

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072222\
 Data File : VX030176.D
 Acq On : 22 Jul 2022 13:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/25/2022
 Supervised By : Mahesh Dadoda 07/25/2022

Quant Time: Jul 22 23:49:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	250918	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	434299	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	389192	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	194851	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	154826	50.694	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.380%			
35) Dibromofluoromethane	5.391	113	128603	46.352	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.700%			
50) Toluene-d8	8.653	98	486597	46.633	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 93.260%			
62) 4-Bromofluorobenzene	11.085	95	183609	50.705	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.420%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	123081	43.049	ug/l	98
3) Chloromethane	1.288	50	107597	41.151	ug/l	99
4) Vinyl Chloride	1.374	62	116172	40.001	ug/l	99
5) Bromomethane	1.605	94	52324	42.413	ug/l	94
6) Chloroethane	1.678	64	67044	40.994	ug/l	95
7) Trichlorofluoromethane	1.886	101	163427	43.573	ug/l	98
8) Diethyl Ether	2.136	74	61673	39.747	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	117876	46.037	ug/l	99
10) Methyl Iodide	2.453	142	115666	46.203	ug/l	94
11) Tert butyl alcohol	2.983	59	184495	234.060	ug/l	99
12) 1,1-Dichloroethene	2.319	96	112594	44.043	ug/l	96
13) Acrolein	2.239	56	5284	33.659	ug/l	94
14) Allyl chloride	2.660	41	233780	52.329	ug/l	97
15) Acrylonitrile	3.068	53	452319	252.491	ug/l	98
16) Acetone	2.386	43	421624	292.973	ug/l	96
17) Carbon Disulfide	2.508	76	280726	39.160	ug/l	98
18) Methyl Acetate	2.709	43	228411	52.172	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	412813	51.085	ug/l	97
20) Methylene Chloride	2.788	84	134478	46.071	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	123894	46.495	ug/l	97
22) Diisopropyl ether	3.763	45	479977	54.887	ug/l	95
23) Vinyl Acetate	3.727	43	2089993	282.318	ug/l	98
24) 1,1-Dichloroethane	3.611	63	237010	48.910	ug/l	99
25) 2-Butanone	4.562	43	678392	276.730	ug/l	95
26) 2,2-Dichloropropane	4.477	77	184506	54.203	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	149098	45.691	ug/l	94
28) Bromochloromethane	4.903	49	112212	55.043	ug/l	96
29) Tetrahydrofuran	5.013	42	436270	262.232	ug/l	95
30) Chloroform	5.099	83	240162	49.732	ug/l	99
31) Cyclohexane	5.470	56	216843	48.977	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	198375	50.261	ug/l	99
36) 1,1-Dichloropropene	5.690	75	175929	49.091	ug/l	97
37) Ethyl Acetate	4.721	43	244715	53.141	ug/l	98
38) Carbon Tetrachloride	5.678	117	165645	49.565	ug/l	97
39) Methylcyclohexane	7.385	83	220184	48.466	ug/l	95
40) Benzene	6.043	78	543161	48.154	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072222\
 Data File : VX030176.D
 Acq On : 22 Jul 2022 13:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/25/2022
 Supervised By : Mahesh Dadoda 07/25/2022

Quant Time: Jul 22 23:49:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	132921	53.607	ug/l	96
42) 1,2-Dichloroethane	6.092	62	187905	53.752	ug/l	97
43) Isopropyl Acetate	6.348	43	371546	53.656	ug/l	97
44) Trichloroethene	7.129	130	141314	42.873	ug/l	97
45) 1,2-Dichloropropane	7.433	63	146782	50.064	ug/l	100
46) Dibromomethane	7.586	93	96712	47.926	ug/l	96
47) Bromodichloromethane	7.824	83	183737	50.179	ug/l	96
48) Methyl methacrylate	7.696	41	181507	56.808	ug/l	96
49) 1,4-Dioxane	7.677	88	77933	938.832	ug/l	96
51) 4-Methyl-2-Pentanone	8.573	43	1250201	272.835	ug/l	97
52) Toluene	8.720	92	339520	47.401	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	200898	52.821	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	222993	51.178	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	140504	47.568	ug/l	97
56) Ethyl methacrylate	9.122	69	233593	52.600	ug/l	94
57) 1,3-Dichloropropane	9.311	76	234232	49.919	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	469767	194.807	ug/l	98
59) 2-Hexanone	9.433	43	993698	282.787	ug/l	96
60) Dibromochloromethane	9.525	129	139663	48.534	ug/l	100
61) 1,2-Dibromoethane	9.610	107	145507	47.332	ug/l	100
64) Tetrachloroethene	9.275	164	135962	43.519	ug/l	93
65) Chlorobenzene	10.079	112	355914	45.925	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	127091	48.103	ug/l	100
67) Ethyl Benzene	10.195	91	651104	49.570	ug/l	98
68) m/p-Xylenes	10.305	106	490611	95.233	ug/l	94
69) o-Xylene	10.646	106	244302	47.361	ug/l	94
70) Styrene	10.659	104	412586	48.190	ug/l	98
71) Bromoform	10.805	173	96880	45.640	ug/l #	100
73) Isopropylbenzene	10.963	105	639260	47.117	ug/l	100
74) N-amyl acetate	10.847	43	319876	53.680	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	225460	46.061	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	216227m	48.264	ug/l	
77) Bromobenzene	11.201	156	145738	42.933	ug/l	93
78) n-propylbenzene	11.305	91	791856	49.197	ug/l	98
79) 2-Chlorotoluene	11.366	91	459011	47.611	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	538009	47.061	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	75629	48.719	ug/l	96
82) 4-Chlorotoluene	11.457	91	528764	48.952	ug/l	97
83) tert-Butylbenzene	11.719	119	500220	45.626	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	546565	48.335	ug/l	98
85) sec-Butylbenzene	11.890	105	695669	47.998	ug/l	99
86) p-Isopropyltoluene	12.012	119	560776	48.228	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	284642	45.382	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	284848	44.255	ug/l	99
89) n-Butylbenzene	12.335	91	540878	51.917	ug/l	99
90) Hexachloroethane	12.542	117	93081	46.828	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	279712	43.896	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	53228	47.624	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	175258	44.778	ug/l	97
94) Hexachlorobutadiene	13.725	225	67702	43.326	ug/l	98
95) Naphthalene	13.780	128	678332	43.663	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	174561	43.833	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072222\
Data File : VX030176.D
Acq On : 22 Jul 2022 13:11
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

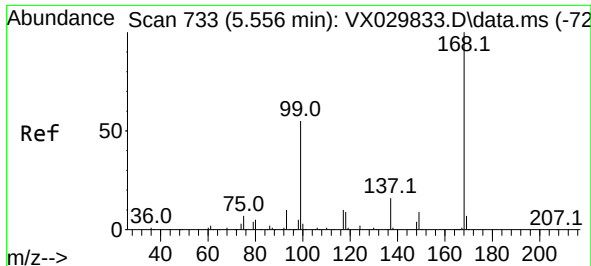
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/25/2022
Supervised By :Mahesh Dadoda 07/25/2022

Quant Time: Jul 22 23:49:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 13 09:05:23 2022
Response via : Initial Calibration

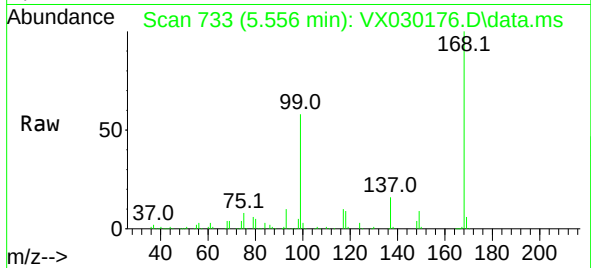
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11

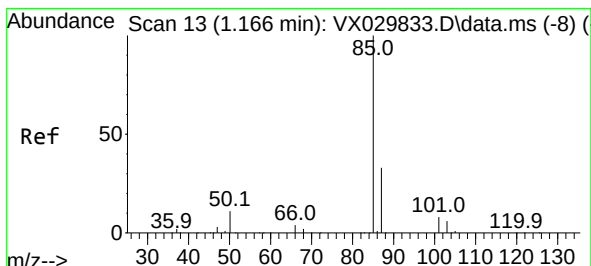
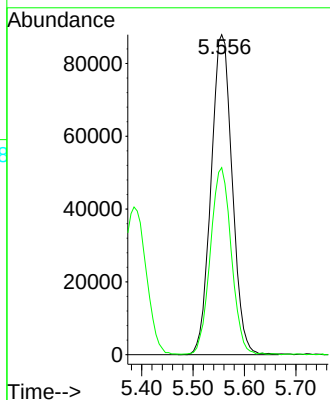
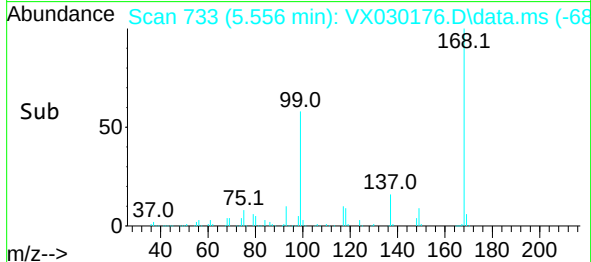
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



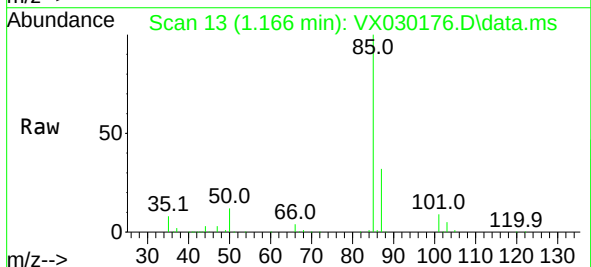
Tgt Ion:168 Resp: 250918
Ion Ratio Lower Upper
168 100
99 58.3 44.0 66.0

Manual Integrations
APPROVED

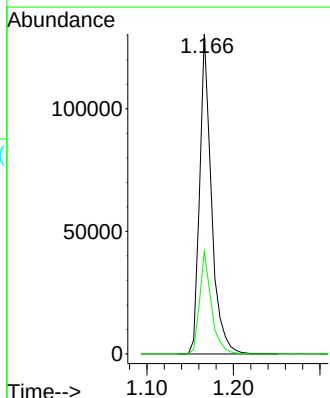
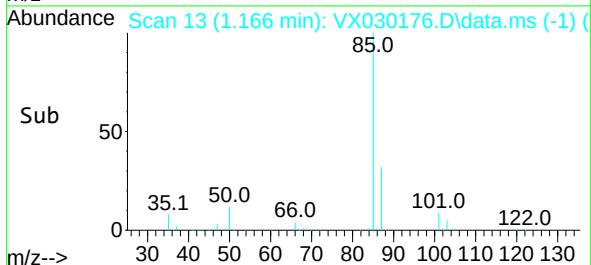
Reviewed By :John Carlone 07/25/2022
Supervised By :Mahesh Dadoda 07/25/2022

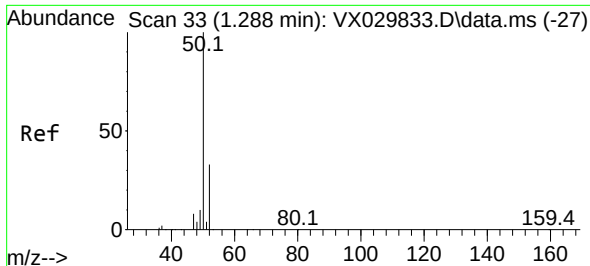


#2
Dichlorodifluoromethane
Concen: 43.049 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11



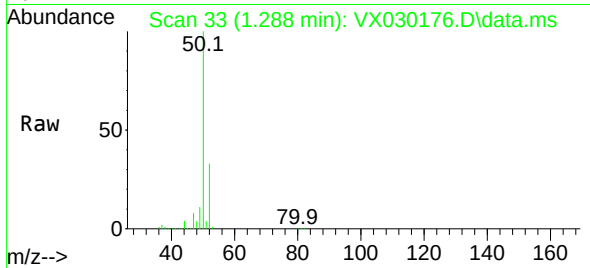
Tgt Ion: 85 Resp: 123081
Ion Ratio Lower Upper
85 100
87 32.0 16.5 49.5





#3
Chloromethane
Concen: 41.151 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11

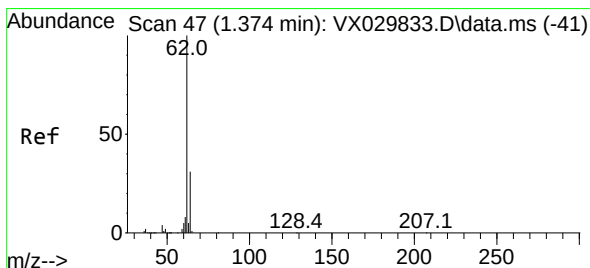
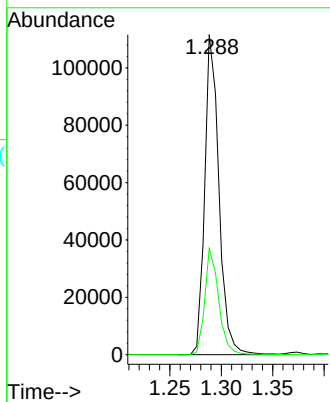
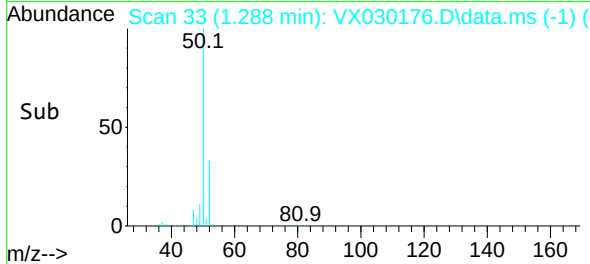
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 10759
Ion Ratio Lower Upper
50 100
52 33.2 26.3 39.5

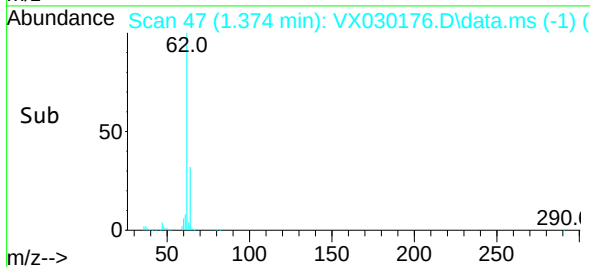
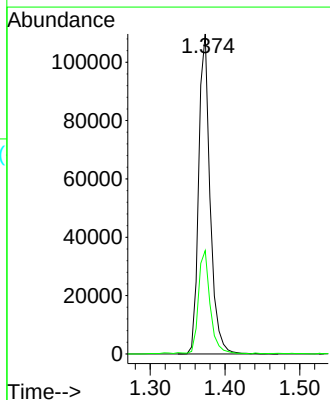
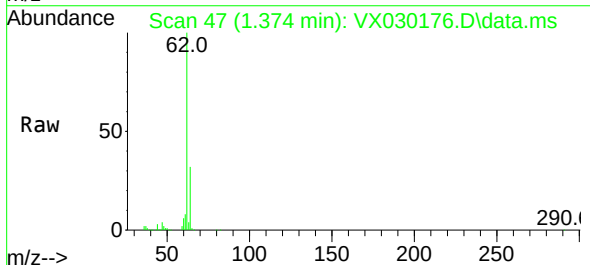
Manual Integrations
APPROVED

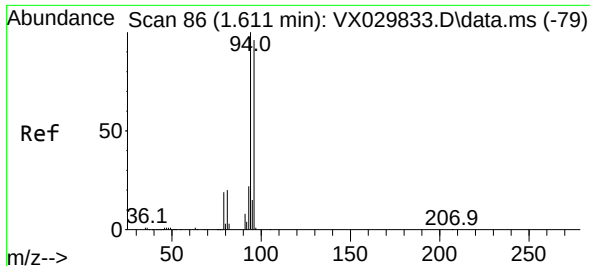
Reviewed By :John Carlone 07/25/2022
Supervised By :Mahesh Dadoda 07/25/2022



#4
Vinyl Chloride
Concen: 40.001 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11

Tgt Ion: 62 Resp: 116172
Ion Ratio Lower Upper
62 100
64 32.1 25.2 37.8





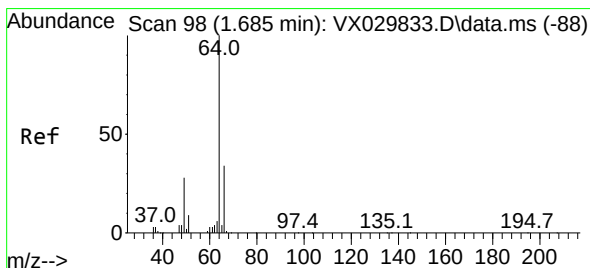
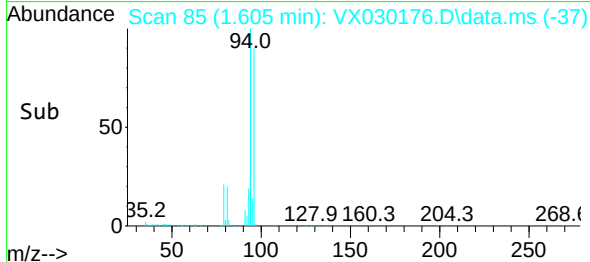
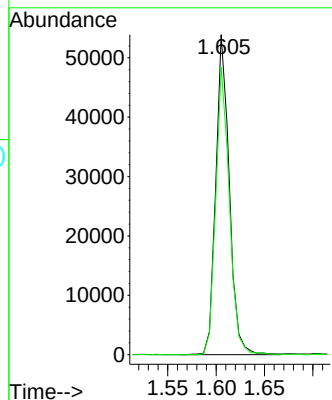
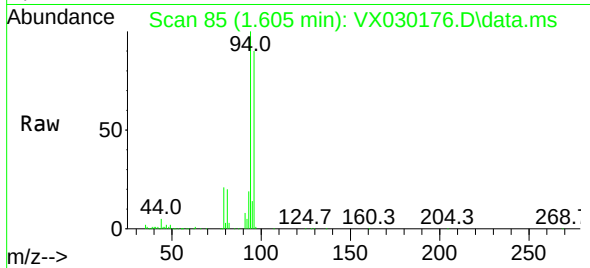
#5
Bromomethane
Concen: 42.413 ug/l
RT: 1.605 min Scan# 86
Delta R.T. -0.006 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 52324
Ion Ratio Lower Upper
94 100
96 89.9 76.9 115.3

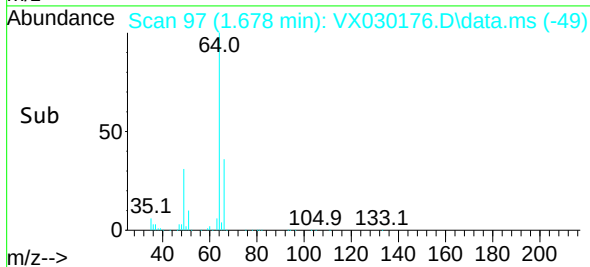
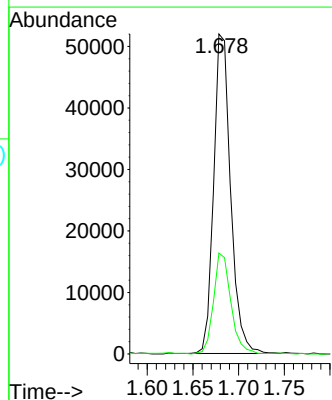
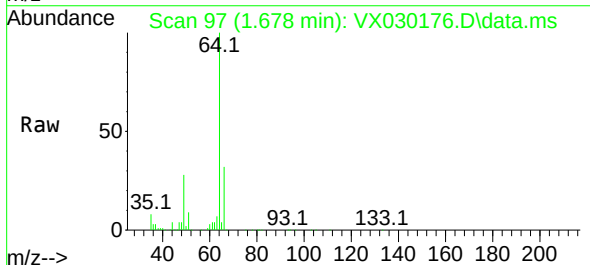
Manual Integrations
APPROVED

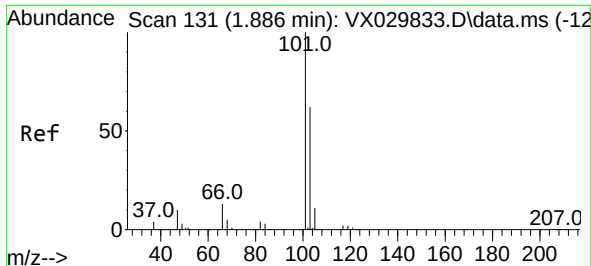
Reviewed By :John Carlone 07/25/2022
Supervised By :Mahesh Dadoda 07/25/2022



#6
Chloroethane
Concen: 40.994 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.007 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11

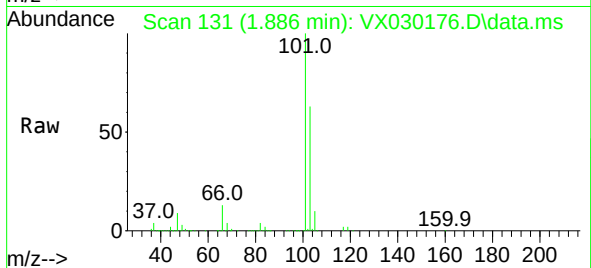
Tgt Ion: 64 Resp: 67044
Ion Ratio Lower Upper
64 100
66 31.4 27.2 40.8





#7
Trichlorofluoromethane
Concen: 43.573 ug/l
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11

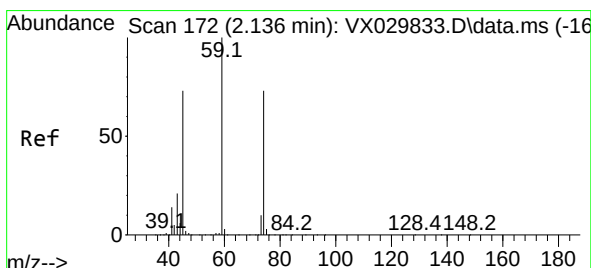
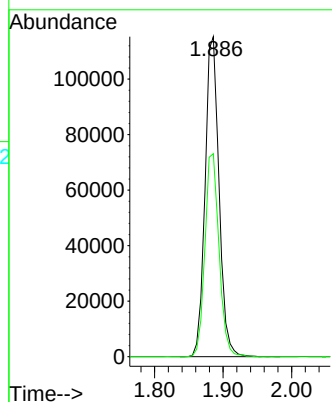
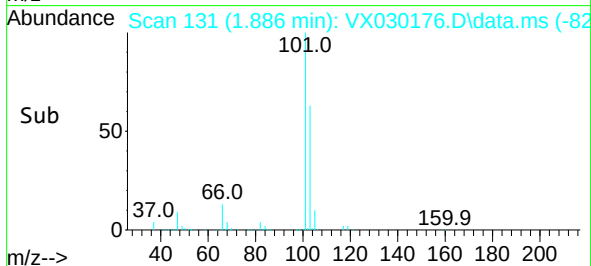
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



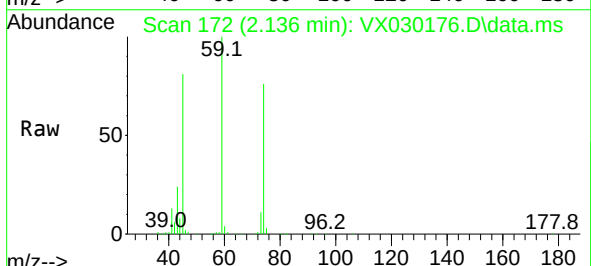
Tgt Ion:101 Resp: 16342
Ion Ratio Lower Upper
101 100
103 63.5 49.7 74.5

Manual Integrations
APPROVED

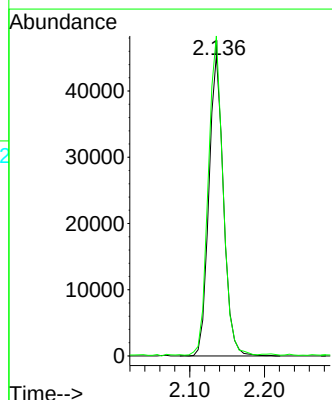
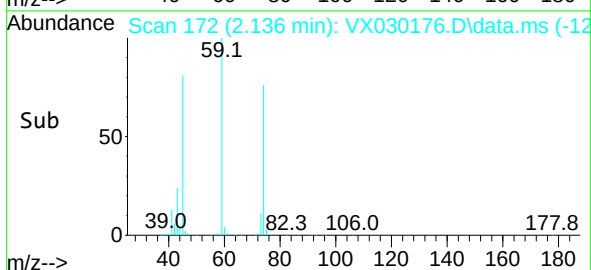
Reviewed By :John Carlone 07/25/2022
Supervised By :Mahesh Dadoda 07/25/2022

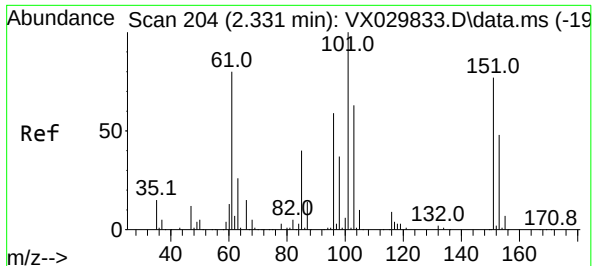


#8
Diethyl Ether
Concen: 39.747 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11



Tgt Ion: 74 Resp: 61673
Ion Ratio Lower Upper
74 100
45 107.2 51.5 154.7





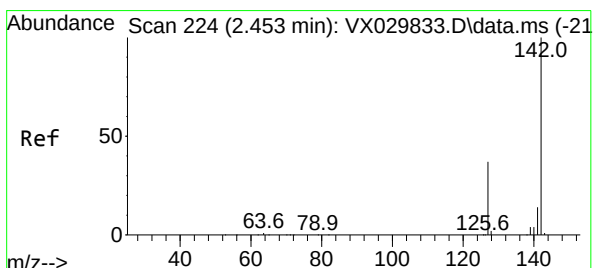
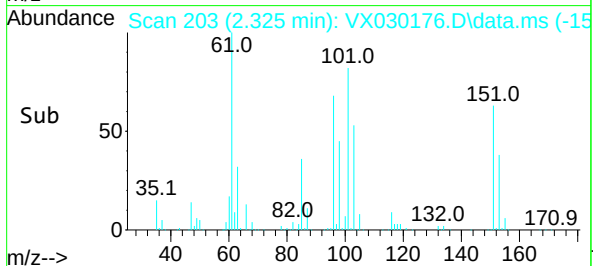
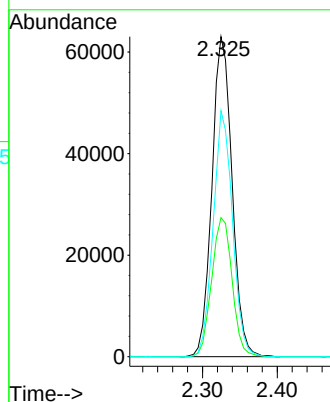
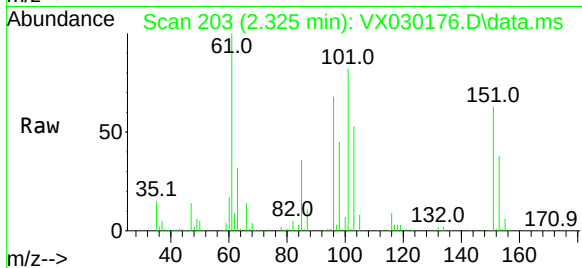
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.037 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 117870
Ion Ratio Lower Upper
101 100
85 44.0 34.0 51.0
151 74.0 59.4 89.0

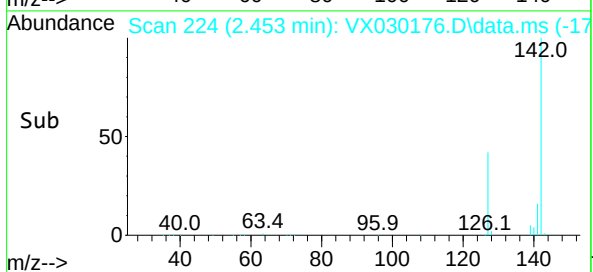
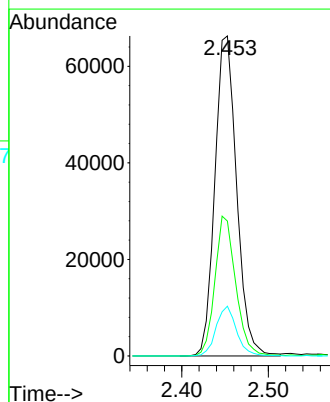
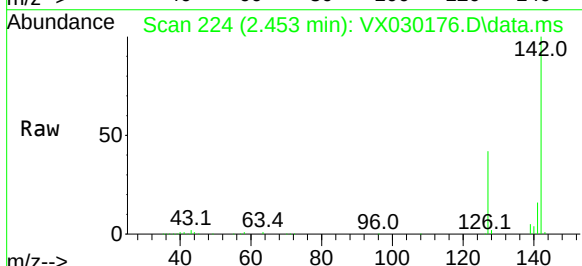
Manual Integrations
APPROVED

