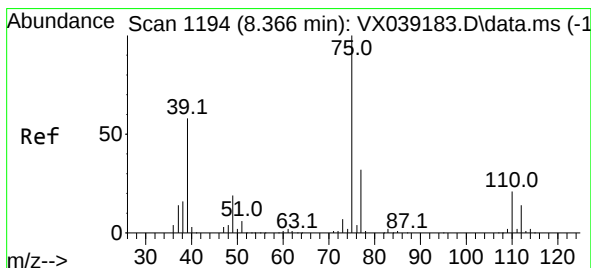
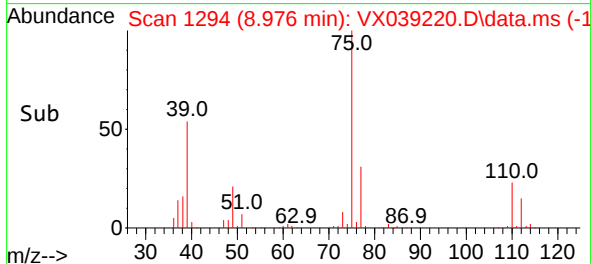
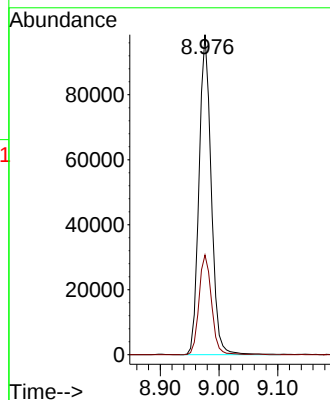
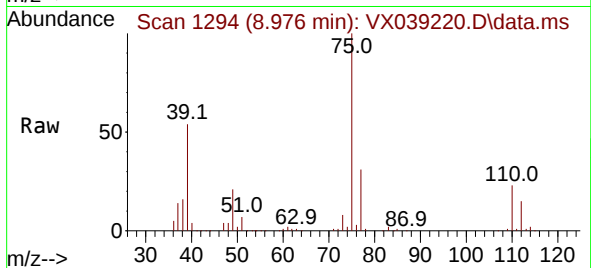
#53
 t-1,3-Dichloropropene
 Concen: 52.182 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. 0.000 min
 Lab File: VX039220.D
 Acq: 14 Dec 2023 19:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 75 Resp: 142125
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.7 38.5

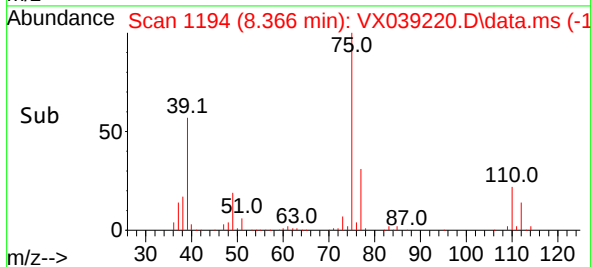
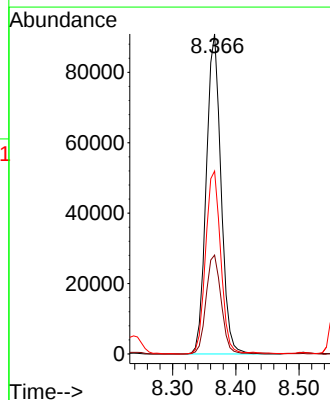
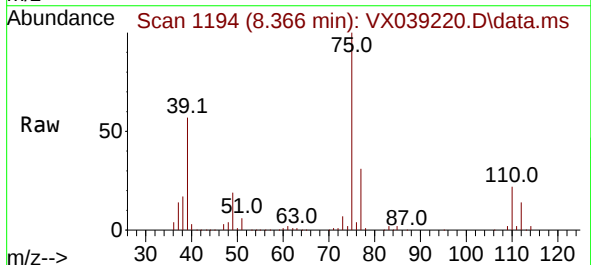
Manual Integrations
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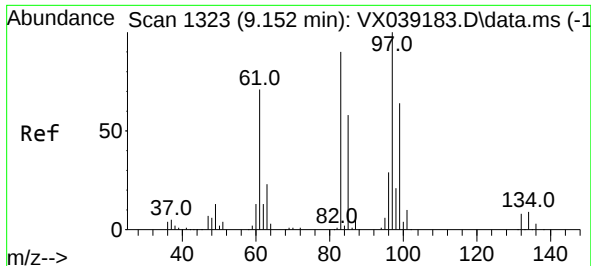
Reviewed By :John Carlone 12/15/2023
 Supervised By :Mahesh Dadoda 12/15/2023



#54
 cis-1,3-Dichloropropene
 Concen: 50.350 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX039220.D
 Acq: 14 Dec 2023 19:45

Tgt Ion: 75 Resp: 147555
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.3 37.9
 39 57.2 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 50.339 ug/l

RT: 9.147 min Scan# 1323

Delta R.T. -0.006 min

Lab File: VX039220.D

Acq: 14 Dec 2023 19:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

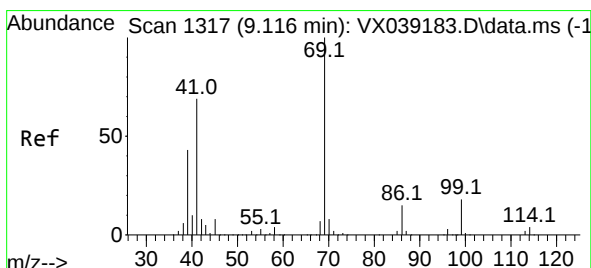
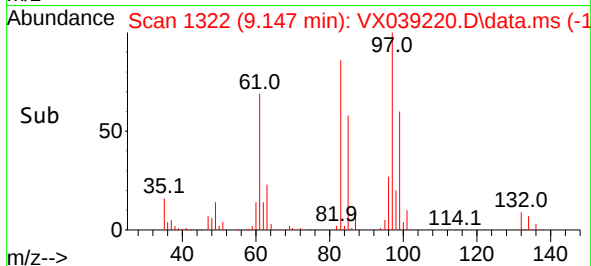
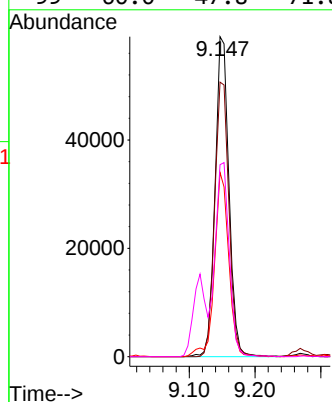
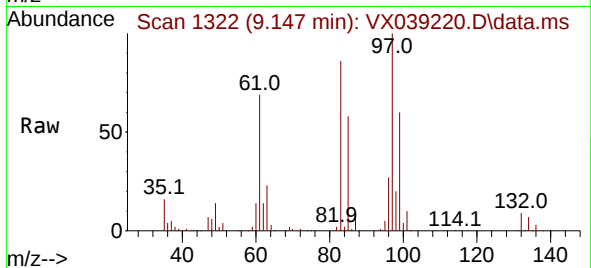
Tgt Ion: 97	Resp: 8699
Ion Ratio	Lower Upper
97 100	
83 85.8	65.8 98.8
85 57.5	41.6 62.4
99 60.0	47.8 71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#56

Ethyl methacrylate

Concen: 52.849 ug/l

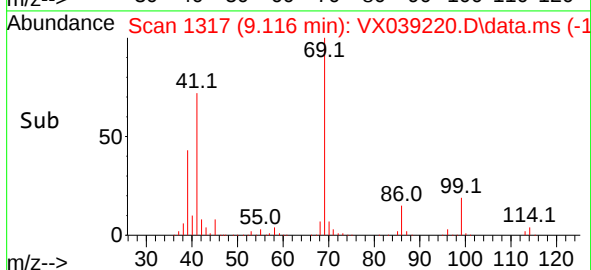
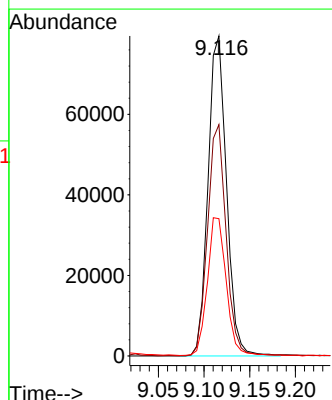
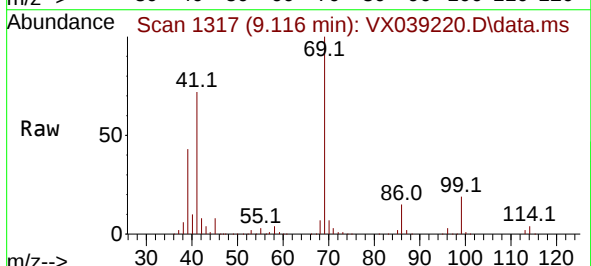
RT: 9.116 min Scan# 1317

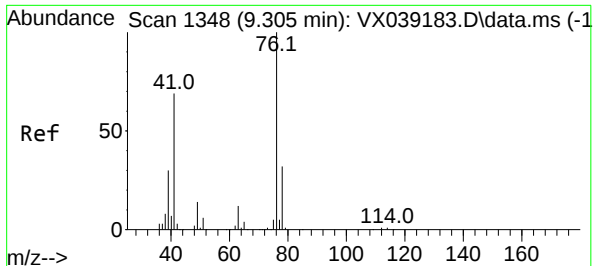
Delta R.T. 0.000 min

Lab File: VX039220.D

Acq: 14 Dec 2023 19:45

Tgt Ion: 69	Resp: 111491
Ion Ratio	Lower Upper
69 100	
41 72.6	56.8 85.2
39 44.7	32.0 48.0





#57

1,3-Dichloropropane

Concen: 50.271 ug/l

RT: 9.305 min Scan# 1148

Delta R.T. 0.000 min

Lab File: VX039220.D

Acq: 14 Dec 2023 19:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 15018

Ion Ratio Lower Upper

76 100

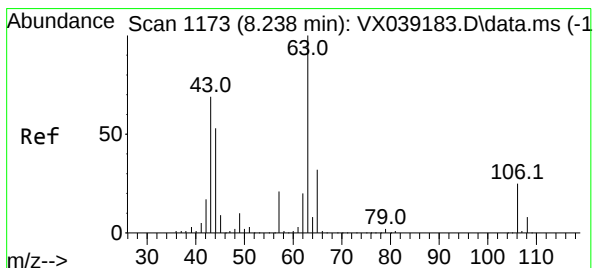
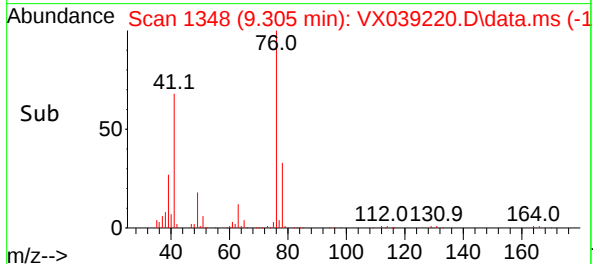
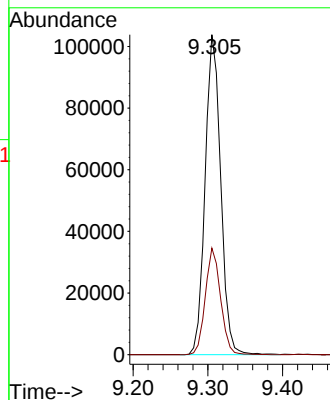
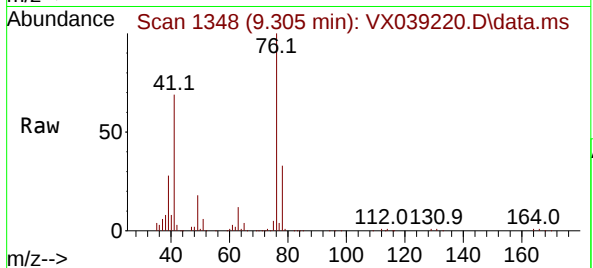
78 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#58

