

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051722\
 Data File : VX028777.D
 Acq On : 17 May 2022 23:06
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/18/2022
 Supervised By : Mahesh Dadoda 05/18/2022

Quant Time: May 18 04:57:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	280978	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	468212	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	391129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	219493	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.958	65	202480	52.571	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 105.140%	
35) Dibromofluoromethane	5.385	113	158348	51.619	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 103.240%	
50) Toluene-d8	8.653	98	539228	46.623	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 93.240%	
62) 4-Bromofluorobenzene	11.079	95	233143	53.970	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 107.940%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.167	85	171578	46.635	ug/l	100
3) Chloromethane	1.288	50	145747	42.064	ug/l	99
4) Vinyl Chloride	1.374	62	161900	43.359	ug/l	99
5) Bromomethane	1.599	94	87386	30.992	ug/l	98
6) Chloroethane	1.679	64	104363	44.111	ug/l	100
7) Trichlorofluoromethane	1.886	101	272495	45.773	ug/l	97
8) Diethyl Ether	2.136	74	94248	43.449	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	143287	45.739	ug/l	97
10) Methyl Iodide	2.453	142	186182	49.641	ug/l	92
11) Tert butyl alcohol	2.965	59	181882	221.611	ug/l	100
12) 1,1-Dichloroethene	2.319	96	136733	47.020	ug/l	98
13) Acrolein	2.233	56	121654	192.433	ug/l	97
14) Allyl chloride	2.666	41	213769	45.833	ug/l	89
15) Acrylonitrile	3.063	53	410173	221.035	ug/l	99
16) Acetone	2.380	43	371229	224.579	ug/l	91
17) Carbon Disulfide	2.508	76	334077	44.318	ug/l	99
18) Methyl Acetate	2.703	43	188780	45.598	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	515725	49.976	ug/l	98
20) Methylene Chloride	2.788	84	154814	44.642	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	149277	45.573	ug/l	99
22) Diisopropyl ether	3.764	45	457882	45.940	ug/l	94
23) Vinyl Acetate	3.721	43	2024159	235.578	ug/l	97
24) 1,1-Dichloroethane	3.611	63	273089	47.130	ug/l	99
25) 2-Butanone	4.556	43	569363	219.436	ug/l	96
26) 2,2-Dichloropropane	4.477	77	200303	44.089	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	177628	46.431	ug/l	99
28) Bromochloromethane	4.904	49	115237	47.248	ug/l	99
29) Tetrahydrofuran	5.001	42	362752	215.083	ug/l	95
30) Chloroform	5.099	83	302200	48.190	ug/l	99
31) Cyclohexane	5.471	56	235479	44.046	ug/l	100
32) 1,1,1-Trichloroethane	5.391	97	277178	50.630	ug/l	99
36) 1,1-Dichloropropene	5.696	75	213891	46.422	ug/l	99
37) Ethyl Acetate	4.715	43	222976	46.333	ug/l	98
38) Carbon Tetrachloride	5.678	117	239125	51.570	ug/l	98
39) Methylcyclohexane	7.385	83	241591	45.721	ug/l	98
40) Benzene	6.038	78	614274	46.388	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	125993	48.828	ug/l	92
42) 1,2-Dichloroethane	6.086	62	251524	51.495	ug/l	96
43) Isopropyl Acetate	6.342	43	361605	48.029	ug/l	96
44) Trichloroethene	7.129	130	172317	47.981	ug/l	95
45) 1,2-Dichloropropane	7.434	63	154786	46.850	ug/l	99
46) Dibromomethane	7.580	93	119234	48.326	ug/l	94
47) Bromodichloromethane	7.824	83	225849	49.304	ug/l	99
48) Methyl methacrylate	7.696	41	178750	49.147	ug/l	86
49) 1,4-Dioxane	7.659	88	77290	850.651	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	1069715	215.701	ug/l	94
52) Toluene	8.720	92	377091	44.268	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	219308	41.867	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	236070	45.801	ug/l #	84
55) 1,1,2-Trichloroethane	9.153	97	152416	43.879	ug/l	98
56) Ethyl methacrylate	9.116	69	248677	47.276	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	259679	44.324	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	598016	232.216	ug/l	97
59) 2-Hexanone	9.433	43	858335	222.772	ug/l	92
60) Dibromochloromethane	9.525	129	166245	49.075	ug/l	97
61) 1,2-Dibromoethane	9.610	107	170934	46.854	ug/l	99
64) Tetrachloroethene	9.275	164	143732	48.663	ug/l	98
65) Chlorobenzene	10.080	112	423209	51.004	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	164186	55.859	ug/l	98
67) Ethyl Benzene	10.195	91	761331	51.190	ug/l	100
68) m/p-Xylenes	10.305	106	601033	103.800	ug/l	96
69) o-Xylene	10.640	106	304801	53.466	ug/l	96
70) Styrene	10.659	104	513857	55.505	ug/l	97
71) Bromoform	10.799	173	131254	53.742	ug/l	99
73) Isopropylbenzene	10.964	105	809973	48.661	ug/l	99
74) N-amyl acetate	10.842	43	323404	49.427	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	269831	47.253	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	252306m	49.084	ug/l	
77) Bromobenzene	11.201	156	194963	49.503	ug/l	95
78) n-propylbenzene	11.305	91	923383	47.958	ug/l	99
79) 2-Chlorotoluene	11.366	91	571877	48.460	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	693970	50.035	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	72935	42.922	ug/l #	84
82) 4-Chlorotoluene	11.457	91	666090	48.824	ug/l	98
83) tert-Butylbenzene	11.713	119	681289	50.734	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	700984	50.400	ug/l	99
85) sec-Butylbenzene	11.890	105	818714	49.426	ug/l	100
86) p-Isopropyltoluene	12.012	119	705971	50.791	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	376009	48.674	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	378251	47.206	ug/l	98
89) n-Butylbenzene	12.335	91	580863	48.231	ug/l	99
90) Hexachloroethane	12.543	117	115909	51.566	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	374871	49.398	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	64965	53.280	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	218012	49.740	ug/l	99
94) Hexachlorobutadiene	13.725	225	88470	49.685	ug/l	94
95) Naphthalene	13.774	128	798283	51.181	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	218922	49.730	ug/l	95

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MSVOA_X
ClientSampleId :
VSTDCCC050

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Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration

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

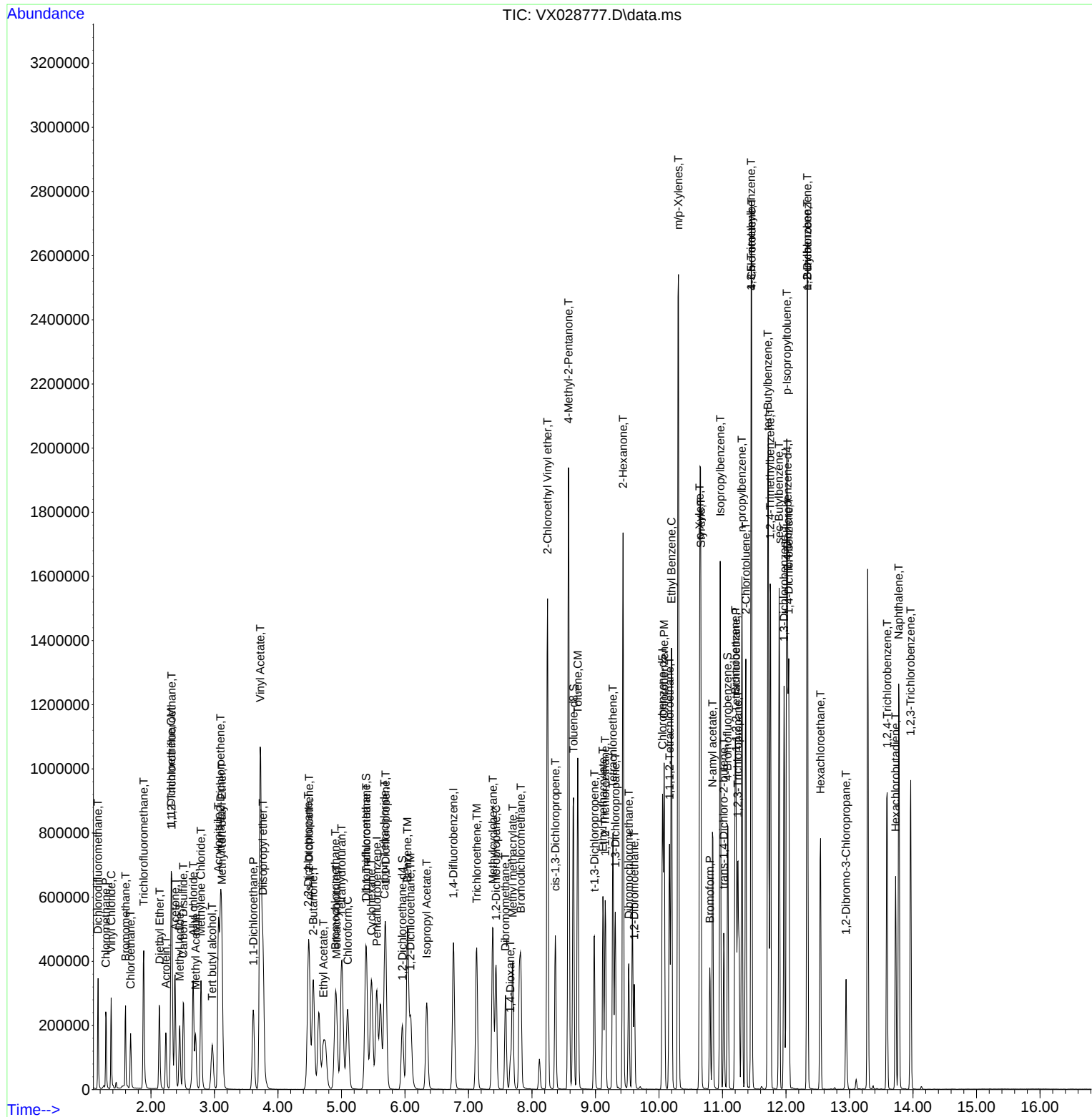
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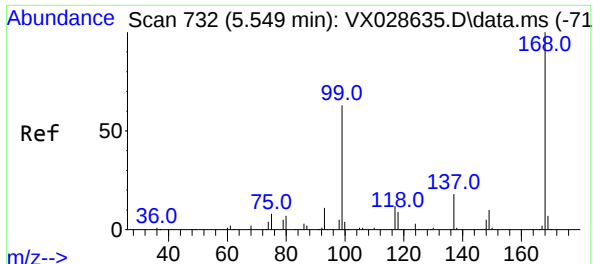
Instrument :
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06

Instrument :

MSVOA_X

ClientSampleId :

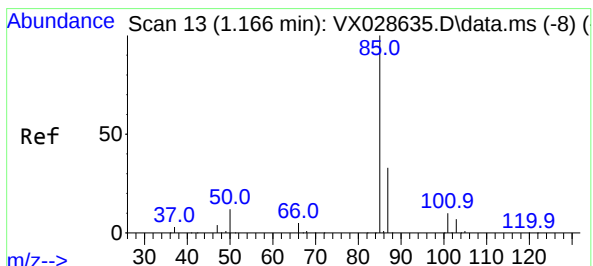
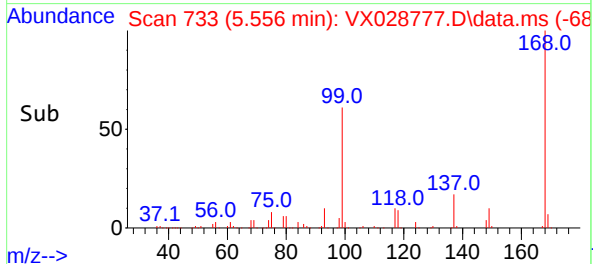
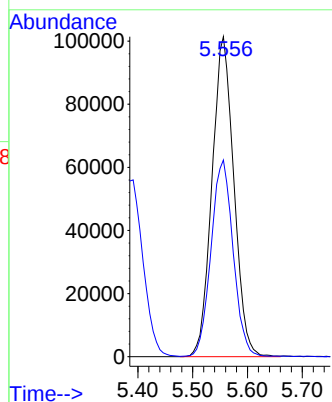
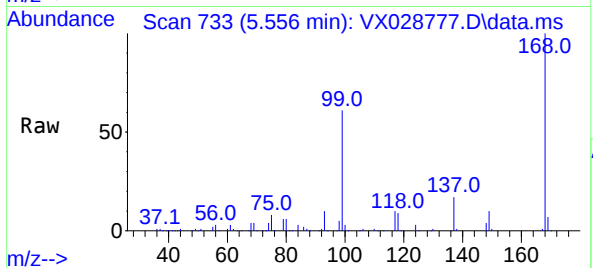
VSTDCCC050

Tgt Ion:168 Resp: 280978
Ion Ratio Lower Upper
168 100
99 61.3 41.7 62.5

Manual Integrations

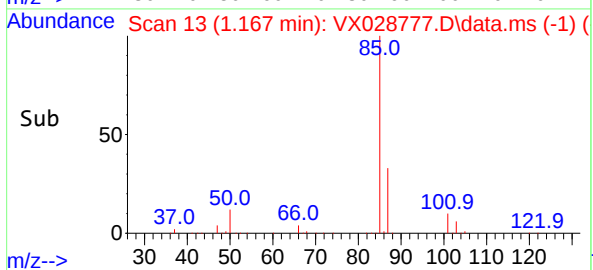
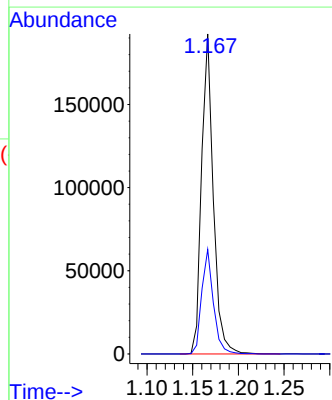
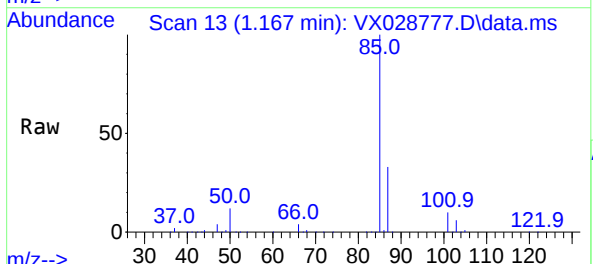
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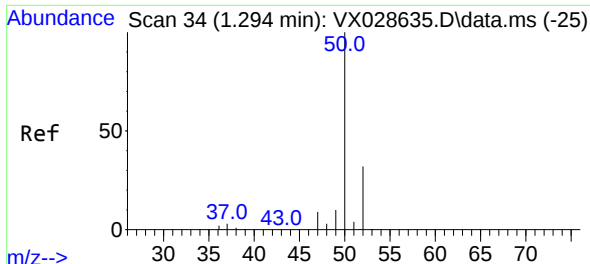
Reviewed By :John Carlone 05/18/2022
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#2
Dichlorodifluoromethane
Concen: 46.635 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06

Tgt Ion: 85 Resp: 171578
Ion Ratio Lower Upper
85 100
87 32.6 16.2 48.6





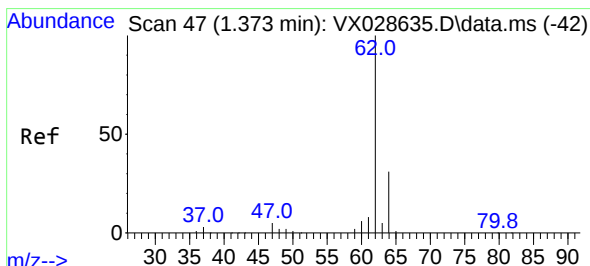
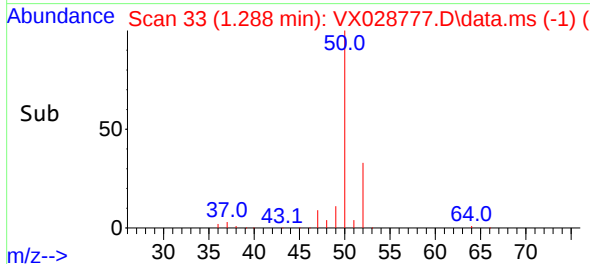
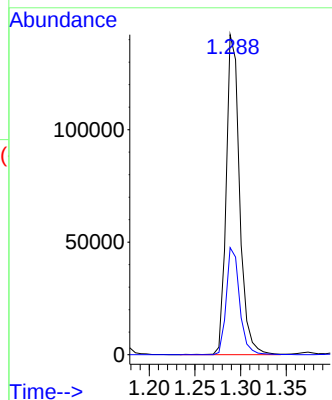
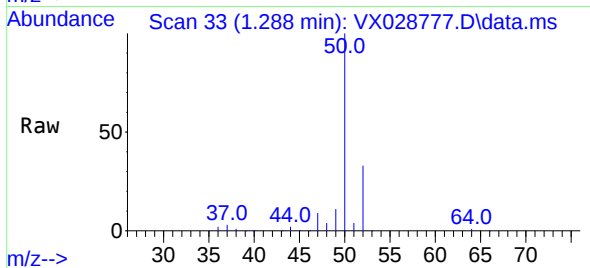
#3
Chloromethane
Concen: 42.064 ug/l
RT: 1.288 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 14574
Ion Ratio Lower Upper
50 100
52 33.5 26.4 39.6