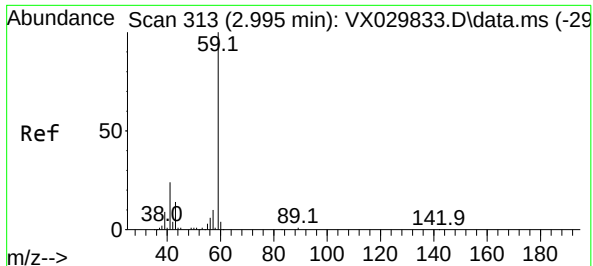
Reviewed By :John Carlone 07/25/2022
Supervised By :Mahesh Dadoda 07/25/2022



#10
Methyl Iodide
Concen: 46.203 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11

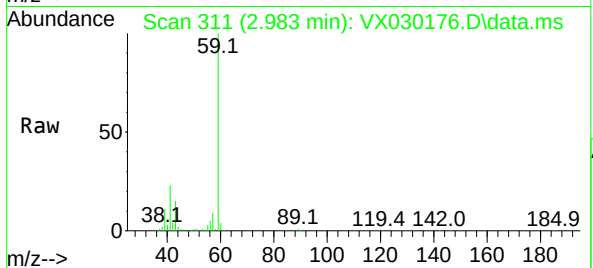
Tgt Ion:142 Resp: 115666
Ion Ratio Lower Upper
142 100
127 41.9 30.2 45.2
141 14.7 11.3 16.9





#11
Tert butyl alcohol
Concen: 234.060 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.012 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11

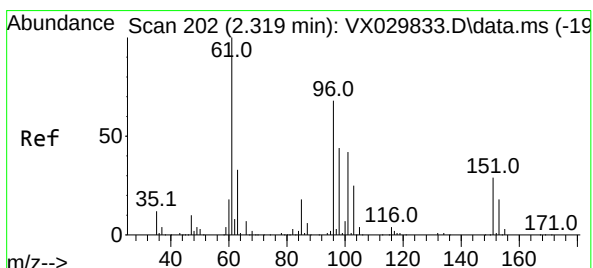
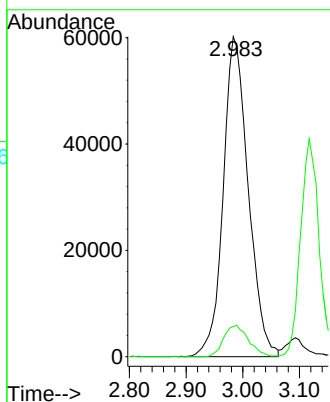
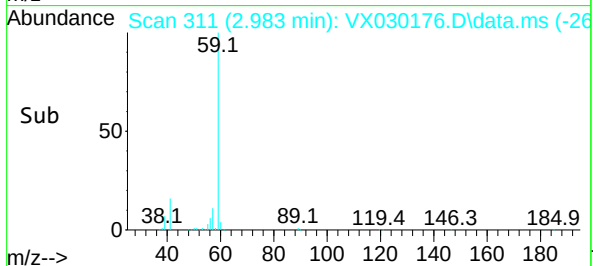
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 184495
Ion Ratio Lower Upper
59 100
57 9.8 7.4 11.2

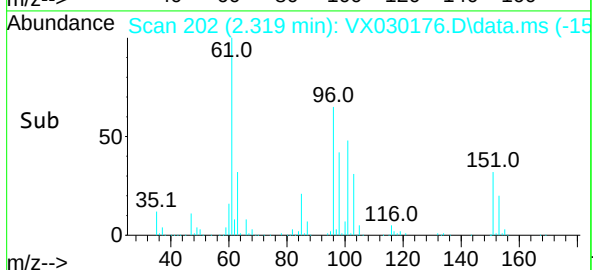
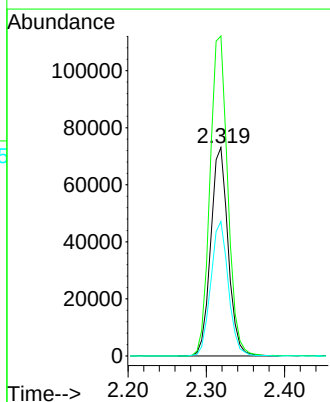
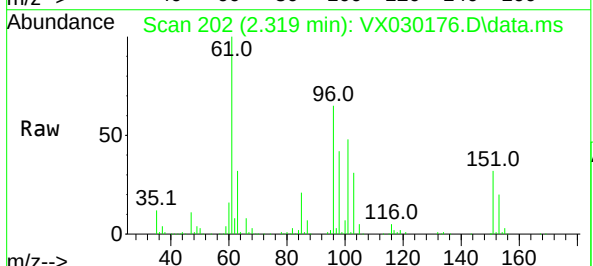
Manual Integrations
APPROVED

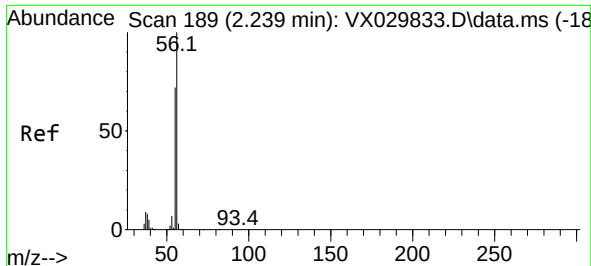
Reviewed By :John Carlone 07/25/2022
Supervised By :Mahesh Dadoda 07/25/2022



#12
1,1-Dichloroethene
Concen: 44.043 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11

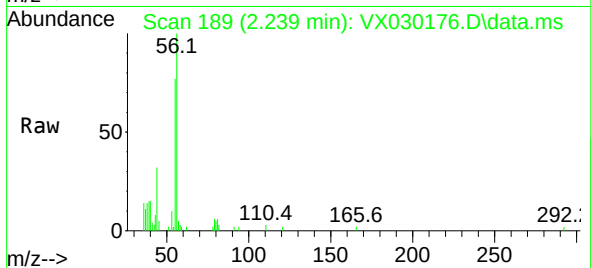
Tgt Ion: 96 Resp: 112594
Ion Ratio Lower Upper
96 100
61 153.5 117.4 176.0
98 64.4 52.2 78.4





#13
Acrolein
Concen: 33.659 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11

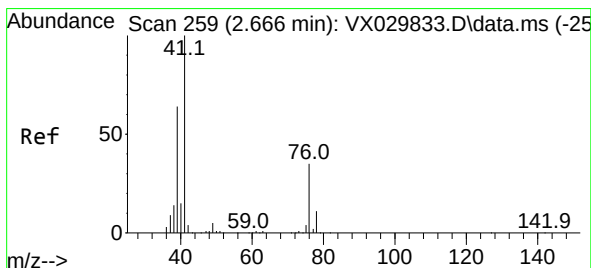
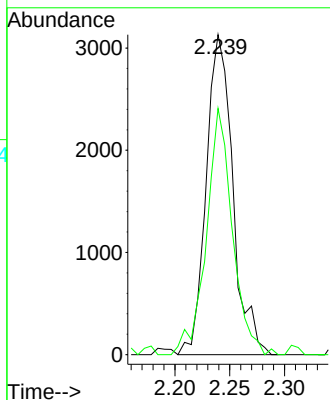
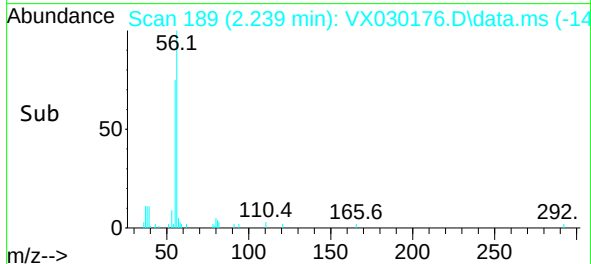
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



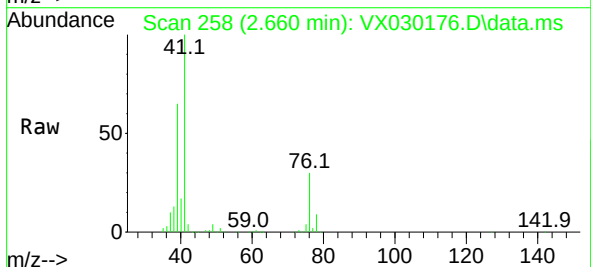
Tgt Ion: 56 Resp: 5284
Ion Ratio Lower Upper
56 100
55 75.4 56.6 84.8

Manual Integrations
APPROVED

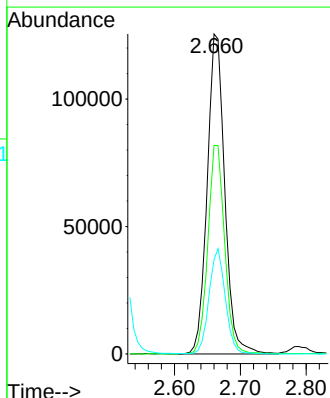
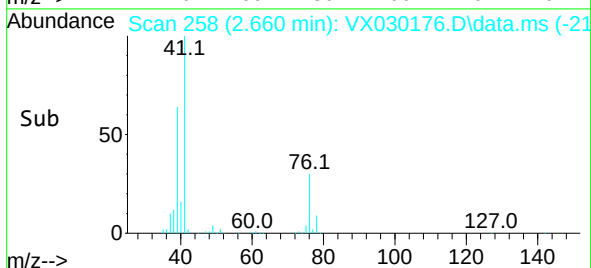
Reviewed By :John Carlone 07/25/2022
Supervised By :Mahesh Dadoda 07/25/2022

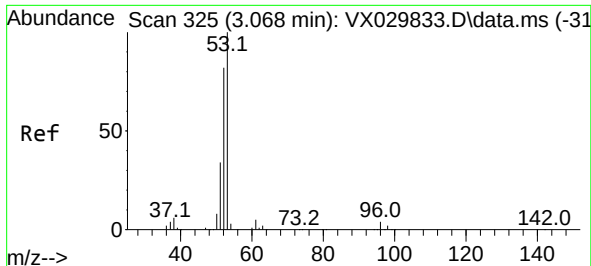


#14
Allyl chloride
Concen: 52.329 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11



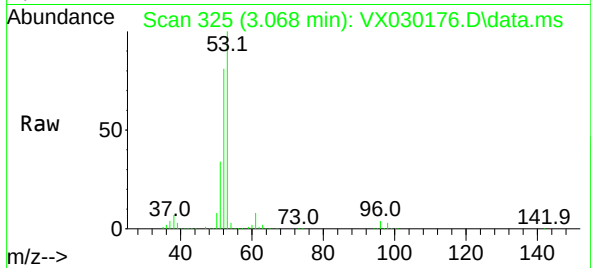
Tgt Ion: 41 Resp: 233780
Ion Ratio Lower Upper
41 100
39 62.5 48.9 73.3
76 30.4 26.9 40.3





#15
Acrylonitrile
Concen: 252.491 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11

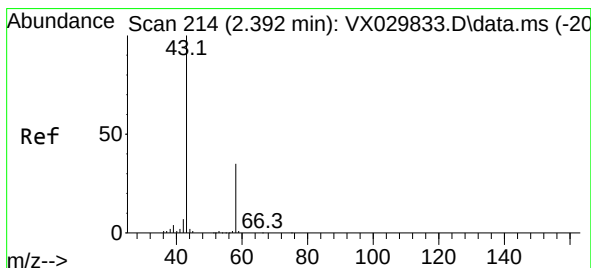
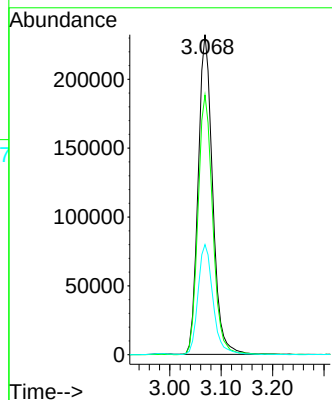
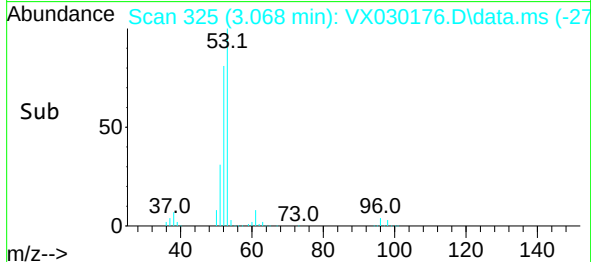
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 452319
Ion Ratio Lower Upper
53 100
52 82.9 65.4 98.0
51 35.7 27.7 41.5

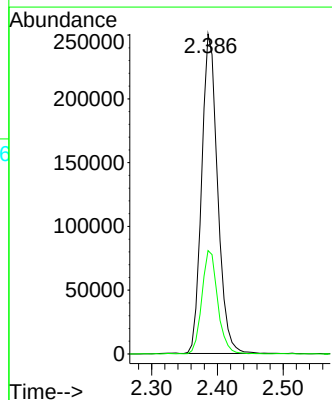
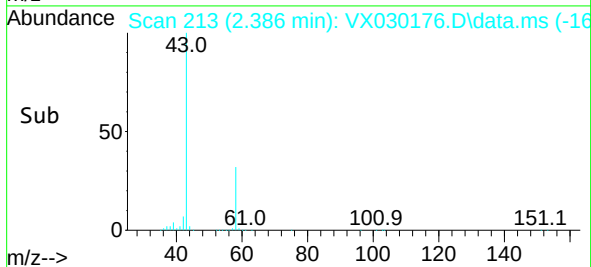
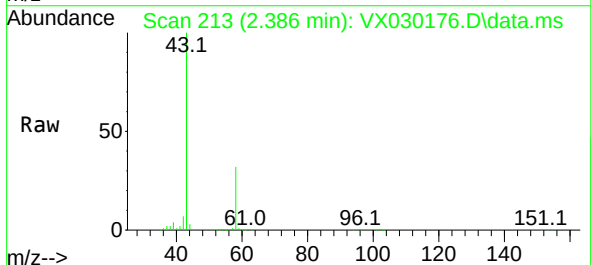
Manual Integrations
APPROVED

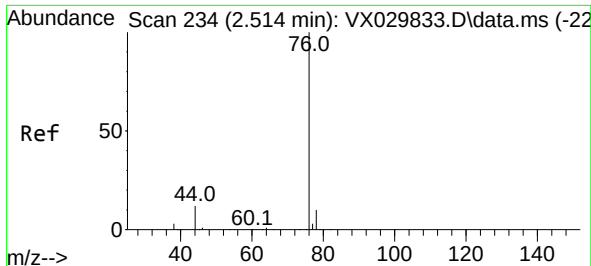
Reviewed By :John Carlone 07/25/2022
Supervised By :Mahesh Dadoda 07/25/2022



#16
Acetone
Concen: 292.973 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11

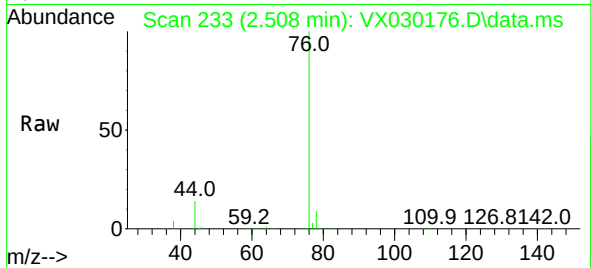
Tgt Ion: 43 Resp: 421624
Ion Ratio Lower Upper
43 100
58 32.3 27.7 41.5





#17
Carbon Disulfide
Concen: 39.160 ug/l
RT: 2.508 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11

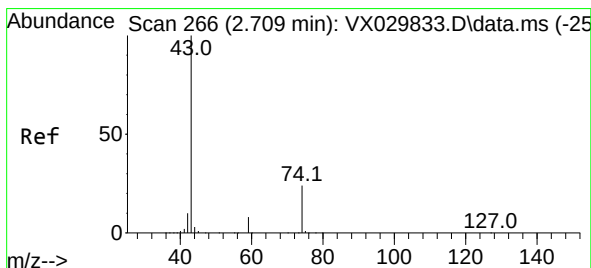
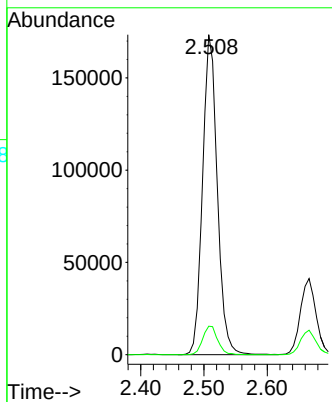
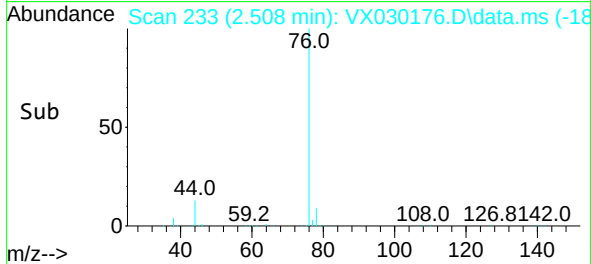
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 280720
Ion Ratio Lower Upper
76 100
78 8.9 7.8 11.6

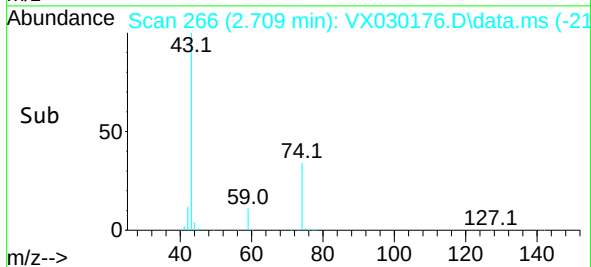
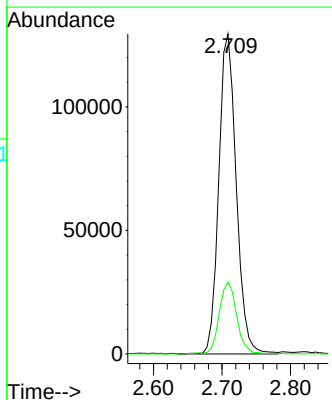
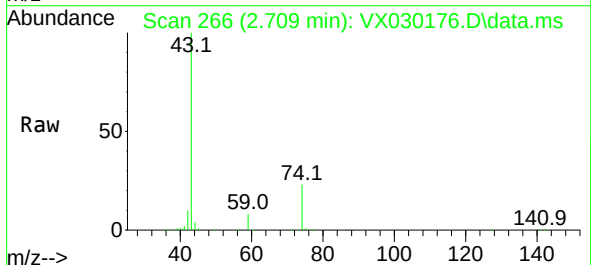
Manual Integrations
APPROVED

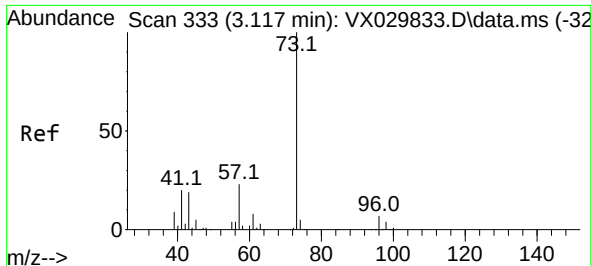
Reviewed By :John Carlone 07/25/2022
Supervised By :Mahesh Dadoda 07/25/2022



#18
Methyl Acetate
Concen: 52.172 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11

Tgt Ion: 43 Resp: 228411
Ion Ratio Lower Upper
43 100
74 22.6 19.4 29.2





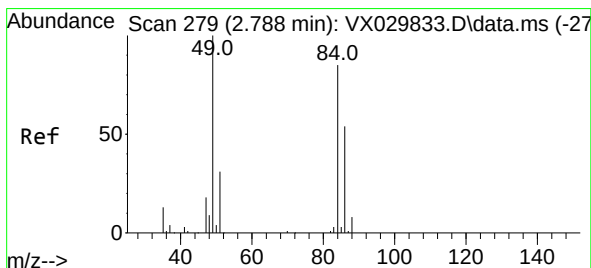
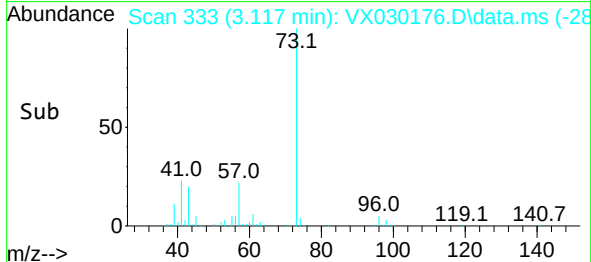
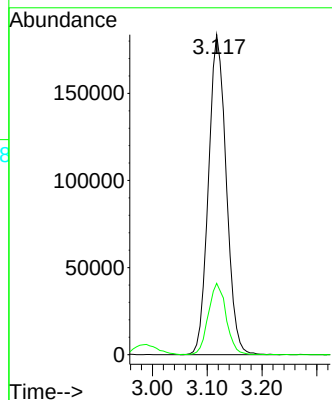
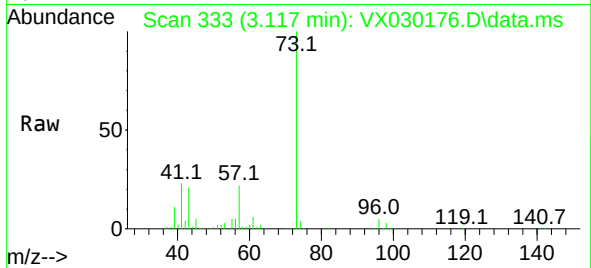
#19
Methyl tert-butyl Ether
Concen: 51.085 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 41281
Ion Ratio Lower Upper
73 100
57 22.3 19.0 28.6

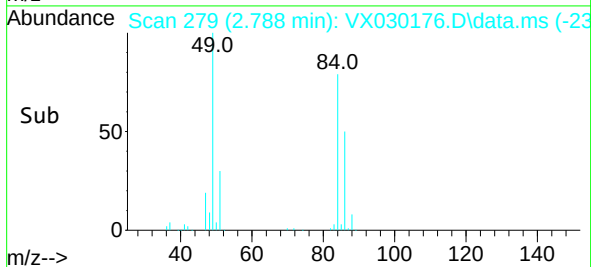
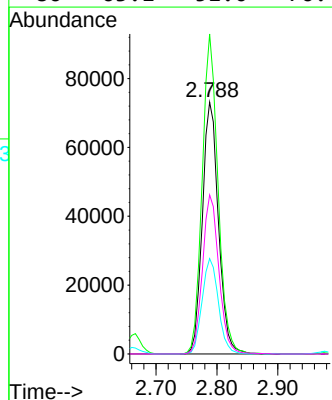
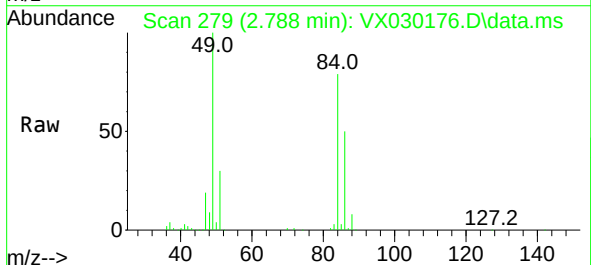
Manual Integrations
APPROVED

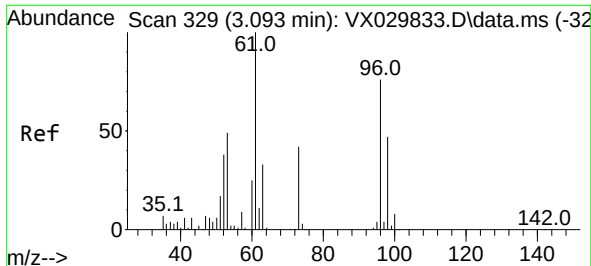
Reviewed By :John Carlone 07/25/2022
Supervised By :Mahesh Dadoda 07/25/2022



#20
Methylene Chloride
Concen: 46.071 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11

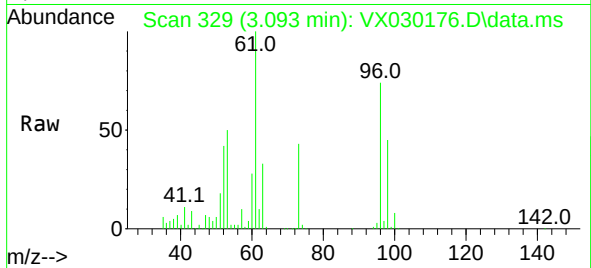
Tgt Ion: 84 Resp: 134478
Ion Ratio Lower Upper
84 100
49 127.0 93.8 140.6
51 37.9 29.4 44.0
86 63.1 51.0 76.4





#21
trans-1,2-Dichloroethene
Concen: 46.495 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11

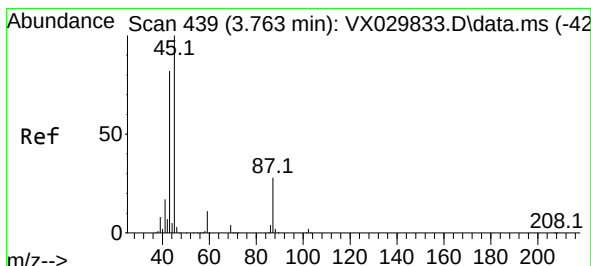
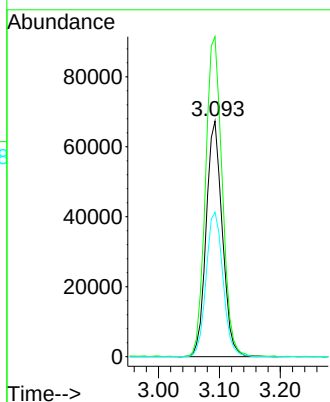
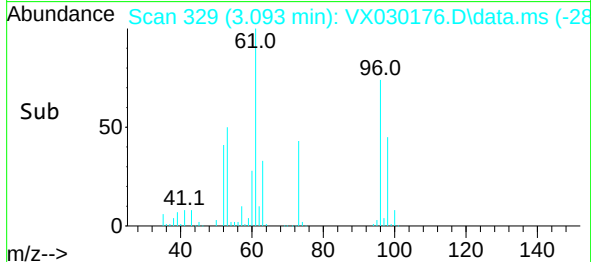
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



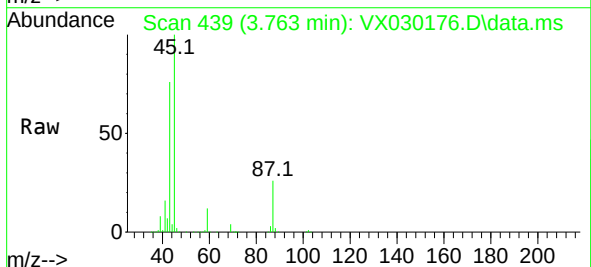
Tgt Ion: 96 Resp: 123894
Ion Ratio Lower Upper
96 100
61 135.9 105.6 158.4
98 61.4 50.1 75.1

Manual Integrations
APPROVED

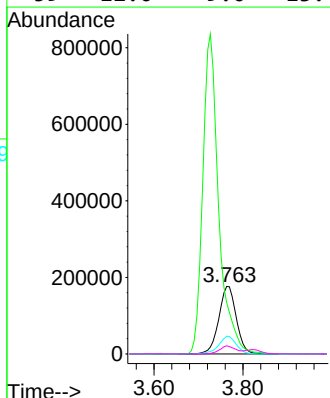
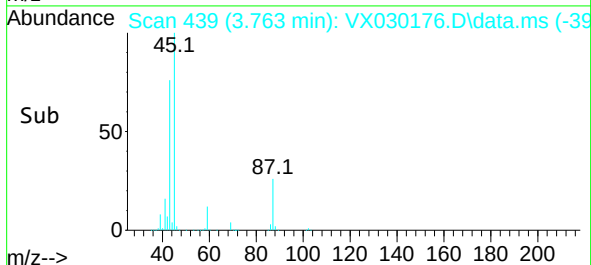
Reviewed By :John Carlone 07/25/2022
Supervised By :Mahesh Dadoda 07/25/2022