2-Chloroethyl Vinyl ether

Concen: 288.242 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX039220.D

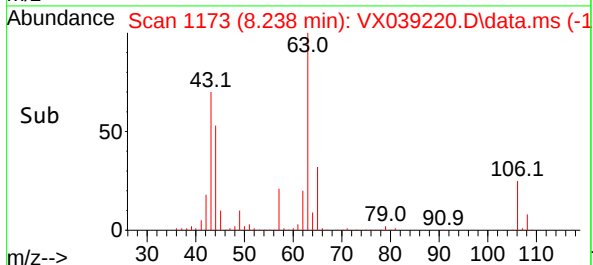
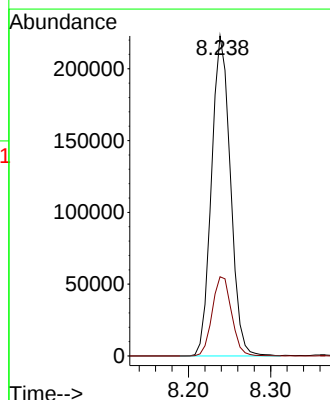
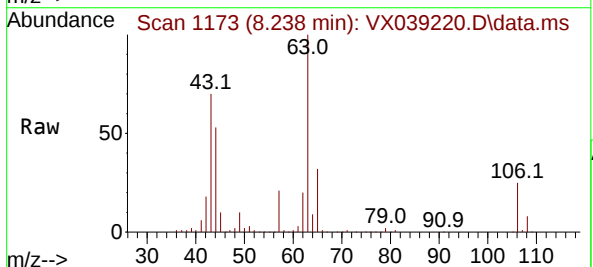
Acq: 14 Dec 2023 19:45

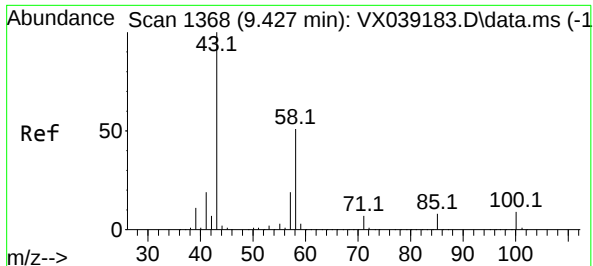
Tgt Ion: 63 Resp: 357060

Ion Ratio Lower Upper

63 100

106 25.3 22.5 33.7





#59

2-Hexanone

Concen: 234.980 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX039220.D

Acq: 14 Dec 2023 19:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 62936

Ion Ratio Lower Upper

43 100

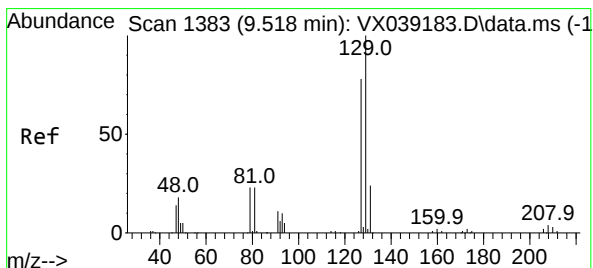
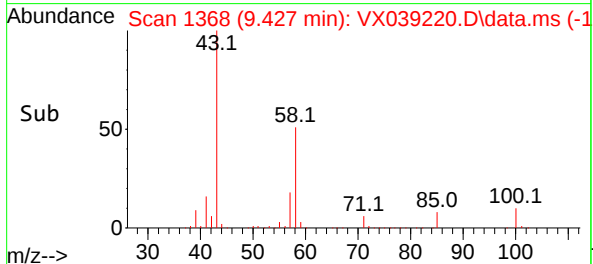
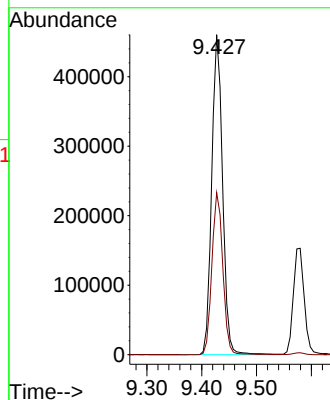
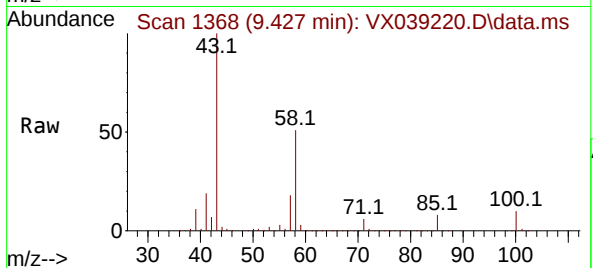
58 51.1 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#60

Dibromochloromethane

Concen: 51.767 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX039220.D

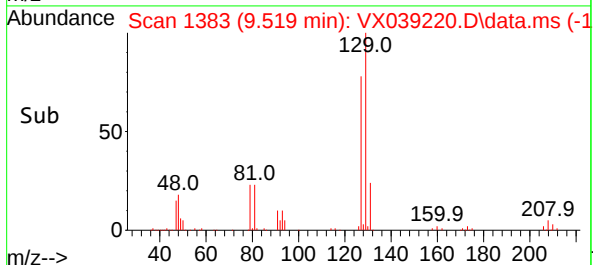
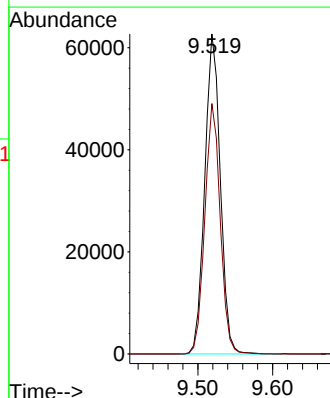
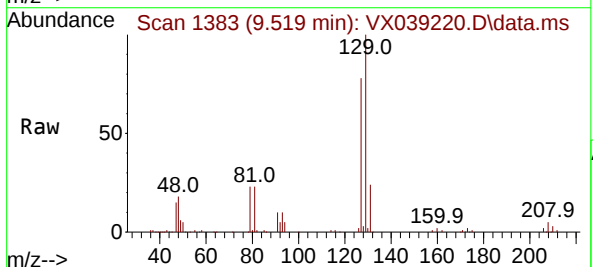
Acq: 14 Dec 2023 19:45

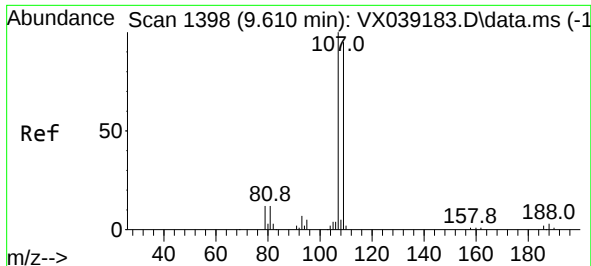
Tgt Ion:129 Resp: 90473

Ion Ratio Lower Upper

129 100

127 77.5 38.8 116.4





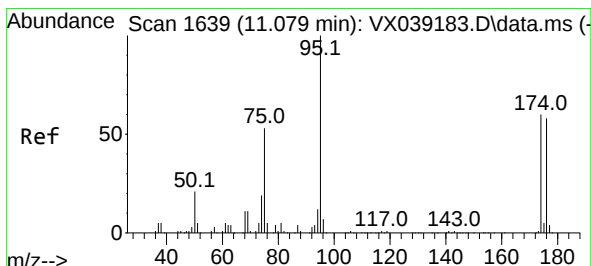
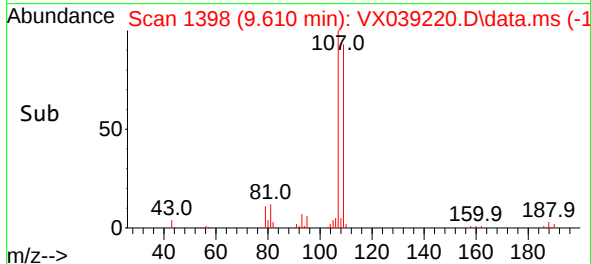
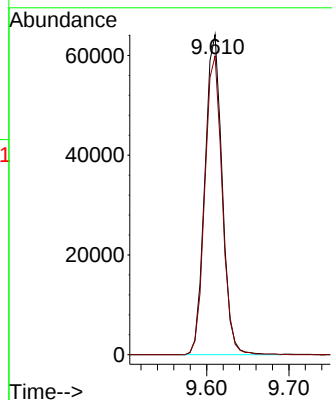
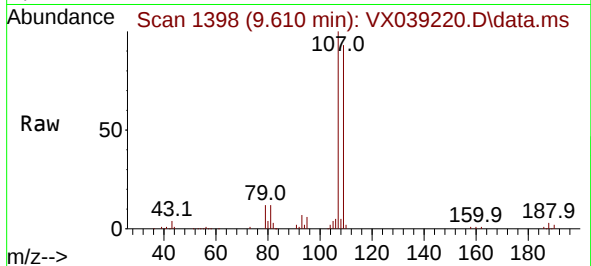
#61
1,2-Dibromoethane
Concen: 50.765 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX039220.D
Acq: 14 Dec 2023 19:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 93652
Ion Ratio Lower Upper
107 100
109 93.9 75.2 112.8

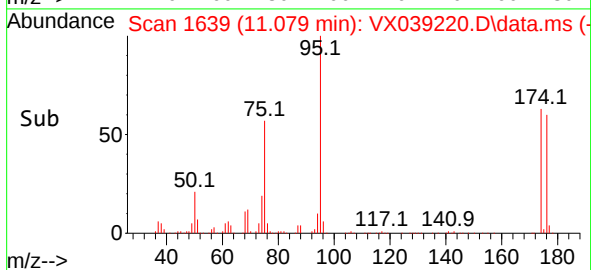
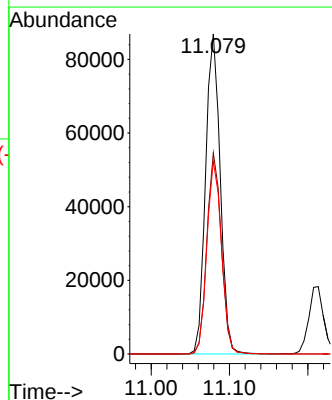
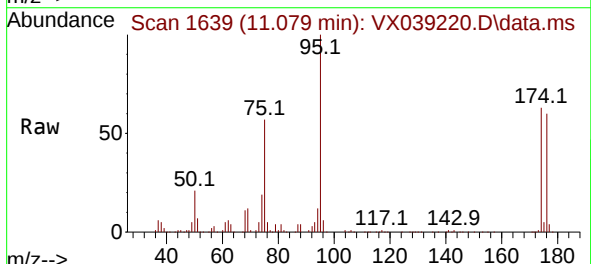
Manual Integrations
APPROVED

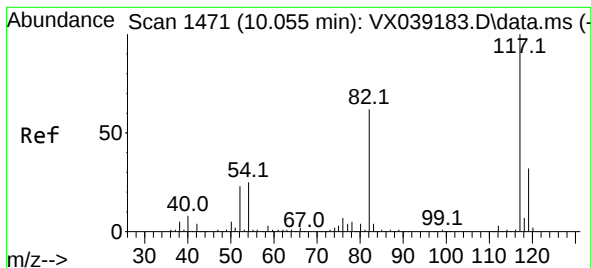
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#62
4-Bromofluorobenzene
Concen: 47.835 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039220.D
Acq: 14 Dec 2023 19:45

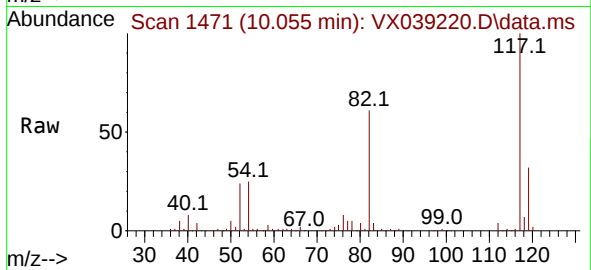
Tgt Ion: 95 Resp: 112575
Ion Ratio Lower Upper
95 100
174 61.7 0.0 135.6
176 60.1 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039220.D
Acq: 14 Dec 2023 19:45

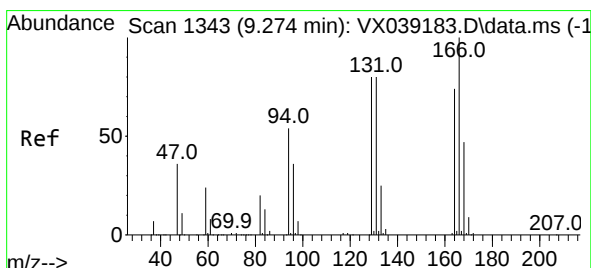
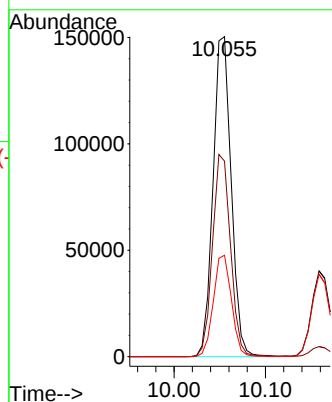
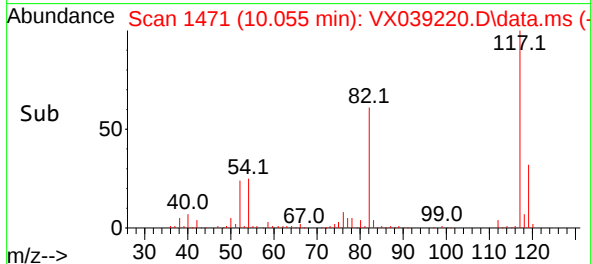
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 207454
Ion Ratio Lower Upper
117 100
82 61.1 46.2 69.4
119 31.7 25.5 38.3