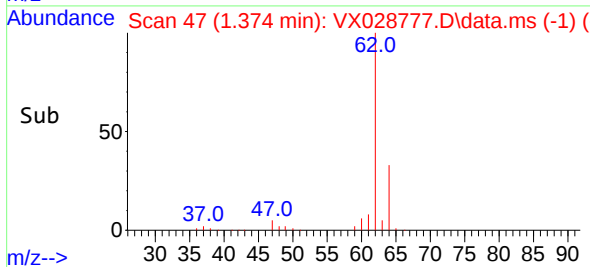
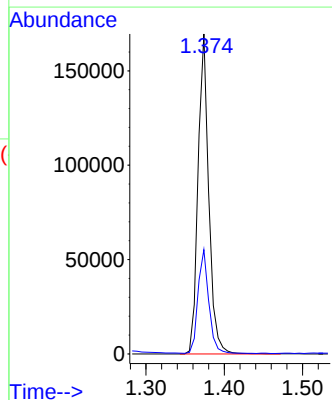
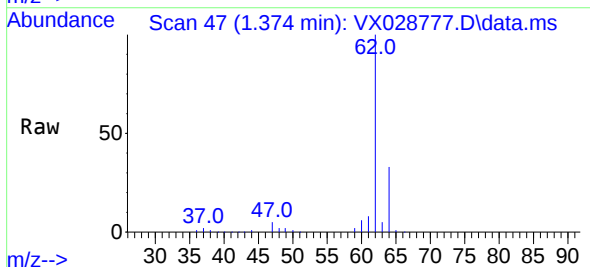
Manual Integrations
APPROVED

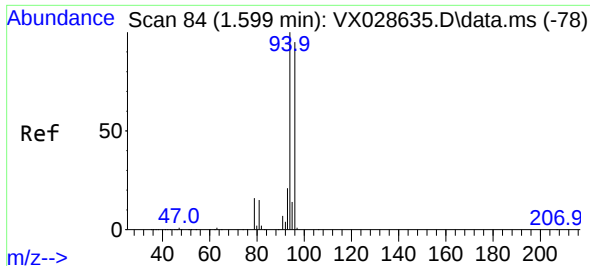
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#4
Vinyl Chloride
Concen: 43.359 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06

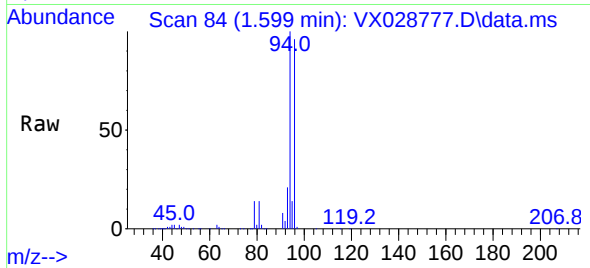
Tgt Ion: 62 Resp: 161900
Ion Ratio Lower Upper
62 100
64 32.4 25.5 38.3





#5
Bromomethane
Concen: 30.992 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06

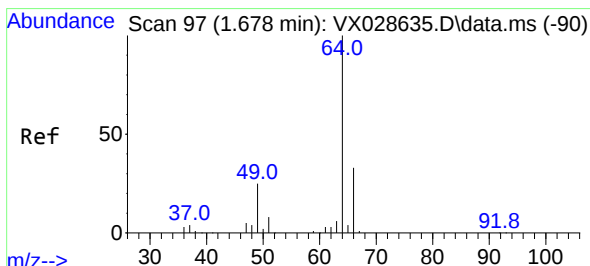
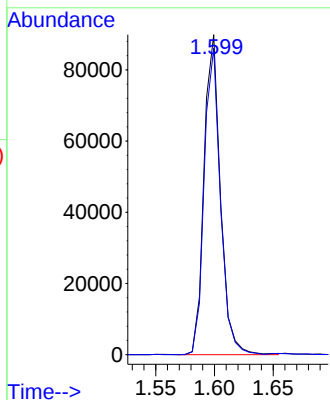
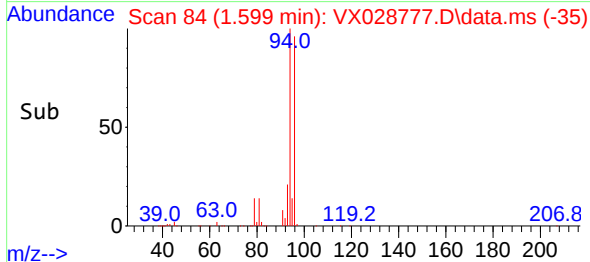
Instrument :
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Tgt Ion: 94 Resp: 87386
Ion Ratio Lower Upper
94 100
96 95.8 75.3 112.9

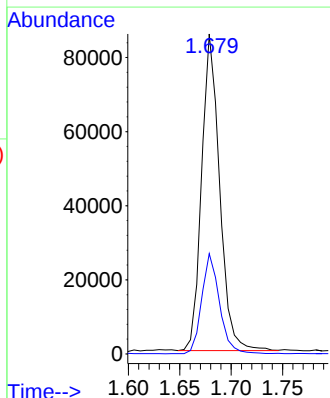
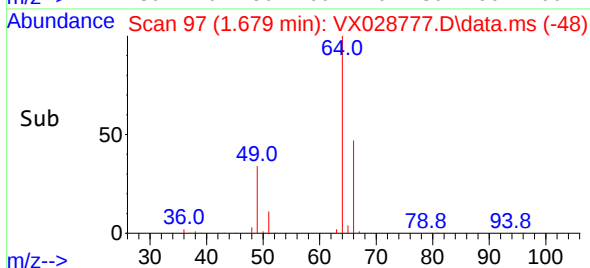
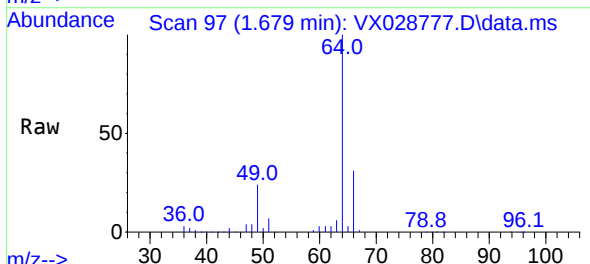
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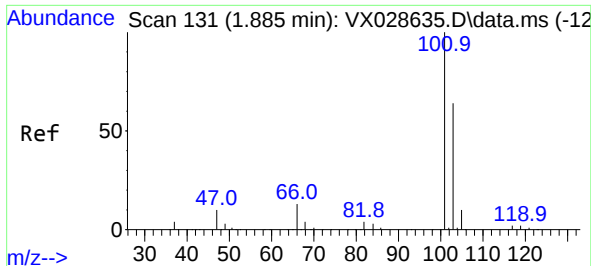
Reviewed By :John Carlone 05/18/2022
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#6
Chloroethane
Concen: 44.111 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.001 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06

Tgt Ion: 64 Resp: 104363
Ion Ratio Lower Upper
64 100
66 31.6 25.3 37.9





#7
Trichlorofluoromethane
Concen: 45.773 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06

Instrument :

MSVOA_X

ClientSampleId :

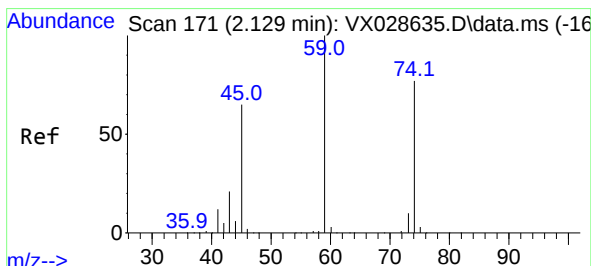
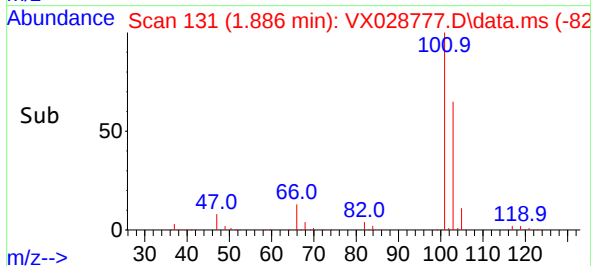
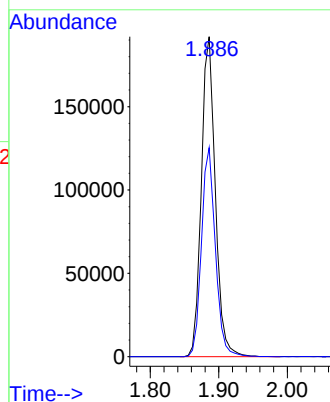
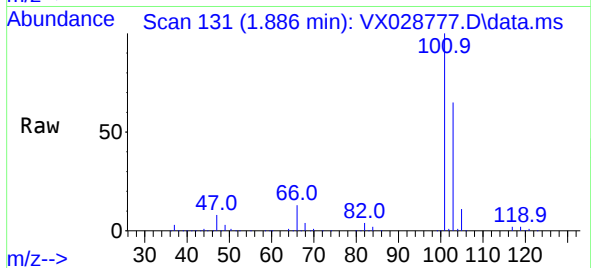
VSTDCCC050

Tgt Ion:101 Resp: 27249
Ion Ratio Lower Upper
101 100
103 65.3 50.5 75.7

Manual Integrations

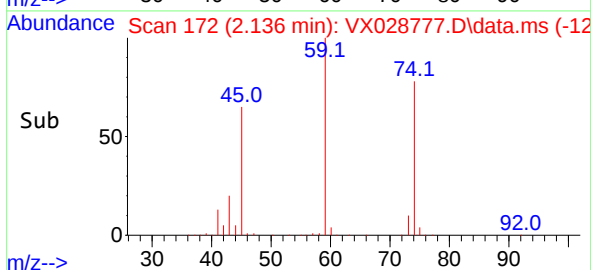
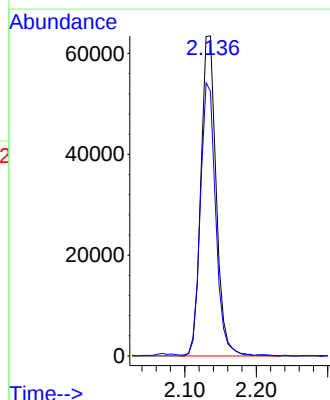
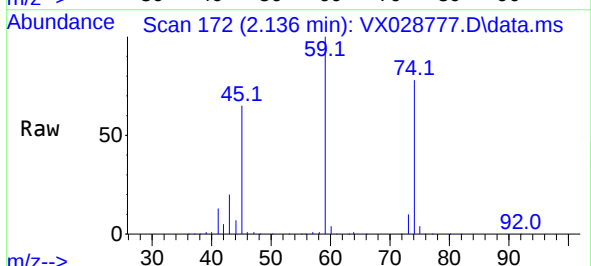
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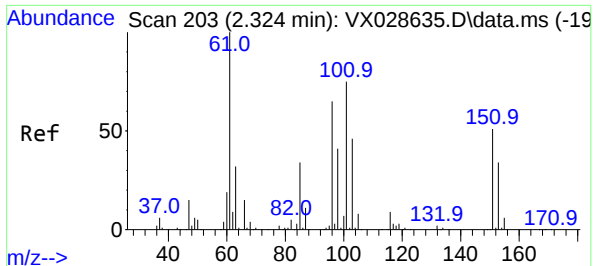
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#8
Diethyl Ether
Concen: 43.449 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.007 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06

Tgt Ion: 74 Resp: 94248
Ion Ratio Lower Upper
74 100
45 85.0 42.0 126.0





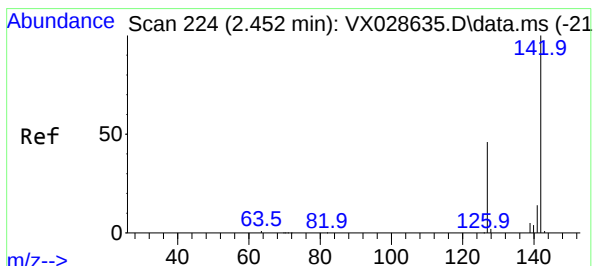
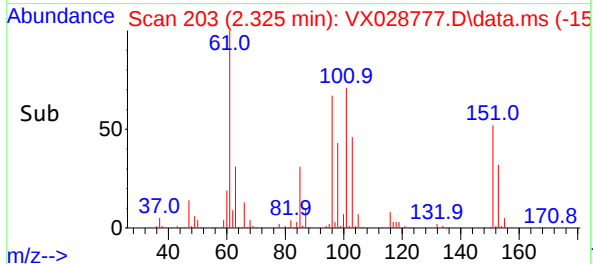
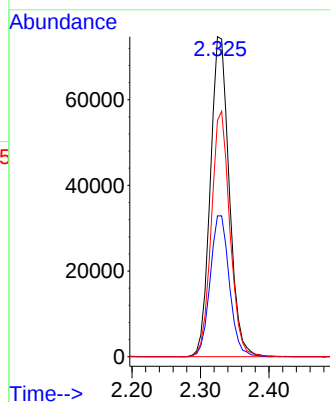
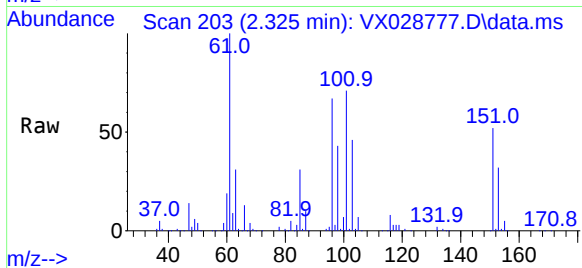
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.739 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.001 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 14328
Ion Ratio Lower Upper
101 100
85 44.8 33.5 50.3
151 75.2 61.8 92.6

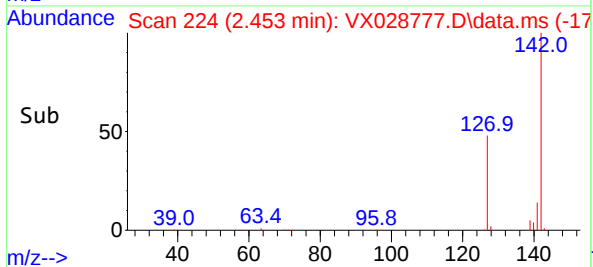
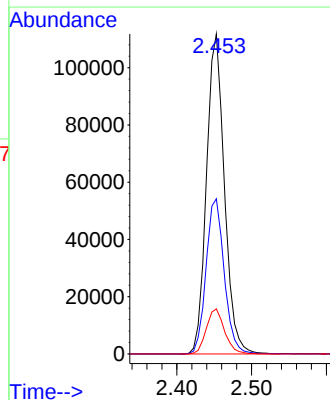
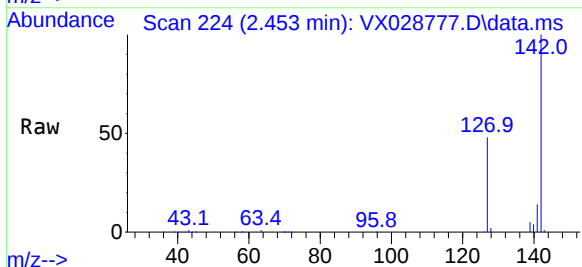
Manual Integrations
APPROVED