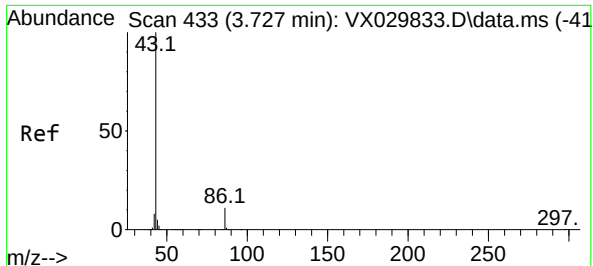


#22
Diisopropyl ether
Concen: 54.887 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11



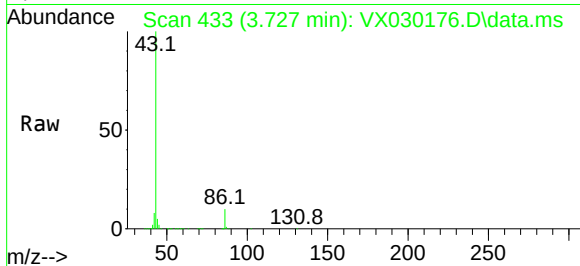
Tgt Ion: 45 Resp: 479977
Ion Ratio Lower Upper
45 100
43 76.2 65.4 98.0
87 26.3 22.3 33.5
59 12.0 9.0 13.4





#23
 Vinyl Acetate
 Concen: 282.318 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030176.D
 Acq: 22 Jul 2022 13:11

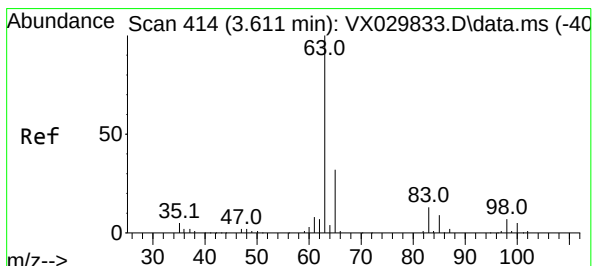
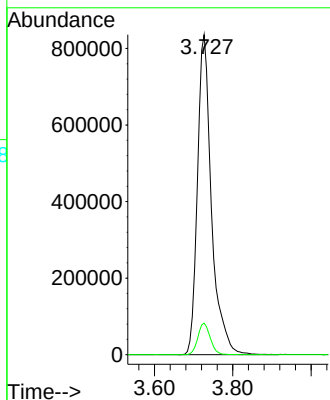
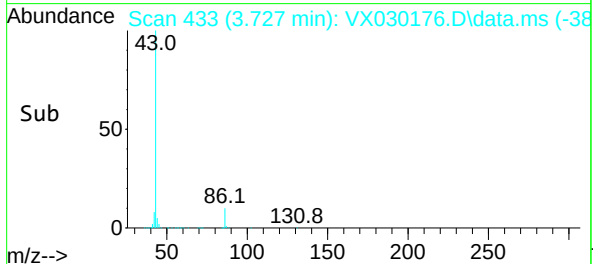
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



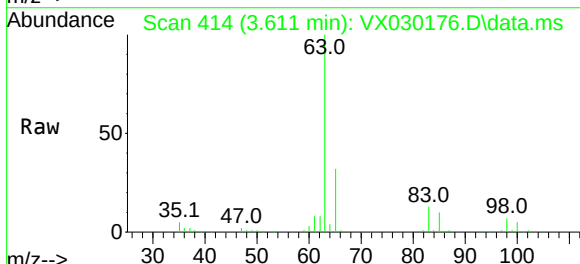
Tgt Ion: 43 Resp: 208999
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.5 12.7

Manual Integrations
 APPROVED

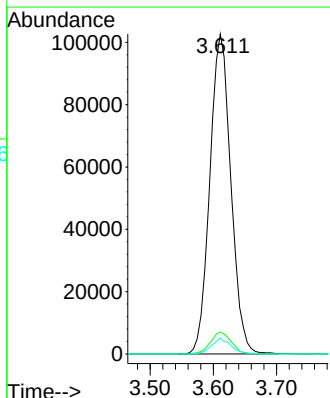
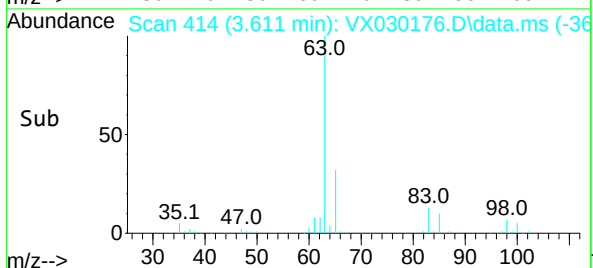
Reviewed By :John Carlone 07/25/2022
 Supervised By :Mahesh Dadoda 07/25/2022

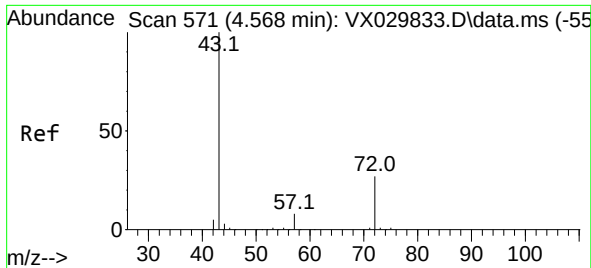


#24
 1,1-Dichloroethane
 Concen: 48.910 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX030176.D
 Acq: 22 Jul 2022 13:11



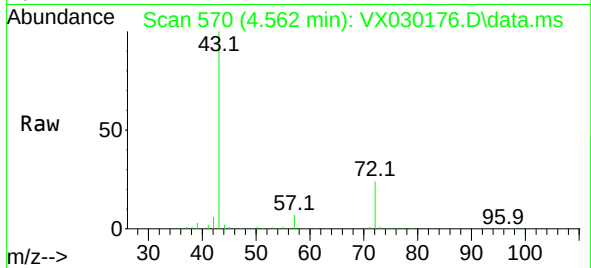
Tgt Ion: 63 Resp: 237010
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.5
 100 5.1 2.3 6.9





#25
2-Butanone
Concen: 276.730 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11

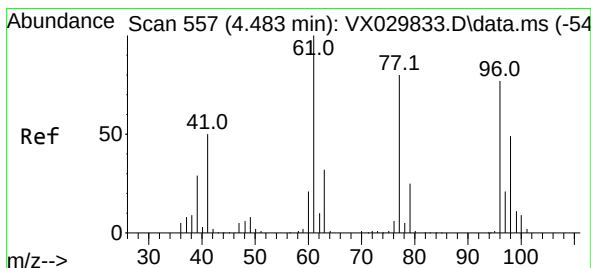
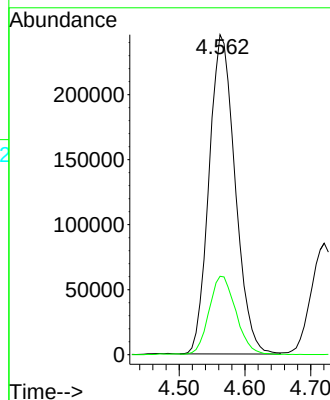
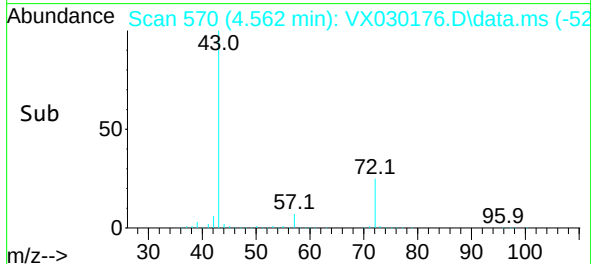
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 678392
Ion Ratio Lower Upper
43 100
72 24.4 21.7 32.5

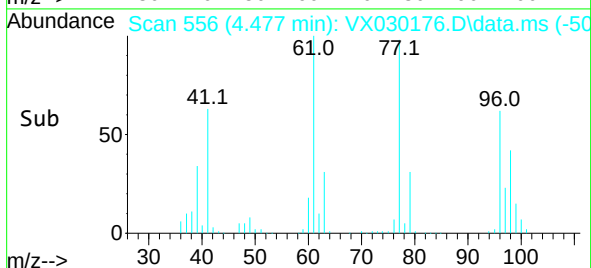
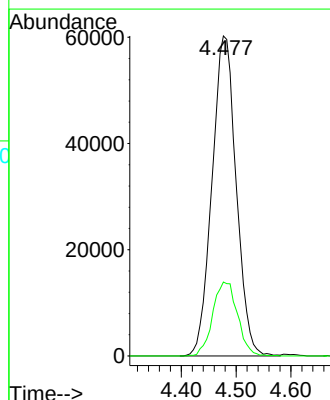
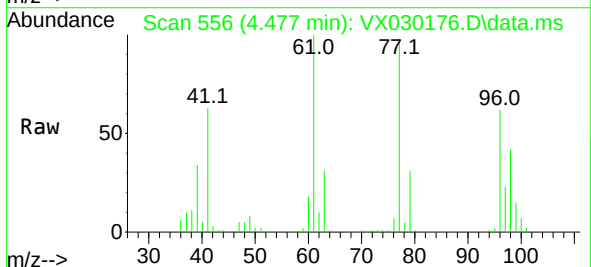
Manual Integrations
APPROVED

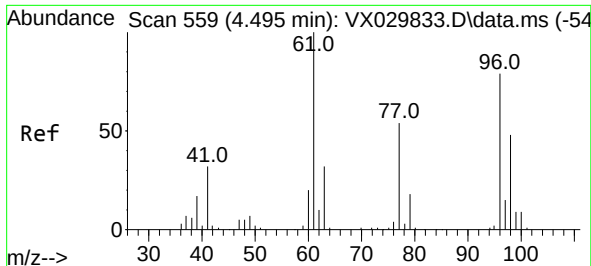
Reviewed By :John Carlone 07/25/2022
Supervised By :Mahesh Dadoda 07/25/2022



#26
2,2-Dichloropropane
Concen: 54.203 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.006 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11

Tgt Ion: 77 Resp: 184506
Ion Ratio Lower Upper
77 100
97 23.7 13.0 39.0





#27

cis-1,2-Dichloroethene

Concen: 45.691 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX030176.D

Acq: 22 Jul 2022 13:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 149098

Ion Ratio Lower Upper

96 100

61 144.4 0.0 270.0

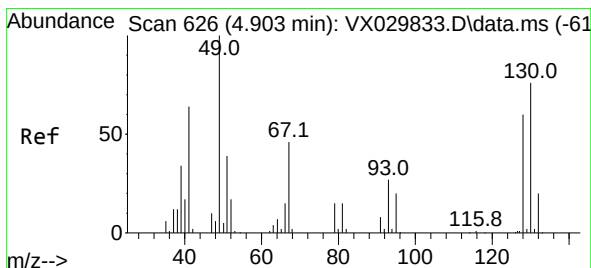
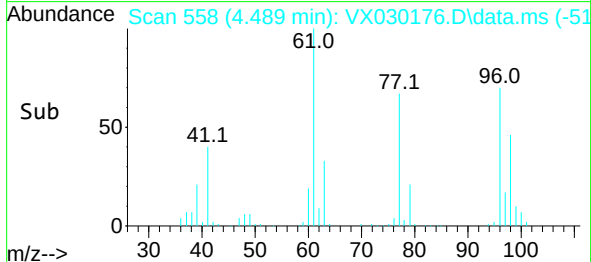
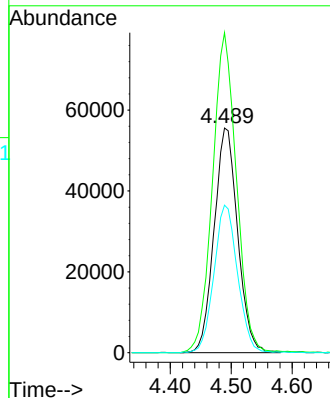
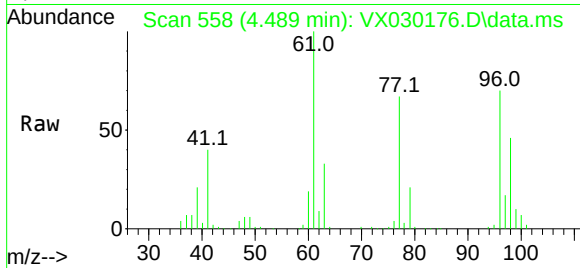
98 65.9 0.0 127.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2022

Supervised By :Mahesh Dadoda 07/25/2022



#28

Bromochloromethane

Concen: 55.043 ug/l

RT: 4.903 min Scan# 626

Delta R.T. 0.000 min

Lab File: VX030176.D

Acq: 22 Jul 2022 13:11

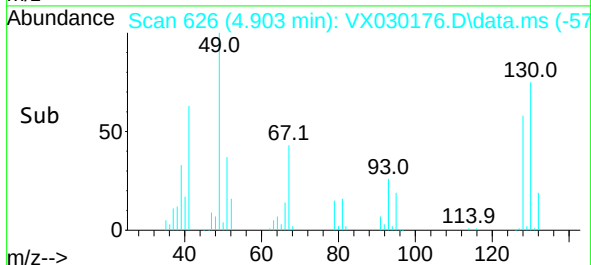
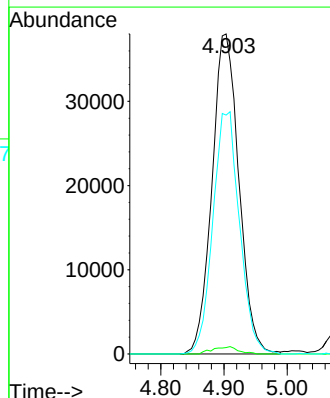
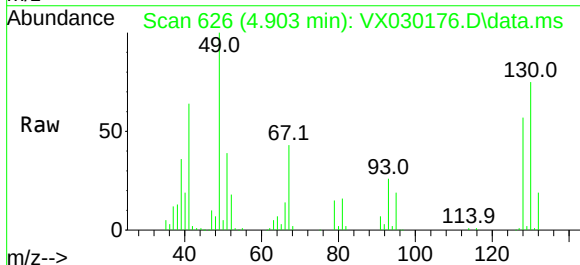
Tgt Ion: 49 Resp: 112212

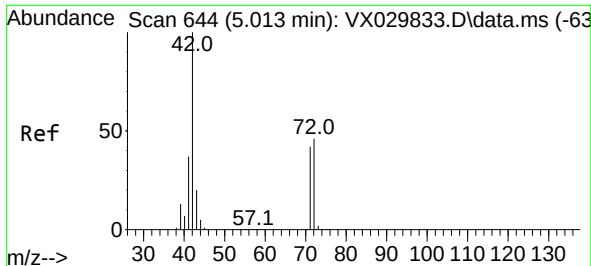
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.4

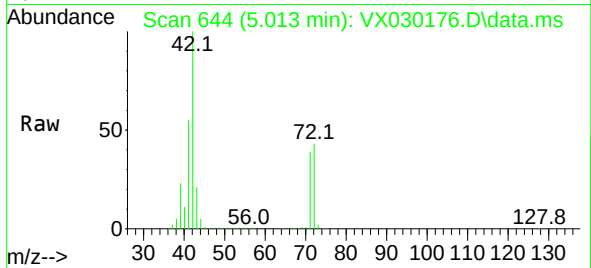
130 75.1 62.8 94.2





#29
Tetrahydrofuran
Concen: 262.232 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.000 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11

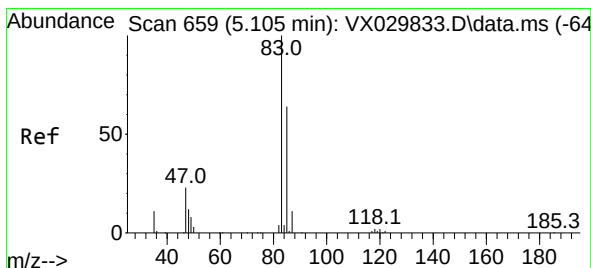
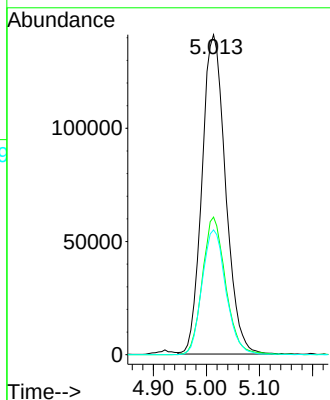
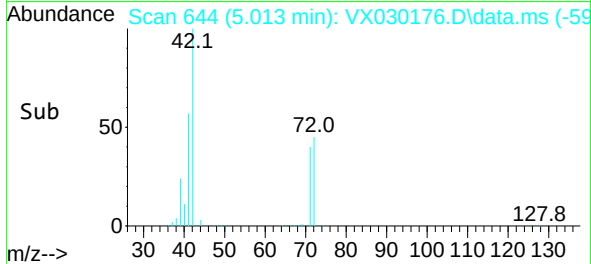
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



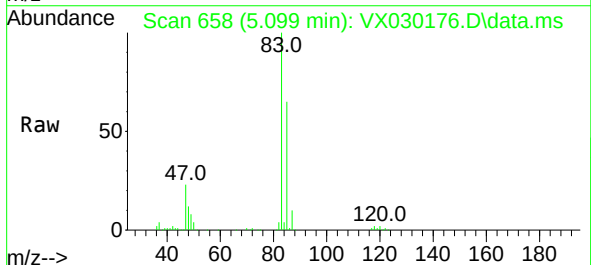
Tgt Ion: 42 Resp: 436270
Ion Ratio Lower Upper
42 100
72 42.5 36.5 54.7
71 39.5 33.9 50.9

Manual Integrations
APPROVED

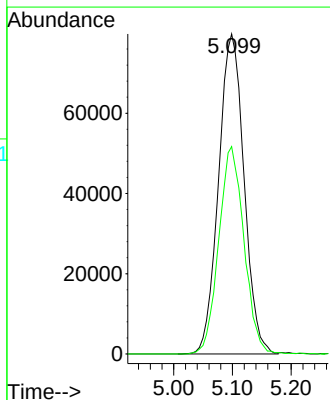
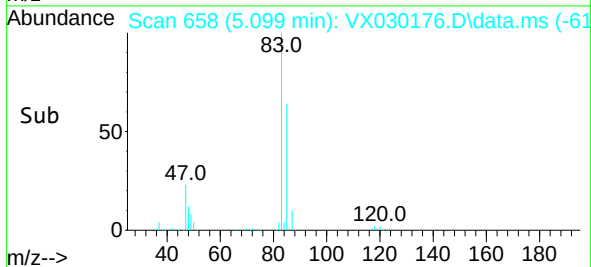
Reviewed By :John Carlone 07/25/2022
Supervised By :Mahesh Dadoda 07/25/2022

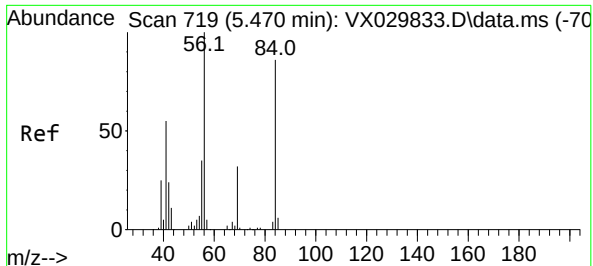


#30
Chloroform
Concen: 49.732 ug/l
RT: 5.099 min Scan# 658
Delta R.T. -0.006 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11



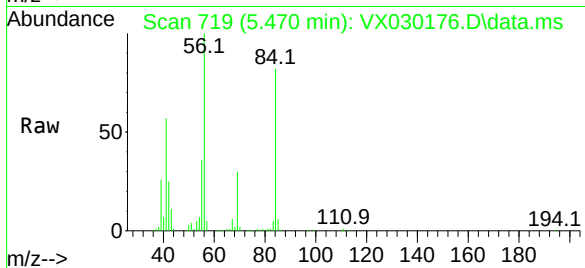
Tgt Ion: 83 Resp: 240162
Ion Ratio Lower Upper
83 100
85 64.8 51.5 77.3





#31
Cyclohexane
Concen: 48.977 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11

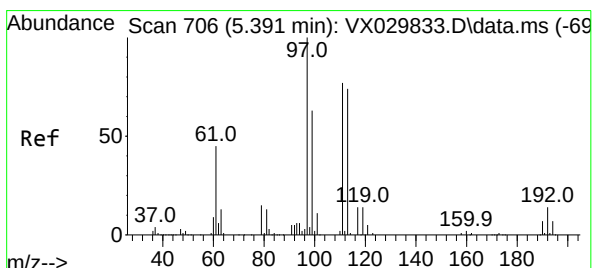
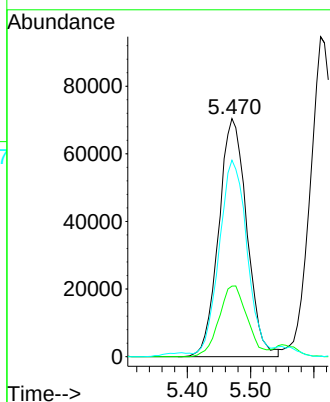
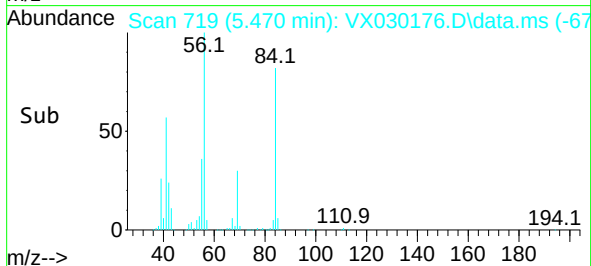
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



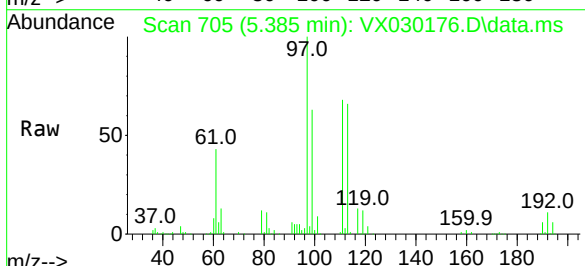
Tgt Ion: 56 Resp: 21684
Ion Ratio Lower Upper
56 100
69 29.7 25.4 38.0
84 80.9 68.9 103.3

Manual Integrations
APPROVED

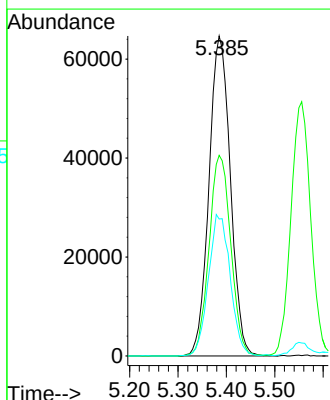
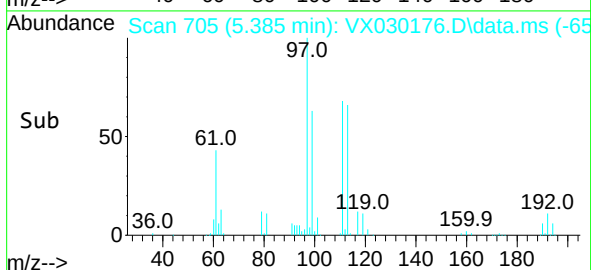
Reviewed By :John Carlone 07/25/2022
Supervised By :Mahesh Dadoda 07/25/2022

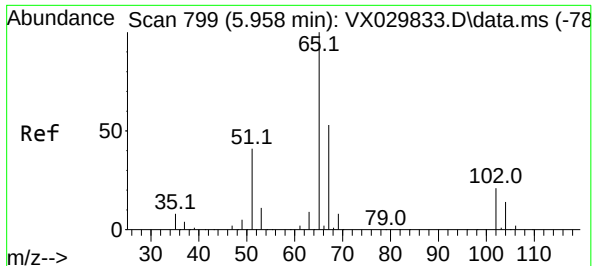


#32
1,1,1-Trichloroethane
Concen: 50.261 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11



Tgt Ion: 97 Resp: 198375
Ion Ratio Lower Upper
97 100
99 63.8 51.4 77.0
61 45.1 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 50.694 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX030176.D

Acq: 22 Jul 2022 13:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 154820

Ion Ratio Lower Upper

65 100

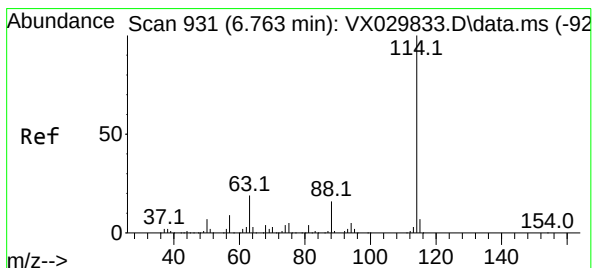
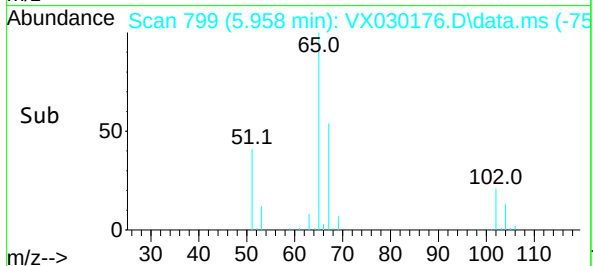
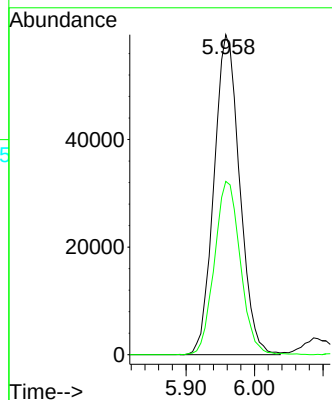
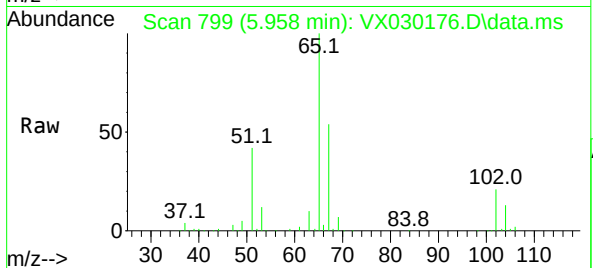
67 54.6 0.0 109.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2022

Supervised By :Mahesh Dadoda 07/25/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX030176.D

Acq: 22 Jul 2022 13:11

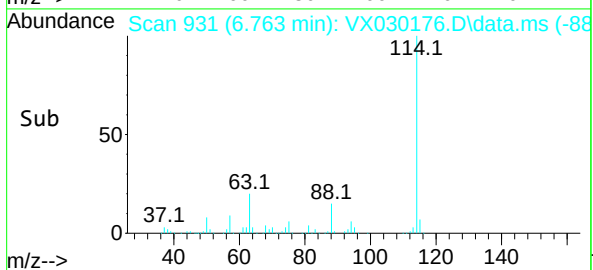
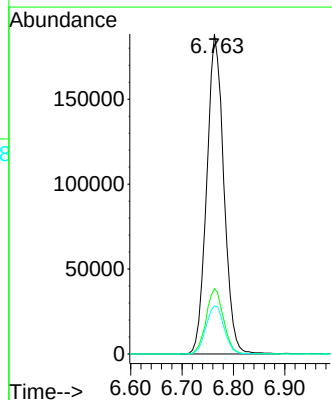
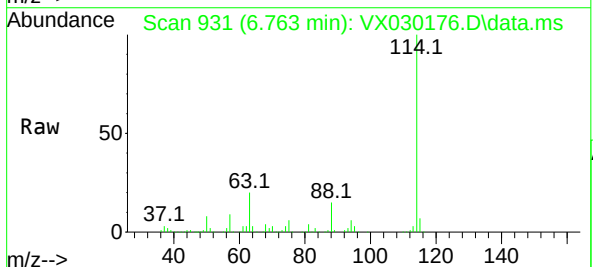
Tgt Ion:114 Resp: 434299