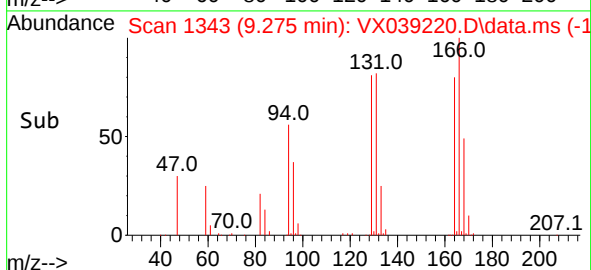
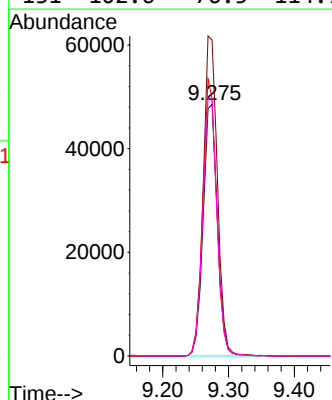
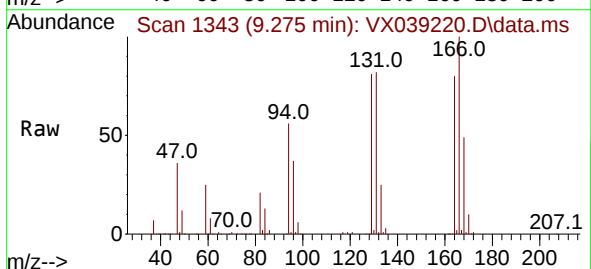
Manual Integrations
APPROVED

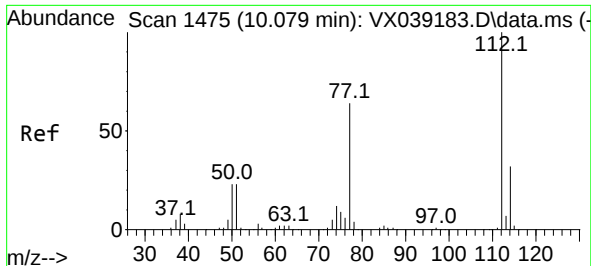
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#64
Tetrachloroethene
Concen: 53.969 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX039220.D
Acq: 14 Dec 2023 19:45

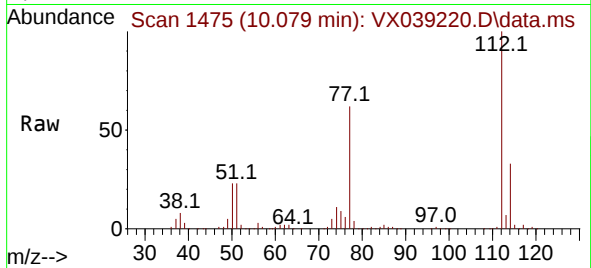
Tgt Ion:164 Resp: 73162
Ion Ratio Lower Upper
164 100
166 125.7 102.7 154.1
129 102.2 80.4 120.6
131 102.6 76.5 114.7





#65
Chlorobenzene
Concen: 48.902 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039220.D
Acq: 14 Dec 2023 19:45

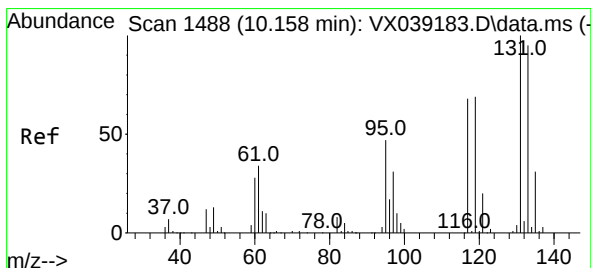
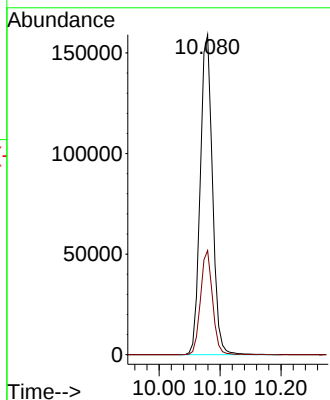
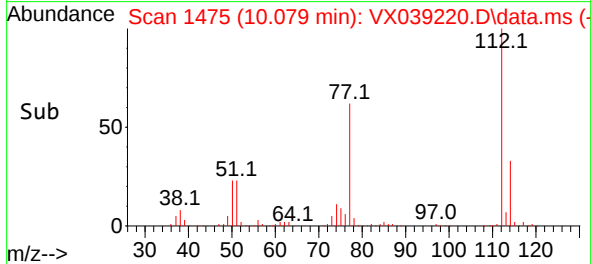
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



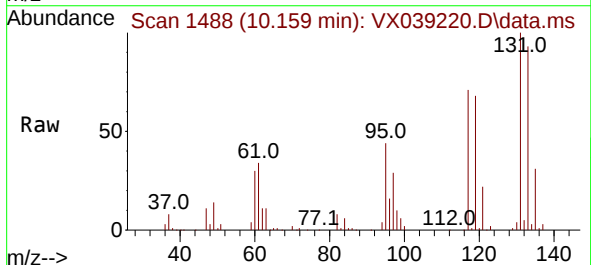
Tgt Ion:112 Resp: 22143
Ion Ratio Lower Upper
112 100
114 32.6 25.7 38.5

Manual Integrations
APPROVED

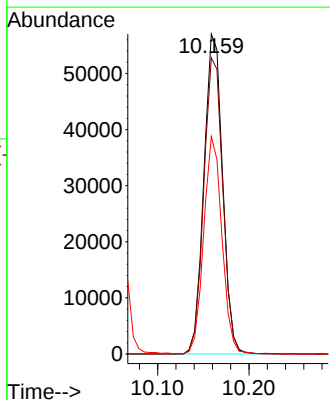
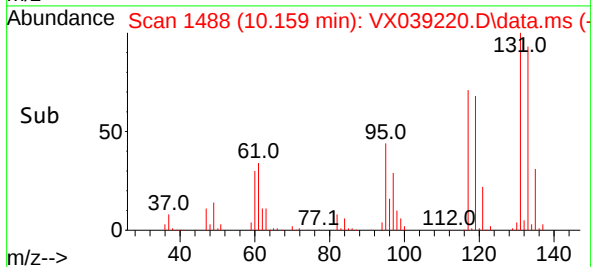
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

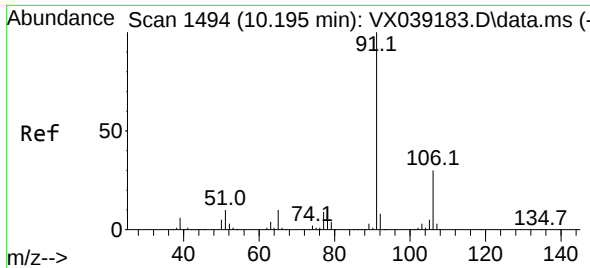


#66
1,1,1,2-Tetrachloroethane
Concen: 50.427 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX039220.D
Acq: 14 Dec 2023 19:45



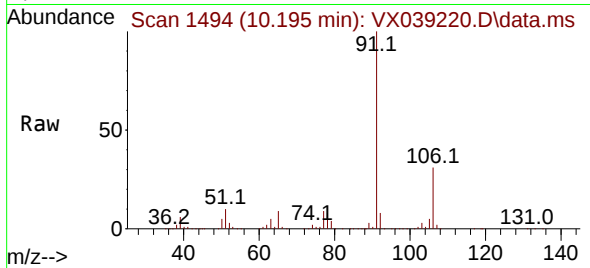
Tgt Ion:131 Resp: 80656
Ion Ratio Lower Upper
131 100
133 94.3 47.1 141.4
119 66.3 32.2 96.6





#67
Ethyl Benzene
Concen: 50.048 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX039220.D
Acq: 14 Dec 2023 19:45

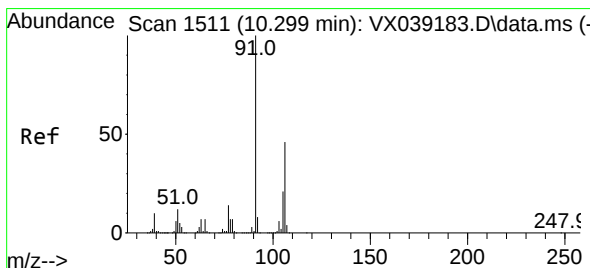
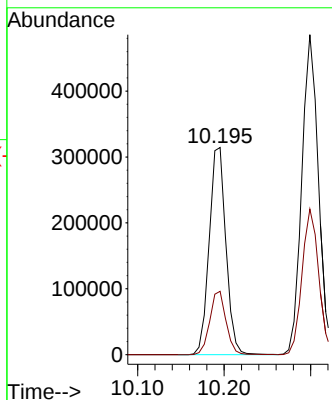
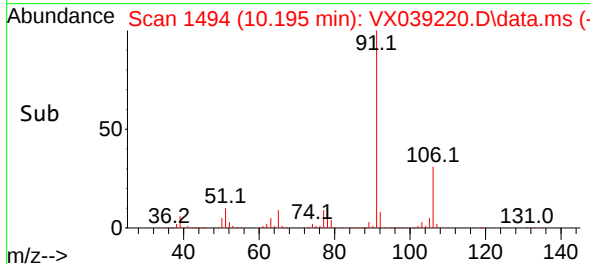
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



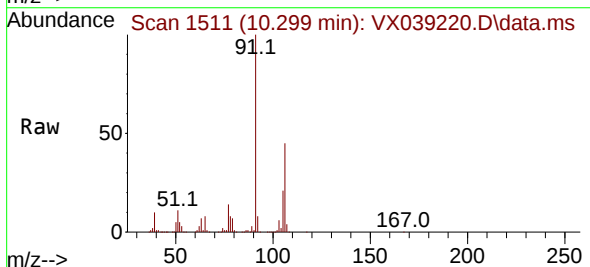
Tgt Ion: 91 Resp: 42184
Ion Ratio Lower Upper
91 100
106 30.6 24.9 37.3

Manual Integrations
APPROVED

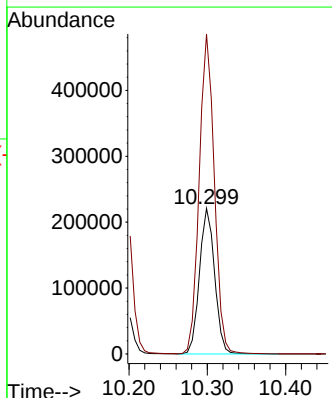
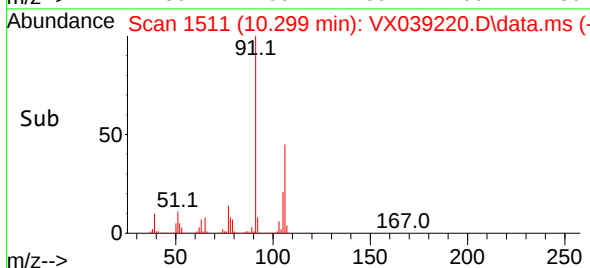
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

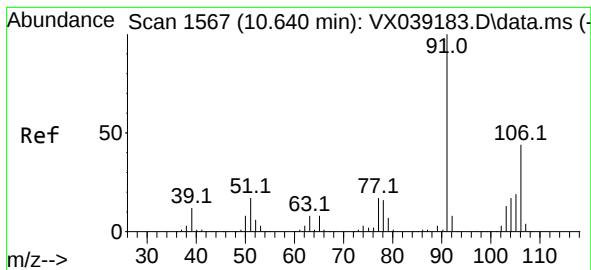


#68
m/p-Xylenes
Concen: 98.197 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039220.D
Acq: 14 Dec 2023 19:45