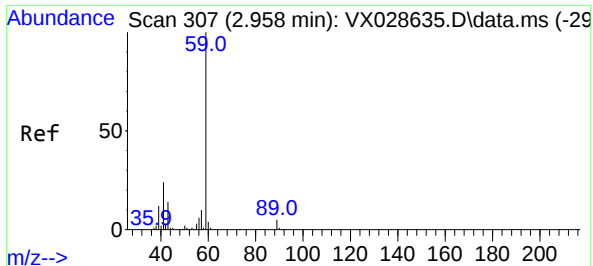
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#10
Methyl Iodide
Concen: 49.641 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06

Tgt Ion:142 Resp: 186182
Ion Ratio Lower Upper
142 100
127 49.2 33.9 50.9
141 14.4 11.4 17.2





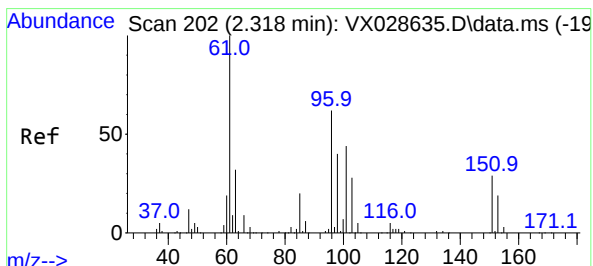
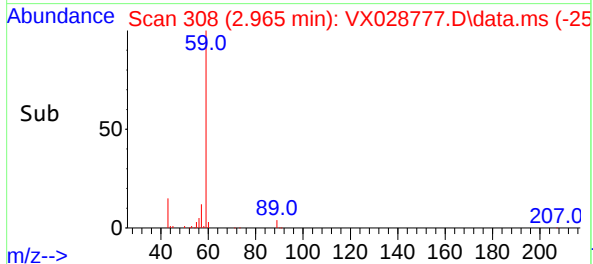
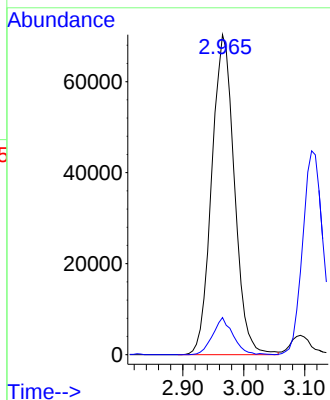
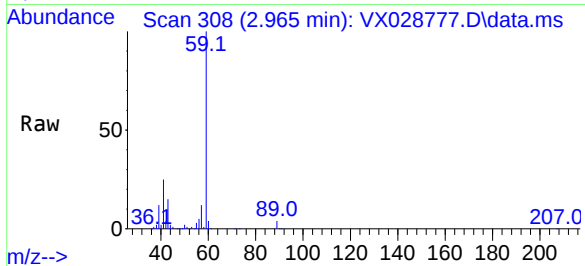
#11
Tert butyl alcohol
Concen: 221.611 ug/l
RT: 2.965 min Scan# 307
Delta R.T. 0.007 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 18188
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5

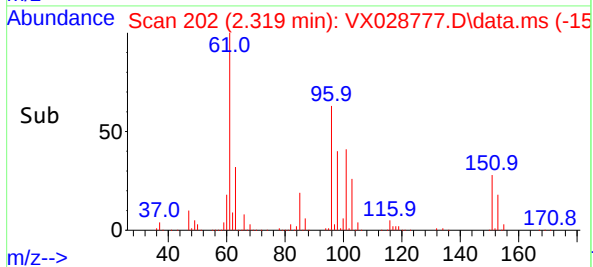
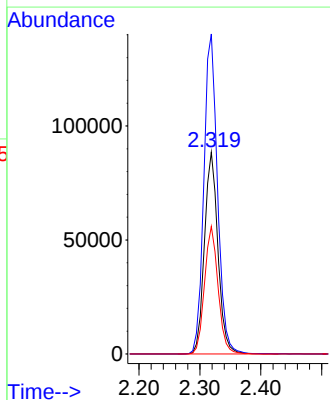
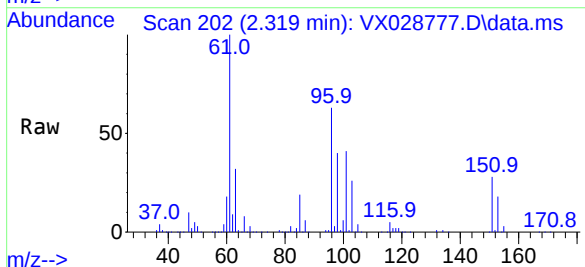
Manual Integrations
APPROVED

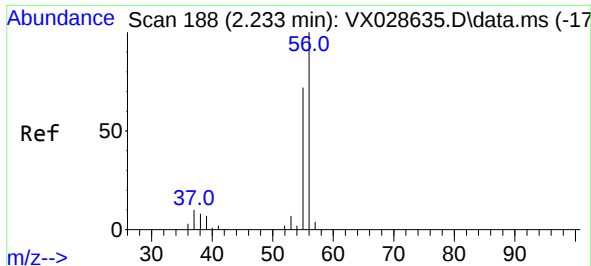
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#12
1,1-Dichloroethene
Concen: 47.020 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06

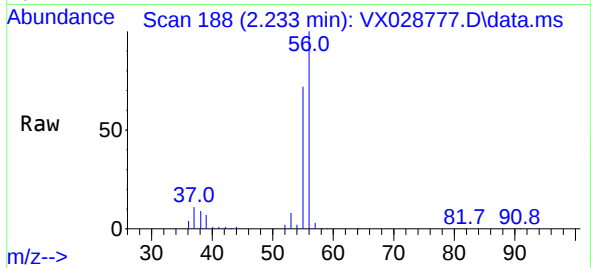
Tgt Ion: 96 Resp: 136733
Ion Ratio Lower Upper
96 100
61 158.6 124.6 187.0
98 63.2 51.0 76.4





#13
Acrolein
Concen: 192.433 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06

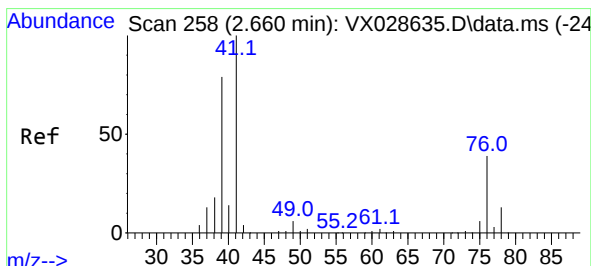
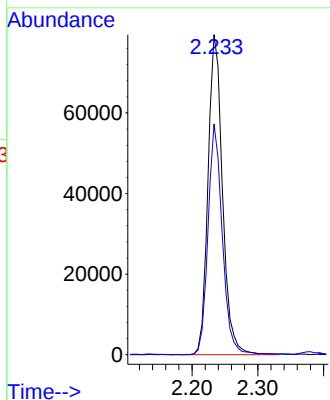
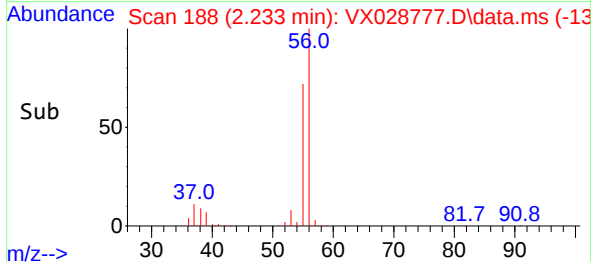
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



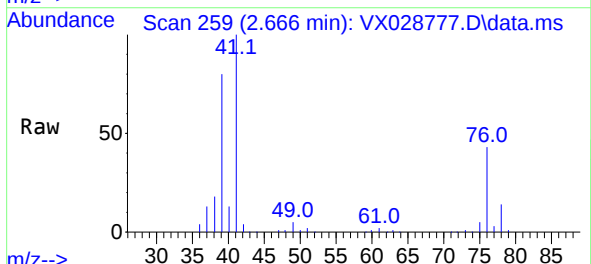
Tgt Ion: 56 Resp: 121654
Ion Ratio Lower Upper
56 100
55 71.1 55.0 82.6

Manual Integrations
APPROVED

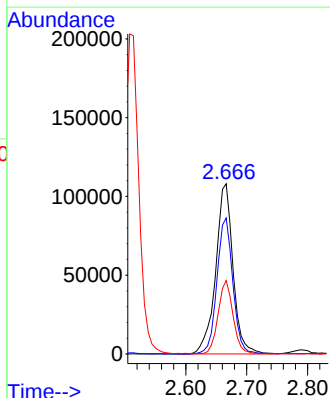
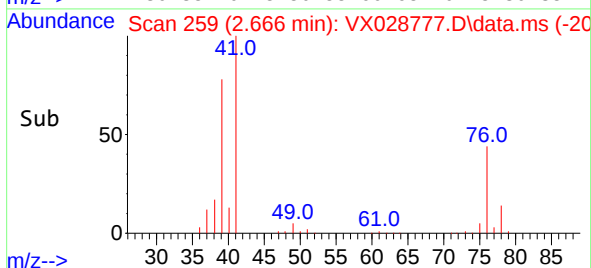
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#14
Allyl chloride
Concen: 45.833 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06



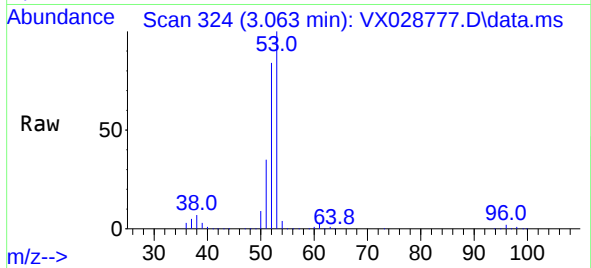
Tgt Ion: 41 Resp: 213769
Ion Ratio Lower Upper
41 100
39 73.3 50.4 75.6
76 36.9 32.7 49.1





#15
Acrylonitrile
Concen: 221.035 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.001 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06

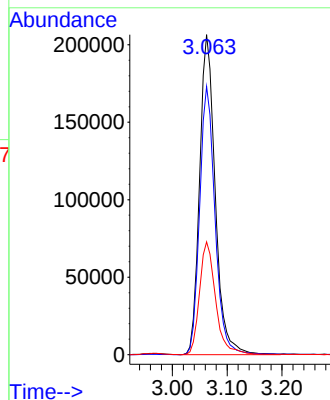
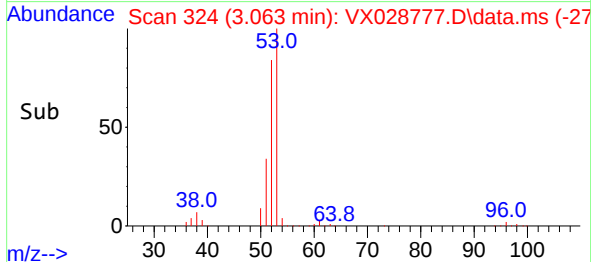
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 41017
Ion Ratio Lower Upper
53 100
52 82.5 65.7 98.5
51 36.3 28.4 42.6

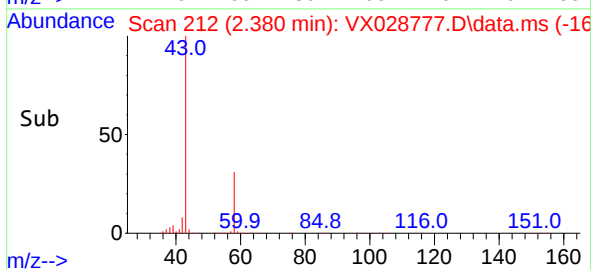
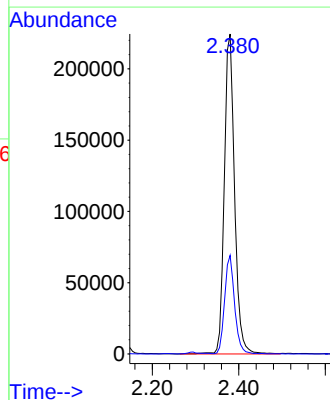
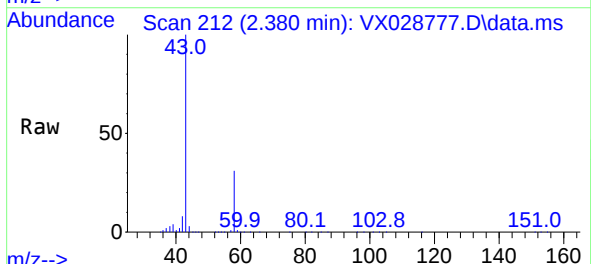
Manual Integrations
APPROVED

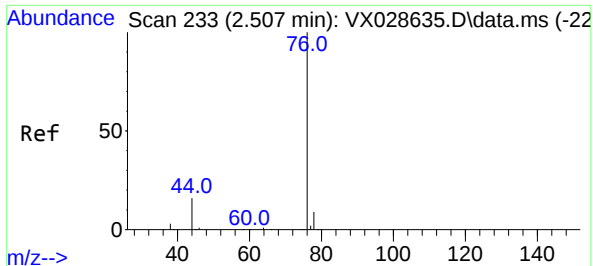
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#16
Acetone
Concen: 224.579 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.007 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06

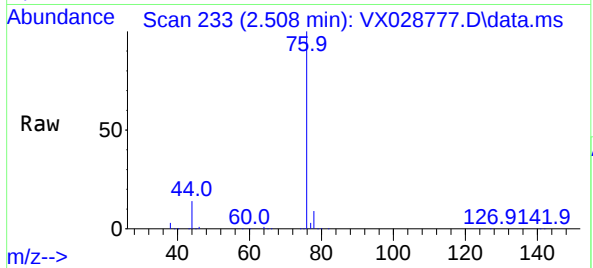
Tgt Ion: 43 Resp: 371229
Ion Ratio Lower Upper
43 100
58 30.8 28.8 43.2





#17
Carbon Disulfide
Concen: 44.318 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06

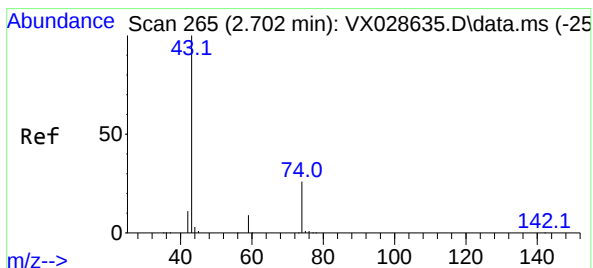
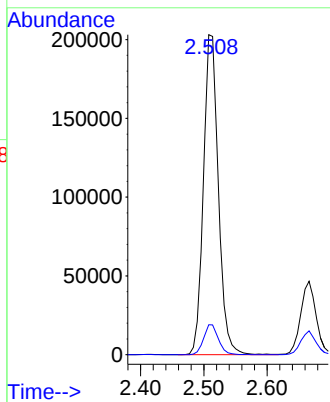
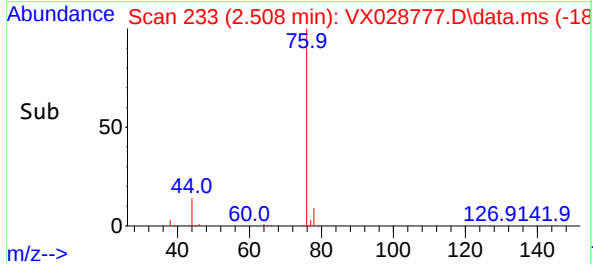
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



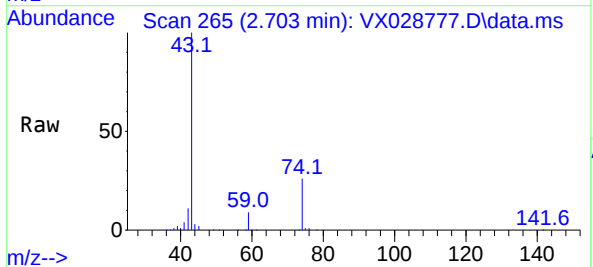
Tgt Ion: 76 Resp: 33407
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8