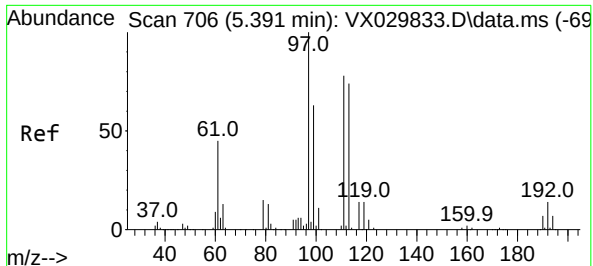
Ion Ratio Lower Upper

114 100

63 20.4 0.0 38.4

88 15.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 46.352 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030176.D

Acq: 22 Jul 2022 13:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 12860

Ion Ratio Lower Upper

113 100

111 102.3 83.2 124.8

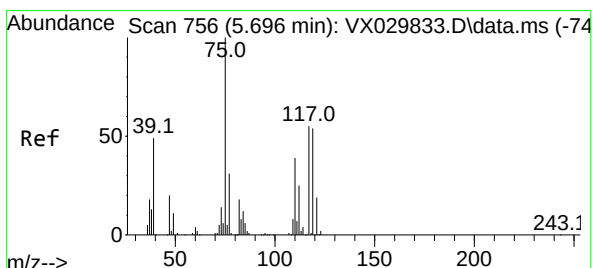
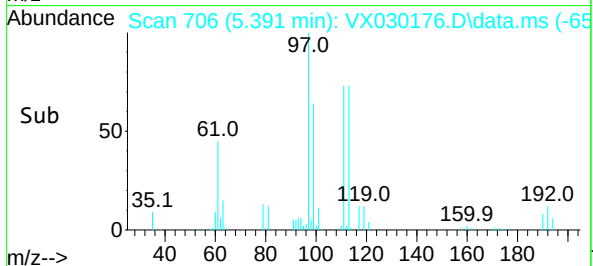
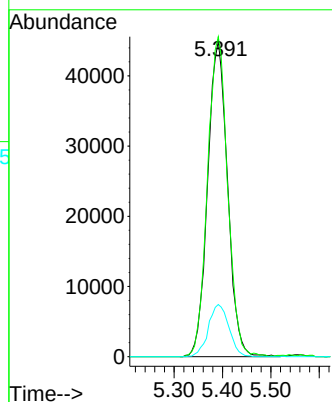
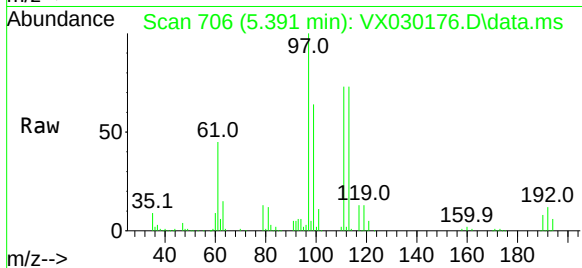
192 17.0 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2022

Supervised By :Mahesh Dadoda 07/25/2022



#36

1,1-Dichloropropene

Concen: 49.091 ug/l

RT: 5.690 min Scan# 755

Delta R.T. -0.006 min

Lab File: VX030176.D

Acq: 22 Jul 2022 13:11

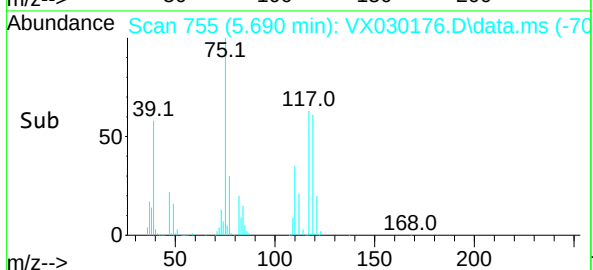
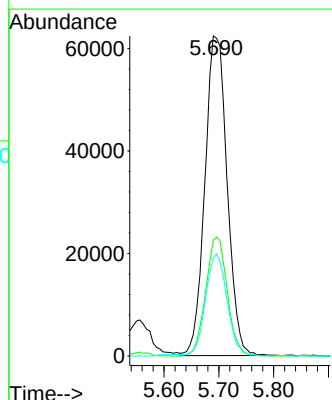
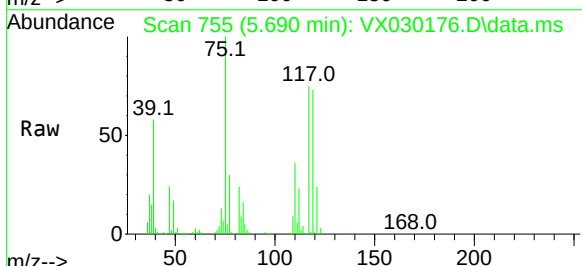
Tgt Ion: 75 Resp: 175929

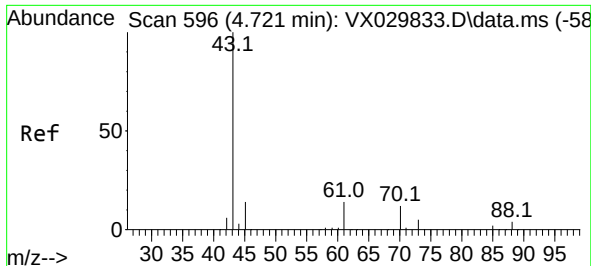
Ion Ratio Lower Upper

75 100

110 36.0 19.3 57.9

77 31.3 24.4 36.6





#37

Ethyl Acetate

Concen: 53.141 ug/l

RT: 4.721 min Scan# 596

Delta R.T. -0.000 min

Lab File: VX030176.D

Acq: 22 Jul 2022 13:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 244715

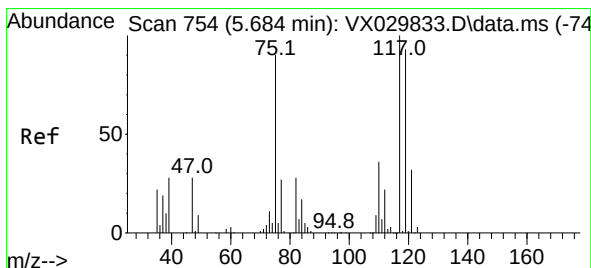
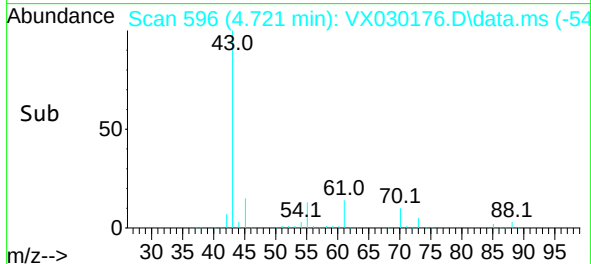
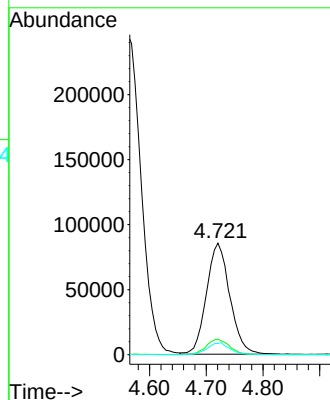
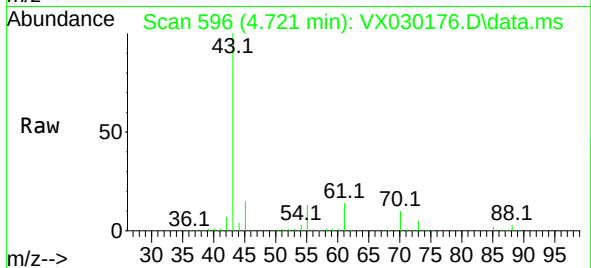
Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.7	17.5
70	10.3	9.3	13.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2022

Supervised By :Mahesh Dadoda 07/25/2022



#38

Carbon Tetrachloride

Concen: 49.565 ug/l

RT: 5.678 min Scan# 753

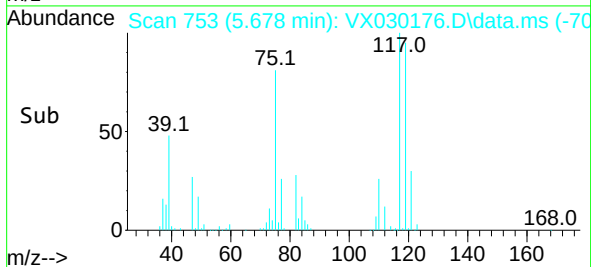
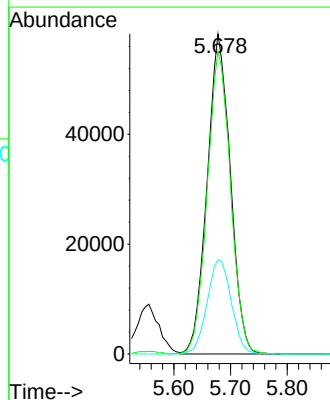
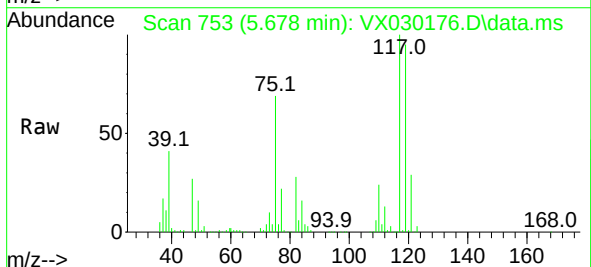
Delta R.T. -0.006 min

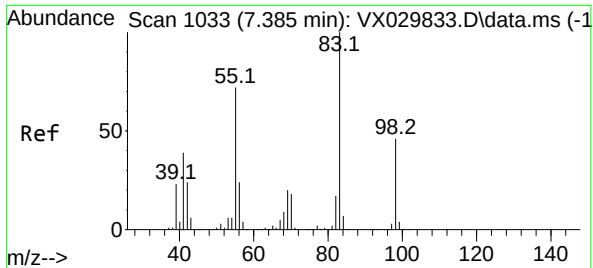
Lab File: VX030176.D

Acq: 22 Jul 2022 13:11

Tgt Ion:117 Resp: 165645

Ion	Ratio	Lower	Upper
117	100		
119	94.3	74.1	111.1
121	29.4	25.8	38.8





#39

Methylcyclohexane

Concen: 48.466 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX030176.D

Acq: 22 Jul 2022 13:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

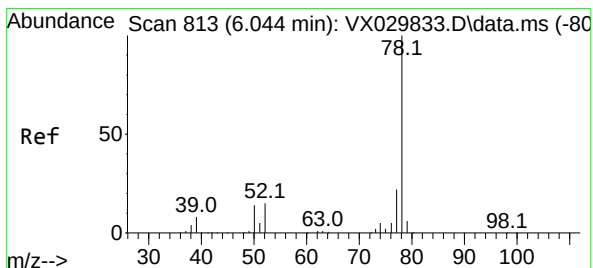
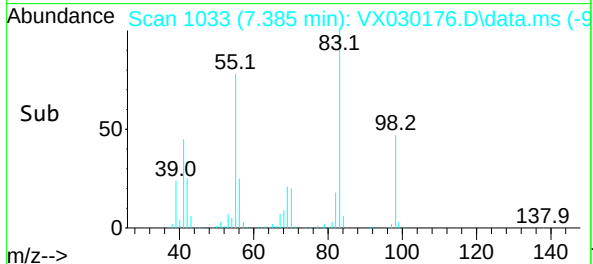
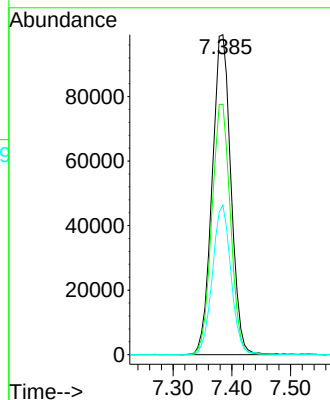
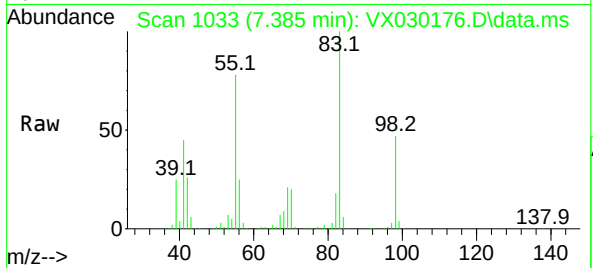
Tgt Ion: 83 Resp: 220184
 Ion Ratio Lower Upper
 83 100
 55 78.3 57.7 86.5
 98 46.7 36.5 54.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2022

Supervised By :Mahesh Dadoda 07/25/2022



#40

Benzene

Concen: 48.154 ug/l

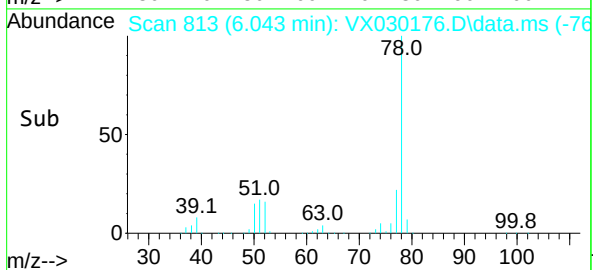
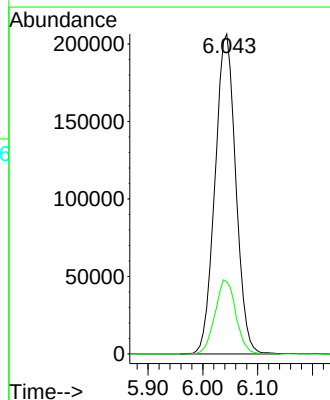
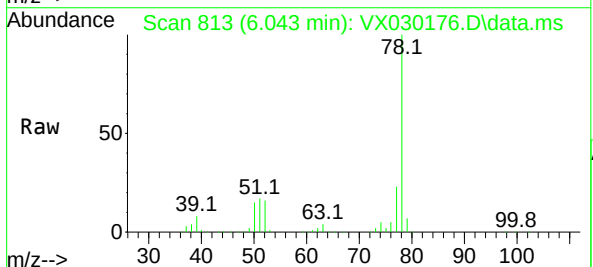
RT: 6.043 min Scan# 813

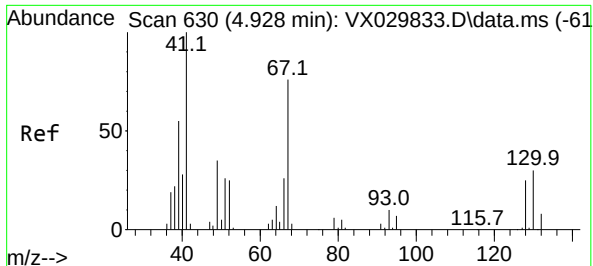
Delta R.T. -0.001 min

Lab File: VX030176.D

Acq: 22 Jul 2022 13:11

Tgt Ion: 78 Resp: 543161
 Ion Ratio Lower Upper
 78 100
 77 22.6 18.0 27.0





#41
Methacrylonitrile
Concen: 53.607 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

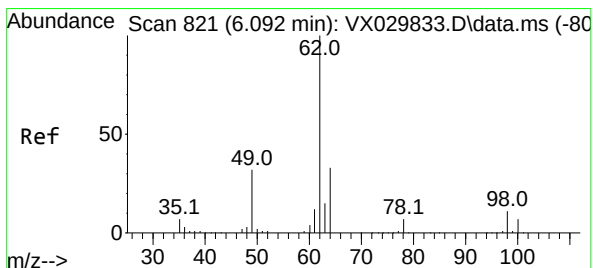
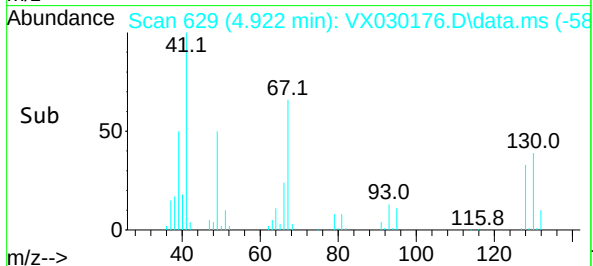
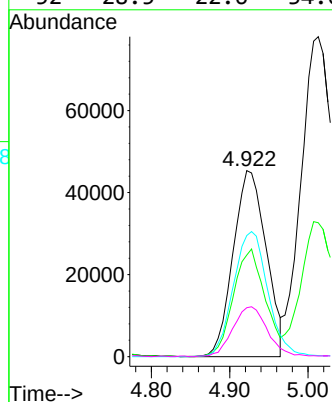
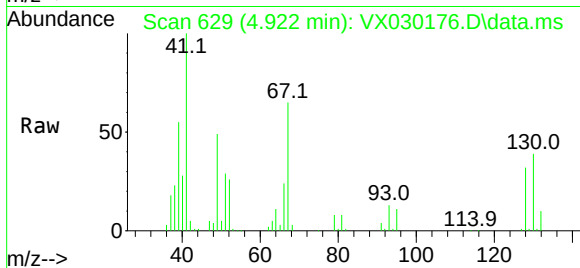
Tgt Ion: 41 Resp: 13292
Ion Ratio Lower Upper
41 100
39 55.5 42.9 64.3
67 70.4 60.1 90.1
52 28.5 22.6 34.0

Manual Integrations

APPROVED

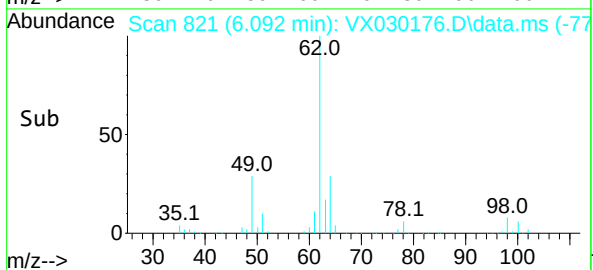
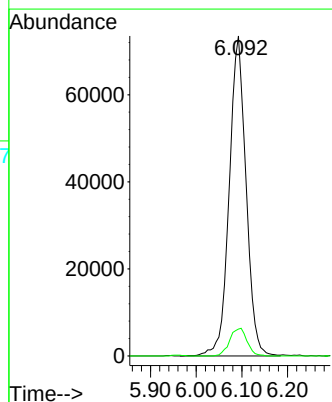
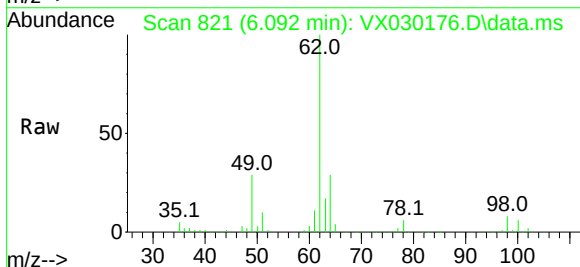
Reviewed By :John Carlone 07/25/2022

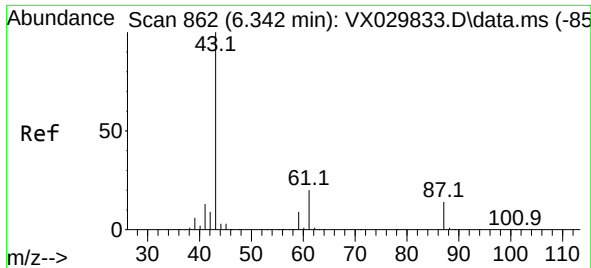
Supervised By :Mahesh Dadoda 07/25/2022



#42
1,2-Dichloroethane
Concen: 53.752 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11

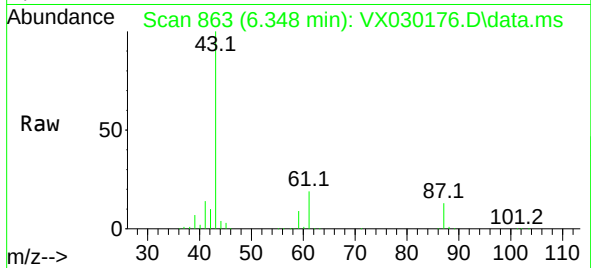
Tgt Ion: 62 Resp: 187905
Ion Ratio Lower Upper
62 100
98 8.9 0.0 20.2





#43
Isopropyl Acetate
Concen: 53.656 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11

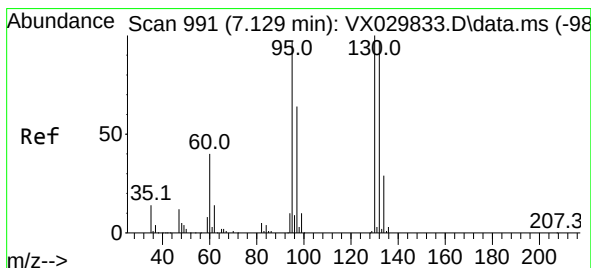
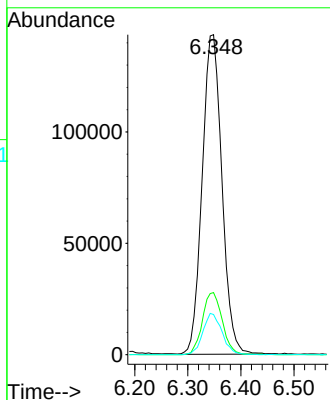
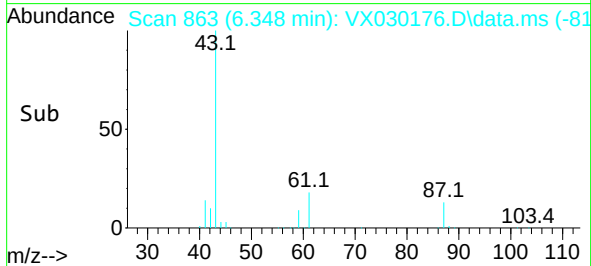
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 371540
Ion Ratio Lower Upper
43 100
61 19.5 16.5 24.7
87 12.5 11.1 16.7

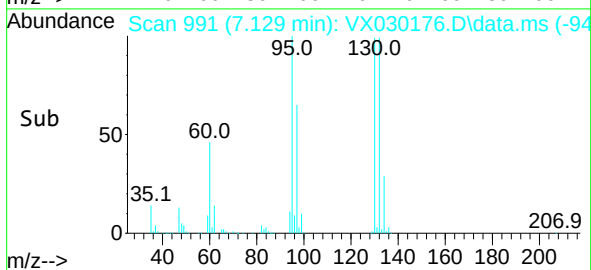
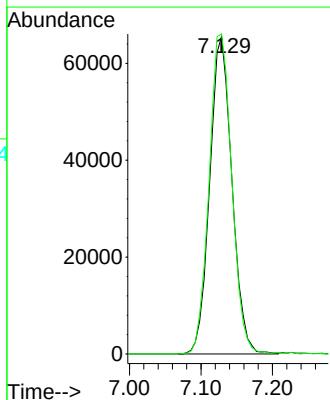
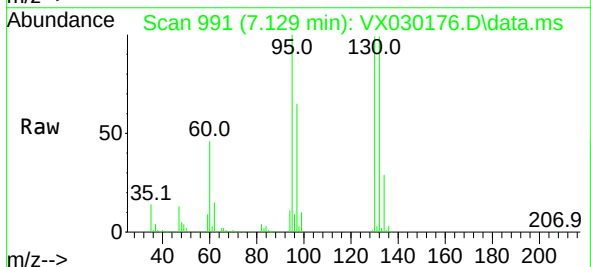
Manual Integrations
APPROVED

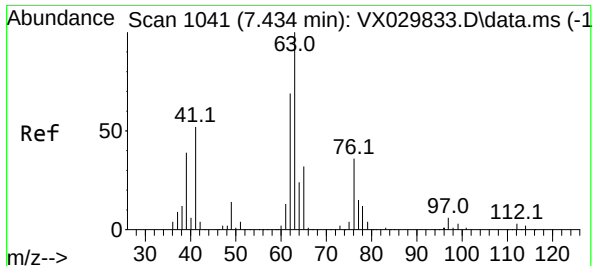
Reviewed By :John Carlone 07/25/2022
Supervised By :Mahesh Dadoda 07/25/2022



#44
Trichloroethene
Concen: 42.873 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11

Tgt Ion:130 Resp: 141314
Ion Ratio Lower Upper
130 100
95 100.7 0.0 194.8





#45

1,2-Dichloropropane

Concen: 50.064 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.001 min

Lab File: VX030176.D

Acq: 22 Jul 2022 13:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 14678

Ion Ratio Lower Upper

63 100

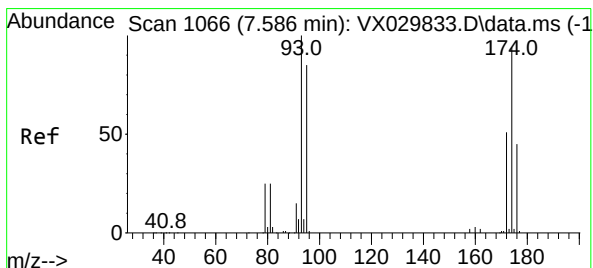
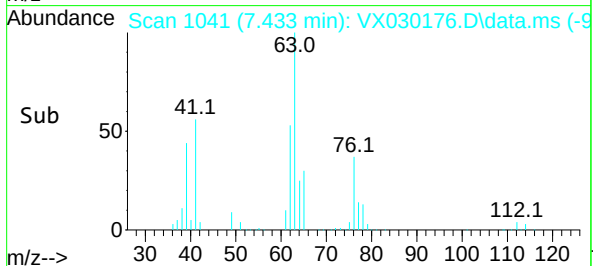
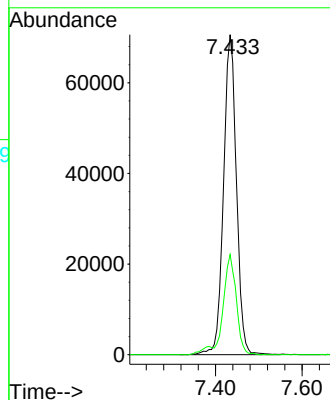
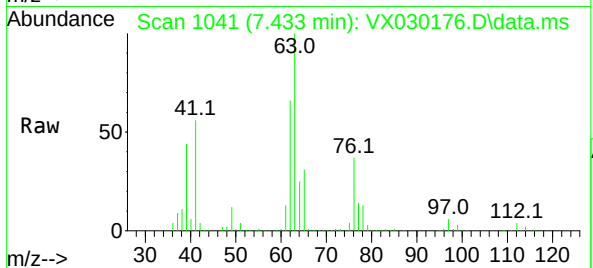
65 31.3 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2022

Supervised By :Mahesh Dadoda 07/25/2022



#46

Dibromomethane

Concen: 47.926 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VX030176.D

Acq: 22 Jul 2022 13:11

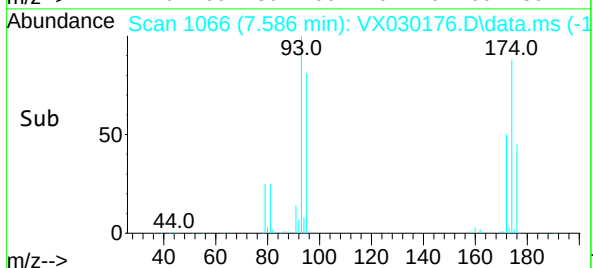
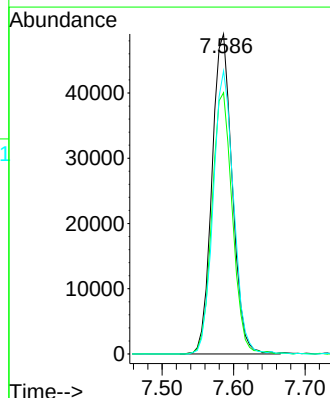
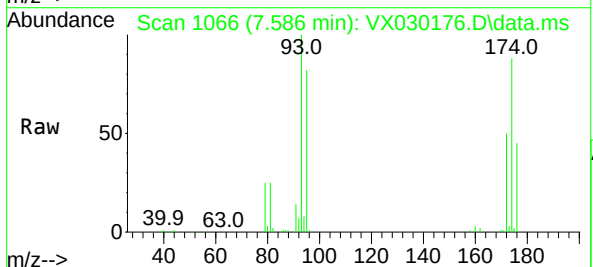
Tgt Ion: 93 Resp: 96712