Tgt Ion:106 Resp: 296762
Ion Ratio Lower Upper
106 100
91 219.2 165.5 248.3





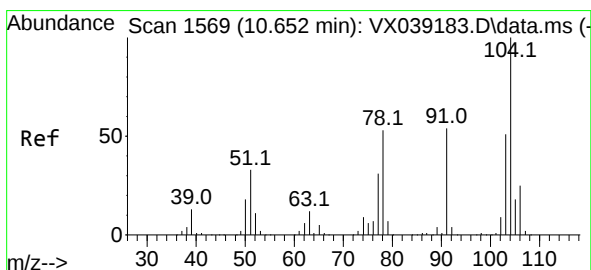
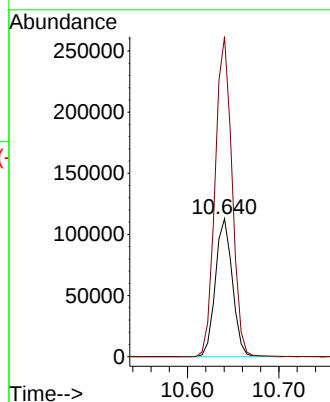
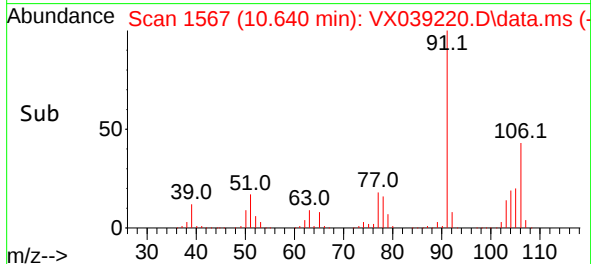
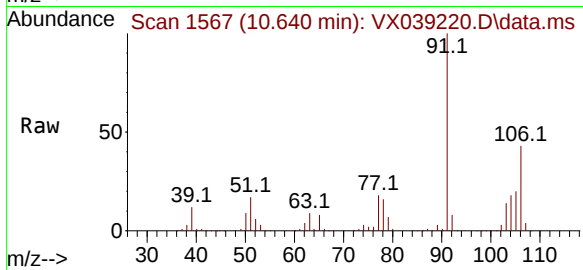
#69
o-Xylene
Concen: 49.813 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039220.D
Acq: 14 Dec 2023 19:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 14555
Ion Ratio Lower Upper
106 100
91 231.5 108.9 326.8

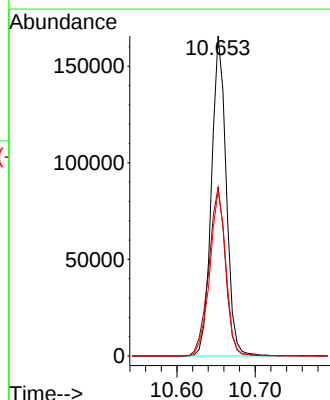
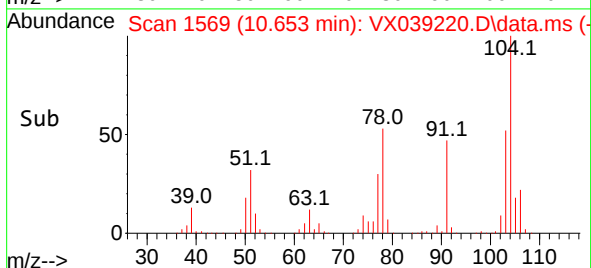
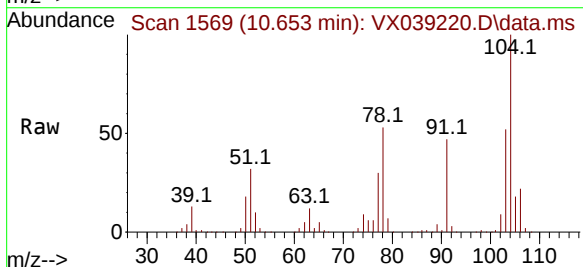
Manual Integrations
APPROVED

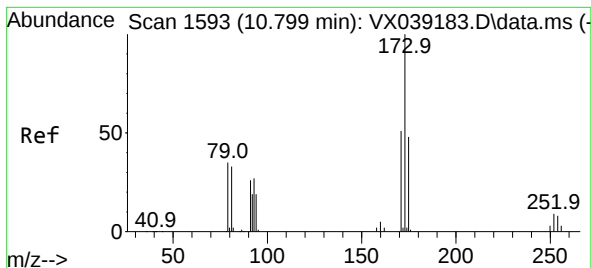
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#70
Styrene
Concen: 50.698 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX039220.D
Acq: 14 Dec 2023 19:45

Tgt Ion:104 Resp: 216567
Ion Ratio Lower Upper
104 100
78 59.4 43.6 65.4
103 56.7 43.6 65.4





#71

Bromoform

Concen: 51.037 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX039220.D

Acq: 14 Dec 2023 19:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

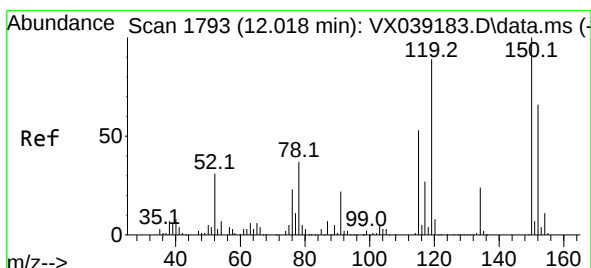
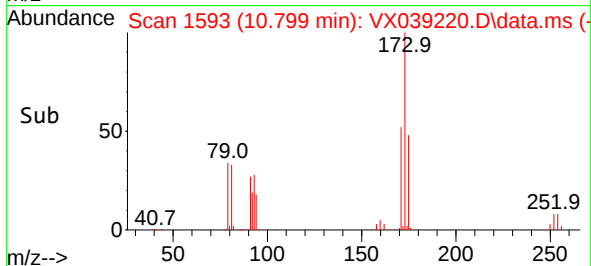
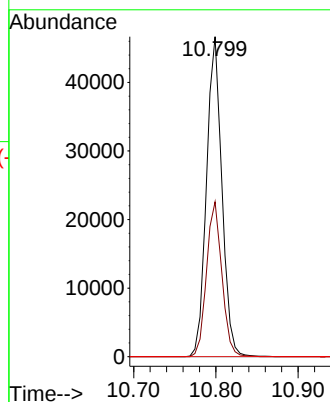
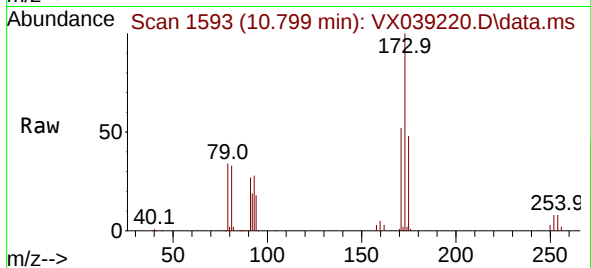
Tgt Ion:173 Resp: 6067
 Ion Ratio Lower Upper
 173 100
 175 48.2 24.1 72.4
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

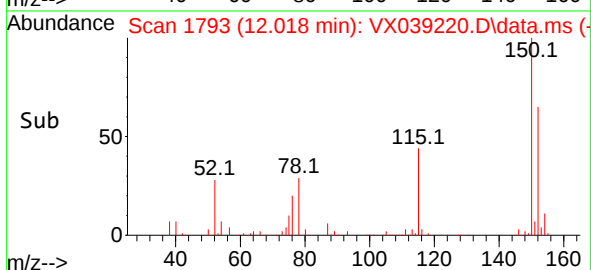
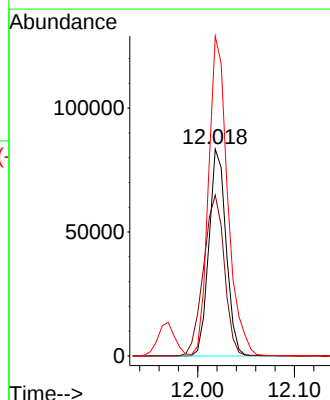
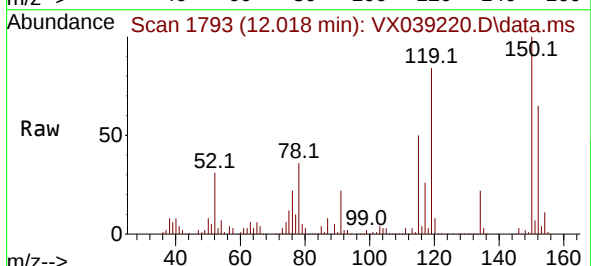
RT: 12.018 min Scan# 1793

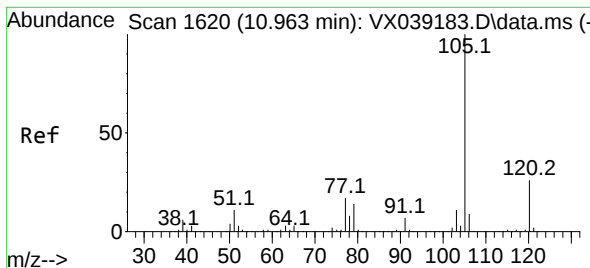
Delta R.T. 0.000 min

Lab File: VX039220.D

Acq: 14 Dec 2023 19:45

Tgt Ion:152 Resp: 103209
 Ion Ratio Lower Upper
 152 100
 115 94.4 43.3 129.9
 150 171.7 0.0 345.0





#73

Isopropylbenzene

Concen: 50.024 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039220.D

Acq: 14 Dec 2023 19:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 39834

Ion Ratio Lower Upper

105 100

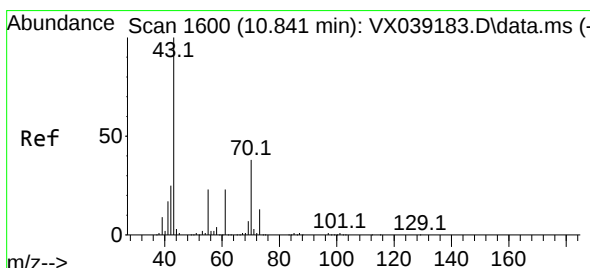
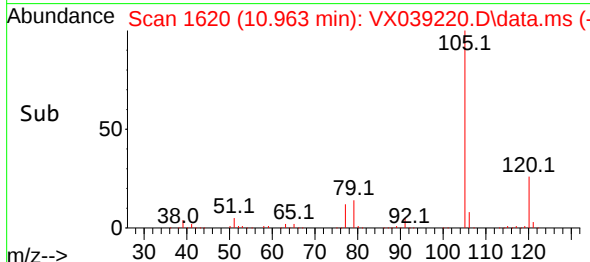
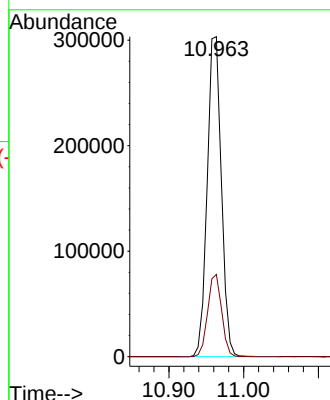
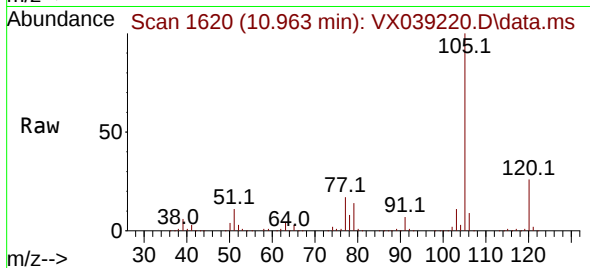
120 25.3 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#74

N-ethyl acetate

Concen: 51.551 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX039220.D

Acq: 14 Dec 2023 19:45

Tgt Ion: 43 Resp: 207693

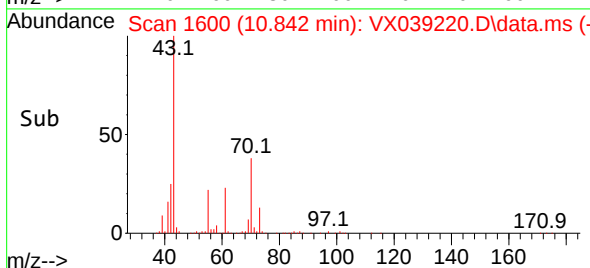
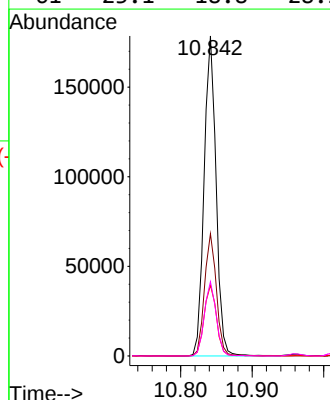
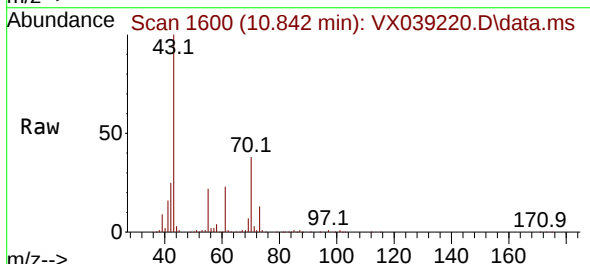
Ion Ratio Lower Upper