Manual Integrations
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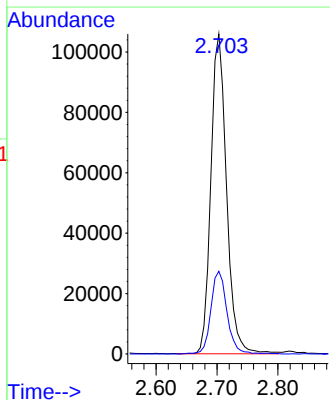
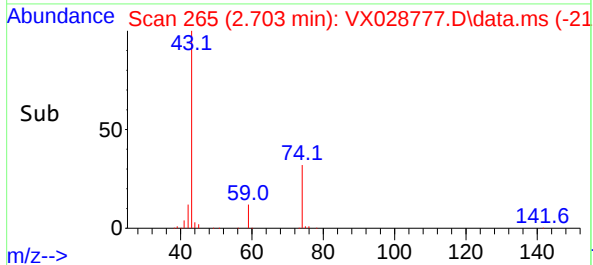
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#18
Methyl Acetate
Concen: 45.598 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.001 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06



Tgt Ion: 43 Resp: 188780
Ion Ratio Lower Upper
43 100
74 26.6 22.8 34.2





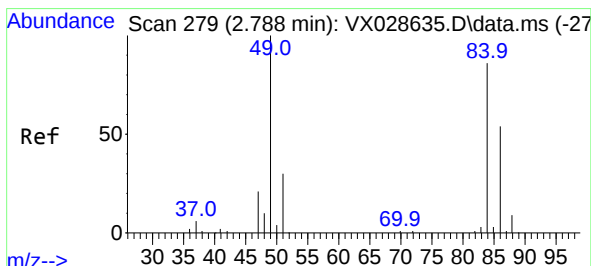
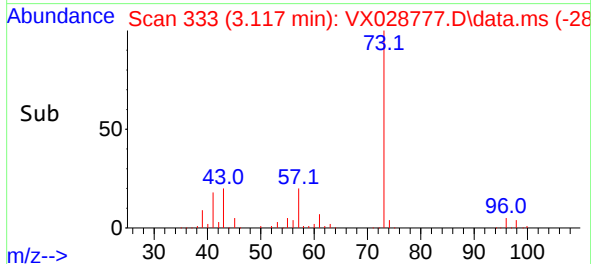
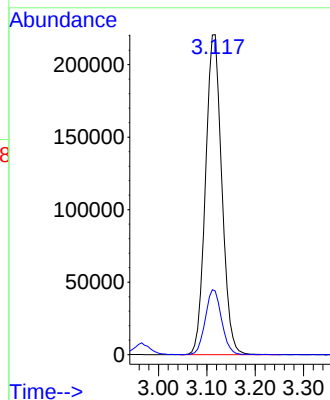
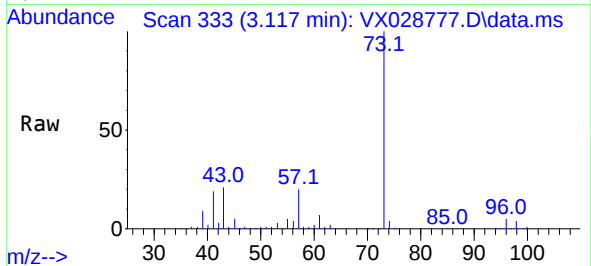
#19
Methyl tert-butyl Ether
Concen: 49.976 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 515729
Ion Ratio Lower Upper
73 100
57 19.9 16.8 25.2

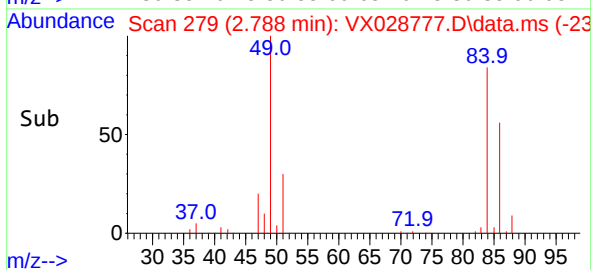
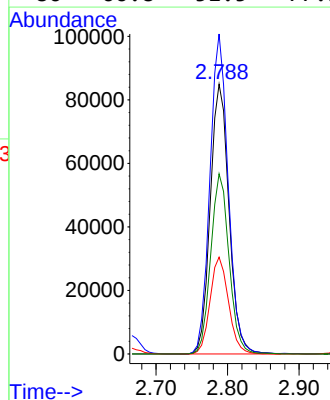
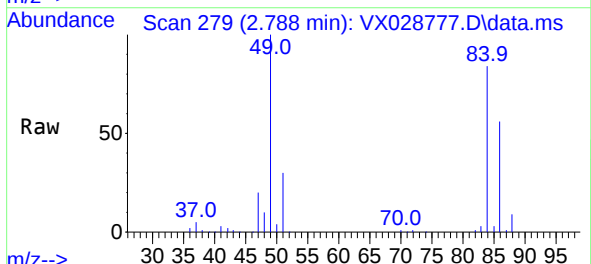
Manual Integrations
APPROVED

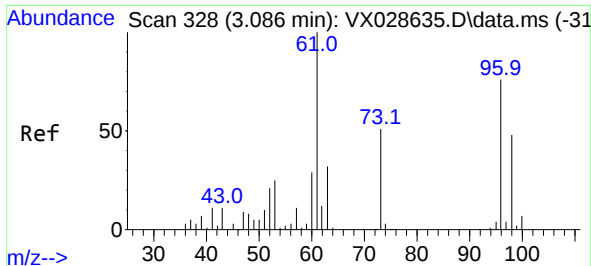
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#20
Methylene Chloride
Concen: 44.642 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06

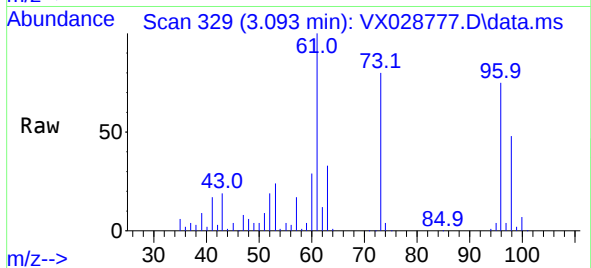
Tgt Ion: 84 Resp: 154814
Ion Ratio Lower Upper
84 100
49 118.7 85.5 128.3
51 35.9 26.6 39.8
86 66.8 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 45.573 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06

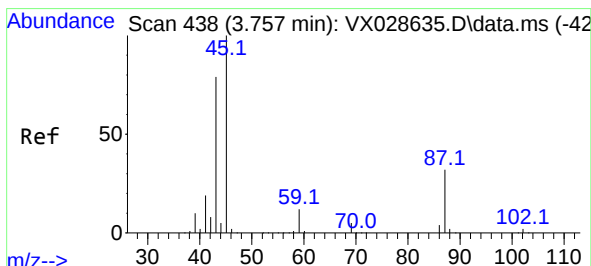
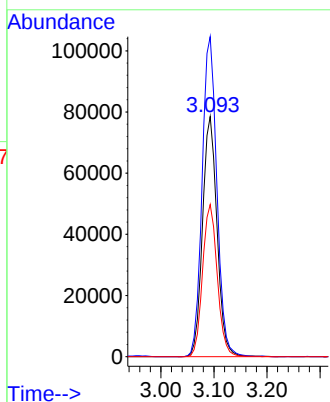
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



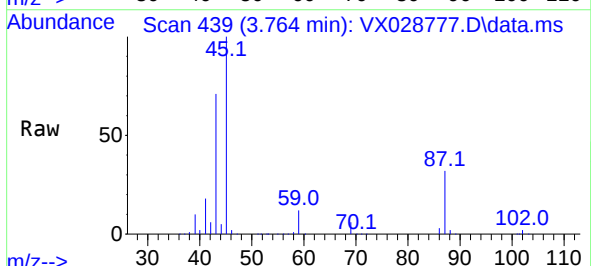
Tgt Ion: 96 Resp: 14927
Ion Ratio Lower Upper
96 100
61 133.2 105.4 158.2
98 63.4 50.0 75.0

Manual Integrations
APPROVED

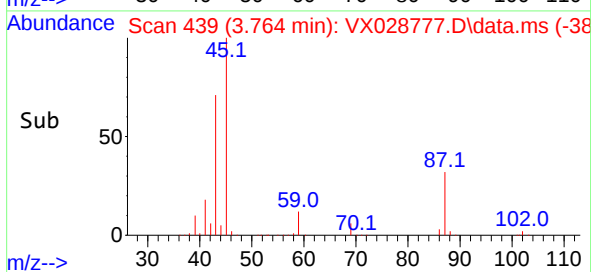
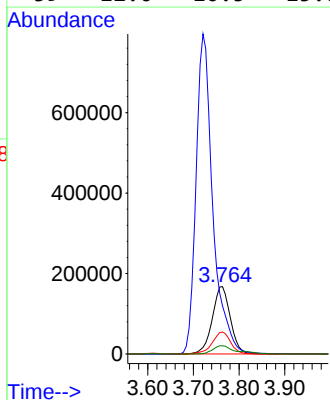
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

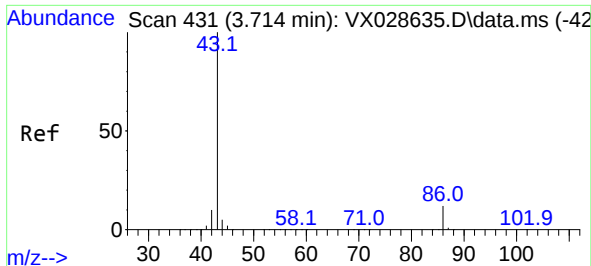


#22
Diisopropyl ether
Concen: 45.940 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.007 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06



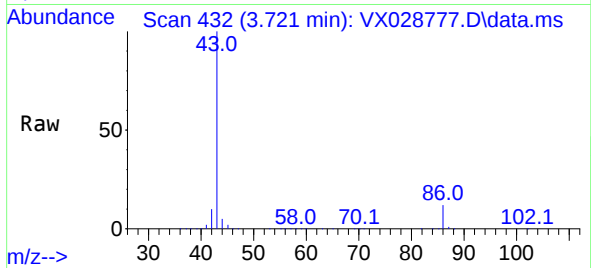
Tgt Ion: 45 Resp: 457882
Ion Ratio Lower Upper
45 100
43 71.1 50.8 76.2
87 32.4 26.6 39.8
59 12.0 10.5 15.7





#23
 Vinyl Acetate
 Concen: 235.578 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.007 min
 Lab File: VX028777.D
 Acq: 17 May 2022 23:06

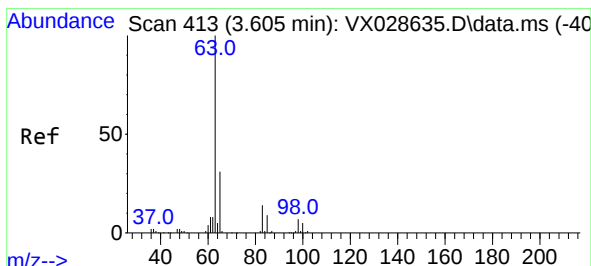
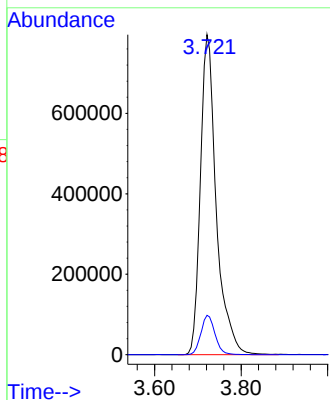
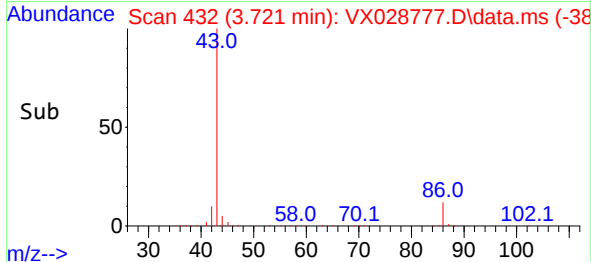
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 2024159
 Ion Ratio Lower Upper
 43 100
 86 12.3 10.8 16.2

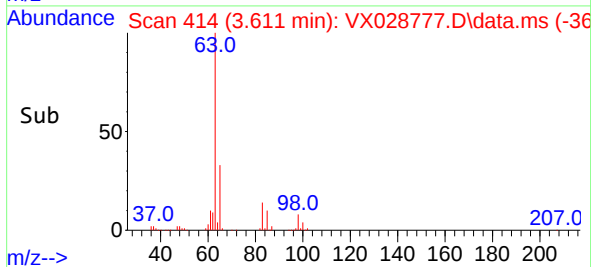
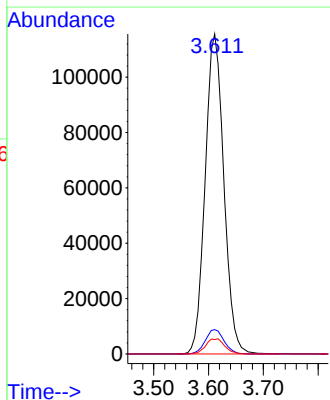
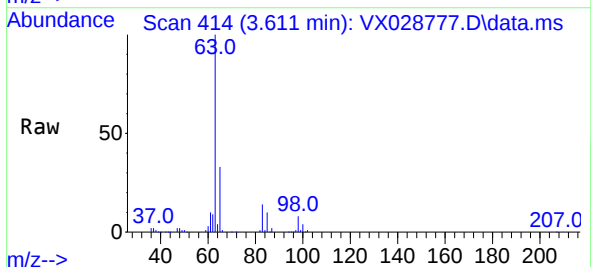
Manual Integrations
 APPROVED

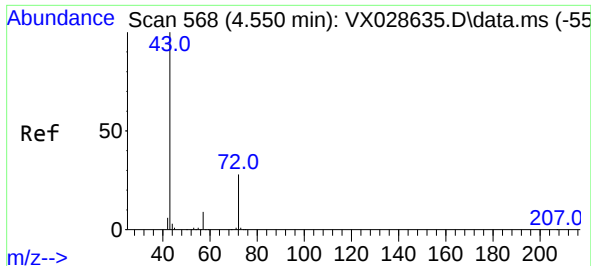
Reviewed By :John Carlone 05/18/2022
 Supervised By :Mahesh Dadoda 05/18/2022



#24
 1,1-Dichloroethane
 Concen: 47.130 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX028777.D
 Acq: 17 May 2022 23:06

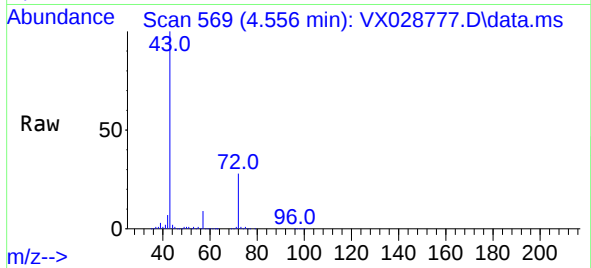
Tgt Ion: 63 Resp: 273089
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.9 11.7
 100 4.5 2.4 7.2





#25
2-Butanone
Concen: 219.436 ug/l
RT: 4.556 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06

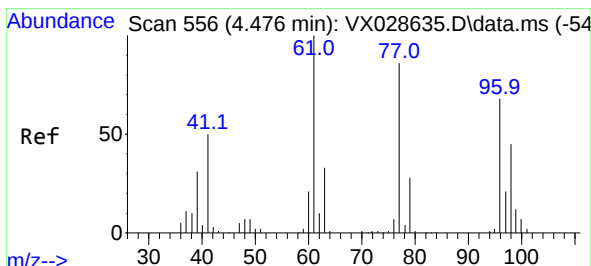
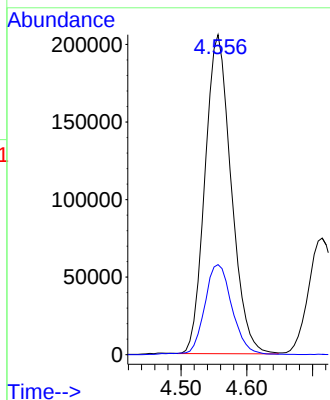
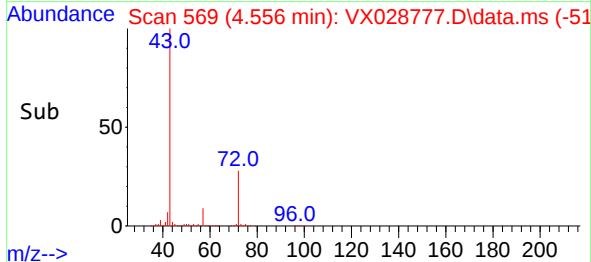
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 56936
Ion Ratio Lower Upper
43 100
72 28.1 24.4 36.6