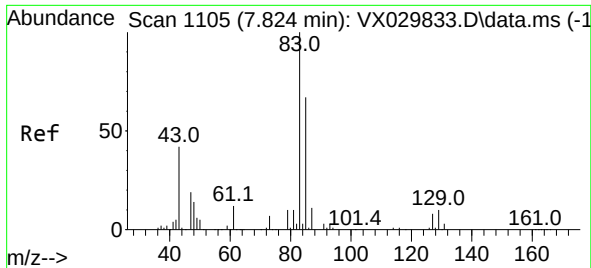
Ion Ratio Lower Upper

93 100

95 81.9 67.4 101.0

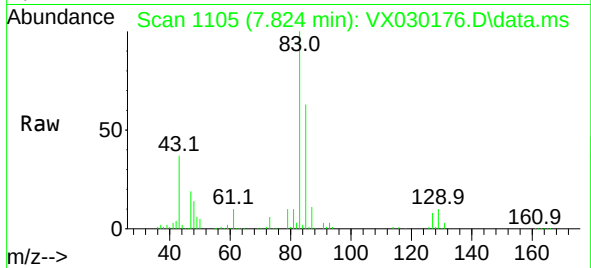
174 88.9 75.6 113.4





#47
Bromodichloromethane
Concen: 50.179 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11

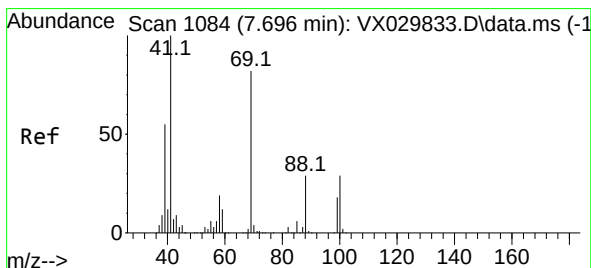
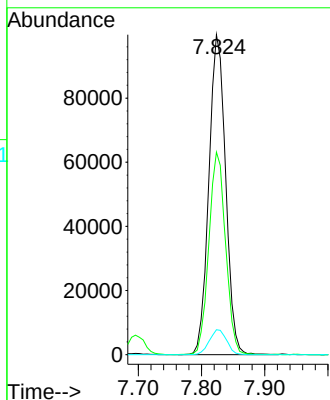
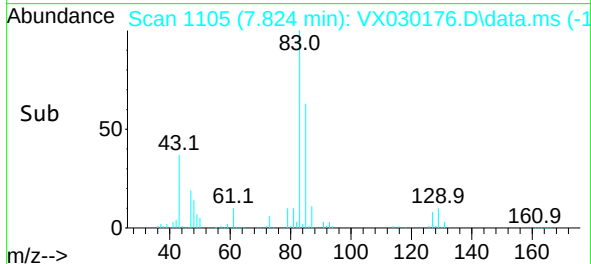
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 18373
Ion Ratio Lower Upper
83 100
85 63.2 53.5 80.3
127 7.8 6.6 10.0

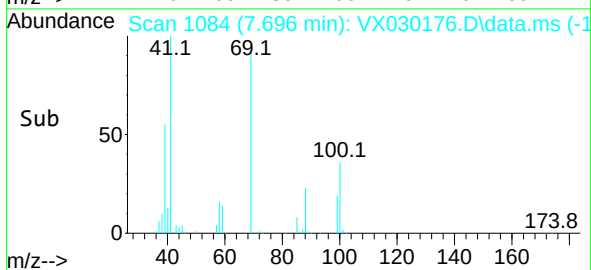
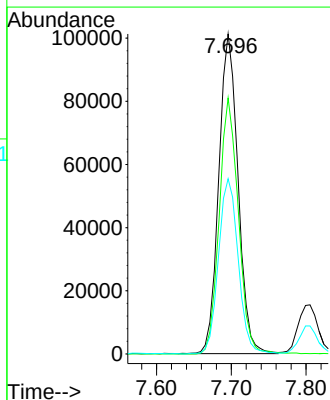
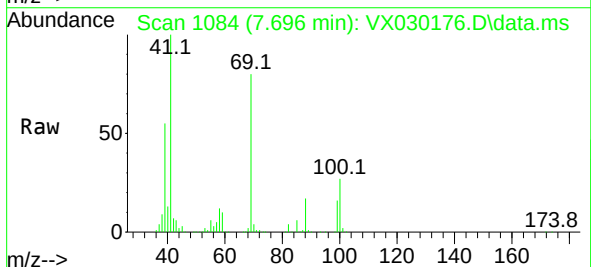
Manual Integrations
APPROVED

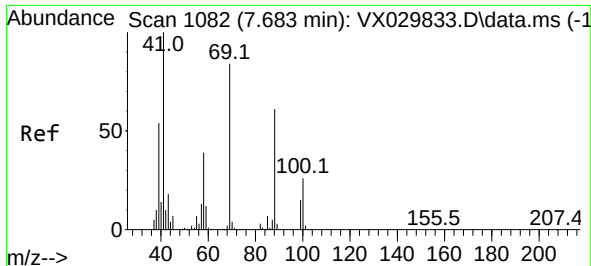
Reviewed By :John Carlone 07/25/2022
Supervised By :Mahesh Dadoda 07/25/2022



#48
Methyl methacrylate
Concen: 56.808 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11

Tgt Ion: 41 Resp: 181507
Ion Ratio Lower Upper
41 100
69 79.8 68.8 103.2
39 56.3 44.6 66.8





#49

1,4-Dioxane

Concen: 938.832 ug/l

RT: 7.677 min Scan# 1082

Delta R.T. -0.006 min

Lab File: VX030176.D

Acq: 22 Jul 2022 13:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 7793

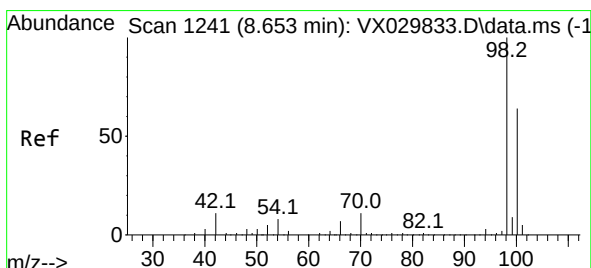
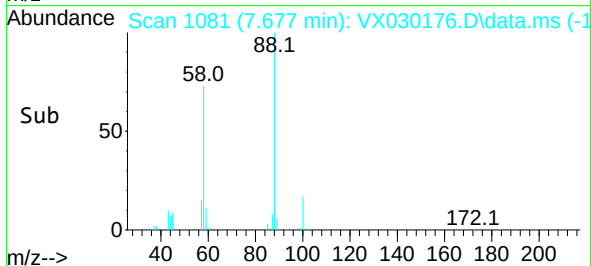
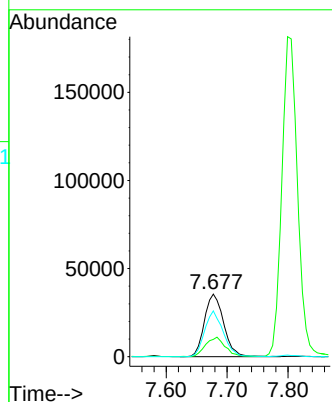
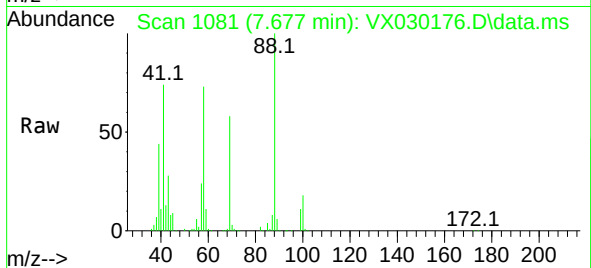
Ion	Ratio	Lower	Upper
88	100		
43	31.6	23.8	35.8
58	71.0	53.8	80.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2022

Supervised By :Mahesh Dadoda 07/25/2022



#50

Toluene-d8

Concen: 46.633 ug/l

RT: 8.653 min Scan# 1241

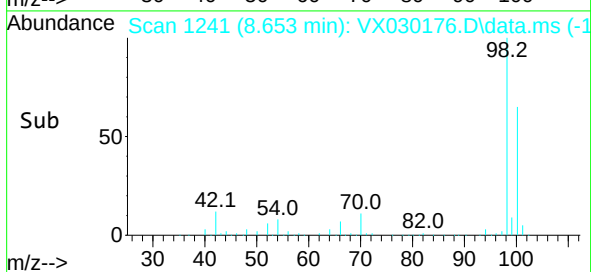
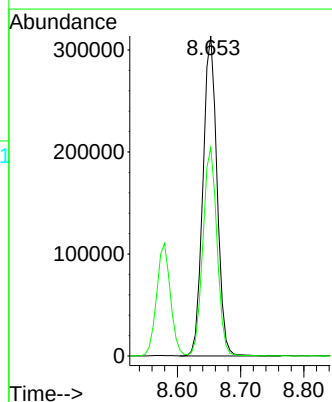
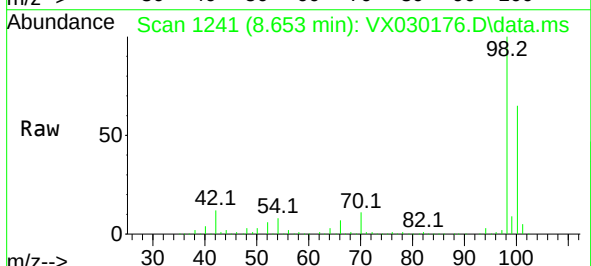
Delta R.T. -0.000 min

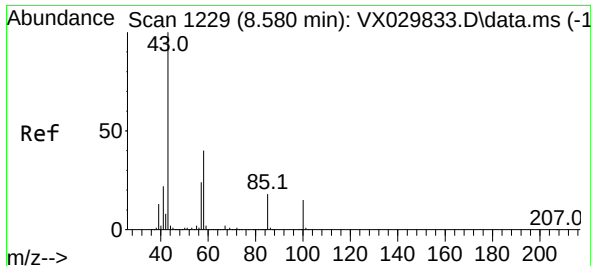
Lab File: VX030176.D

Acq: 22 Jul 2022 13:11

Tgt Ion: 98 Resp: 486597

Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.3	78.5





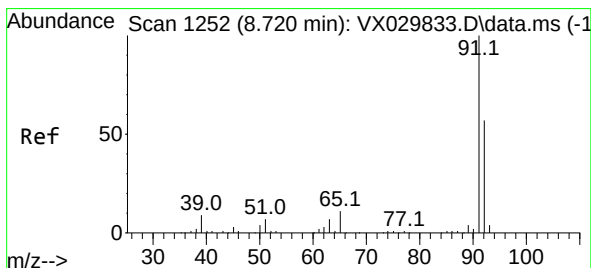
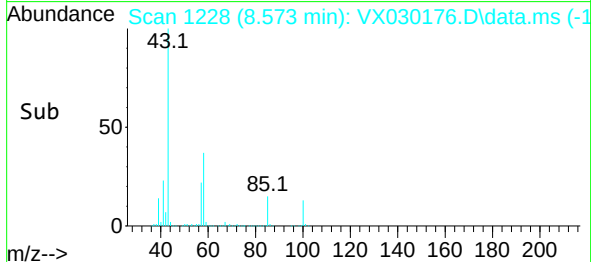
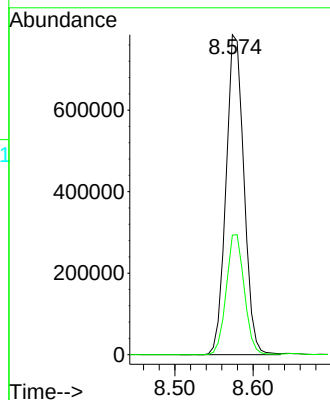
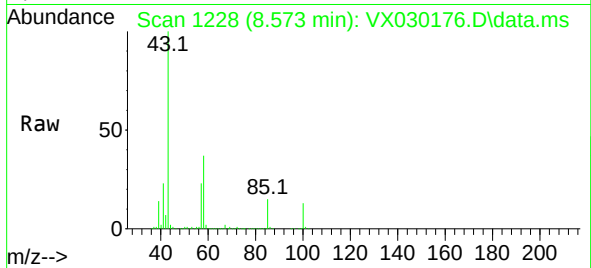
#51
4-Methyl-2-Pentanone
Concen: 272.835 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.007 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 125020
Ion Ratio Lower Upper
43 100
58 37.7 31.4 47.2

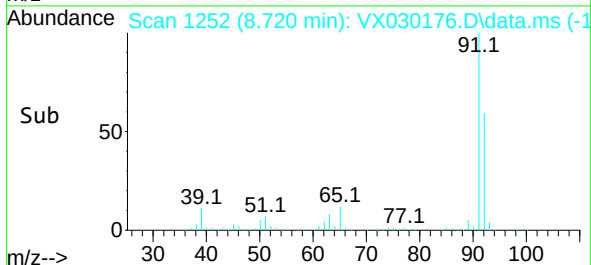
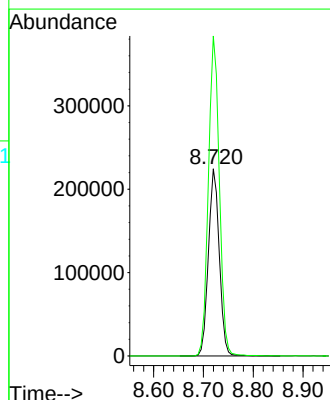
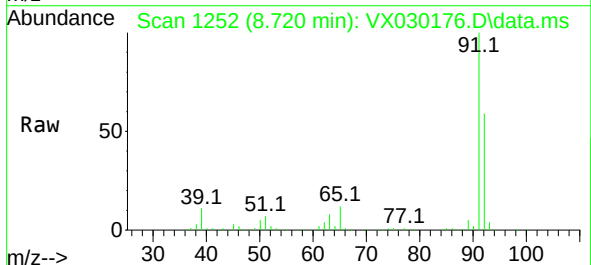
Manual Integrations
APPROVED

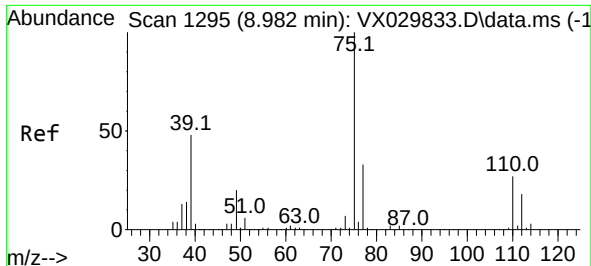
Reviewed By :John Carlone 07/25/2022
Supervised By :Mahesh Dadoda 07/25/2022



#52
Toluene
Concen: 47.401 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11

Tgt Ion: 92 Resp: 339520
Ion Ratio Lower Upper
92 100
91 172.4 139.2 208.8





#53
t-1,3-Dichloropropene
Concen: 52.821 ug/l
RT: 8.982 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11

Instrument :

MSVOA_X

ClientSampleId :

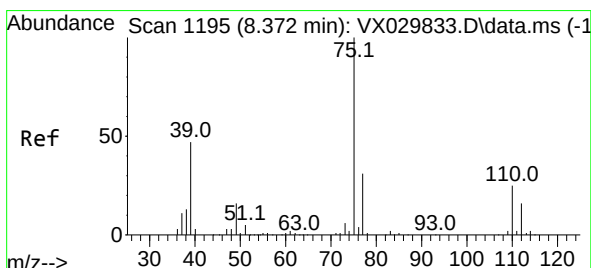
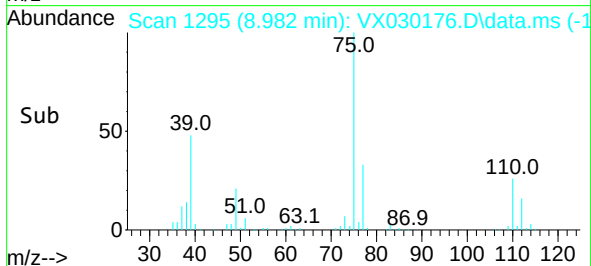
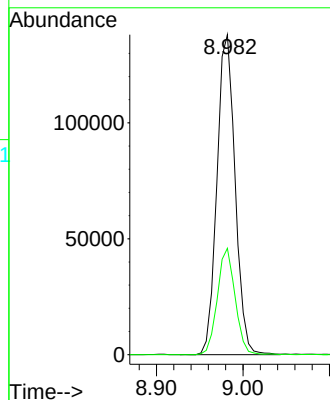
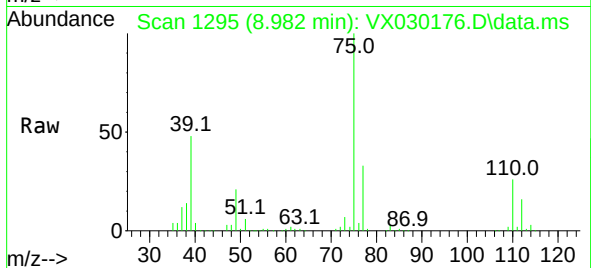
VSTDCCC050

Tgt Ion: 75 Resp: 200898
Ion Ratio Lower Upper
75 100
77 33.3 26.3 39.5

Manual Integrations

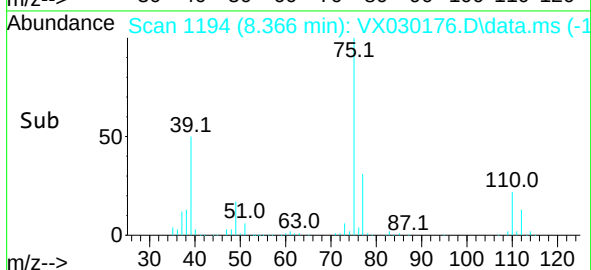
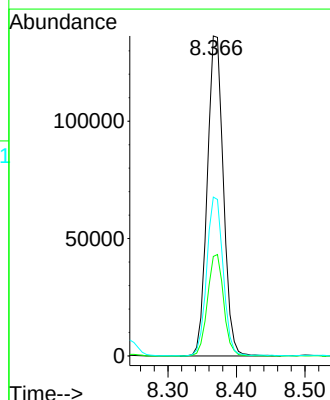
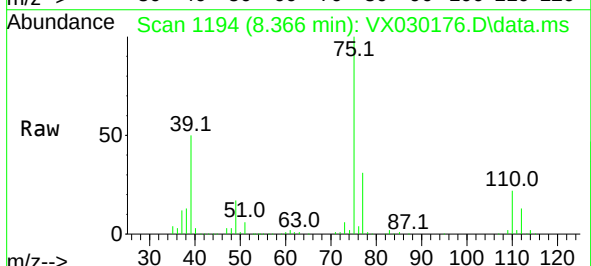
APPROVED

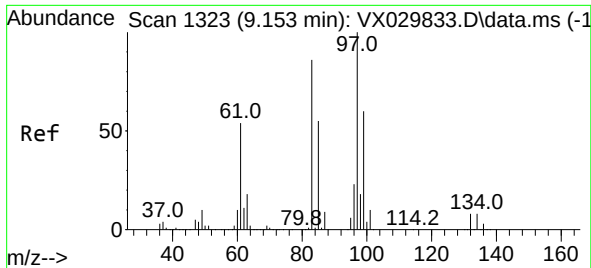
Reviewed By :John Carlone 07/25/2022
Supervised By :Mahesh Dadoda 07/25/2022



#54
cis-1,3-Dichloropropene
Concen: 51.178 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.006 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11

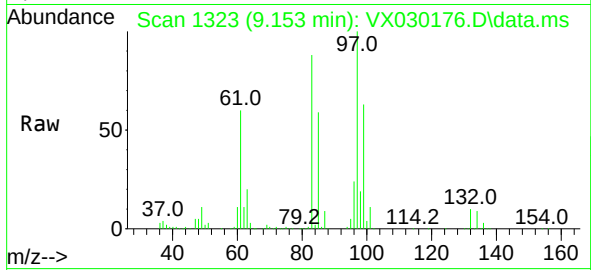
Tgt Ion: 75 Resp: 222993
Ion Ratio Lower Upper
75 100
77 31.1 25.0 37.4
39 49.6 37.5 56.3





#55
1,1,2-Trichloroethane
Concen: 47.568 ug/l
RT: 9.153 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11

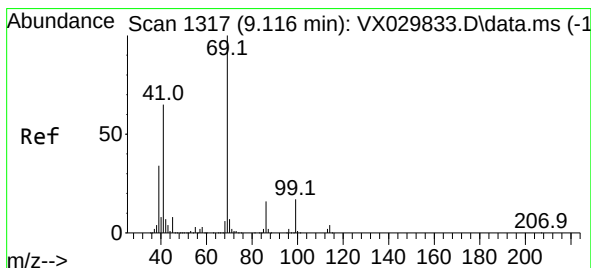
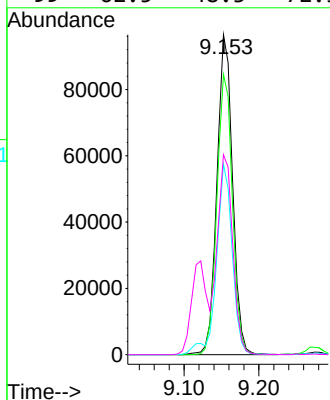
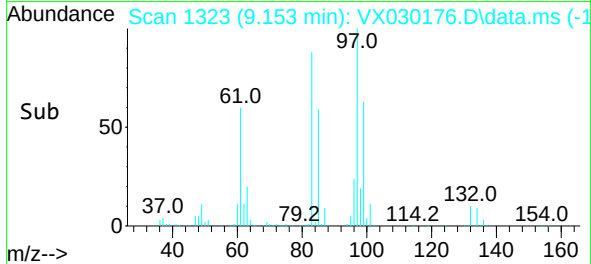
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



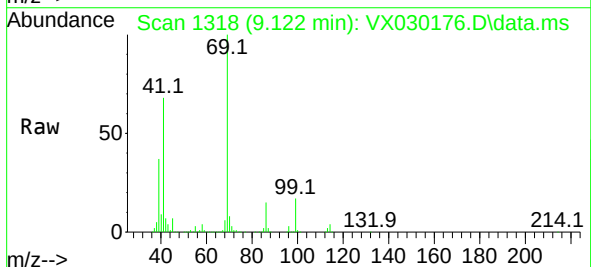
Tgt Ion: 97 Resp: 140504
Ion Ratio Lower Upper
97 100
83 87.6 68.9 103.3
85 59.4 44.0 66.0
99 62.5 48.3 72.5

Manual Integrations
APPROVED

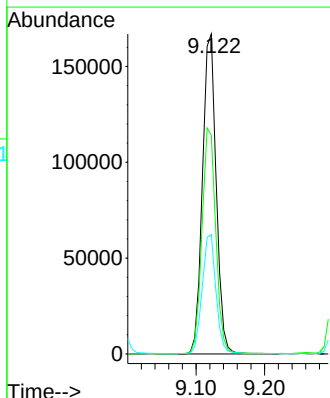
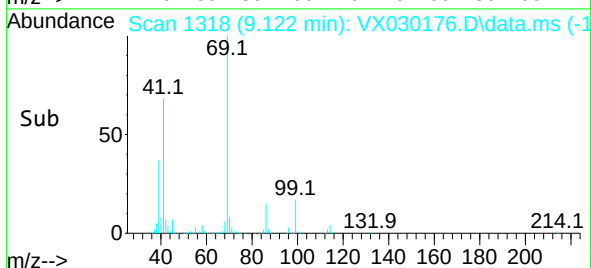
Reviewed By :John Carlone 07/25/2022
Supervised By :Mahesh Dadoda 07/25/2022

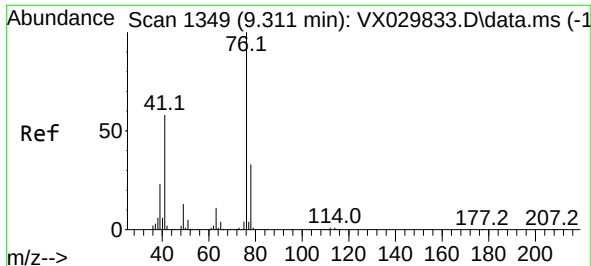


#56
Ethyl methacrylate
Concen: 52.600 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11



Tgt Ion: 69 Resp: 233593
Ion Ratio Lower Upper
69 100
41 71.2 52.3 78.5
39 37.5 28.2 42.4





#57

1,3-Dichloropropane

Concen: 49.919 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.000 min

Lab File: VX030176.D

Acq: 22 Jul 2022 13:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 23423

Ion Ratio Lower Upper

76 100

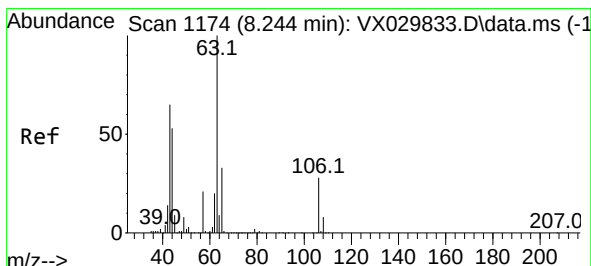
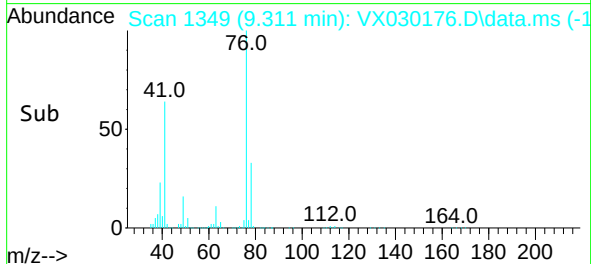
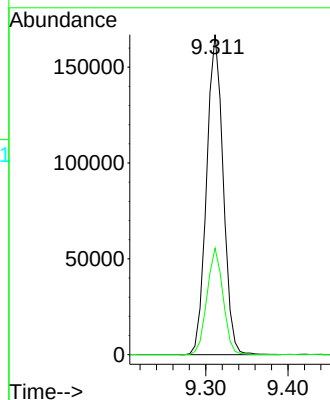
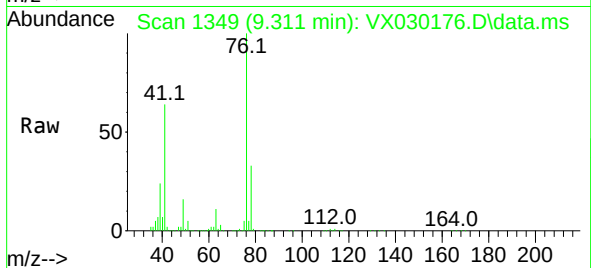
78 32.2 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2022

Supervised By :Mahesh Dadoda 07/25/2022



#58

2-Chloroethyl Vinyl ether

Concen: 194.807 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX030176.D

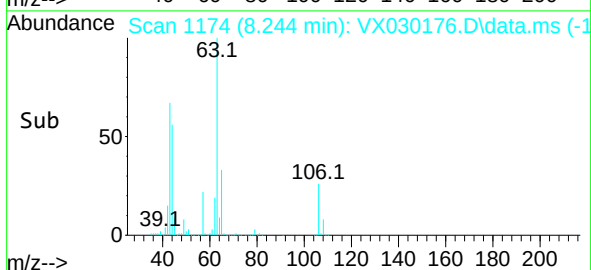
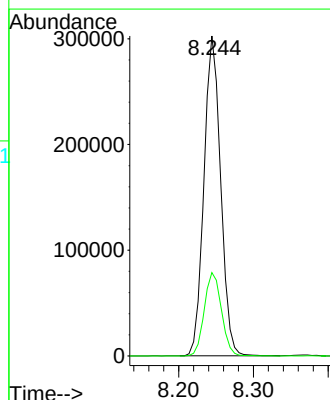
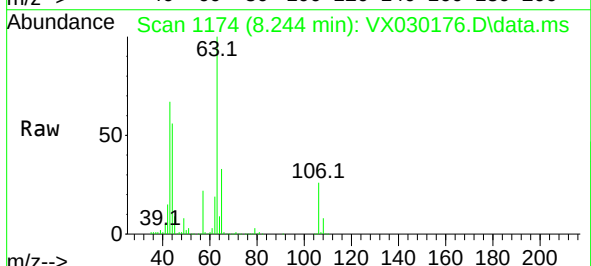
Acq: 22 Jul 2022 13:11

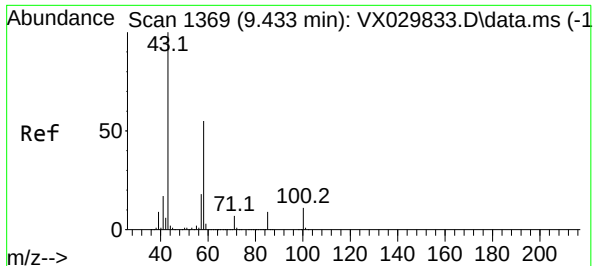
Tgt Ion: 63 Resp: 469767

Ion Ratio Lower Upper

63 100

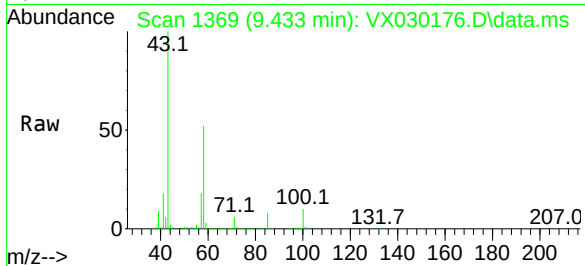
106 26.7 22.2 33.2





#59
2-Hexanone
Concen: 282.787 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11