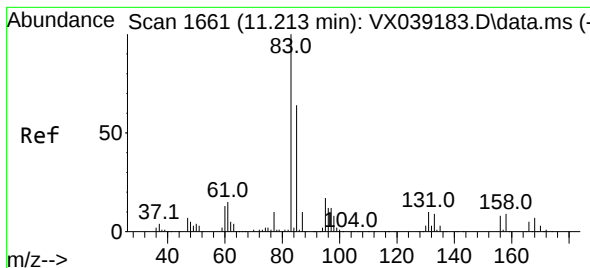
43 100

70 38.0 32.9 49.3

55 22.8 19.3 28.9

61 23.1 18.8 28.2





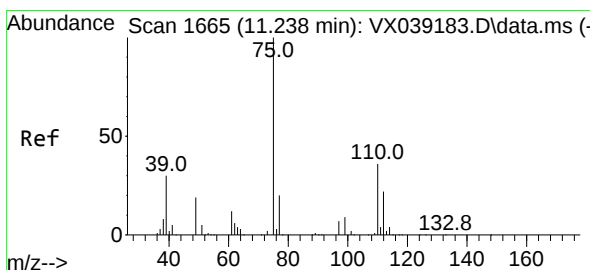
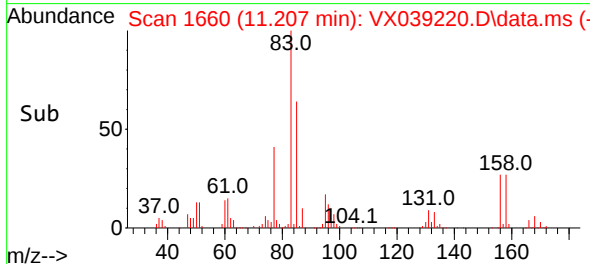
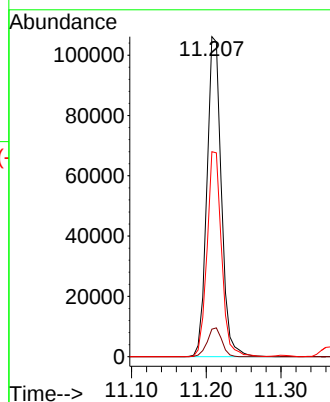
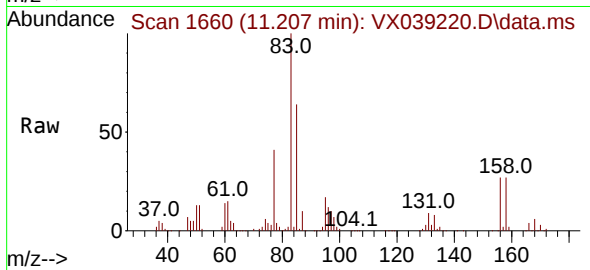
#75
1,1,2,2-Tetrachloroethane
Concen: 48.097 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX039220.D
Acq: 14 Dec 2023 19:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 14247
Ion Ratio Lower Upper
83 100
131 9.1 5.3 15.8
85 64.1 32.0 96.2

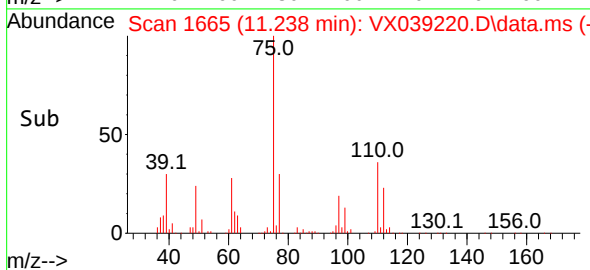
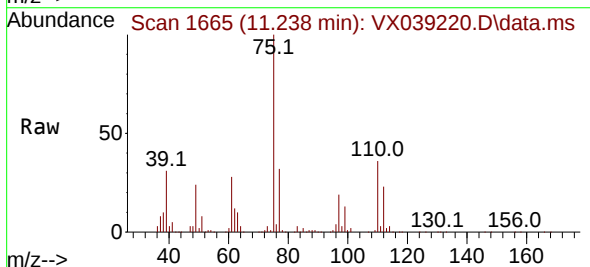
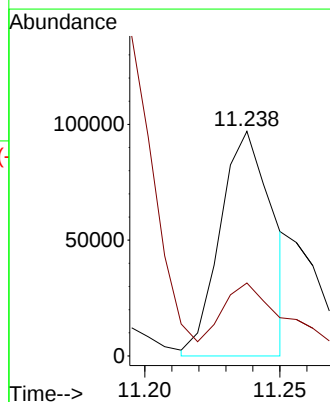
Manual Integrations
APPROVED

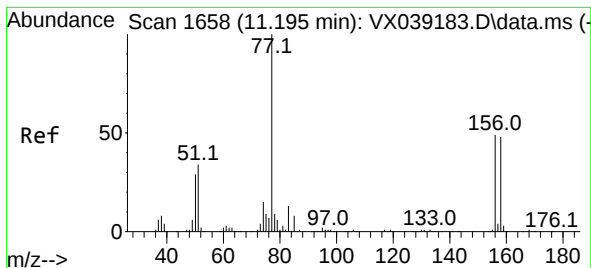
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#76
1,2,3-Trichloropropane
Concen: 48.868 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX039220.D
Acq: 14 Dec 2023 19:45

Tgt Ion: 75 Resp: 130487
Ion Ratio Lower Upper
75 100
77 41.6 19.1 57.5





#77

Bromobenzene

Concen: 49.672 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX039220.D

Acq: 14 Dec 2023 19:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

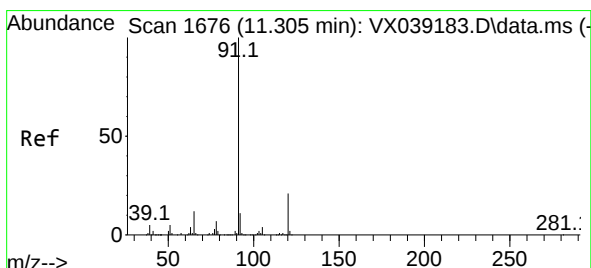
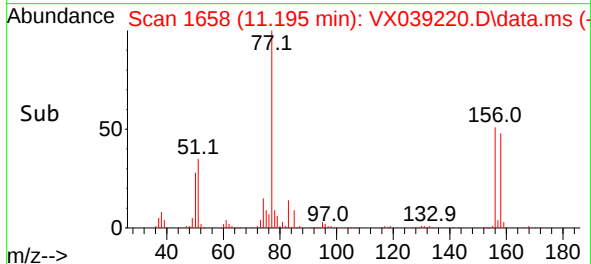
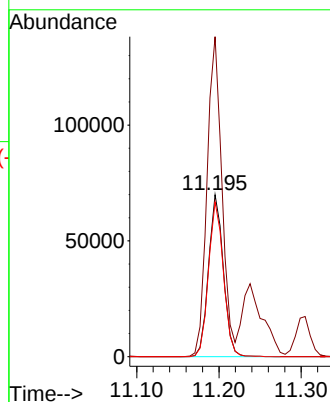
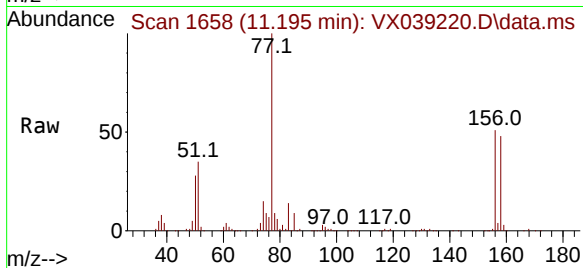
Tgt Ion:	156	Resp:	8746
Ion Ratio	Lower	Upper	
156	100		
77	198.5	88.4	265.3
158	96.2	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#78

n-propylbenzene

Concen: 49.924 ug/l

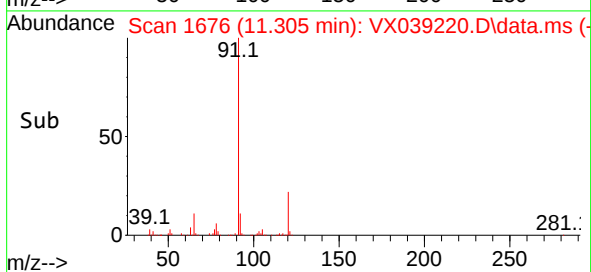
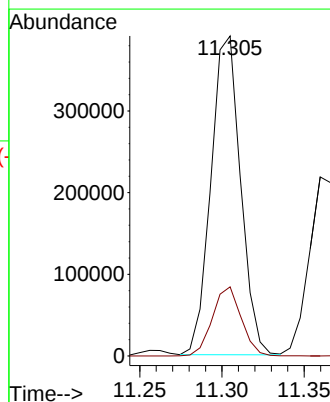
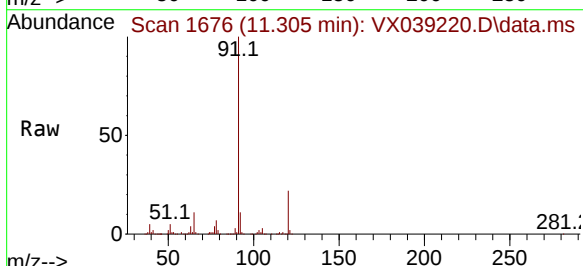
RT: 11.305 min Scan# 1676

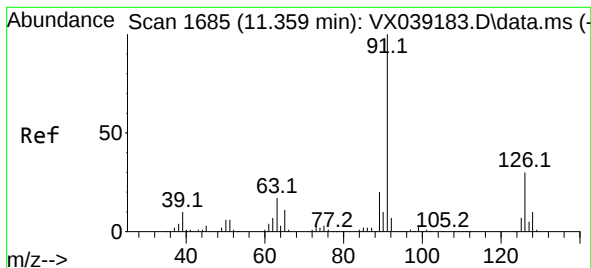
Delta R.T. 0.000 min

Lab File: VX039220.D

Acq: 14 Dec 2023 19:45

Tgt Ion:	91	Resp:	489807
Ion Ratio	Lower	Upper	
91	100		
120	21.2	11.5	34.4





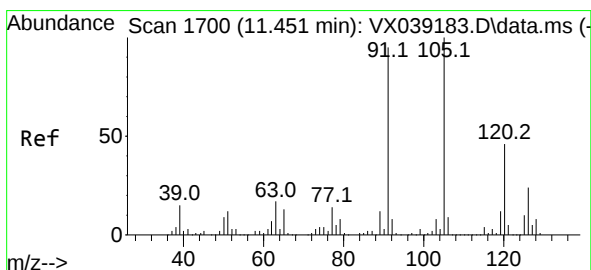
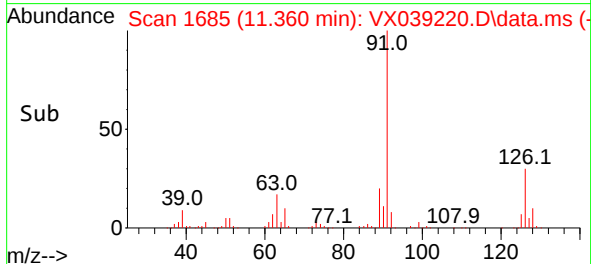
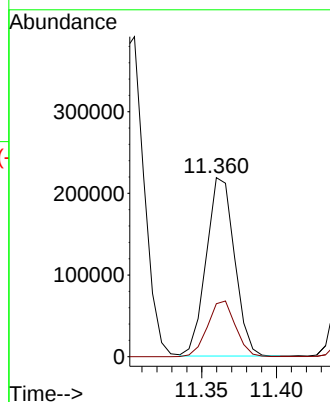
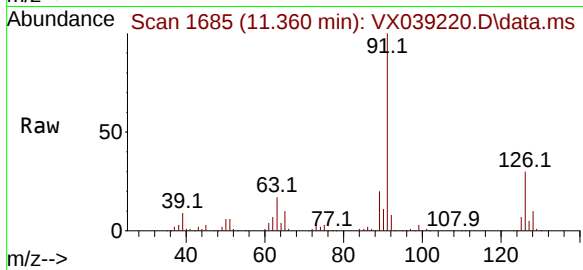
#79
2-Chlorotoluene
Concen: 48.531 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX039220.D
Acq: 14 Dec 2023 19:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 288009
Ion Ratio Lower Upper
91 100
126 30.9 16.3 48.8