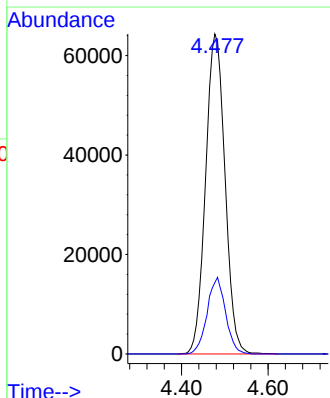
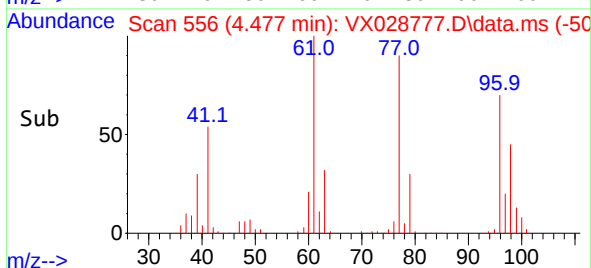
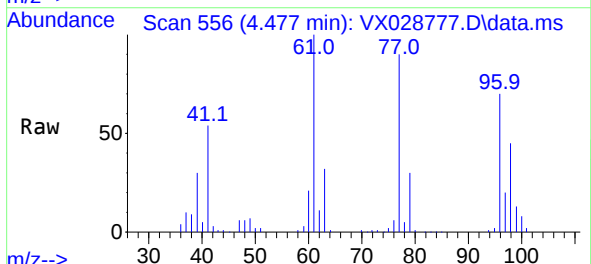
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#26
2,2-Dichloropropane
Concen: 44.089 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.001 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06

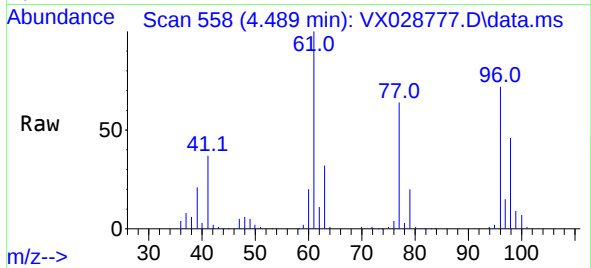
Tgt Ion: 77 Resp: 200303
Ion Ratio Lower Upper
77 100
97 22.7 11.8 35.4





#27
cis-1,2-Dichloroethene
Concen: 46.431 ug/l
RT: 4.489 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06

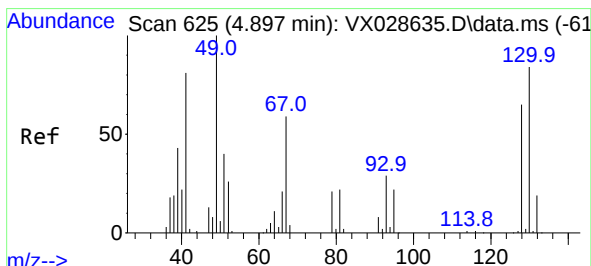
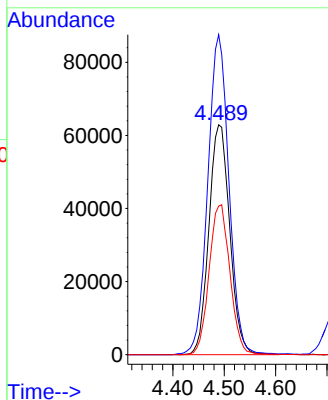
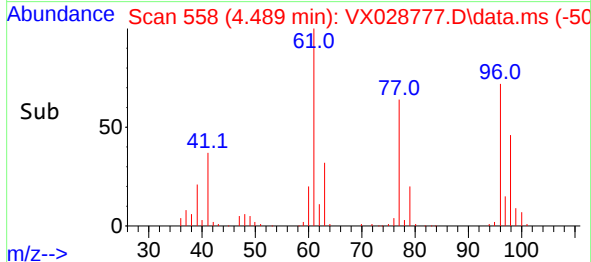
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



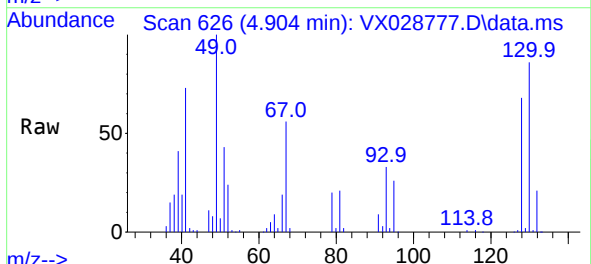
Tgt Ion: 96 Resp: 177628
Ion Ratio Lower Upper
96 100
61 140.6 0.0 283.8
98 65.1 0.0 129.8

Manual Integrations
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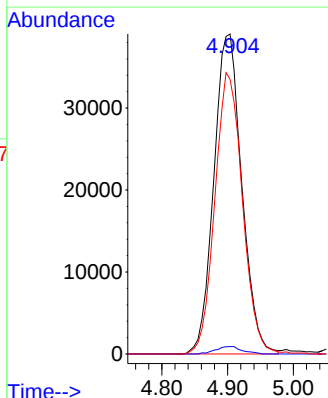
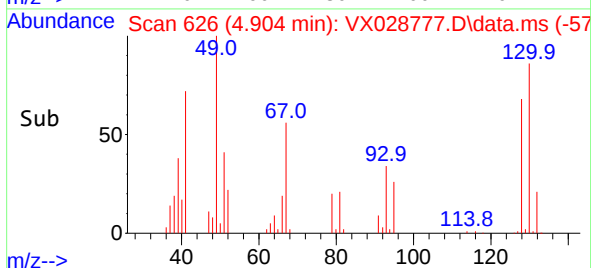
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

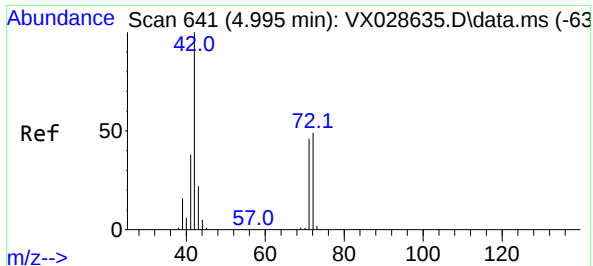


#28
Bromochloromethane
Concen: 47.248 ug/l
RT: 4.904 min Scan# 626
Delta R.T. 0.007 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06



Tgt Ion: 49 Resp: 115237
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.4
130 87.0 70.7 106.1





#29

Tetrahydrofuran

Concen: 215.083 ug/l

RT: 5.001 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX028777.D

Acq: 17 May 2022 23:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 36275

Ion Ratio Lower Upper

42 100

72 51.2 44.1 66.1

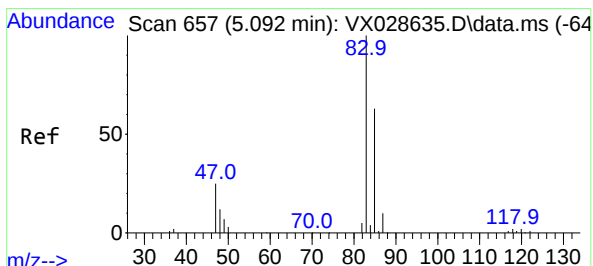
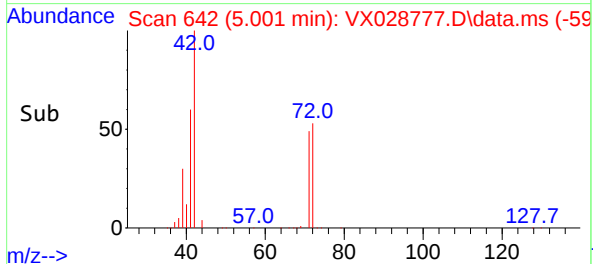
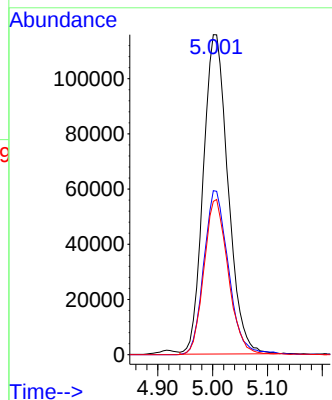
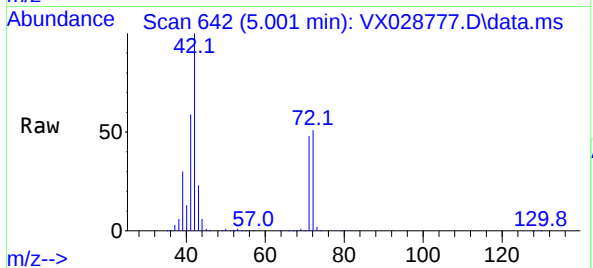
71 47.5 40.5 60.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#30

Chloroform

Concen: 48.190 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.007 min

Lab File: VX028777.D

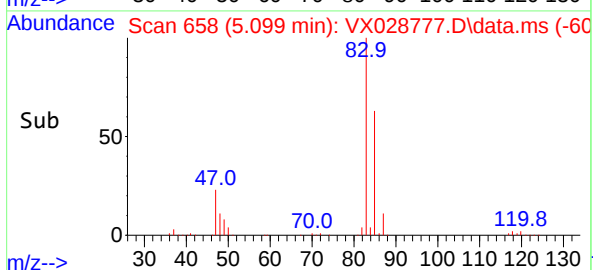
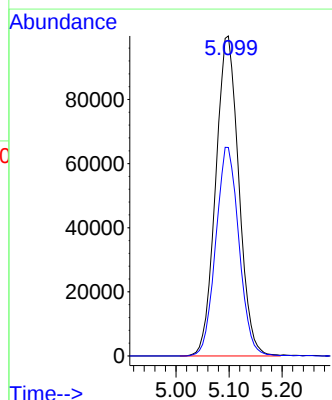
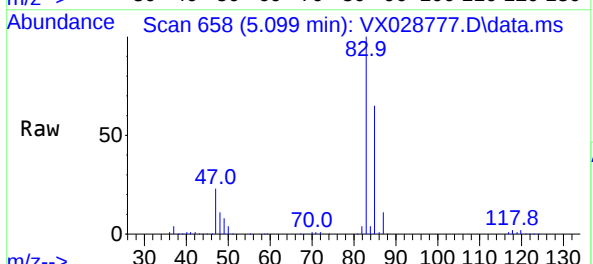
Acq: 17 May 2022 23:06

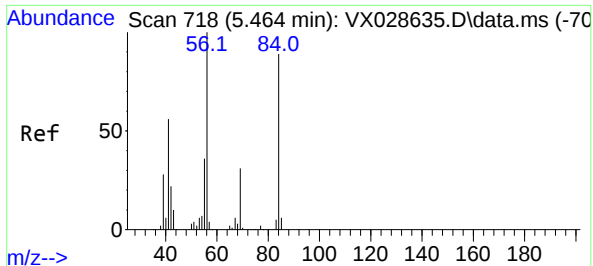
Tgt Ion: 83 Resp: 302200

Ion Ratio Lower Upper

83 100

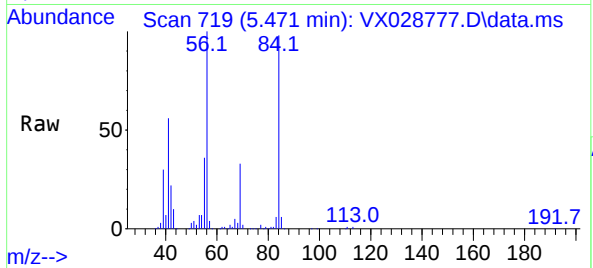
85 65.1 52.7 79.1





#31
Cyclohexane
Concen: 44.046 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.007 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06

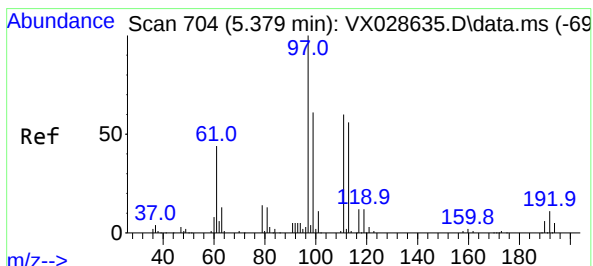
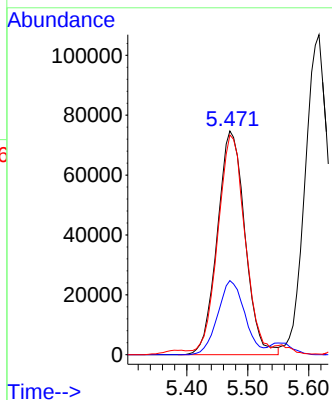
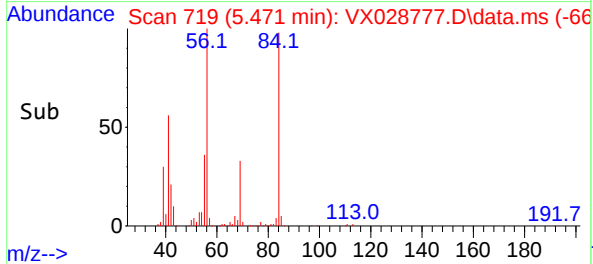
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



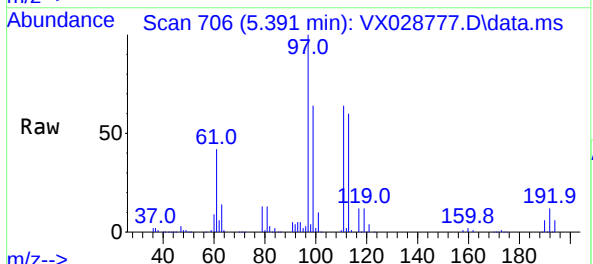
Tgt Ion: 56 Resp: 235479
Ion Ratio Lower Upper
56 100
69 33.1 26.7 40.1
84 96.3 77.2 115.8

Manual Integrations
APPROVED

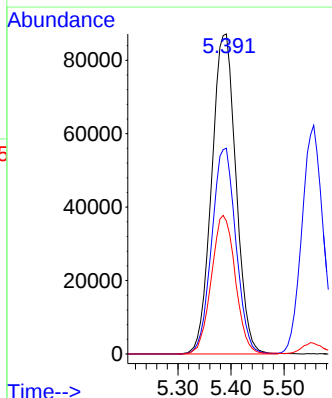
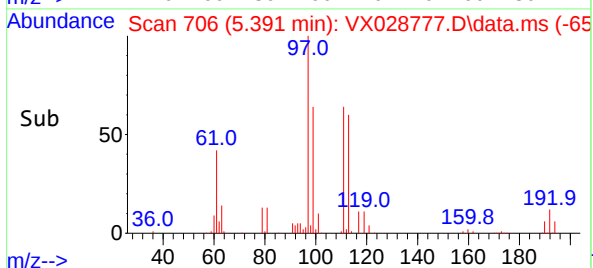
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#32
1,1,1-Trichloroethane
Concen: 50.630 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.012 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06



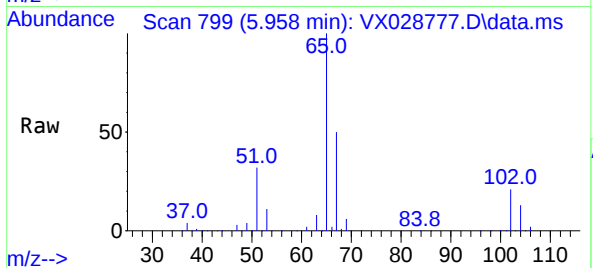
Tgt Ion: 97 Resp: 277178
Ion Ratio Lower Upper
97 100
99 64.0 51.8 77.6
61 42.9 34.0 51.0





#33
1,2-Dichloroethane-d4
Concen: 52.571 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06