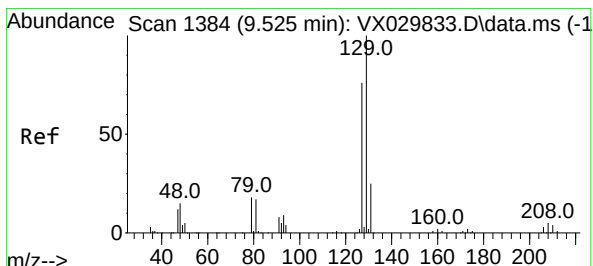
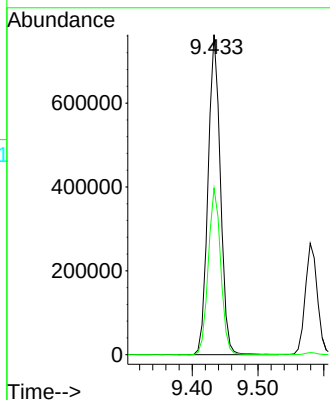
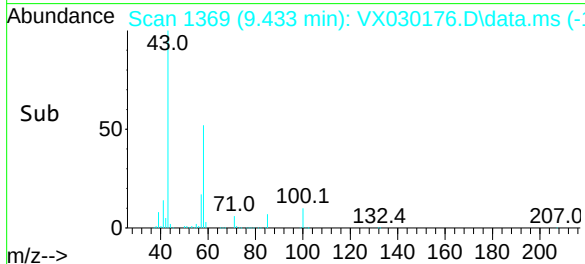
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 993698
Ion Ratio Lower Upper
43 100
58 52.6 27.6 82.8

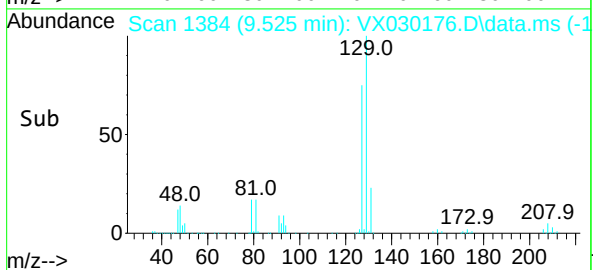
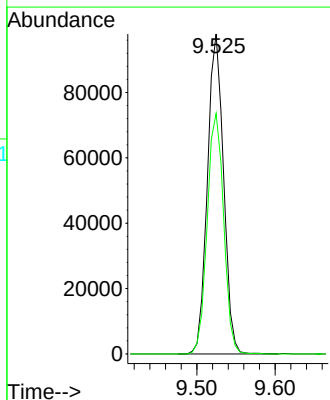
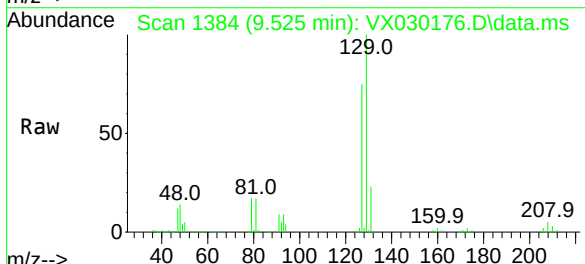
Manual Integrations
APPROVED

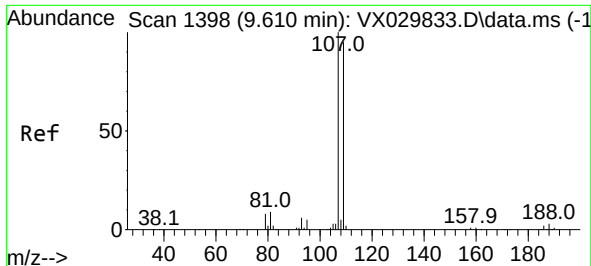
Reviewed By :John Carlone 07/25/2022
Supervised By :Mahesh Dadoda 07/25/2022



#60
Dibromochloromethane
Concen: 48.534 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11

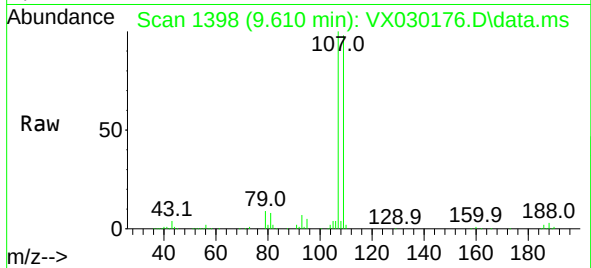
Tgt Ion:129 Resp: 139663
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.5





#61
1,2-Dibromoethane
Concen: 47.332 ug/l
RT: 9.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11

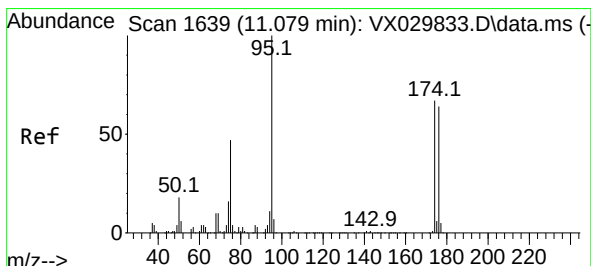
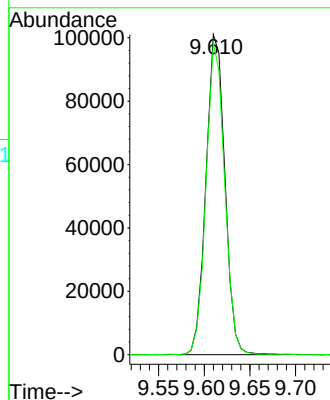
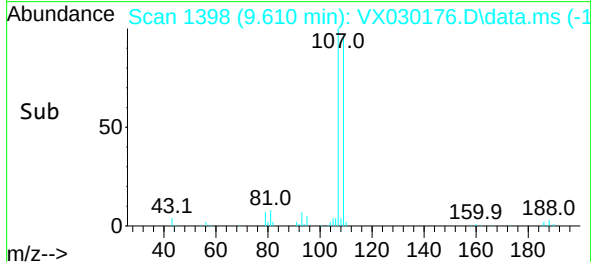
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



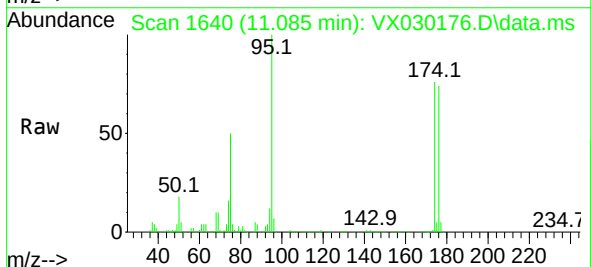
Tgt Ion:107 Resp: 14550
Ion Ratio Lower Upper
107 100
109 96.0 76.6 114.8

Manual Integrations
APPROVED

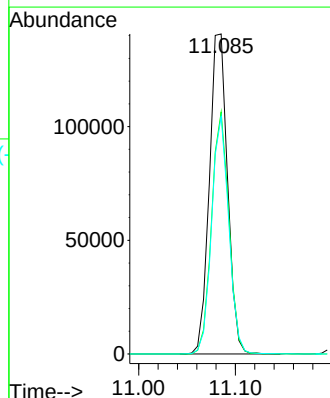
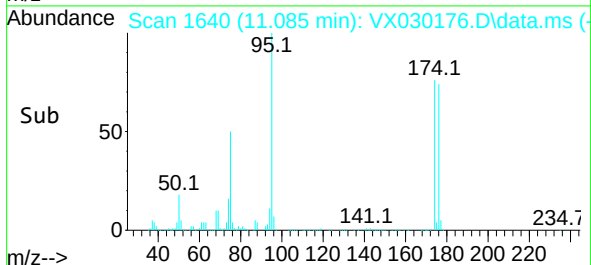
Reviewed By :John Carlone 07/25/2022
Supervised By :Mahesh Dadoda 07/25/2022

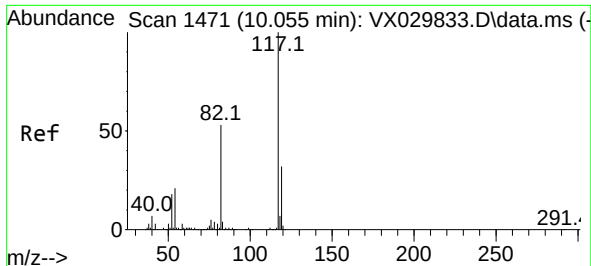


#62
4-Bromofluorobenzene
Concen: 50.705 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11



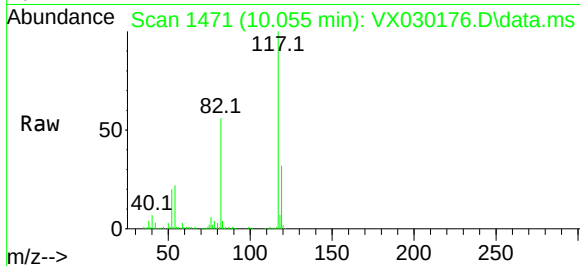
Tgt Ion: 95 Resp: 183609
Ion Ratio Lower Upper
95 100
174 71.9 0.0 149.0
176 69.9 0.0 146.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11

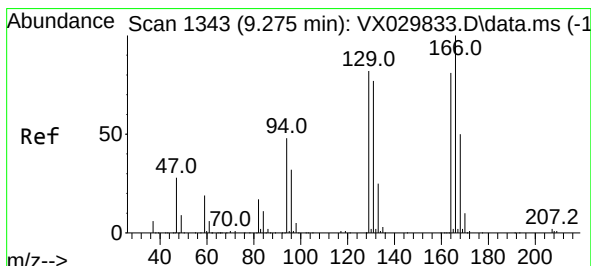
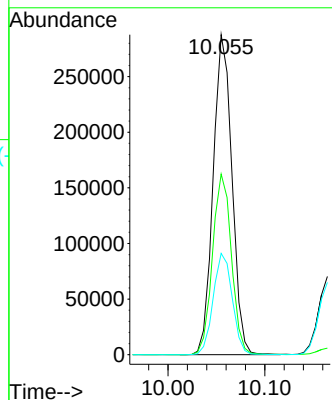
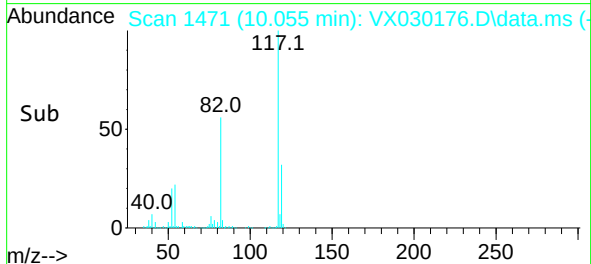
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 389192
Ion Ratio Lower Upper
117 100
82 56.4 42.7 64.1
119 31.7 25.4 38.2

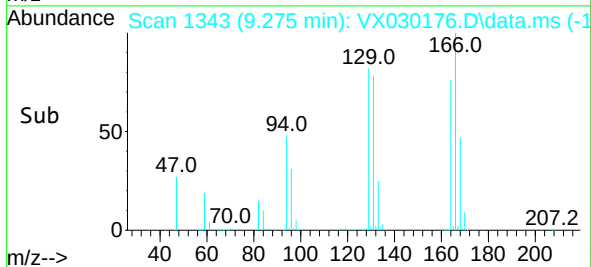
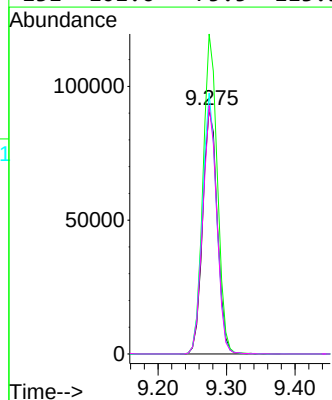
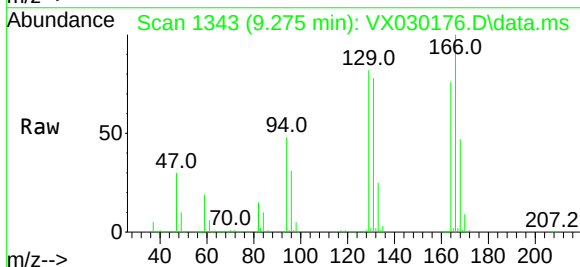
Manual Integrations
APPROVED

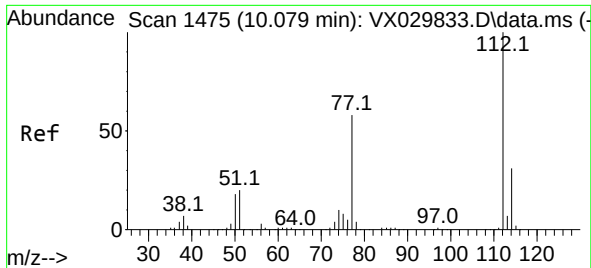
Reviewed By :John Carlone 07/25/2022
Supervised By :Mahesh Dadoda 07/25/2022



#64
Tetrachloroethene
Concen: 43.519 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11

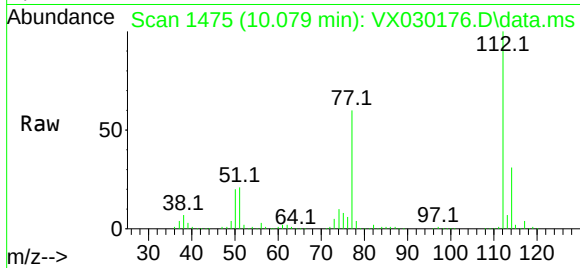
Tgt Ion:164 Resp: 135962
Ion Ratio Lower Upper
164 100
166 130.8 98.2 147.4
129 106.7 80.8 121.2
131 101.6 75.5 113.3





#65
Chlorobenzene
Concen: 45.925 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11

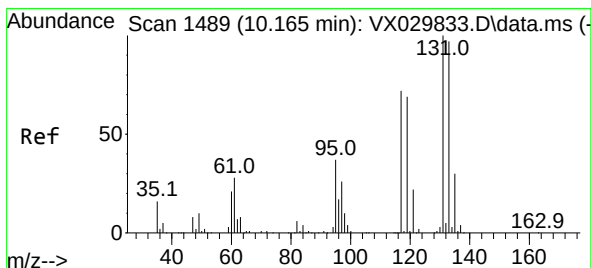
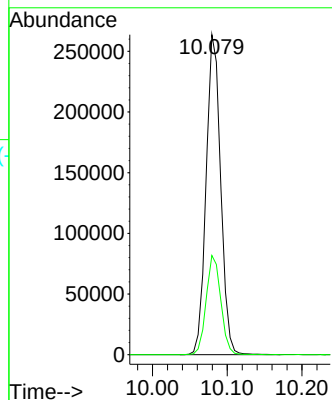
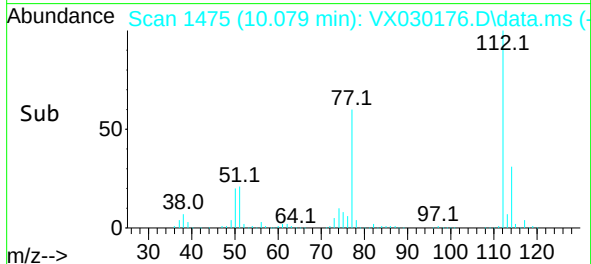
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



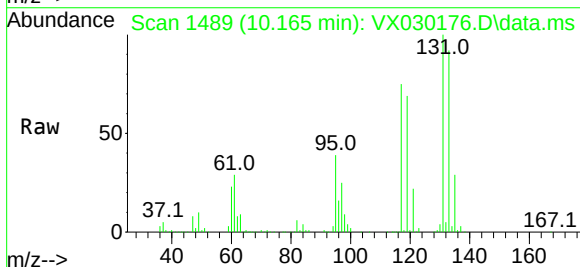
Tgt Ion:112 Resp: 355914
Ion Ratio Lower Upper
112 100
114 31.0 24.6 36.8

Manual Integrations
APPROVED

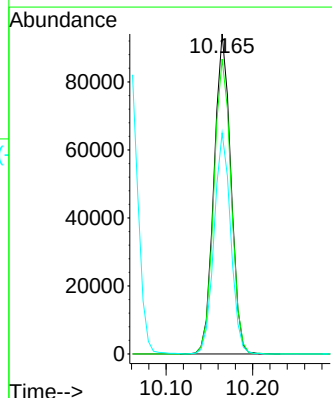
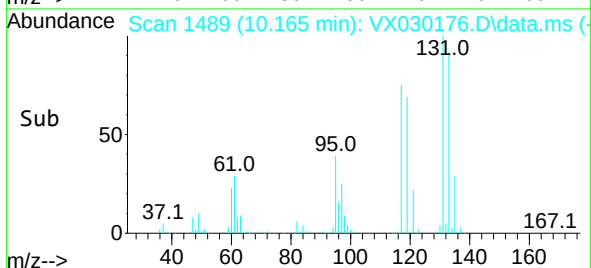
Reviewed By :John Carlone 07/25/2022
Supervised By :Mahesh Dadoda 07/25/2022

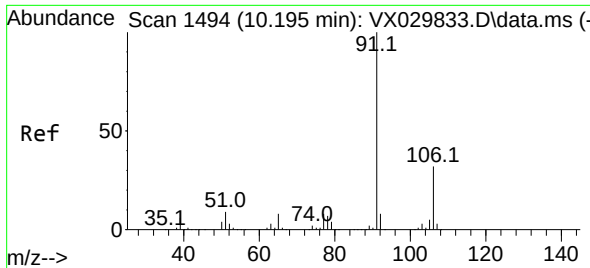


#66
1,1,1,2-Tetrachloroethane
Concen: 48.103 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11



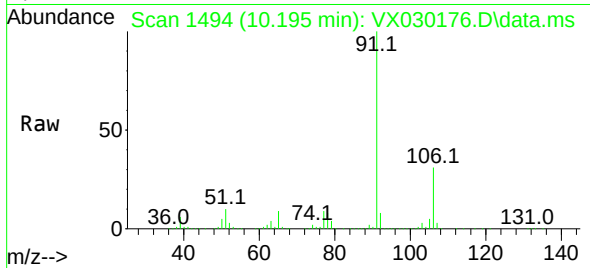
Tgt Ion:131 Resp: 127091
Ion Ratio Lower Upper
131 100
133 94.2 46.9 140.8
119 68.2 34.4 103.1





#67
Ethyl Benzene
Concen: 49.570 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11

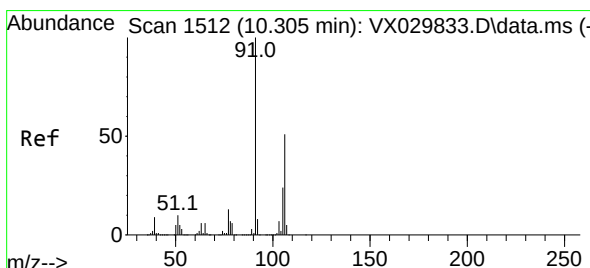
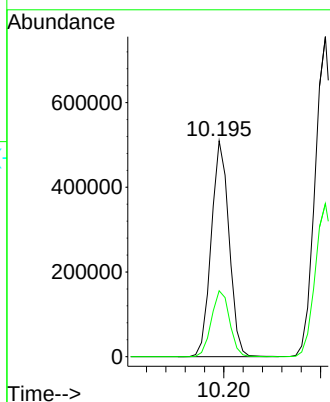
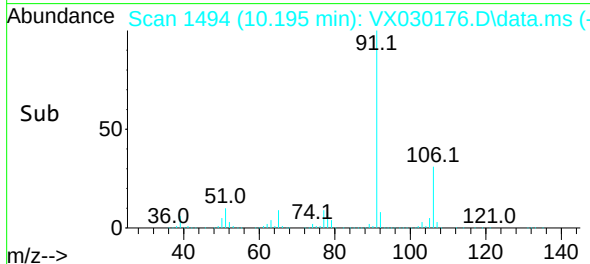
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 651104
Ion Ratio Lower Upper
91 100
106 30.5 25.5 38.3

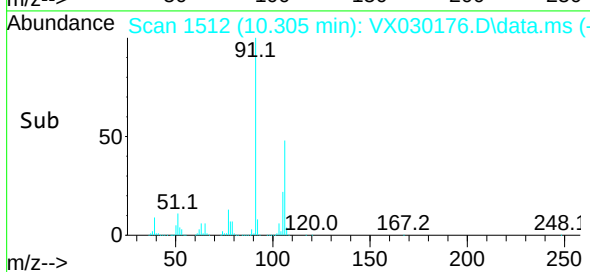
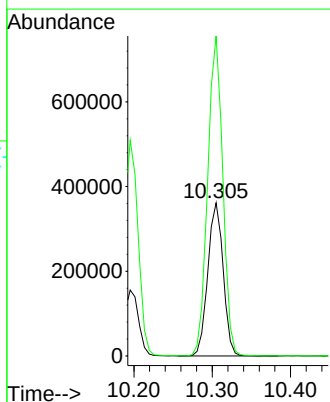
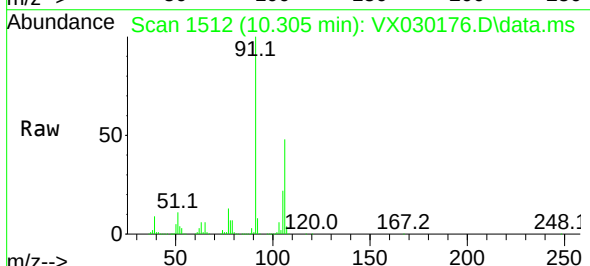
Manual Integrations
APPROVED

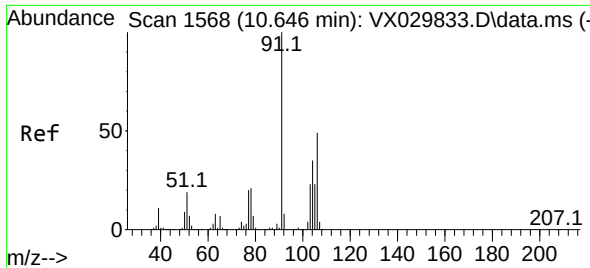
Reviewed By :John Carlone 07/25/2022
Supervised By :Mahesh Dadoda 07/25/2022



#68
m/p-Xylenes
Concen: 95.233 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11

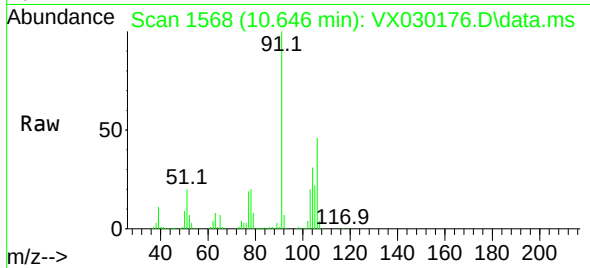
Tgt Ion:106 Resp: 490611
Ion Ratio Lower Upper
106 100
91 206.1 158.2 237.4





#69
o-Xylene
Concen: 47.361 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11

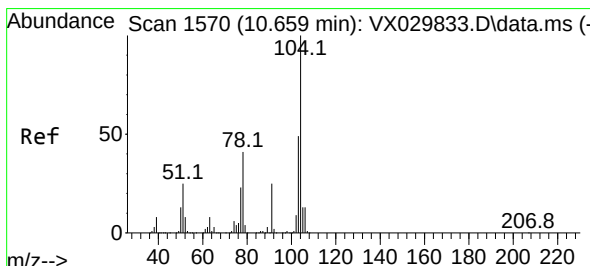
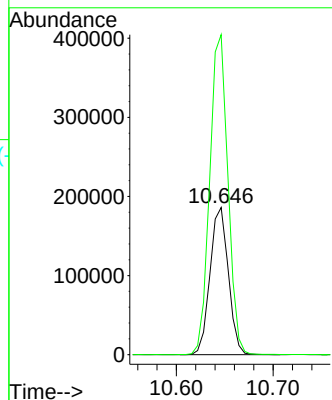
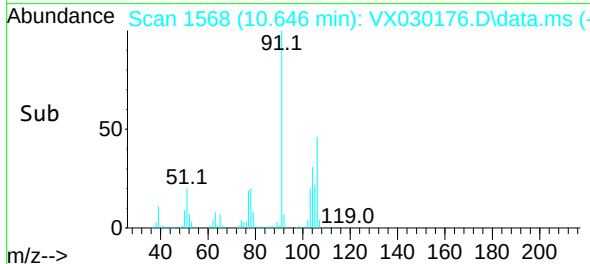
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 244302
Ion Ratio Lower Upper
106 100
91 216.5 103.8 311.6

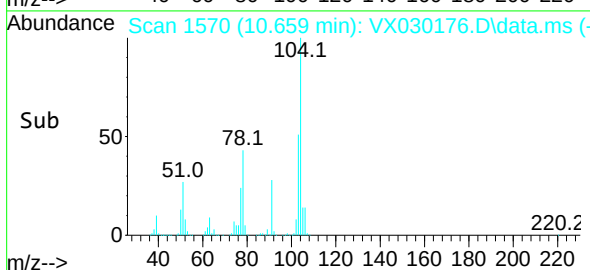
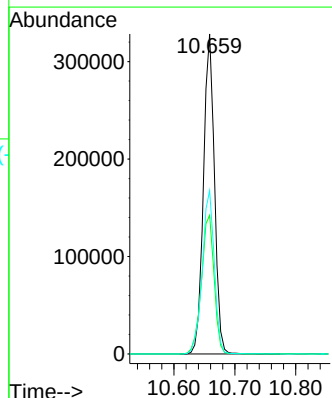
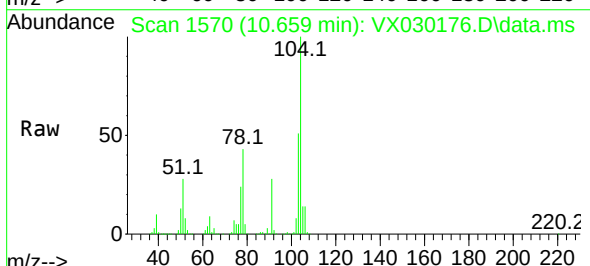
Manual Integrations
APPROVED

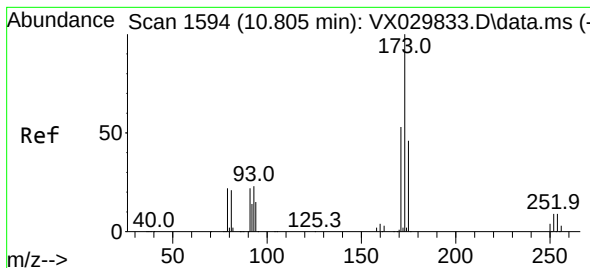
Reviewed By :John Carlone 07/25/2022
Supervised By :Mahesh Dadoda 07/25/2022



#70
Styrene
Concen: 48.190 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.001 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11

Tgt Ion:104 Resp: 412586
Ion Ratio Lower Upper
104 100
78 49.8 37.8 56.8
103 56.0 44.5 66.7