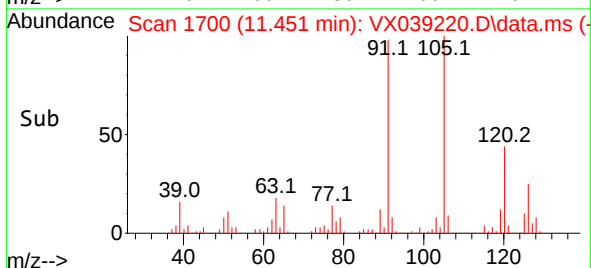
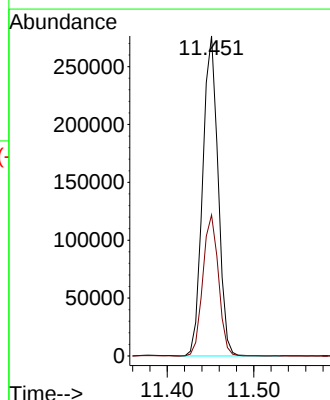
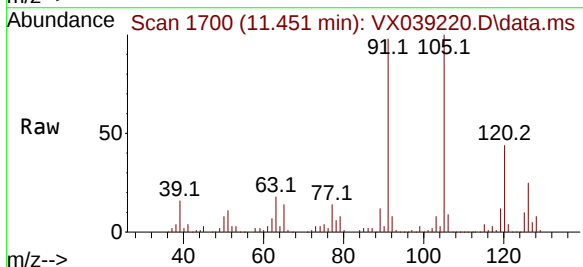
Manual Integrations
APPROVED

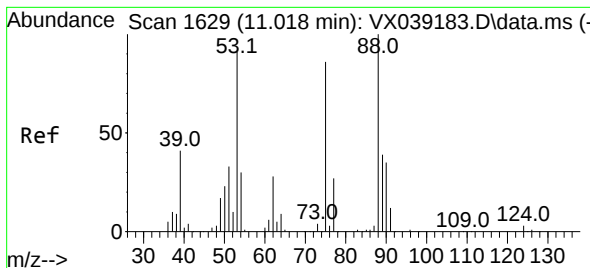
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#80
1,3,5-Trimethylbenzene
Concen: 50.308 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039220.D
Acq: 14 Dec 2023 19:45

Tgt Ion:105 Resp: 341269
Ion Ratio Lower Upper
105 100
120 44.7 24.1 72.3





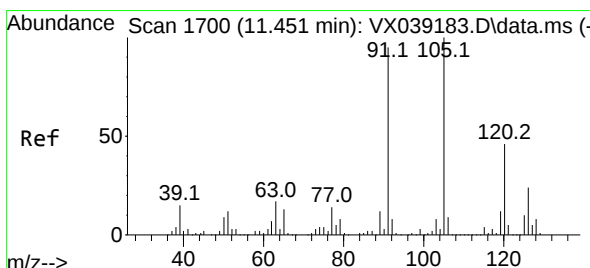
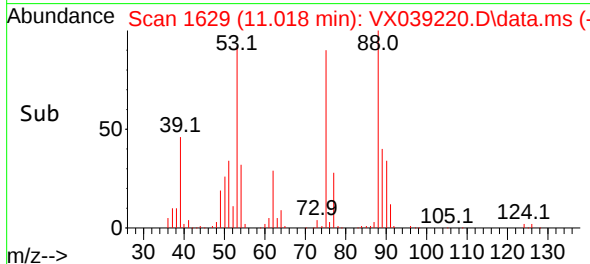
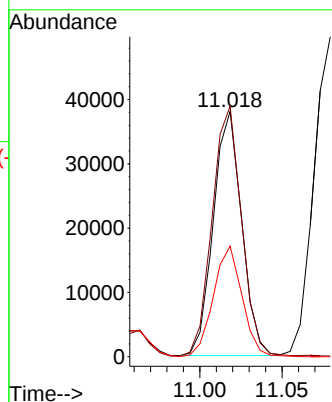
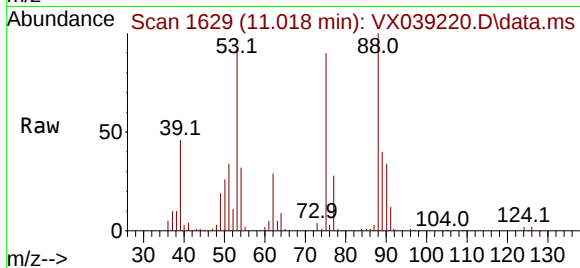
#81
trans-1,4-Dichloro-2-butene
Concen: 48.070 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039220.D
Acq: 14 Dec 2023 19:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 45500
Ion Ratio Lower Upper
75 100
53 106.5 90.5 135.7
89 45.9 36.9 55.3

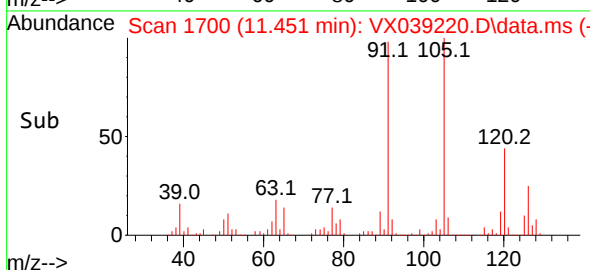
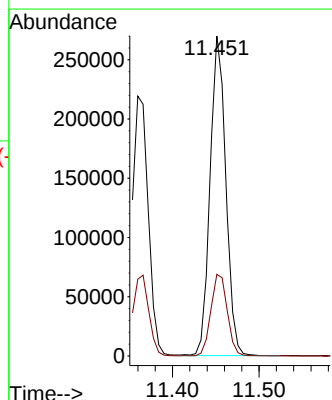
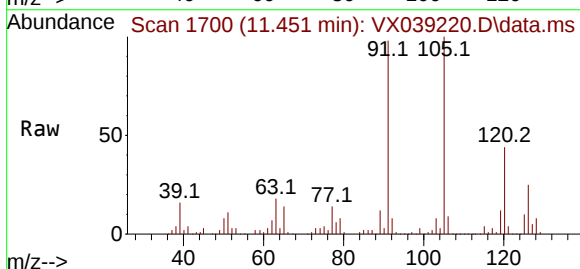
Manual Integrations
APPROVED

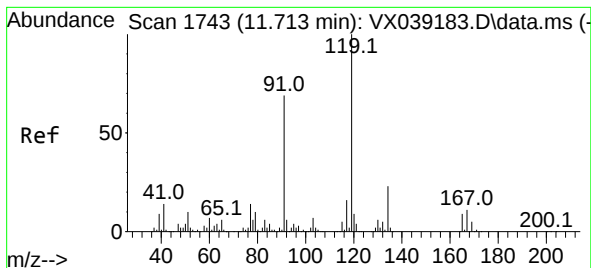
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#82
4-Chlorotoluene
Concen: 48.904 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039220.D
Acq: 14 Dec 2023 19:45

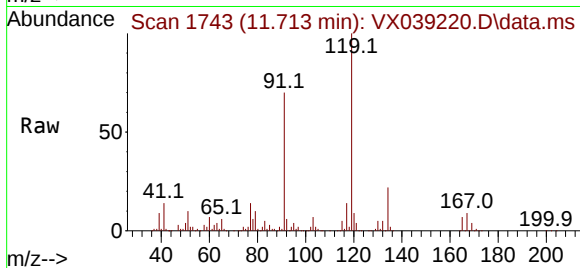
Tgt Ion: 91 Resp: 340878
Ion Ratio Lower Upper
91 100
126 26.5 14.2 42.6





#83
tert-Butylbenzene
Concen: 48.895 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX039220.D
Acq: 14 Dec 2023 19:45

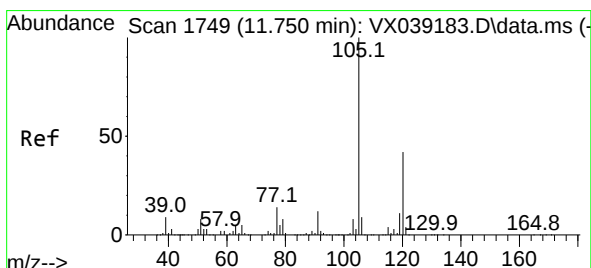
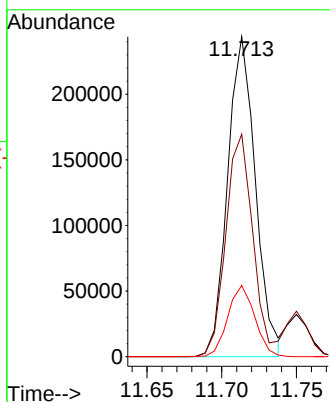
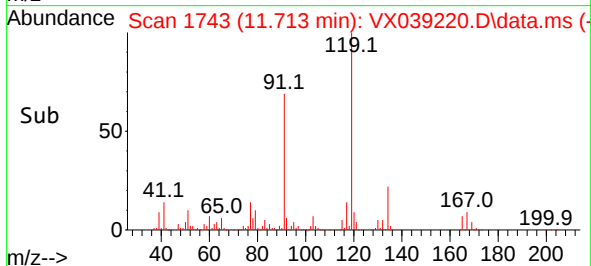
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



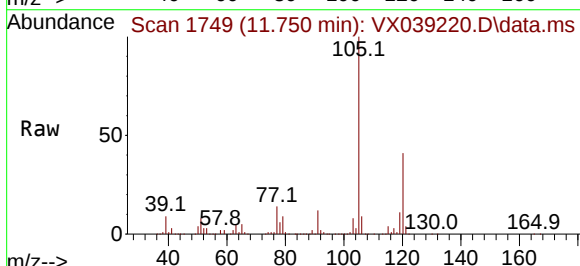
Tgt Ion:119 Resp: 31566
Ion Ratio Lower Upper
119 100
91 68.0 31.2 93.6
134 21.5 11.7 35.0

Manual Integrations
APPROVED

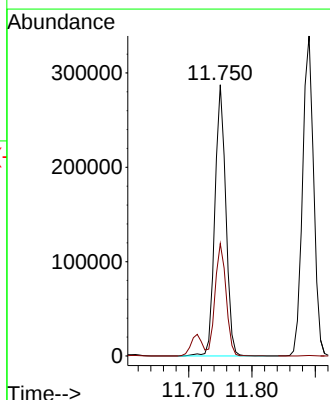
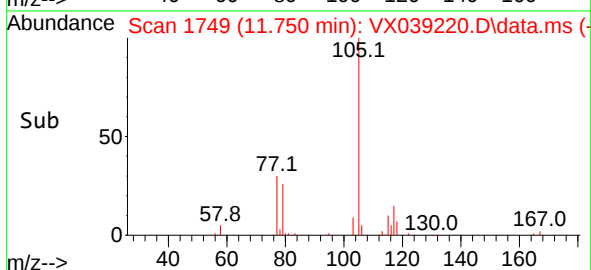
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

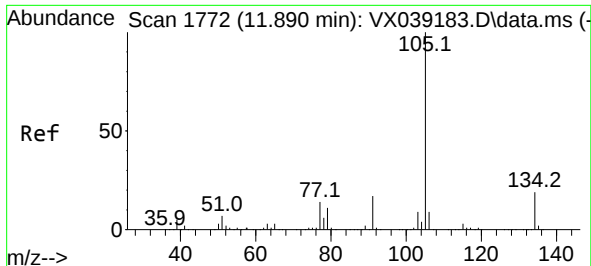


#84
1,2,4-Trimethylbenzene
Concen: 49.428 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX039220.D
Acq: 14 Dec 2023 19:45



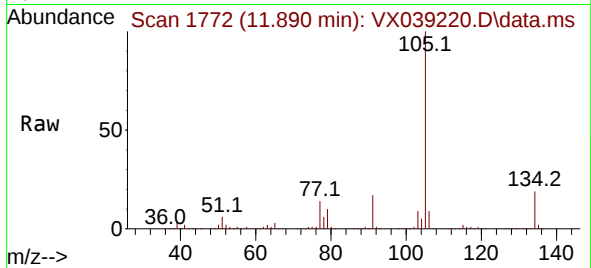
Tgt Ion:105 Resp: 343852
Ion Ratio Lower Upper
105 100
120 41.8 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 49.851 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039220.D
 Acq: 14 Dec 2023 19:45