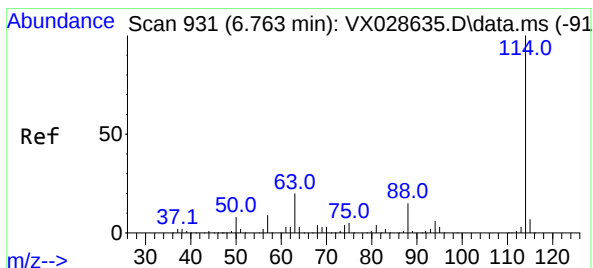
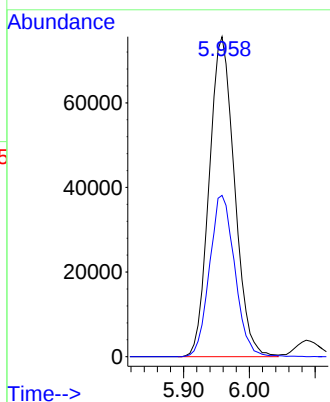
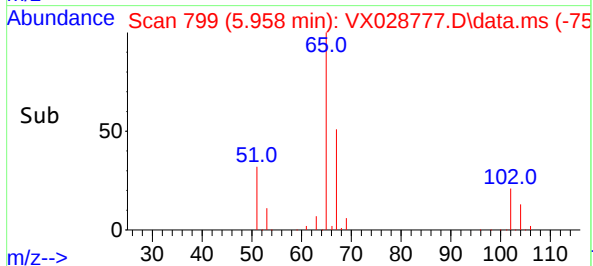
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



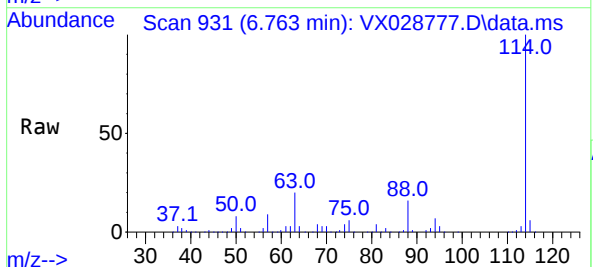
Tgt Ion: 65 Resp: 202480
Ion Ratio Lower Upper
65 100
67 50.4 0.0 107.4

Manual Integrations
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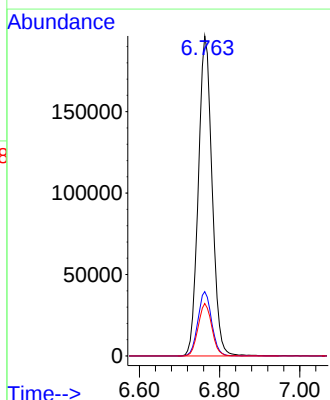
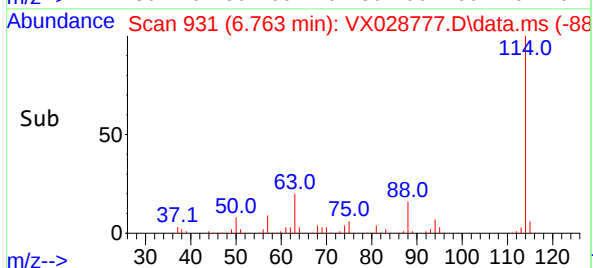
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

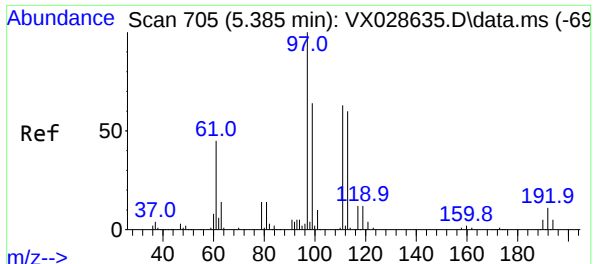


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06



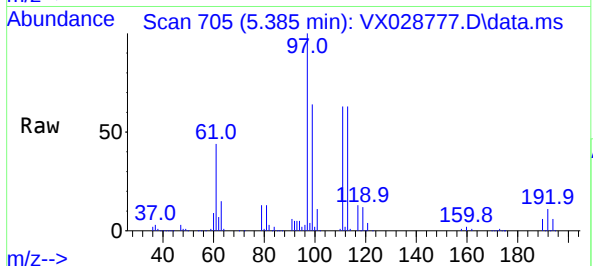
Tgt Ion:114 Resp: 468212
Ion Ratio Lower Upper
114 100
63 20.1 0.0 36.8
88 16.4 0.0 32.4





#35
Dibromofluoromethane
Concen: 51.619 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06

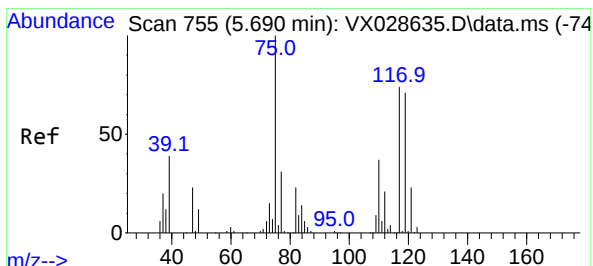
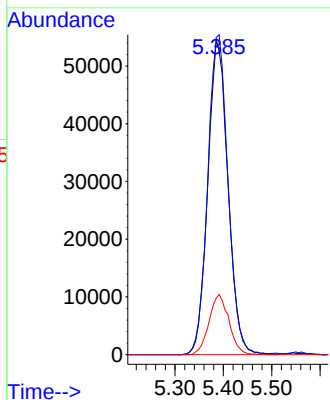
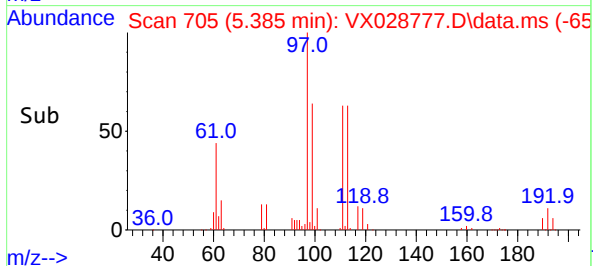
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



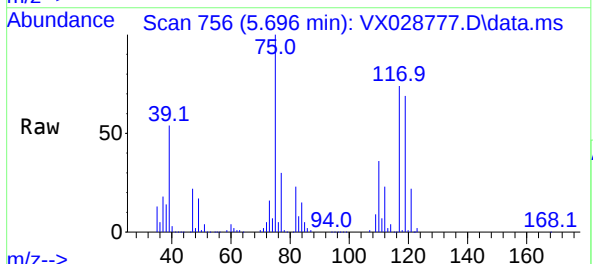
Tgt Ion: 113 Resp: 158348
Ion Ratio Lower Upper
113 100
111 102.2 82.8 124.2
192 18.9 16.9 25.3

Manual Integrations
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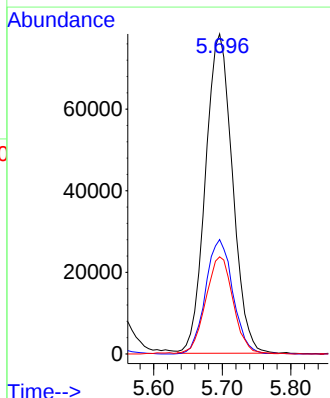
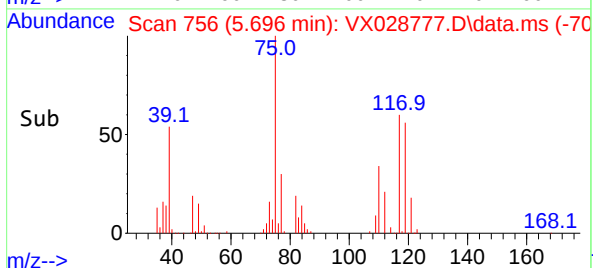
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

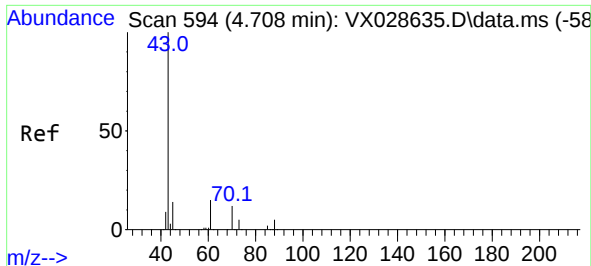


#36
1,1-Dichloropropene
Concen: 46.422 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06



Tgt Ion: 75 Resp: 213891
Ion Ratio Lower Upper
75 100
110 36.2 18.3 54.8
77 30.7 24.8 37.2





#37

Ethyl Acetate

Concen: 46.333 ug/l

RT: 4.715 min Scan# 594

Delta R.T. 0.007 min

Lab File: VX028777.D

Acq: 17 May 2022 23:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 222970

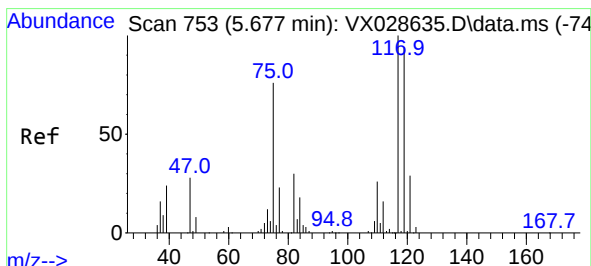
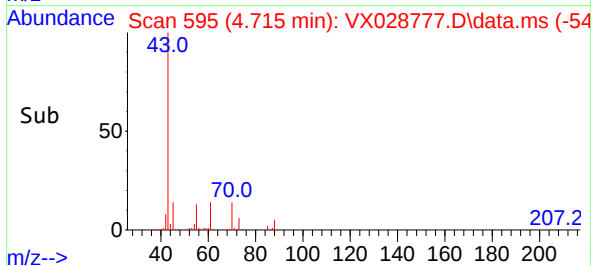
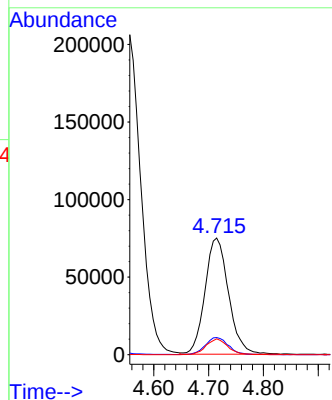
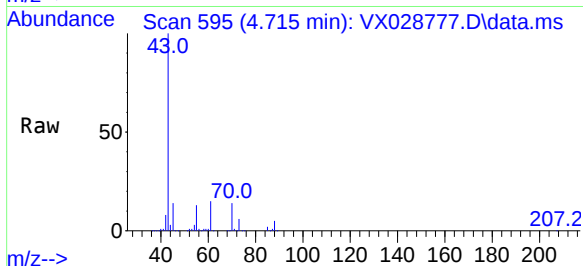
Ion	Ratio	Lower	Upper
43	100		
61	14.2	12.6	19.0
70	12.5	10.2	15.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#38

Carbon Tetrachloride

Concen: 51.570 ug/l

RT: 5.678 min Scan# 753

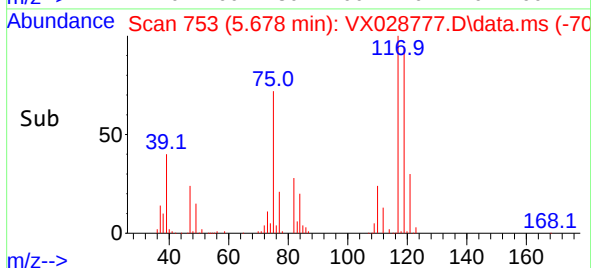
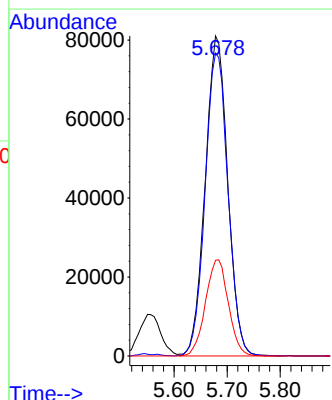
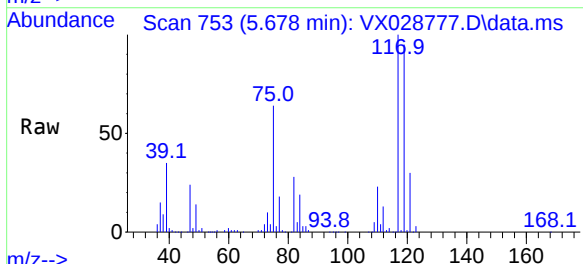
Delta R.T. 0.001 min

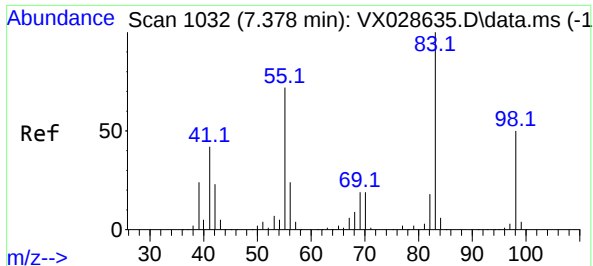
Lab File: VX028777.D

Acq: 17 May 2022 23:06

Tgt Ion:117 Resp: 239125

Ion	Ratio	Lower	Upper
117	100		
119	94.6	77.3	115.9
121	29.9	24.2	36.2





#39

Methylcyclohexane

Concen: 45.721 ug/l

RT: 7.385 min Scan# 1032

Delta R.T. 0.007 min

Lab File: VX028777.D

Acq: 17 May 2022 23:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 24159

Ion Ratio Lower Upper

83 100

55 67.9 54.6 81.8

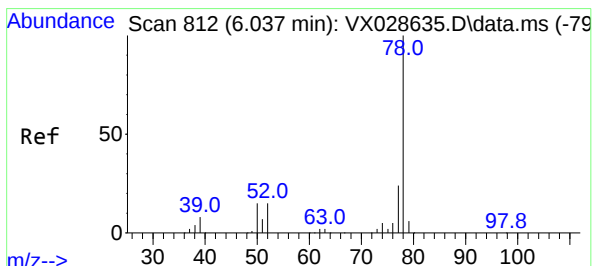
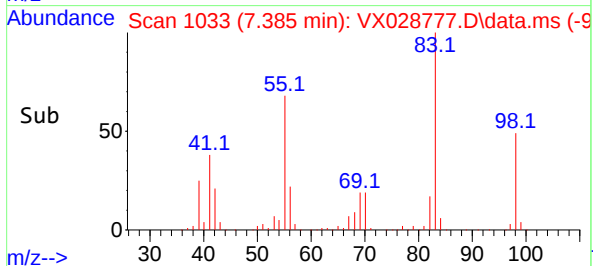
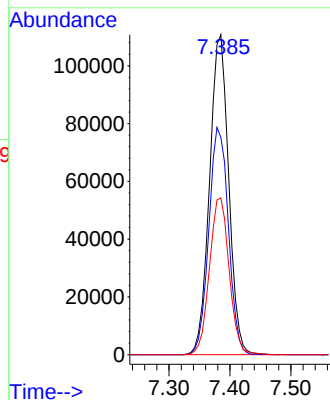
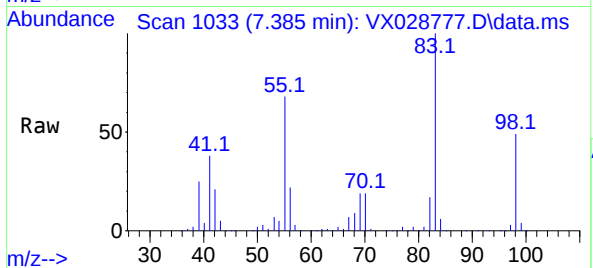
98 49.0 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#40

Benzene

Concen: 46.388 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.001 min

Lab File: VX028777.D

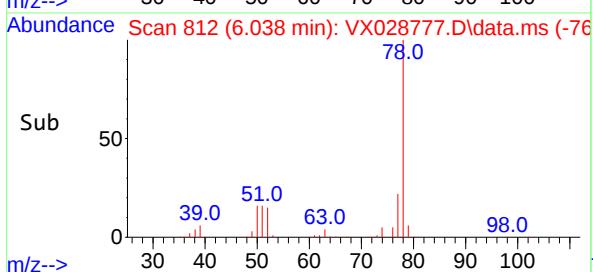
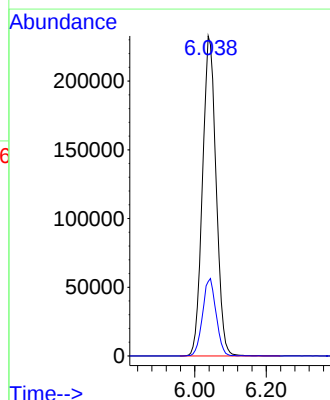
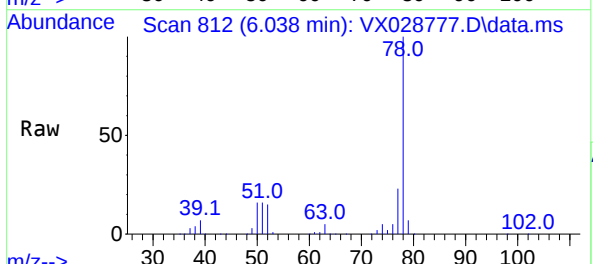
Acq: 17 May 2022 23:06