#71

Bromoform

Concen: 45.640 ug/l

RT: 10.805 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX030176.D

Acq: 22 Jul 2022 13:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 96880

Ion Ratio Lower Upper

173 100

175 47.8 23.8 71.2

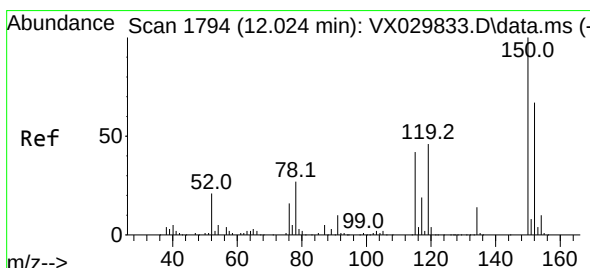
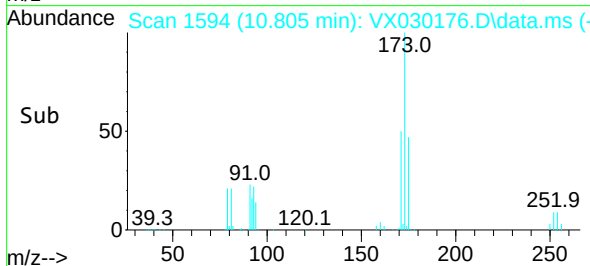
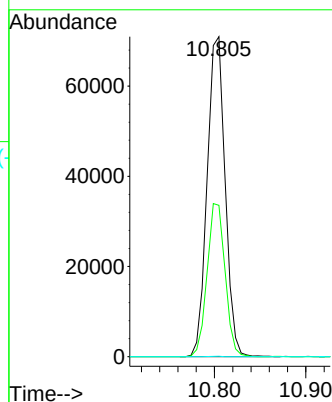
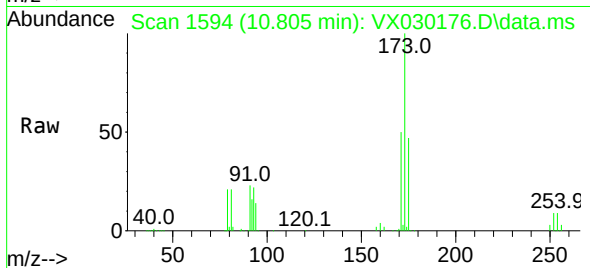
254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2022

Supervised By :Mahesh Dadoda 07/25/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX030176.D

Acq: 22 Jul 2022 13:11

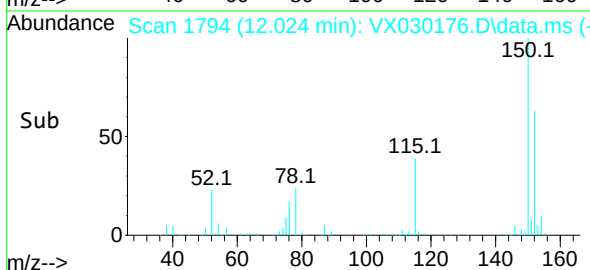
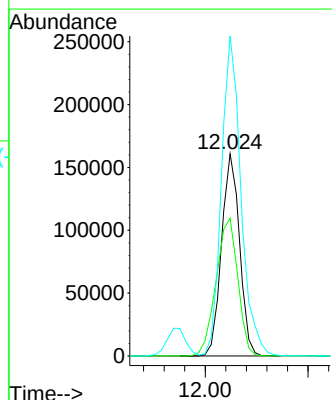
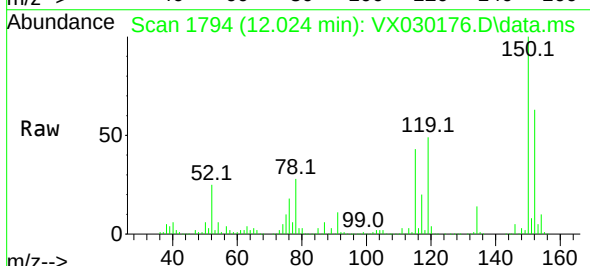
Tgt Ion:152 Resp: 194851

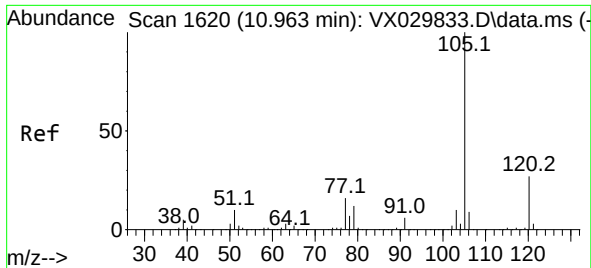
Ion Ratio Lower Upper

152 100

115 82.4 40.5 121.5

150 171.8 0.0 347.0





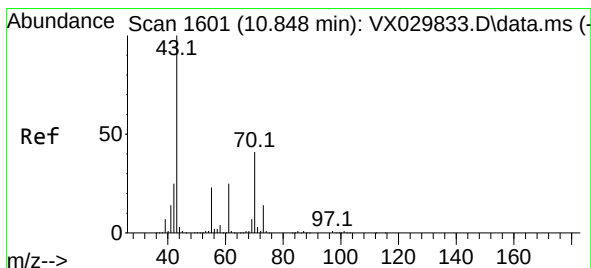
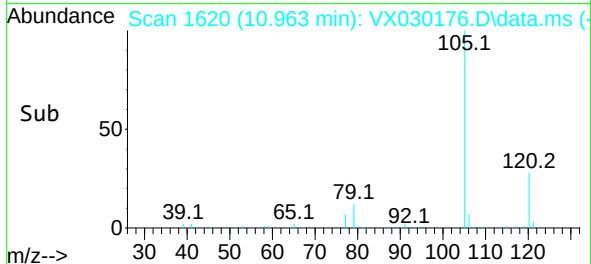
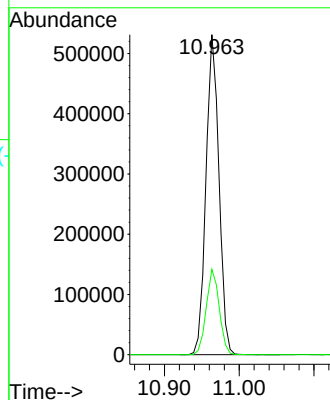
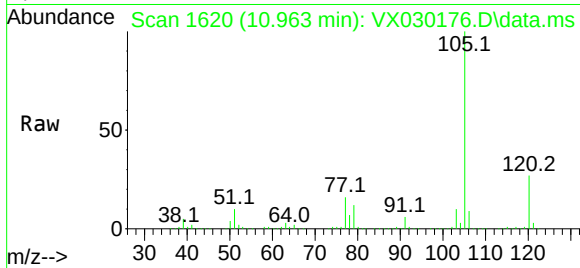
#73
Isopropylbenzene
Concen: 47.117 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 639260
Ion Ratio Lower Upper
105 100
120 26.7 13.5 40.4

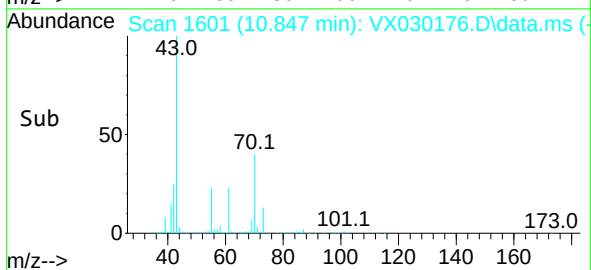
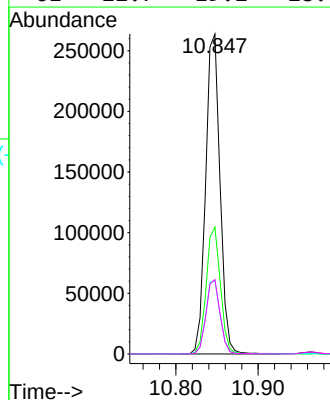
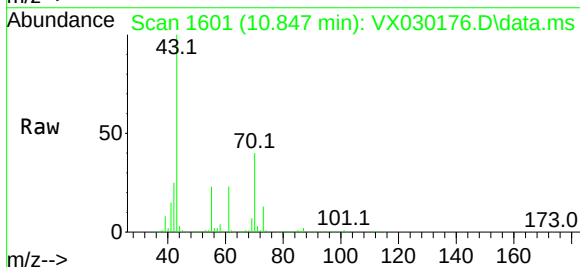
Manual Integrations
APPROVED

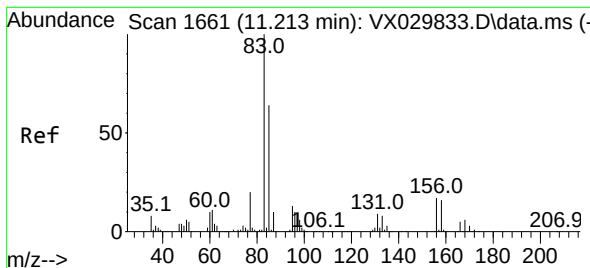
Reviewed By :John Carlone 07/25/2022
Supervised By :Mahesh Dadoda 07/25/2022



#74
N-ethyl acetate
Concen: 53.680 ug/l
RT: 10.847 min Scan# 1601
Delta R.T. -0.001 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11

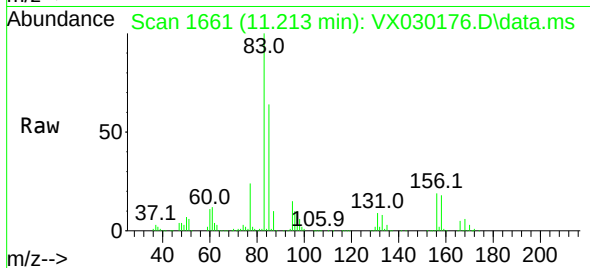
Tgt Ion: 43 Resp: 319876
Ion Ratio Lower Upper
43 100
70 39.4 32.3 48.5
55 23.2 18.4 27.6
61 22.7 19.2 28.8





#75
1,1,2,2-Tetrachloroethane
Concen: 46.061 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11

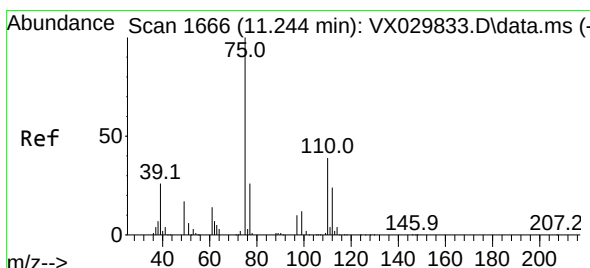
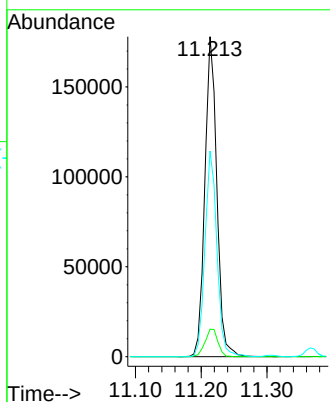
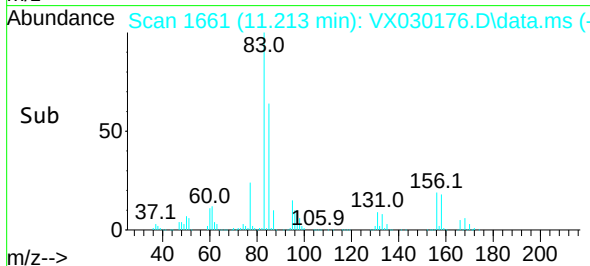
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



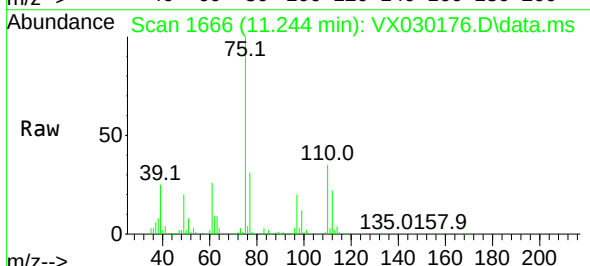
Tgt Ion: 83 Resp: 225460
Ion Ratio Lower Upper
83 100
131 9.3 4.5 13.7
85 64.2 32.5 97.5

Manual Integrations
APPROVED

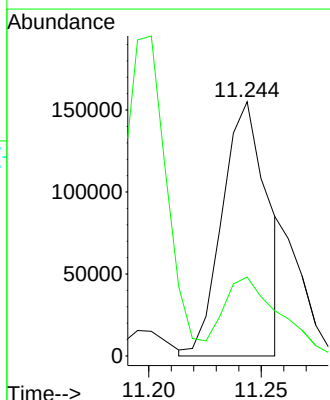
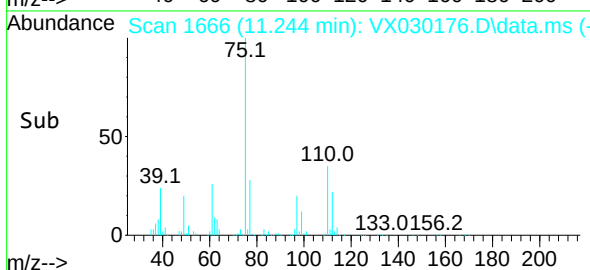
Reviewed By :John Carlone 07/25/2022
Supervised By :Mahesh Dadoda 07/25/2022

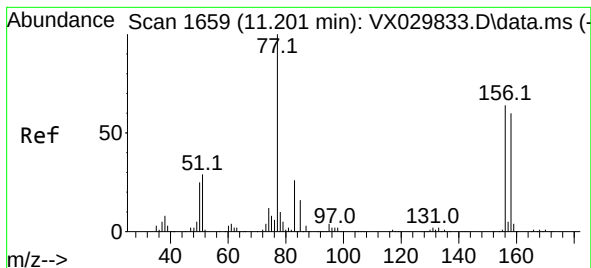


#76
1,2,3-Trichloropropane
Concen: 48.264 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11



Tgt Ion: 75 Resp: 216227
Ion Ratio Lower Upper
75 100
77 38.4 19.8 59.3





#77

Bromobenzene

Concen: 42.933 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX030176.D

Acq: 22 Jul 2022 13:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 145738

Ion Ratio Lower Upper

156 100

77 179.0 82.7 247.9

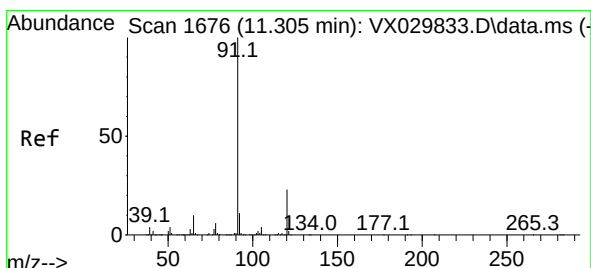
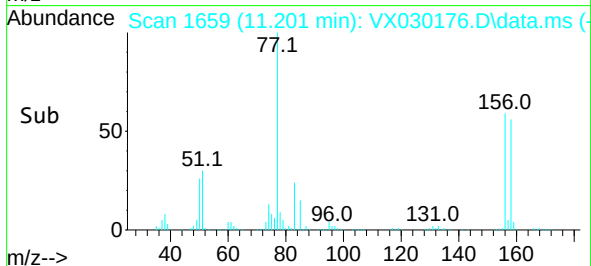
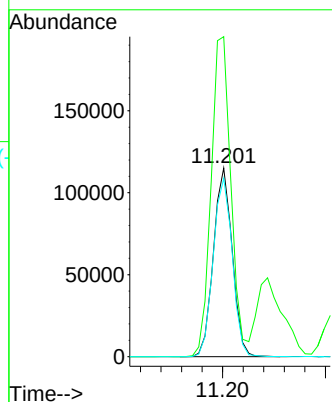
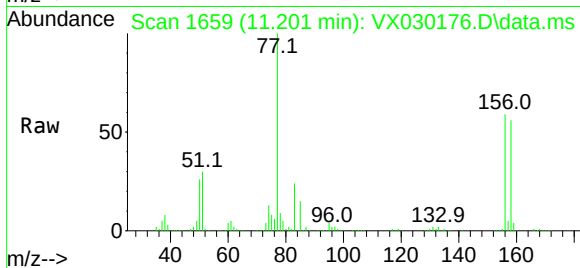
158 96.0 47.5 142.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2022

Supervised By :Mahesh Dadoda 07/25/2022



#78

n-propylbenzene

Concen: 49.197 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX030176.D

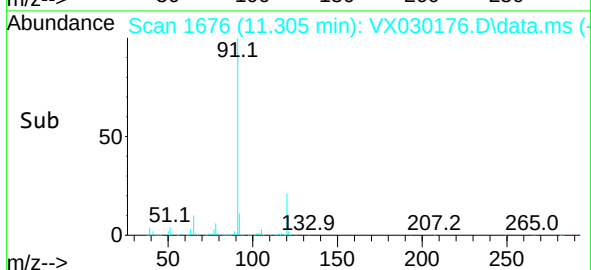
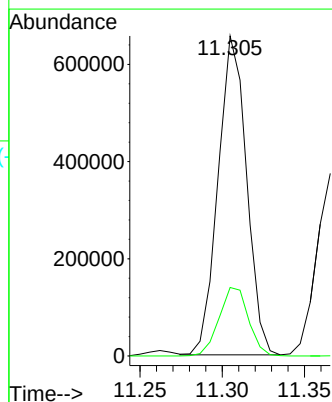
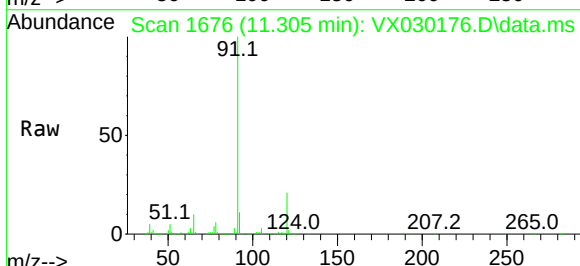
Acq: 22 Jul 2022 13:11

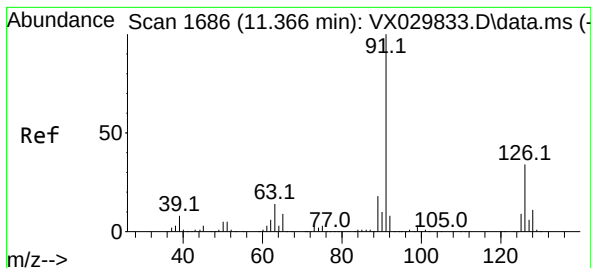
Tgt Ion: 91 Resp: 791856

Ion Ratio Lower Upper

91 100

120 22.2 11.6 34.8





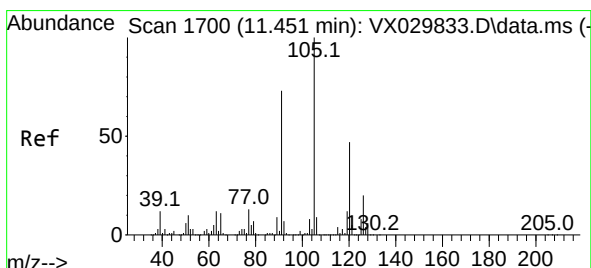
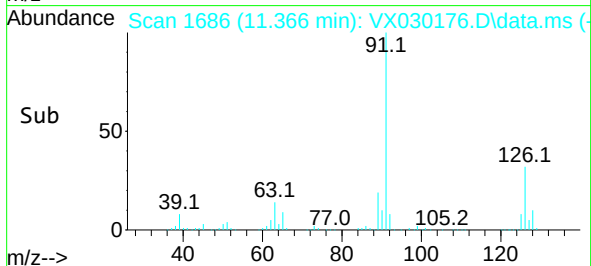
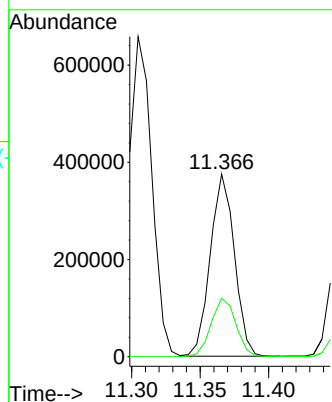
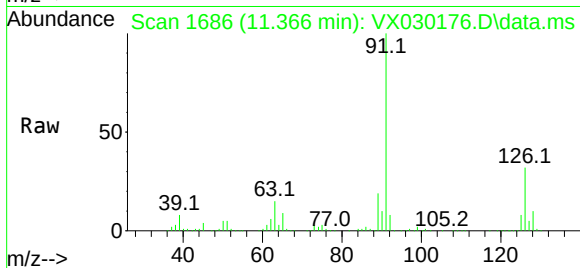
#79
2-Chlorotoluene
Concen: 47.611 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 45901
Ion Ratio Lower Upper
91 100
126 32.9 17.4 52.3

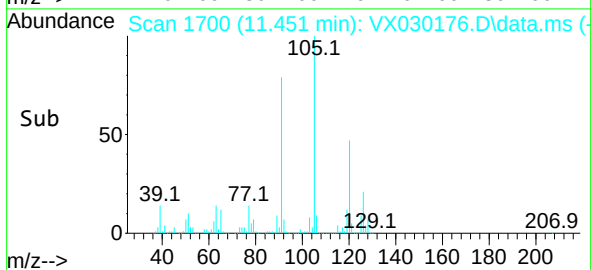
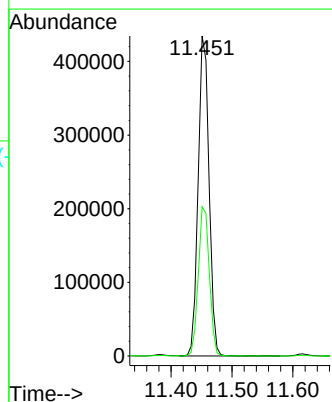
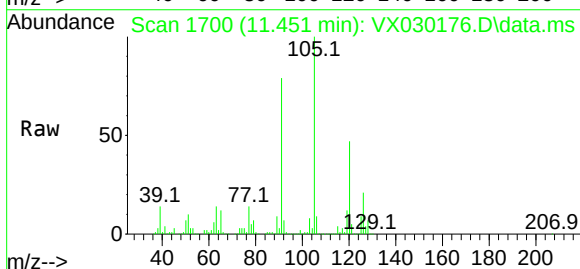
Manual Integrations
APPROVED

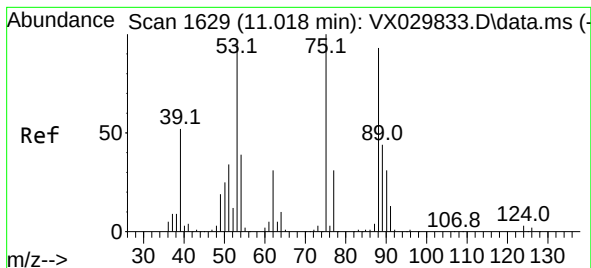
Reviewed By :John Carlone 07/25/2022
Supervised By :Mahesh Dadoda 07/25/2022



#80
1,3,5-Trimethylbenzene
Concen: 47.061 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11

Tgt Ion:105 Resp: 538009
Ion Ratio Lower Upper
105 100
120 47.3 24.4 73.2





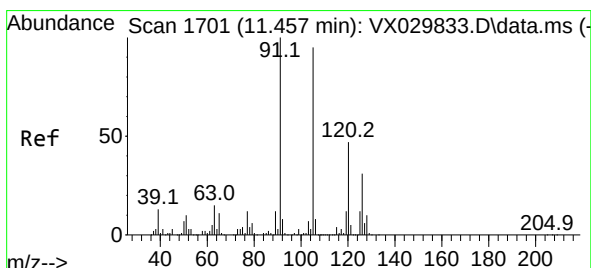
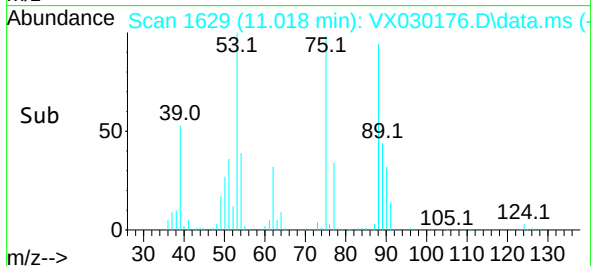
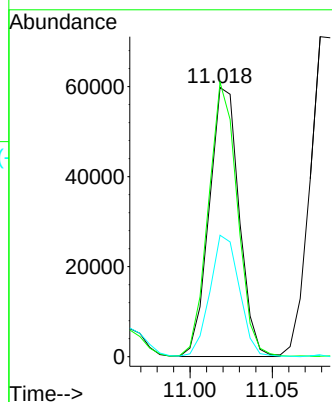
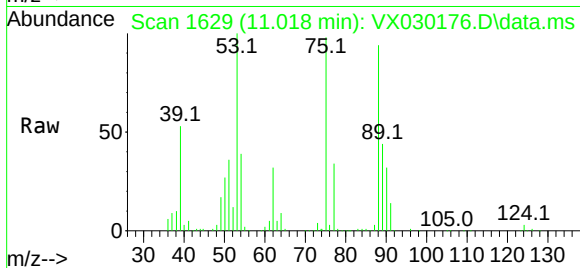
#81
trans-1,4-Dichloro-2-butene
Concen: 48.719 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 75629
Ion Ratio Lower Upper
75 100
53 98.4 74.2 111.4
89 44.5 34.8 52.2

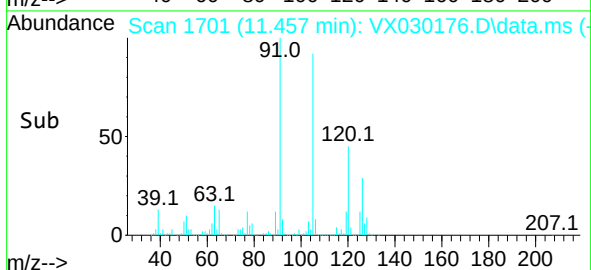
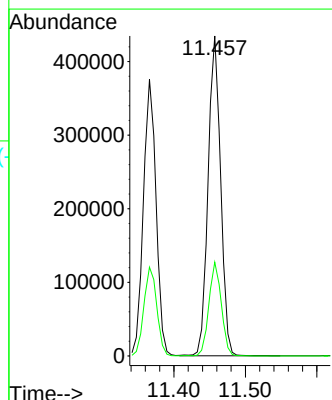
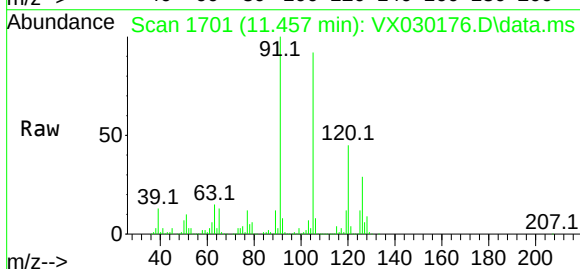
Manual Integrations
APPROVED

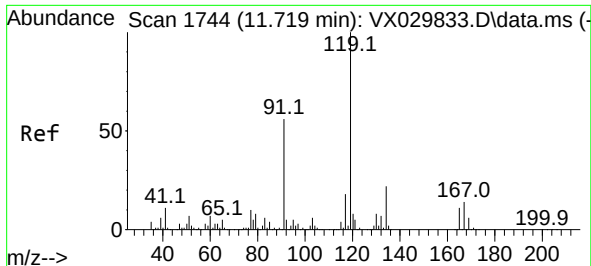
Reviewed By :John Carlone 07/25/2022
Supervised By :Mahesh Dadoda 07/25/2022



#82
4-Chlorotoluene
Concen: 48.952 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11

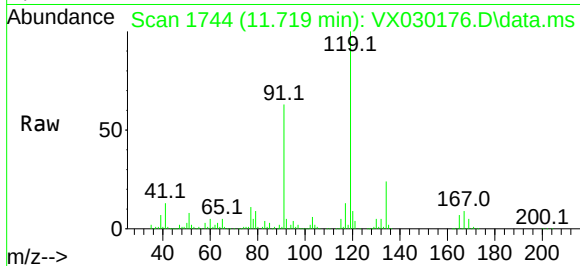
Tgt Ion: 91 Resp: 528764
Ion Ratio Lower Upper
91 100
126 29.2 15.3 45.9





#83
tert-Butylbenzene
Concen: 45.626 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11

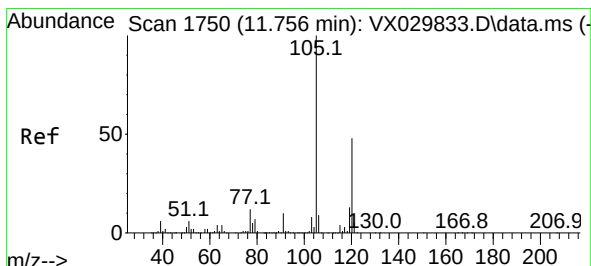
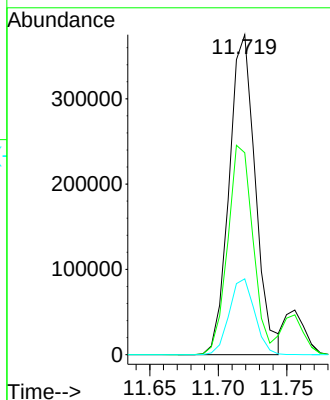
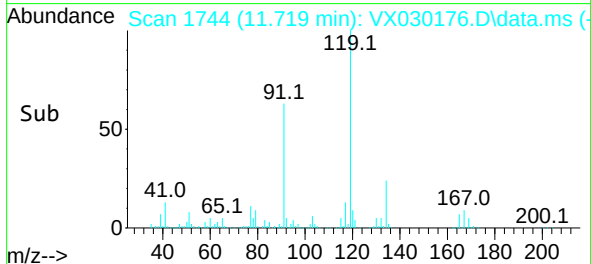
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