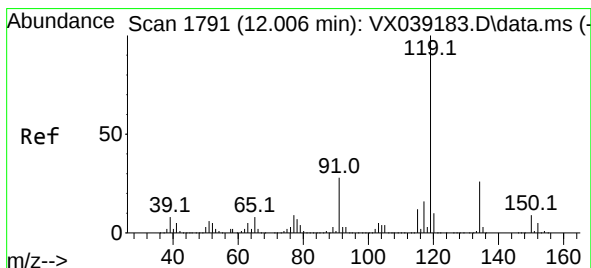
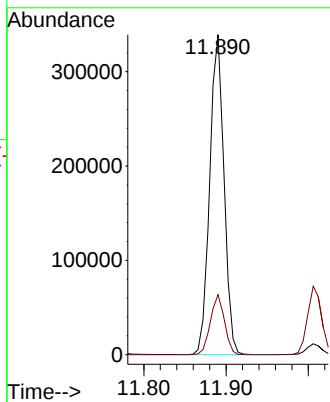
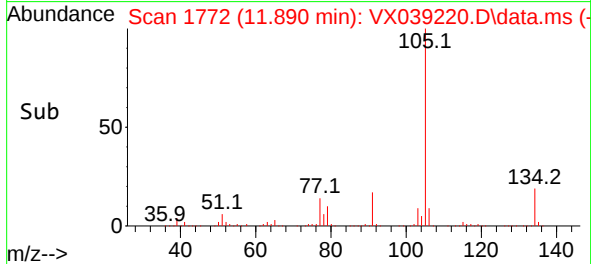
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



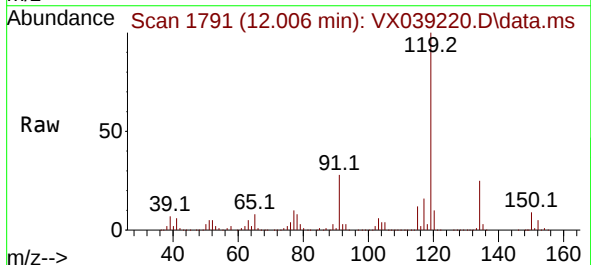
Tgt Ion:105 Resp: 409539
 Ion Ratio Lower Upper
 105 100
 134 18.5 9.8 29.4

Manual Integrations
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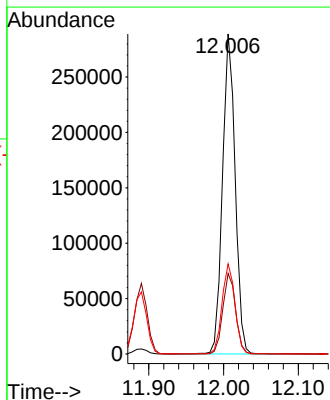
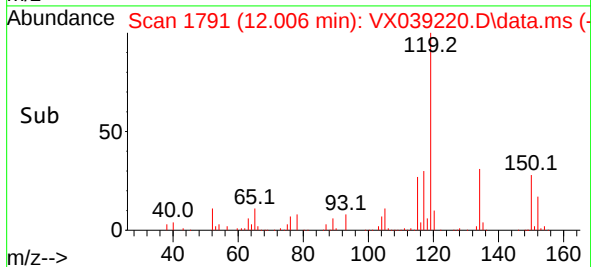
Reviewed By :John Carlone 12/15/2023
 Supervised By :Mahesh Dadoda 12/15/2023

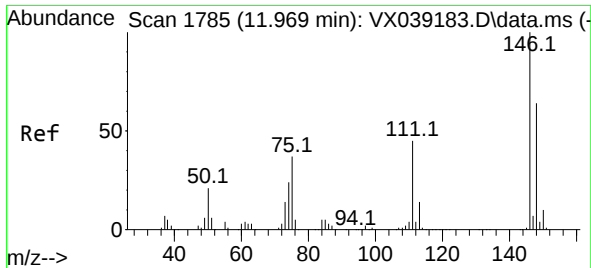


#86
 p-Isopropyltoluene
 Concen: 49.460 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039220.D
 Acq: 14 Dec 2023 19:45



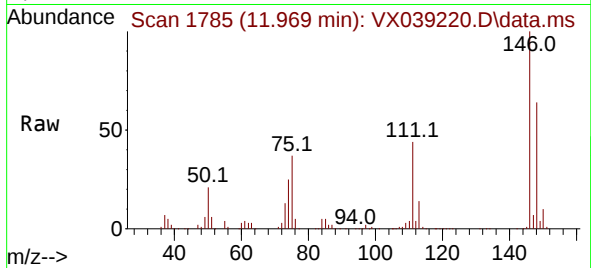
Tgt Ion:119 Resp: 341000
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.8 38.3
 91 28.6 13.1 39.3





#87
1,3-Dichlorobenzene
Concen: 48.439 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX039220.D
Acq: 14 Dec 2023 19:45

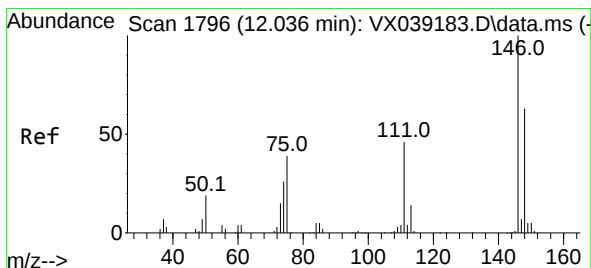
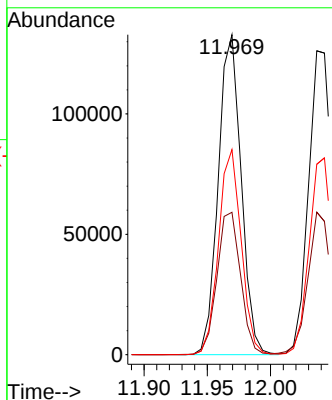
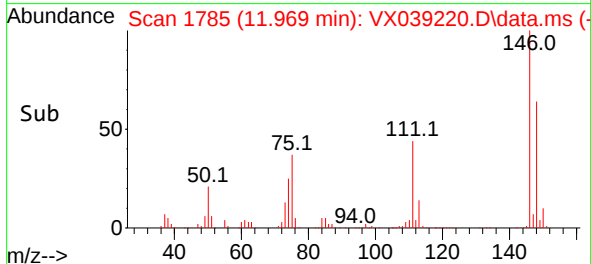
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



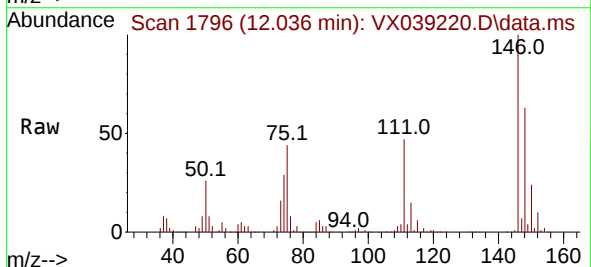
Tgt Ion:146 Resp: 167572
Ion Ratio Lower Upper
146 100
111 45.9 22.1 66.1
148 63.2 31.8 95.3

Manual Integrations
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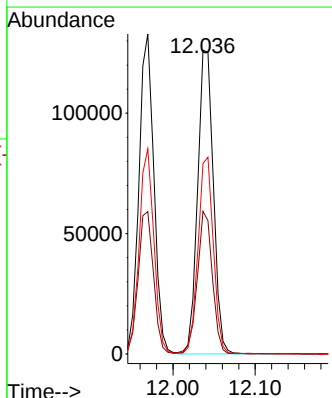
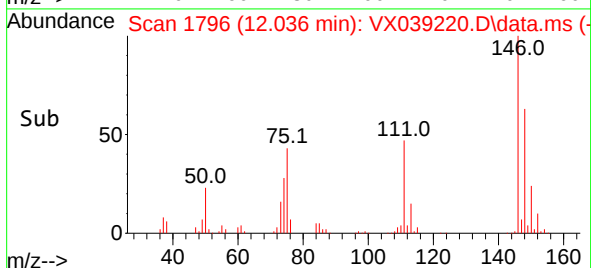
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

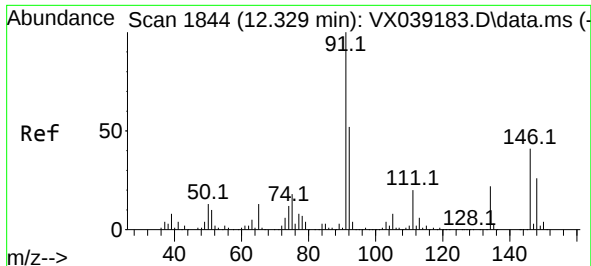


#88
1,4-Dichlorobenzene
Concen: 46.575 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX039220.D
Acq: 14 Dec 2023 19:45



Tgt Ion:146 Resp: 167763
Ion Ratio Lower Upper
146 100
111 45.0 21.3 63.7
148 62.9 31.8 95.4





#89

n-Butylbenzene

Concen: 50.369 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX039220.D

Acq: 14 Dec 2023 19:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

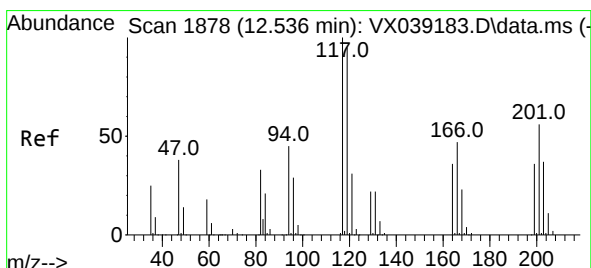
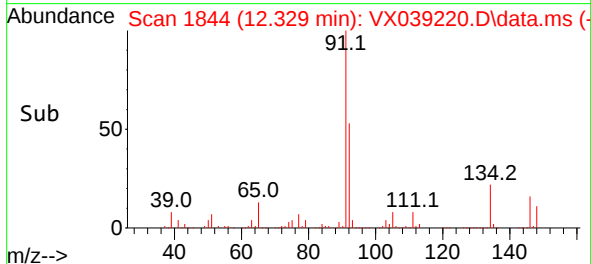
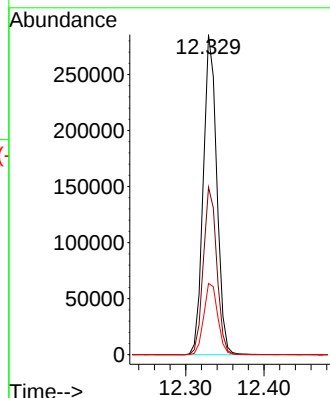
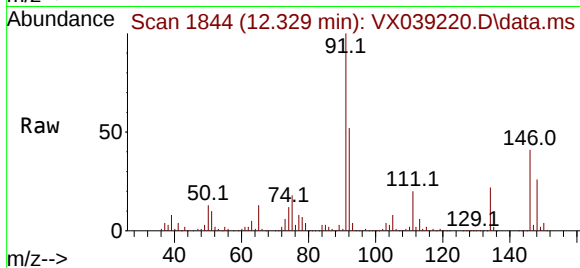
Tgt Ion: 91 Resp: 341375
 Ion Ratio Lower Upper
 91 100
 92 52.2 27.4 82.0
 134 23.0 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#90

Hexachloroethane

Concen: 50.140 ug/l

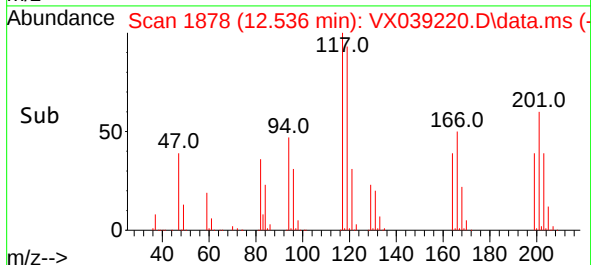
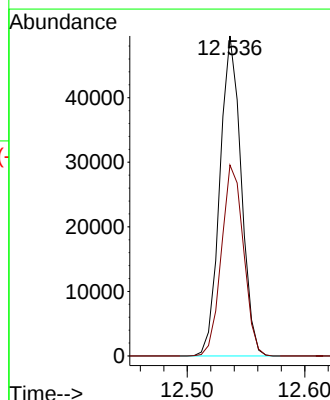
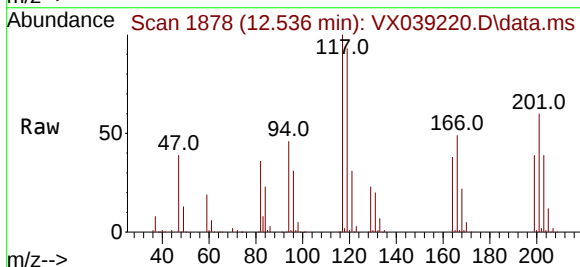
RT: 12.536 min Scan# 1878