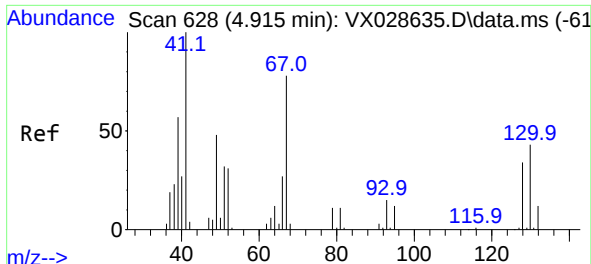
Tgt Ion: 78 Resp: 614274

Ion Ratio Lower Upper

78 100

77 23.2 19.3 28.9





#41
Methacrylonitrile
Concen: 48.828 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06

Instrument :

MSVOA_X

ClientSampleId :

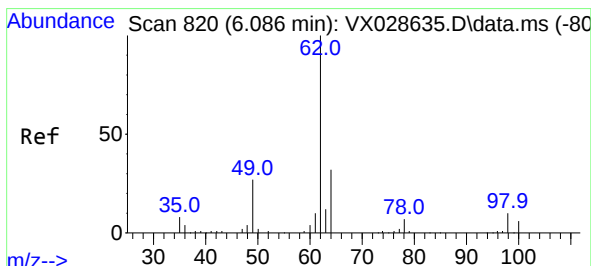
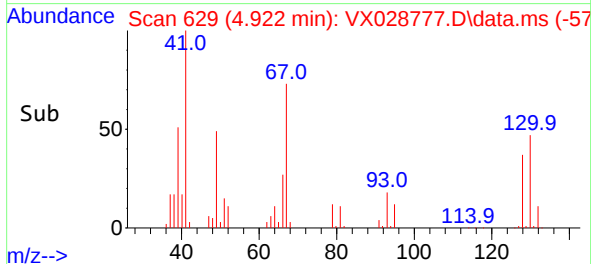
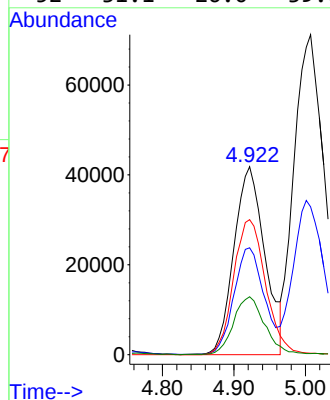
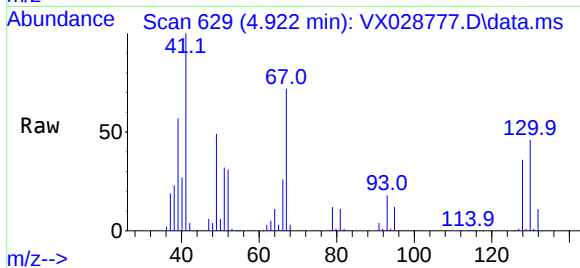
VSTDCCC050

Tgt Ion: 41 Resp: 125993
Ion Ratio Lower Upper
41 100
39 54.5 43.0 64.4
67 74.8 70.2 105.4
52 31.1 26.0 39.0

Manual Integrations

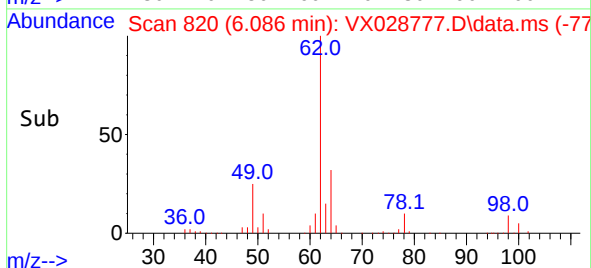
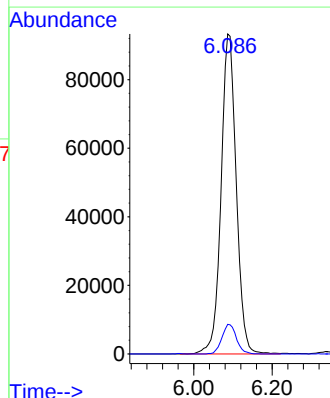
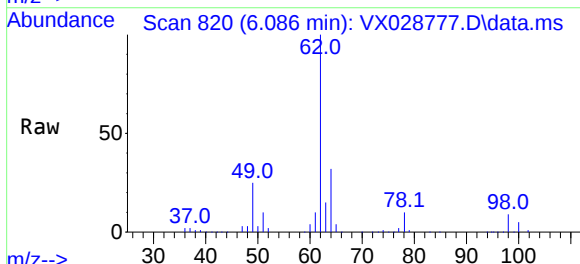
APPROVED

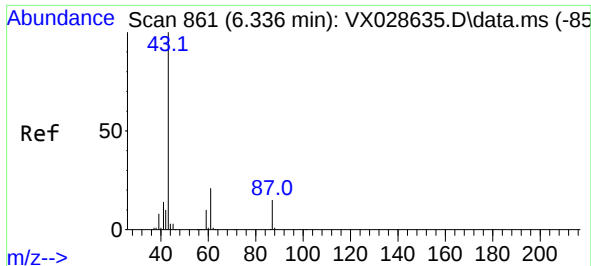
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#42
1,2-Dichloroethane
Concen: 51.495 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06

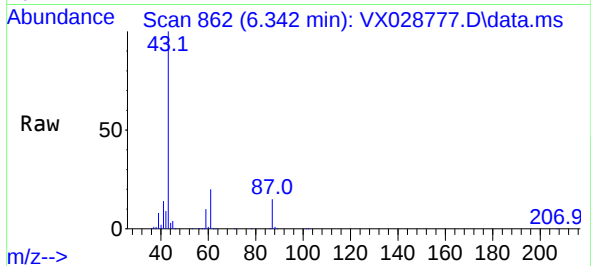
Tgt Ion: 62 Resp: 251524
Ion Ratio Lower Upper
62 100
98 8.9 0.0 20.4





#43
Isopropyl Acetate
Concen: 48.029 ug/l
RT: 6.342 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06

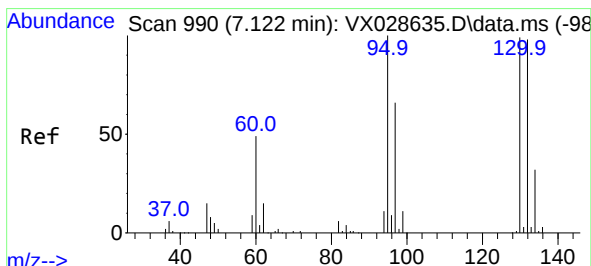
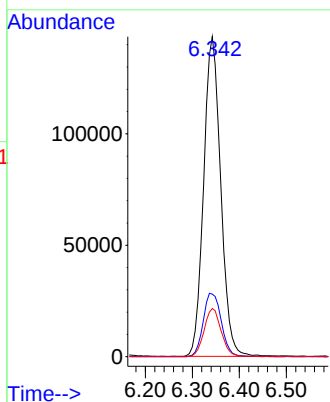
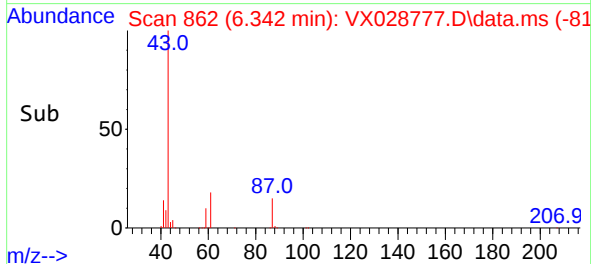
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 361609
Ion Ratio Lower Upper
43 100
61 21.0 18.5 27.7
87 15.1 13.0 19.6

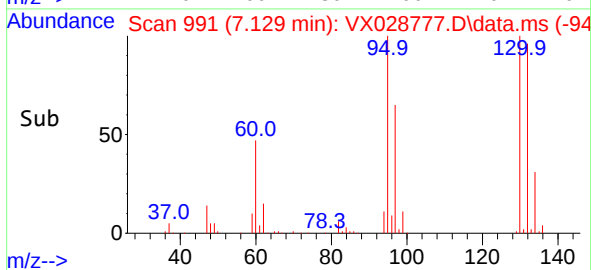
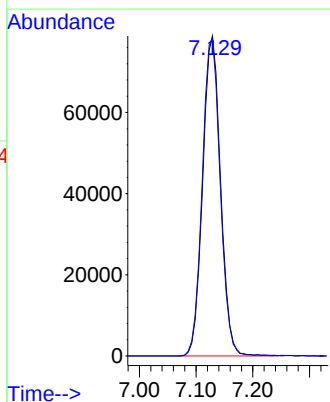
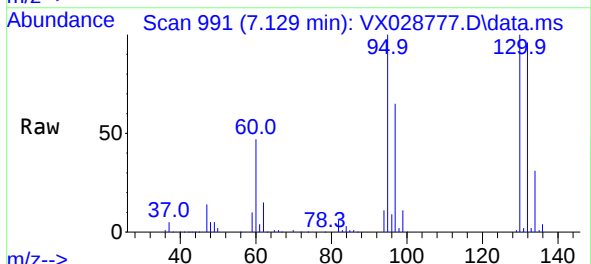
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#44
Trichloroethene
Concen: 47.981 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06

Tgt Ion:130 Resp: 172317
Ion Ratio Lower Upper
130 100
95 99.5 0.0 188.8





#45

1,2-Dichloropropane

Concen: 46.850 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.007 min

Lab File: VX028777.D

Acq: 17 May 2022 23:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 154780

Ion Ratio Lower Upper

63 100

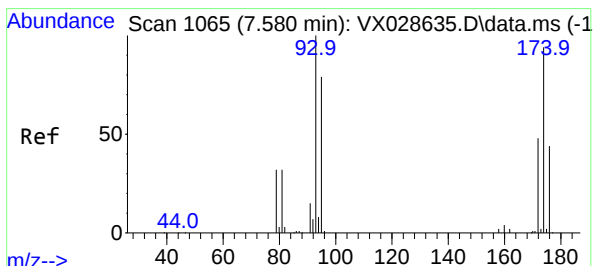
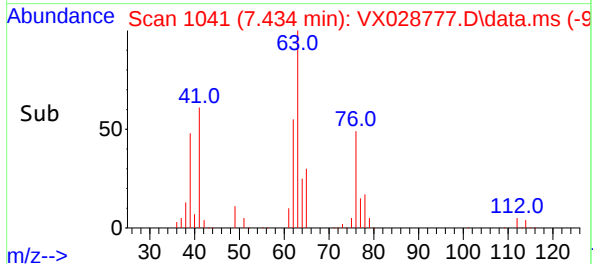
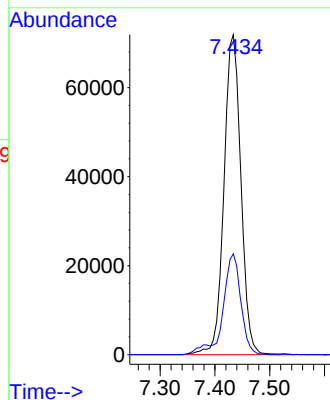
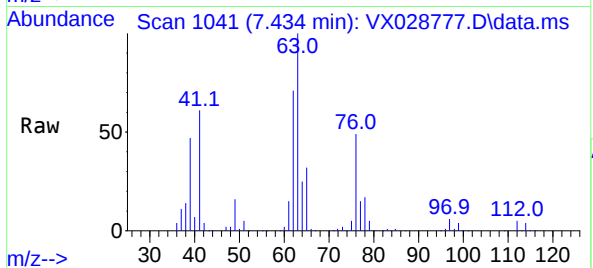
65 31.5 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#46

Dibromomethane

Concen: 48.326 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX028777.D

Acq: 17 May 2022 23:06

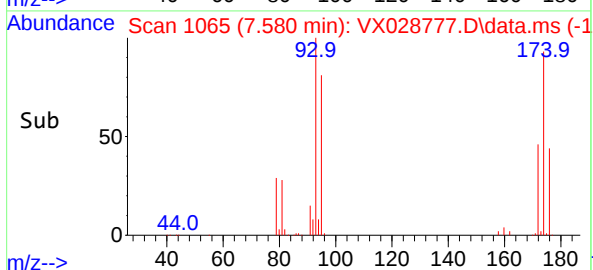
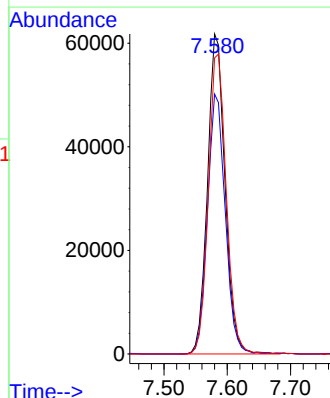
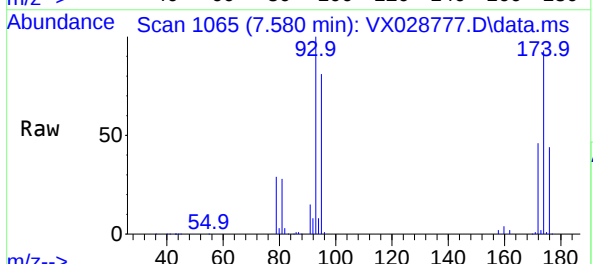
Tgt Ion: 93 Resp: 119234

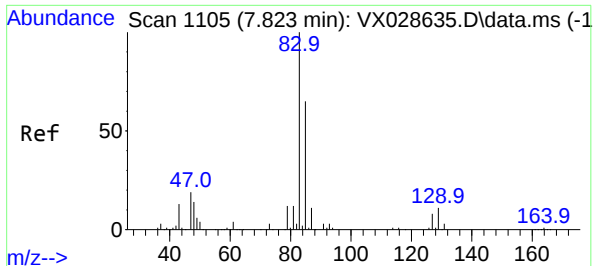
Ion Ratio Lower Upper

93 100

95 82.4 65.8 98.6

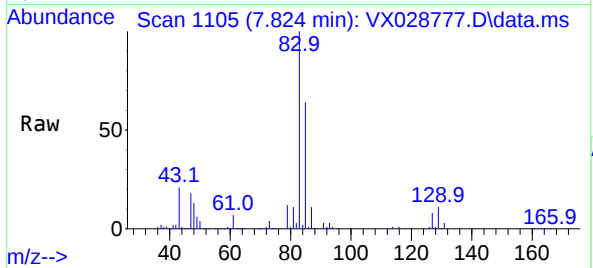
174 95.5 85.4 128.2





#47
Bromodichloromethane
Concen: 49.304 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06

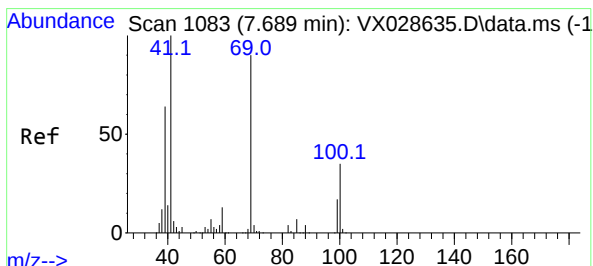
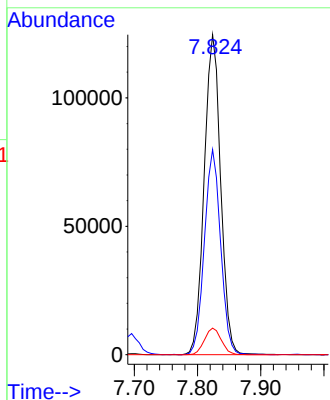
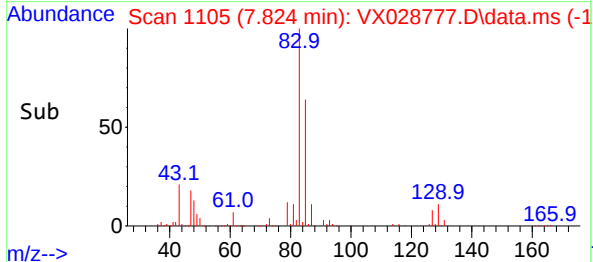
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