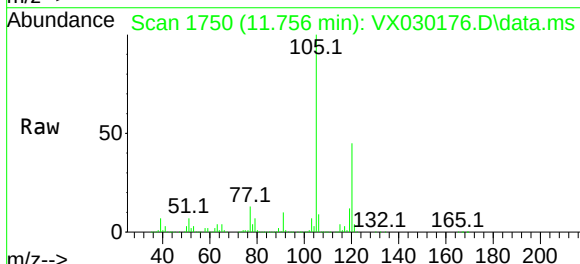
Tgt Ion:119 Resp: 500220
Ion Ratio Lower Upper
119 100
91 63.2 28.3 84.9
134 23.0 11.2 33.5

Manual Integrations
APPROVED

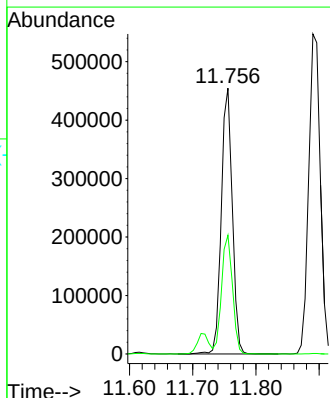
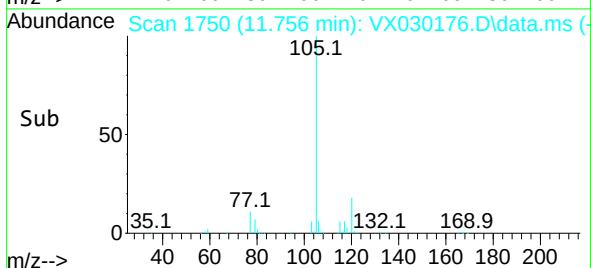
Reviewed By :John Carlone 07/25/2022
Supervised By :Mahesh Dadoda 07/25/2022

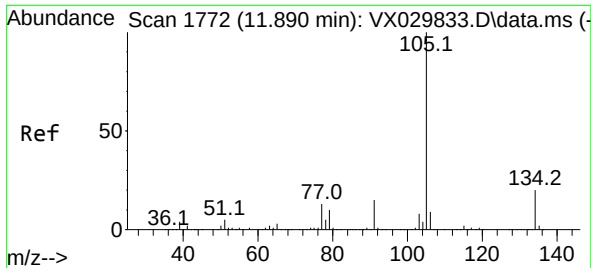


#84
1,2,4-Trimethylbenzene
Concen: 48.335 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11



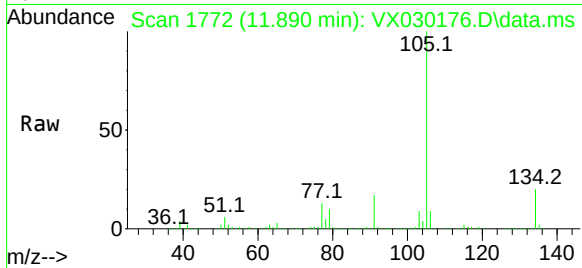
Tgt Ion:105 Resp: 546565
Ion Ratio Lower Upper
105 100
120 44.4 22.9 68.8





#85
 sec-Butylbenzene
 Concen: 47.998 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX030176.D
 Acq: 22 Jul 2022 13:11

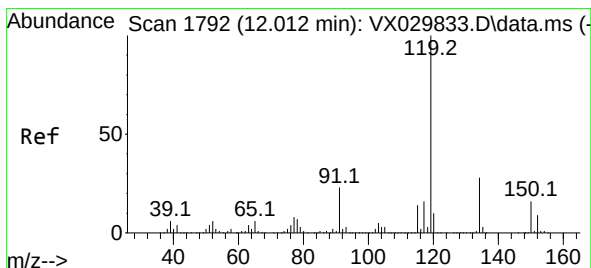
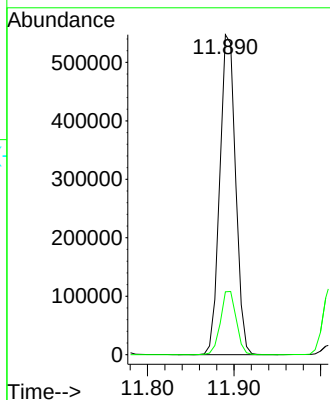
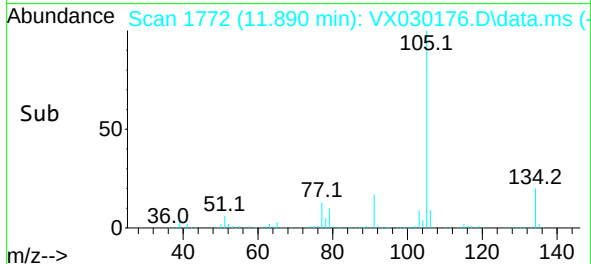
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



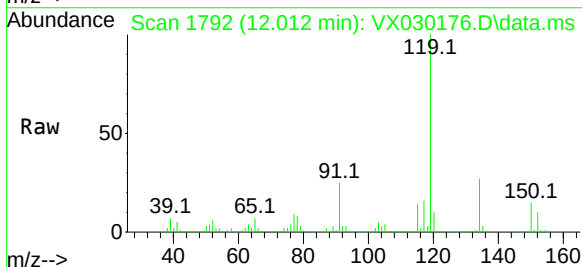
Tgt Ion:105 Resp: 695669
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.0 30.0

Manual Integrations
 APPROVED

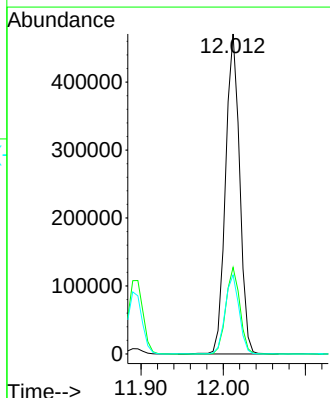
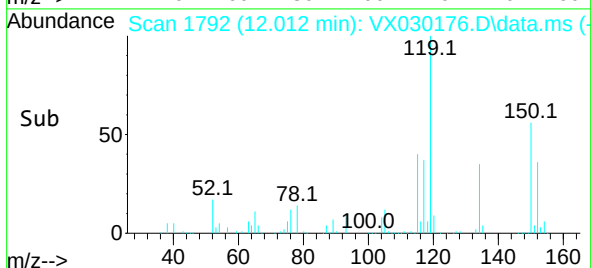
Reviewed By :John Carlone 07/25/2022
 Supervised By :Mahesh Dadoda 07/25/2022

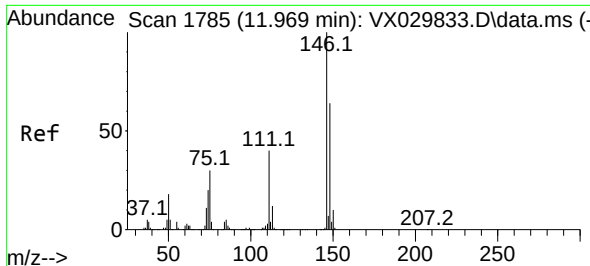


#86
 p-Isopropyltoluene
 Concen: 48.228 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX030176.D
 Acq: 22 Jul 2022 13:11



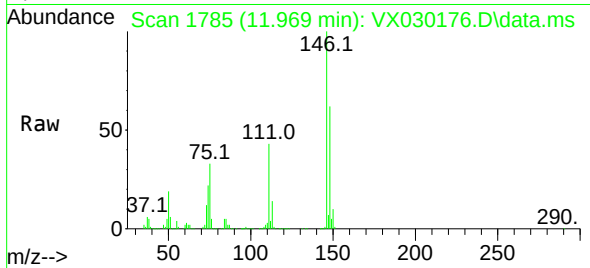
Tgt Ion:119 Resp: 560776
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.9 41.6
 91 24.6 11.8 35.3





#87
1,3-Dichlorobenzene
Concen: 45.382 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11

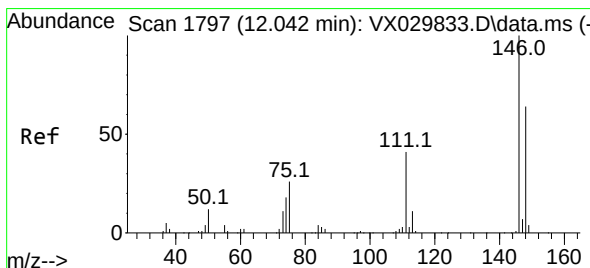
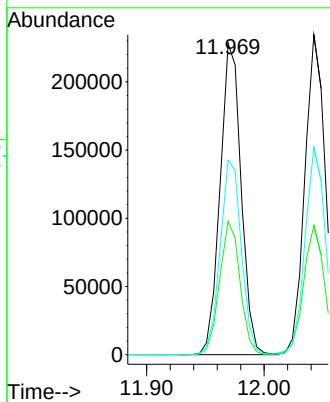
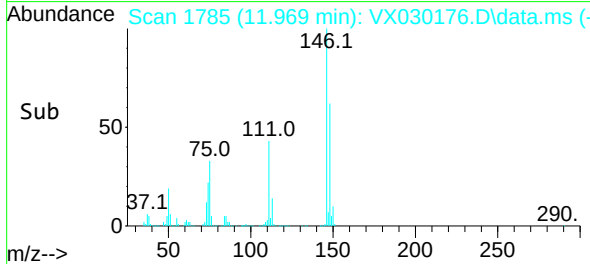
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



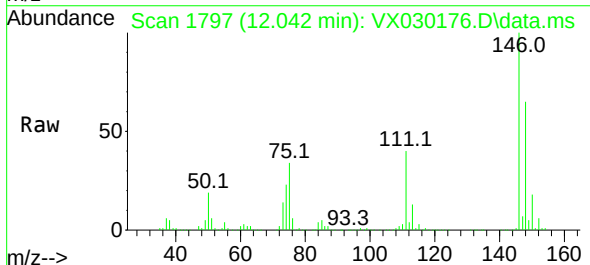
Tgt Ion:146 Resp: 28464
Ion Ratio Lower Upper
146 100
111 41.9 20.3 60.8
148 63.0 31.8 95.3

Manual Integrations
APPROVED

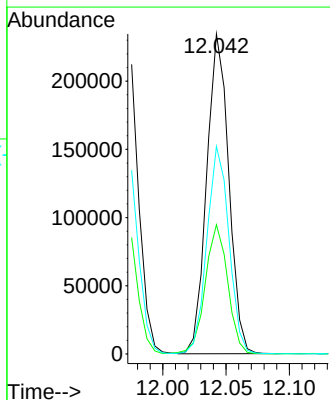
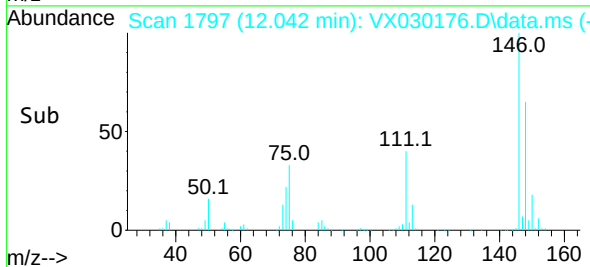
Reviewed By :John Carlone 07/25/2022
Supervised By :Mahesh Dadoda 07/25/2022

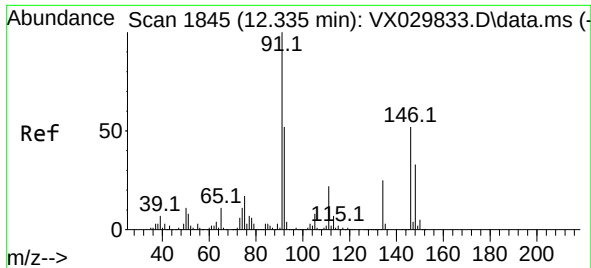


#88
1,4-Dichlorobenzene
Concen: 44.255 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11



Tgt Ion:146 Resp: 284848
Ion Ratio Lower Upper
146 100
111 41.0 20.3 60.9
148 64.9 32.3 96.8





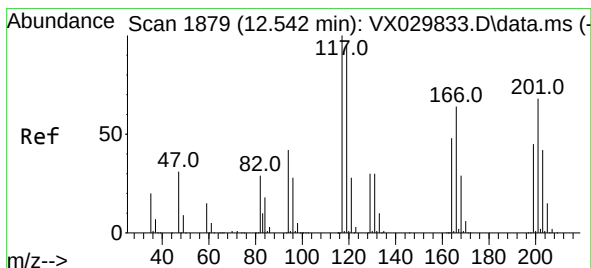
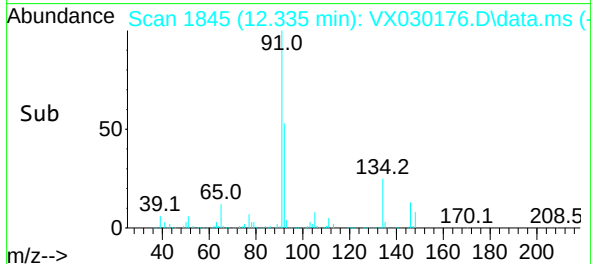
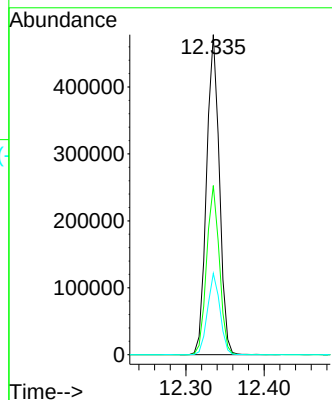
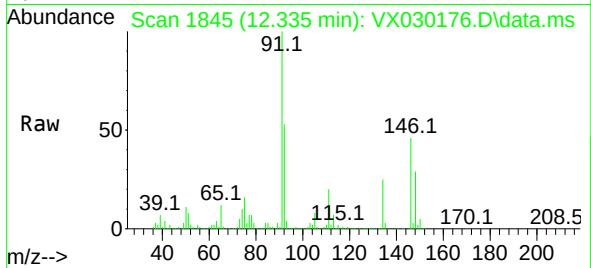
#89
n-Butylbenzene
Concen: 51.917 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 540878
Ion Ratio Lower Upper
91 100
92 52.6 26.2 78.5
134 24.7 12.6 37.8

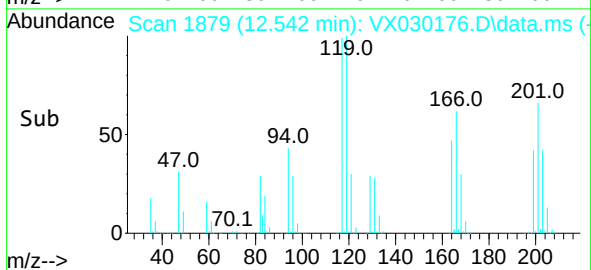
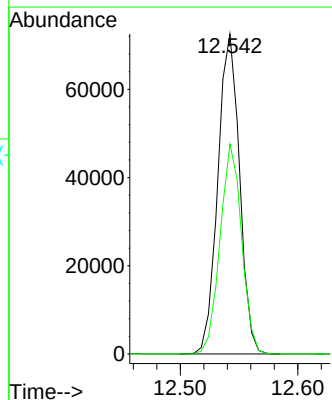
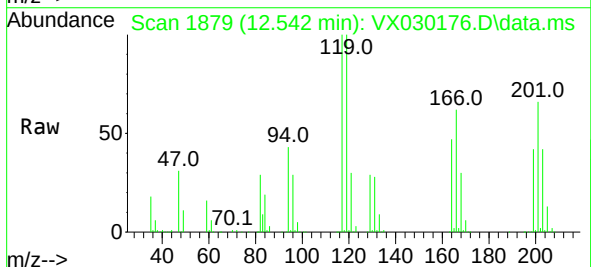
Manual Integrations
APPROVED

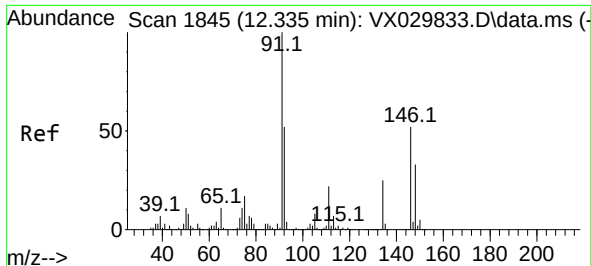
Reviewed By :John Carlone 07/25/2022
Supervised By :Mahesh Dadoda 07/25/2022



#90
Hexachloroethane
Concen: 46.828 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11

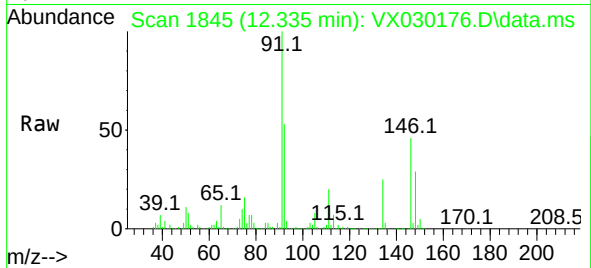
Tgt Ion:117 Resp: 93081
Ion Ratio Lower Upper
117 100
201 65.3 34.2 102.5





#91
1,2-Dichlorobenzene
Concen: 43.896 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11

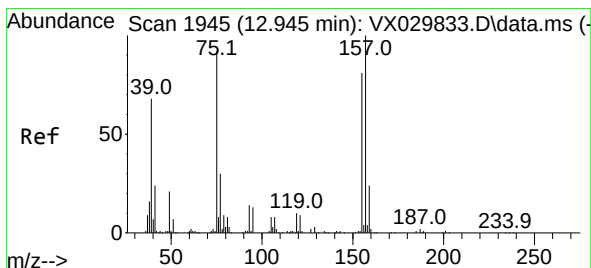
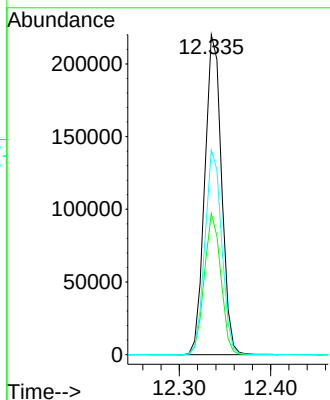
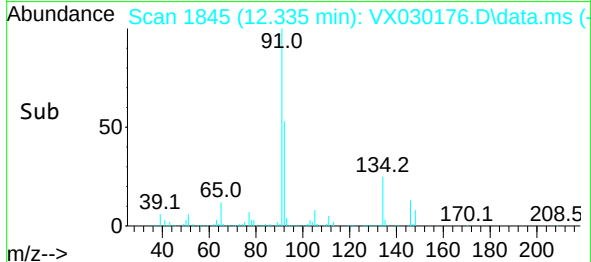
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 279712
Ion Ratio Lower Upper
146 100
111 43.3 20.7 62.1
148 63.8 32.0 96.2

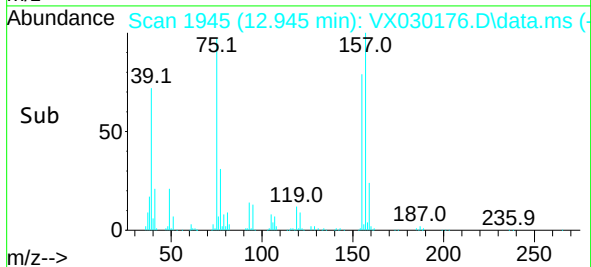
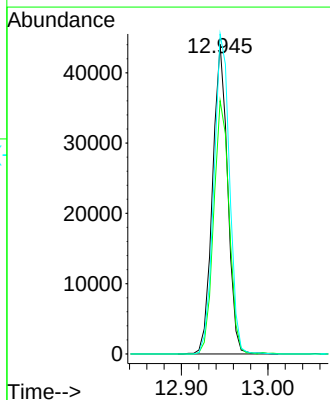
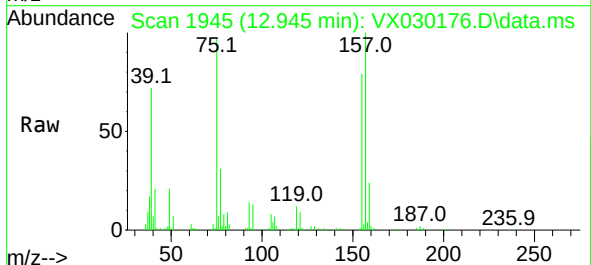
Manual Integrations
APPROVED

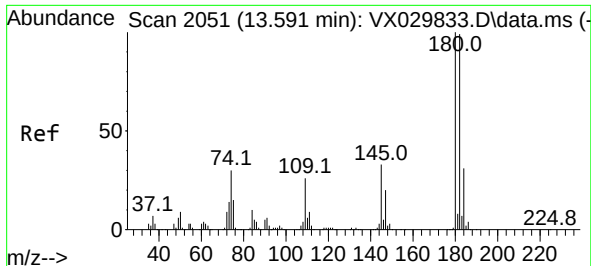
Reviewed By :John Carlone 07/25/2022
Supervised By :Mahesh Dadoda 07/25/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.624 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11

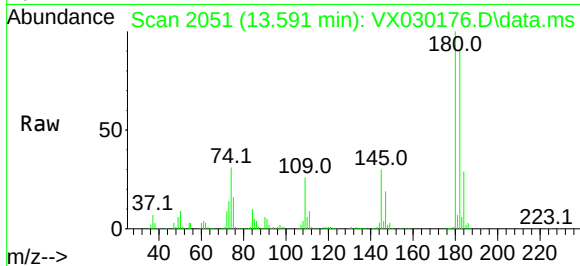
Tgt Ion: 75 Resp: 53228
Ion Ratio Lower Upper
75 100
155 83.5 45.0 134.8
157 107.0 56.9 170.7





#93
1,2,4-Trichlorobenzene
Concen: 44.778 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11

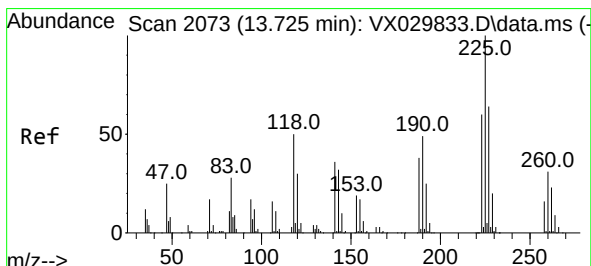
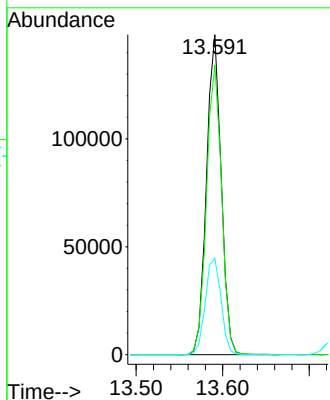
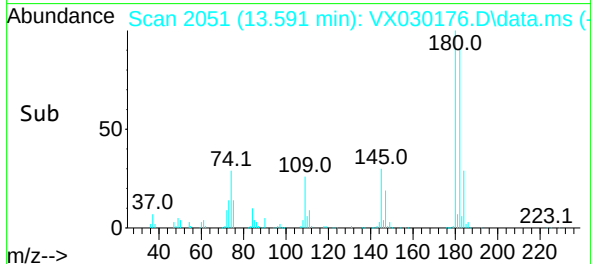
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



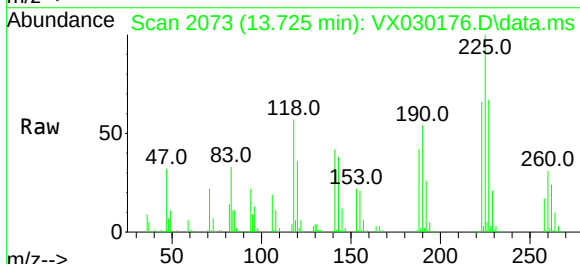
Tgt Ion:180 Resp: 175258
Ion Ratio Lower Upper
180 100
182 92.8 48.2 144.6
145 32.3 15.9 47.6

Manual Integrations
APPROVED

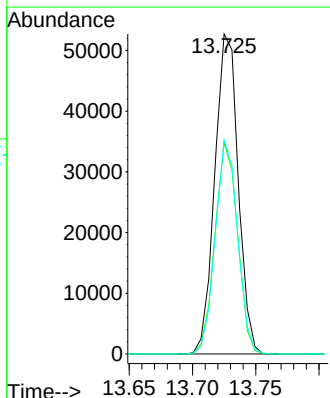
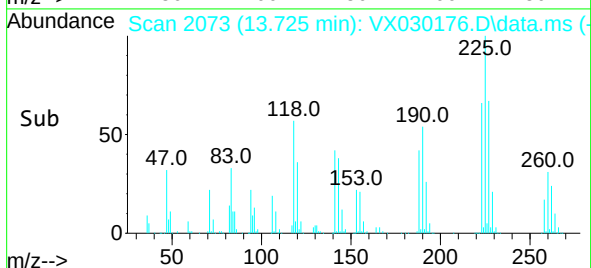
Reviewed By :John Carlone 07/25/2022
Supervised By :Mahesh Dadoda 07/25/2022

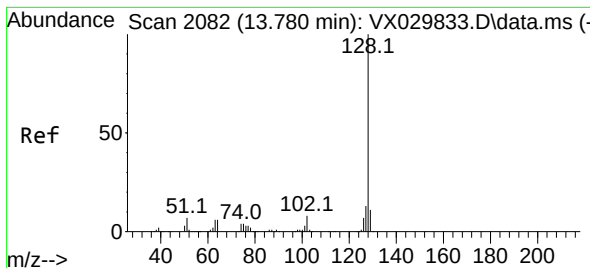


#94
Hexachlorobutadiene
Concen: 43.326 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11



Tgt Ion:225 Resp: 67702
Ion Ratio Lower Upper
225 100
223 63.8 30.6 91.6
227 63.7 31.9 95.9





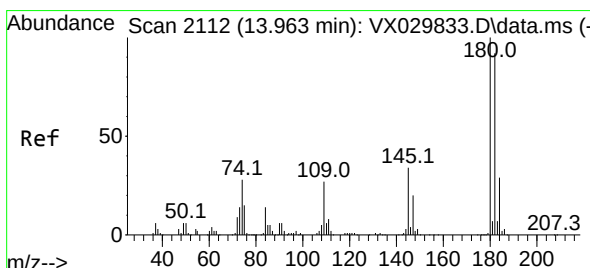
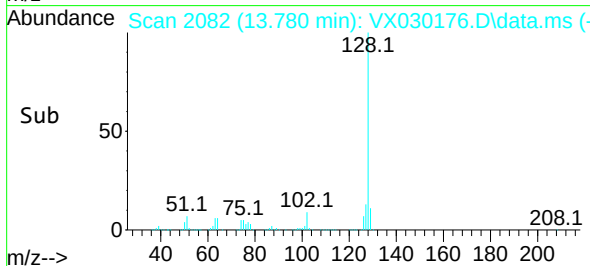
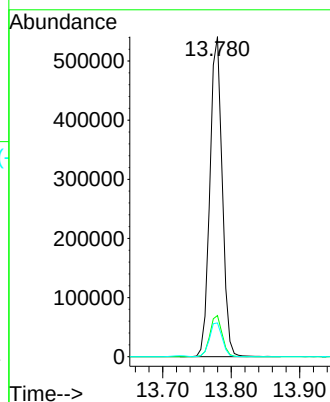
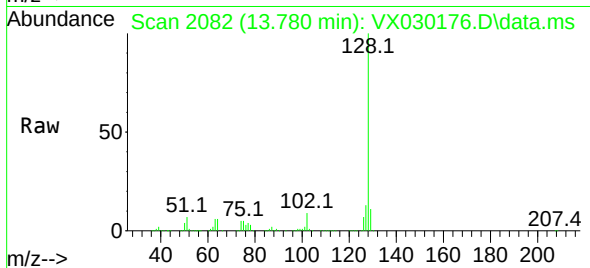
#95
Naphthalene
Concen: 43.663 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 67833
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/25/2022
Supervised By :Mahesh Dadoda 07/25/2022



#96
1,2,3-Trichlorobenzene
Concen: 43.833 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX030176.D
Acq: 22 Jul 2022 13:11

Tgt Ion:180 Resp: 174561
Ion Ratio Lower Upper
180 100
182 93.8 47.0 141.0
145 35.6 17.0 50.9