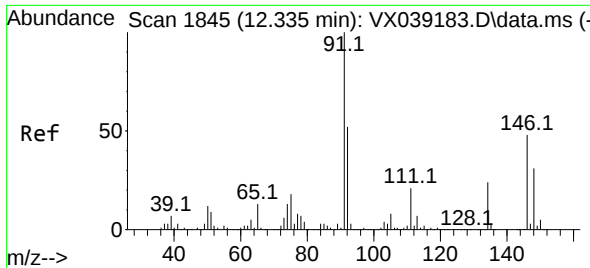
Delta R.T. 0.000 min

Lab File: VX039220.D

Acq: 14 Dec 2023 19:45

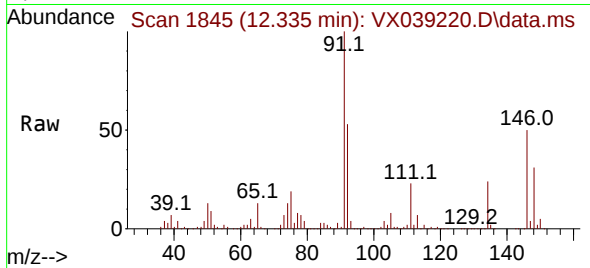
Tgt Ion:117 Resp: 62444
 Ion Ratio Lower Upper
 117 100
 201 61.9 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 48.023 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039220.D
Acq: 14 Dec 2023 19:45

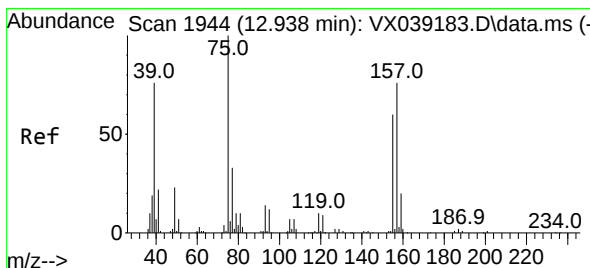
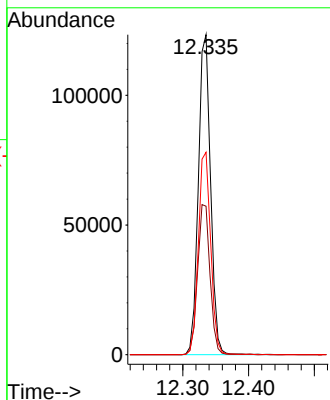
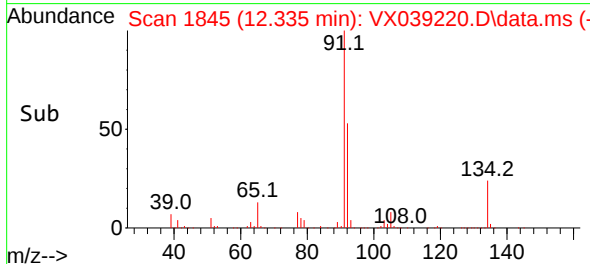
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



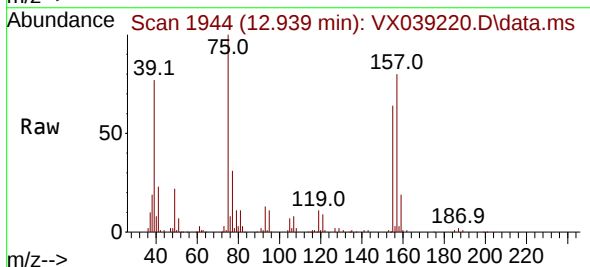
Tgt Ion:146 Resp: 158958
Ion Ratio Lower Upper
146 100
111 47.7 22.4 67.0
148 64.1 31.6 95.0

Manual Integrations
APPROVED

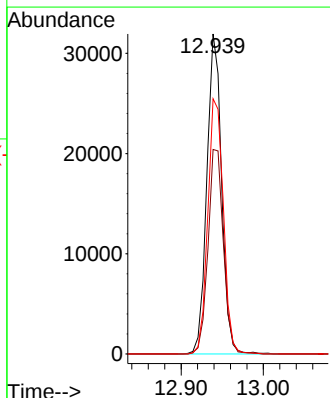
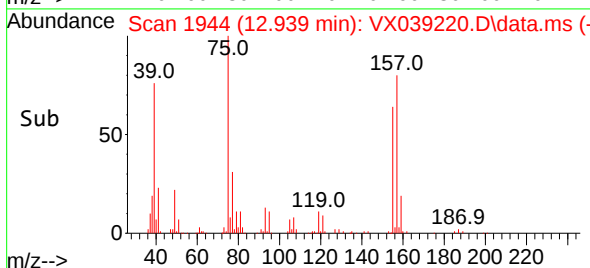
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

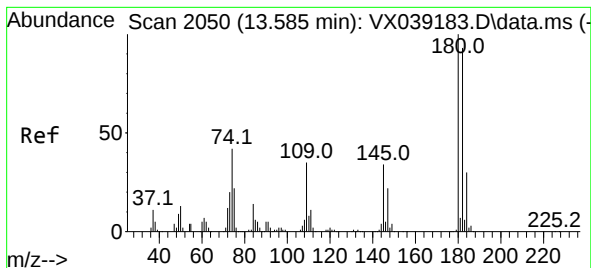


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.081 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX039220.D
Acq: 14 Dec 2023 19:45



Tgt Ion: 75 Resp: 39856
Ion Ratio Lower Upper
75 100
155 66.8 36.1 108.5
157 84.1 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 48.033 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039220.D

Acq: 14 Dec 2023 19:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

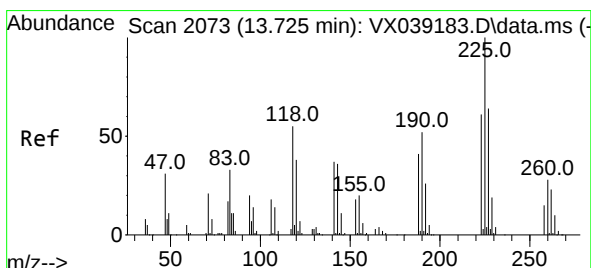
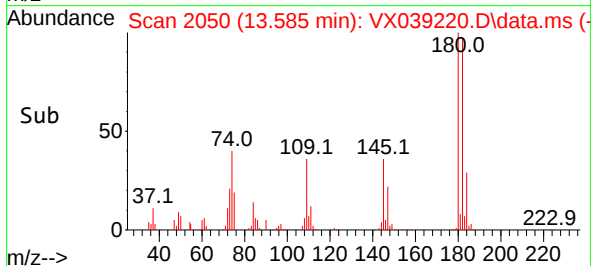
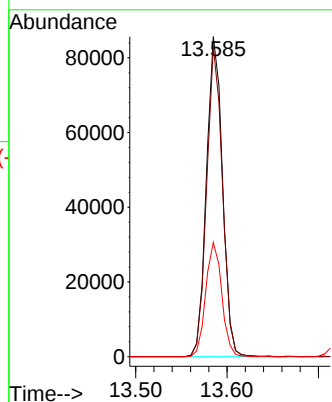
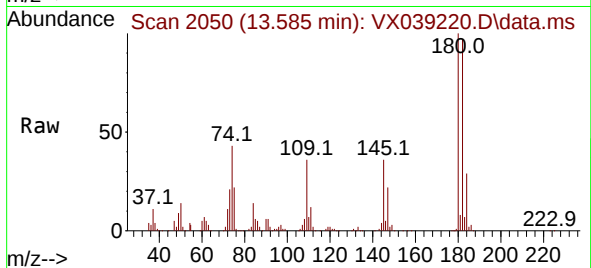
Tgt Ion:180	Resp:	104108
Ion Ratio	Lower	Upper
180	100	
182	95.3	48.3 144.8
145	35.6	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#94

Hexachlorobutadiene

Concen: 46.953 ug/l

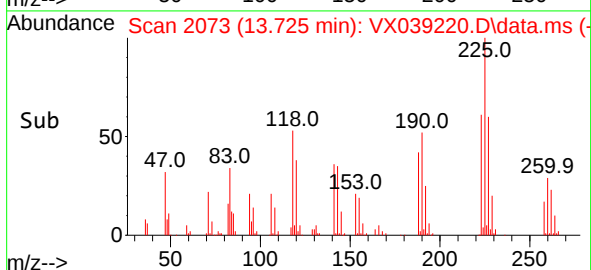
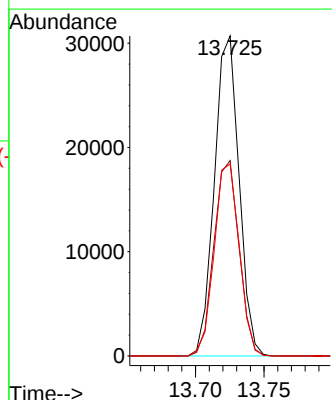
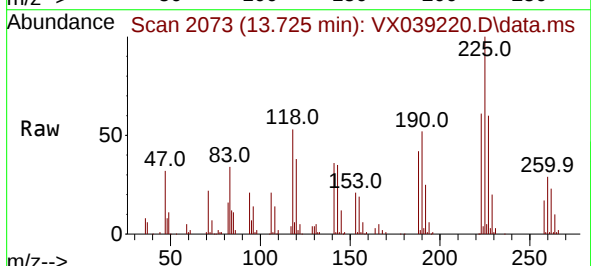
RT: 13.725 min Scan# 2073

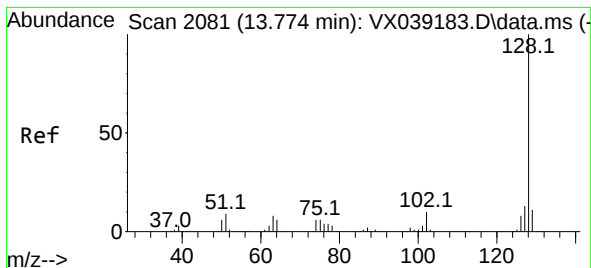
Delta R.T. 0.000 min

Lab File: VX039220.D

Acq: 14 Dec 2023 19:45

Tgt Ion:225	Resp:	38351
Ion Ratio	Lower	Upper
225	100	
223	62.0	31.1 93.2
227	61.0	32.5 97.5





#95

Naphthalene

Concen: 51.468 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX039220.D

Acq: 14 Dec 2023 19:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 388489

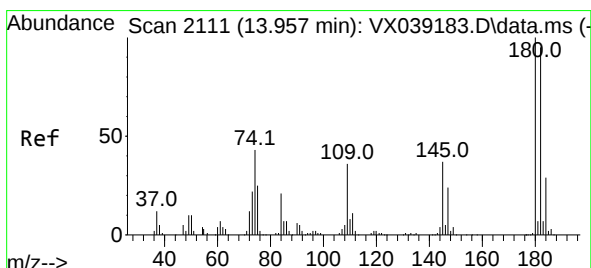
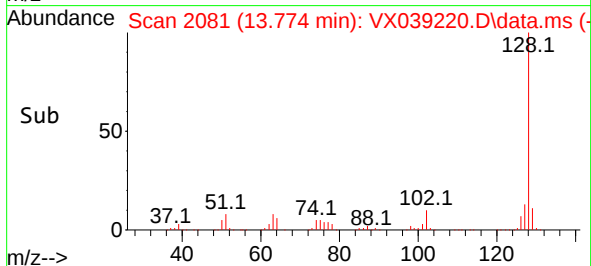
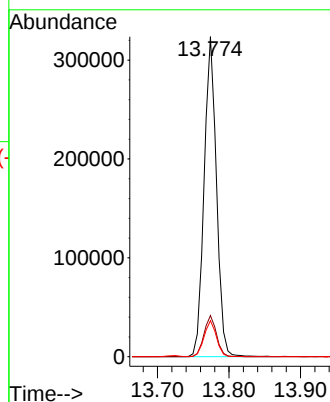
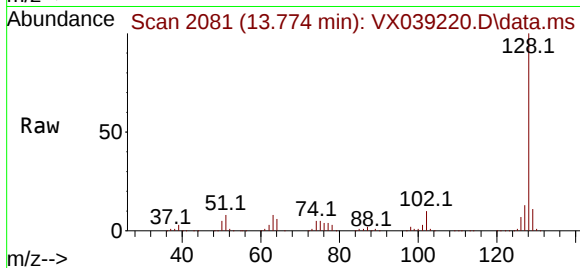
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	11.3	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#96

1,2,3-Trichlorobenzene

Concen: 48.344 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX039220.D

Acq: 14 Dec 2023 19:45

Tgt Ion:180 Resp: 101154

Ion	Ratio	Lower	Upper
180	100		
182	95.5	46.9	140.6
145	38.0	17.8	53.5