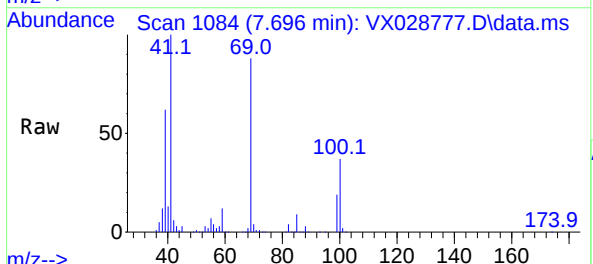
Tgt Ion: 83 Resp: 225849
Ion Ratio Lower Upper
83 100
85 64.1 52.2 78.2
127 8.3 6.8 10.2

Manual Integrations
APPROVED

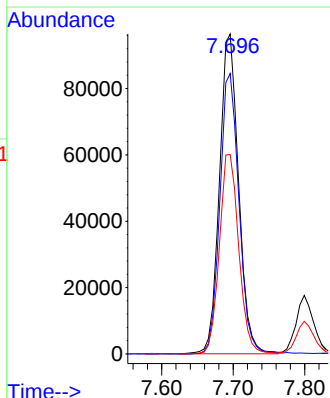
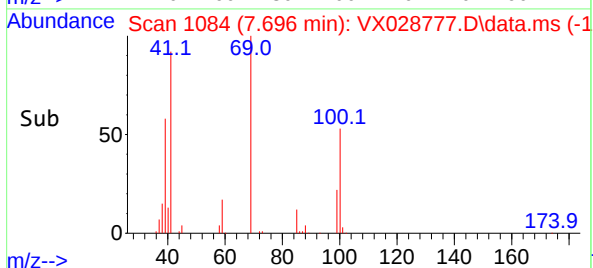
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

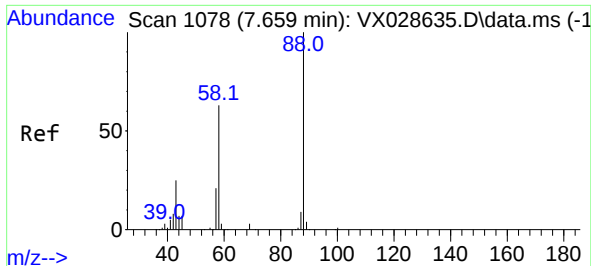


#48
Methyl methacrylate
Concen: 49.147 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.007 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06



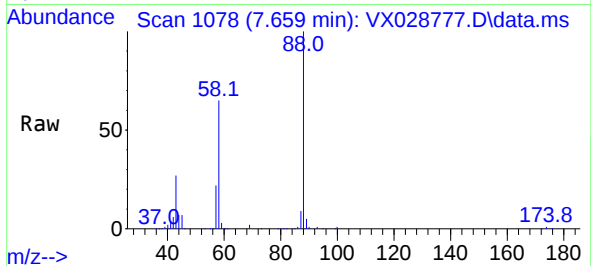
Tgt Ion: 41 Resp: 178750
Ion Ratio Lower Upper
41 100
69 87.9 82.5 123.7
39 63.3 43.8 65.8





#49
1,4-Dioxane
Concen: 850.651 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06

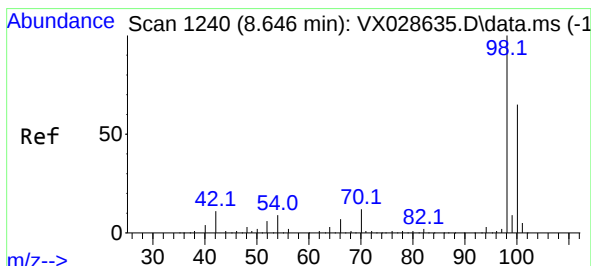
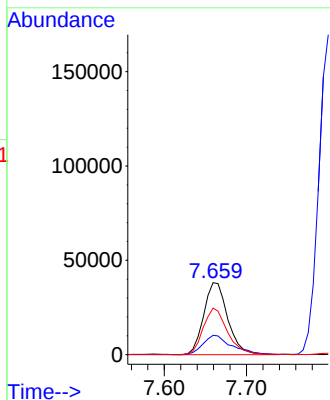
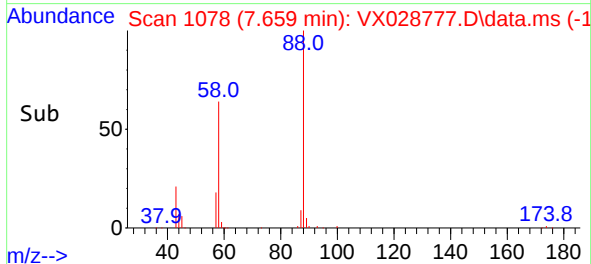
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



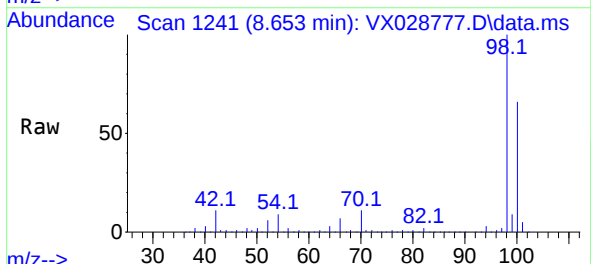
Tgt Ion: 88 Resp: 77290
Ion Ratio Lower Upper
88 100
43 31.7 21.9 32.9
58 65.5 53.7 80.5

Manual Integrations
APPROVED

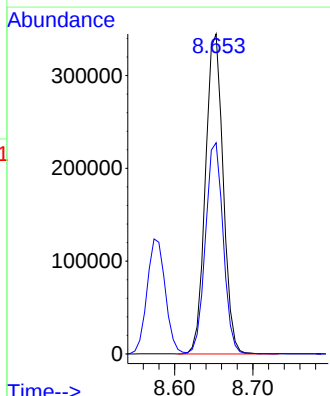
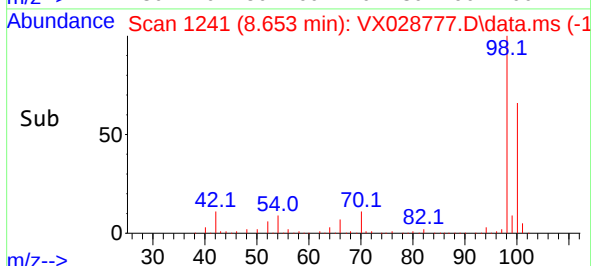
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

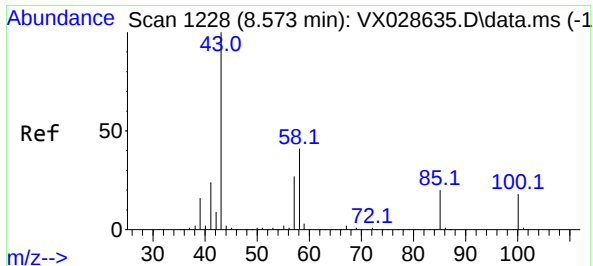


#50
Toluene-d8
Concen: 46.623 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06



Tgt Ion: 98 Resp: 539228
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 215.701 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.001 min

Lab File: VX028777.D

Acq: 17 May 2022 23:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 106971

Ion Ratio Lower Upper

43 100

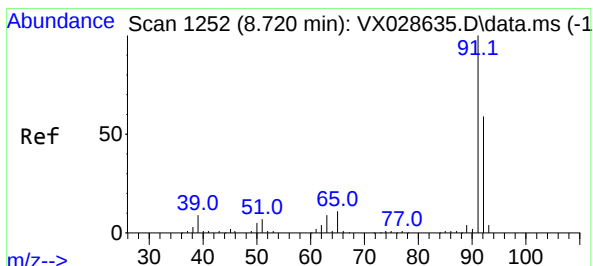
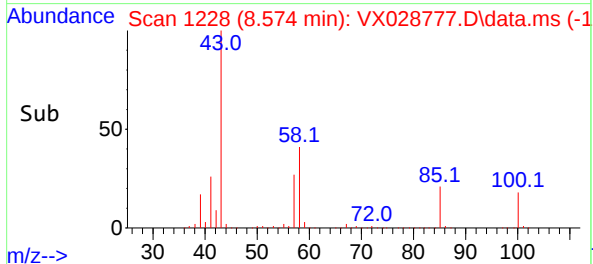
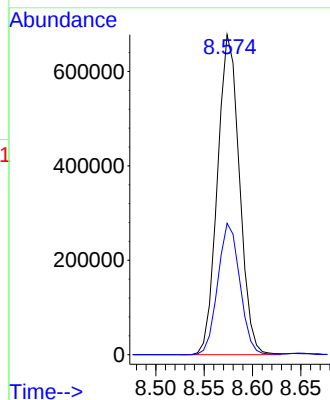
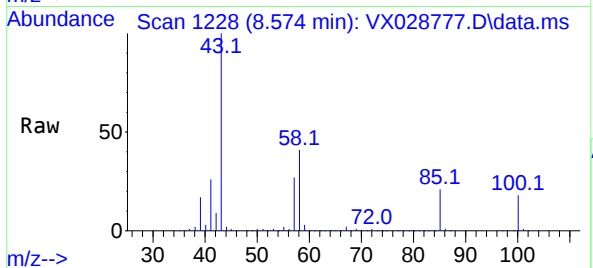
58 41.2 36.1 54.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#52

Toluene

Concen: 44.268 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX028777.D

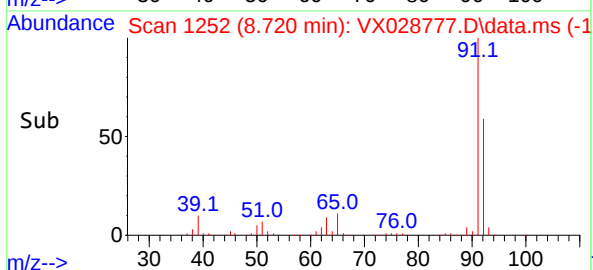
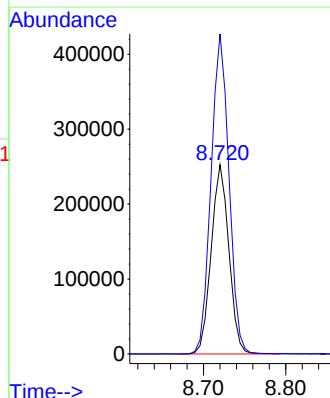
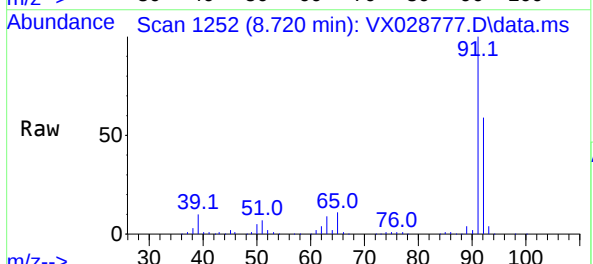
Acq: 17 May 2022 23:06

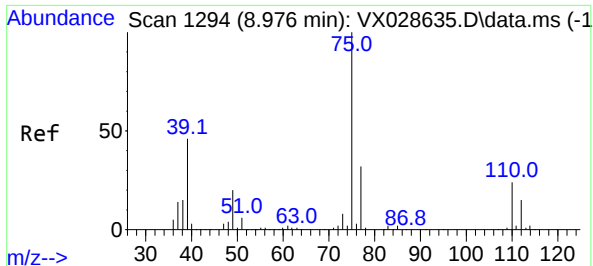
Tgt Ion: 92 Resp: 377091

Ion Ratio Lower Upper

92 100

91 171.4 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 41.867 ug/l

RT: 8.982 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VX028777.D

Acq: 17 May 2022 23:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 219308

Ion Ratio Lower Upper

75 100

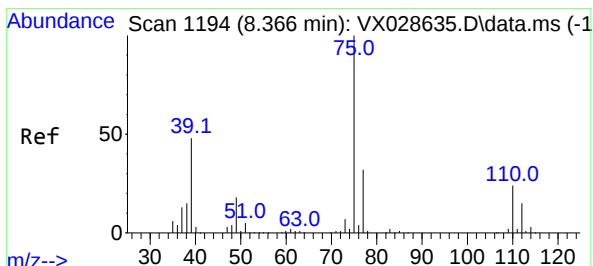
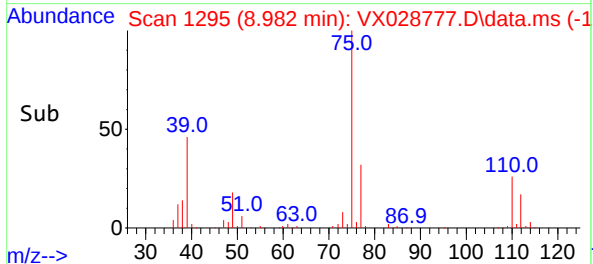
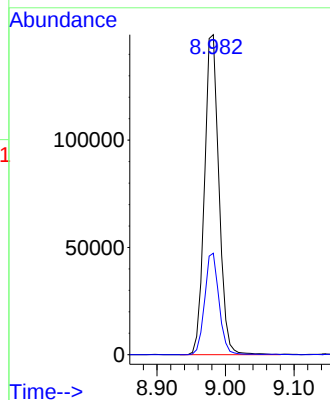
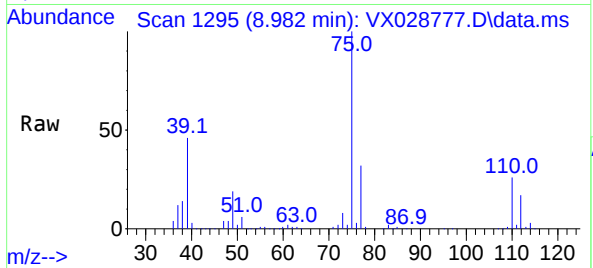
77 31.7 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#54

cis-1,3-Dichloropropene

Concen: 45.801 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX028777.D

Acq: 17 May 2022 23:06

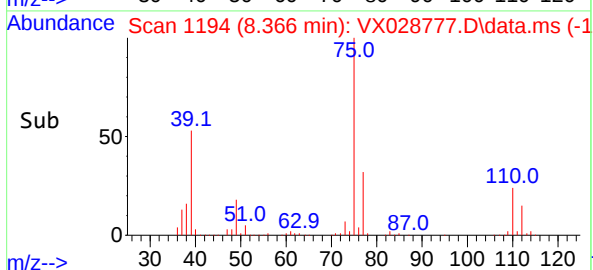
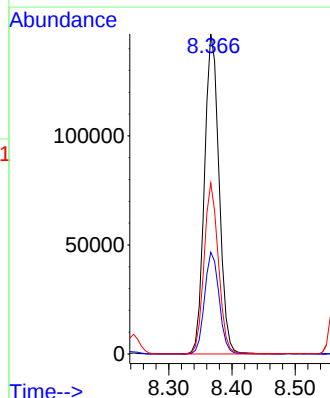
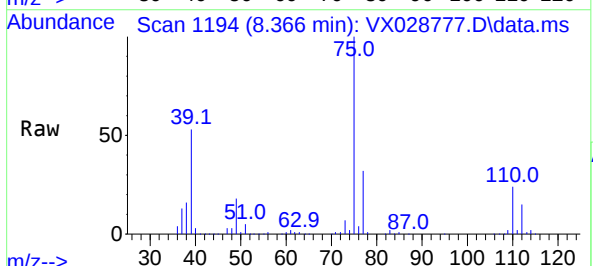
Tgt Ion: 75 Resp: 236070

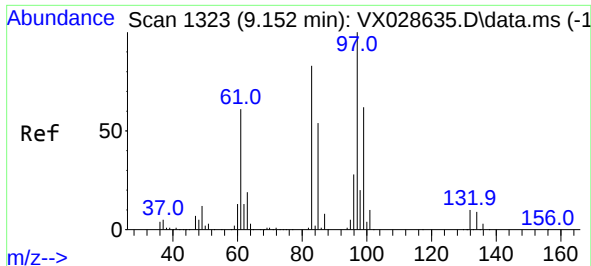
Ion Ratio Lower Upper

75 100

77 31.8 24.8 37.2

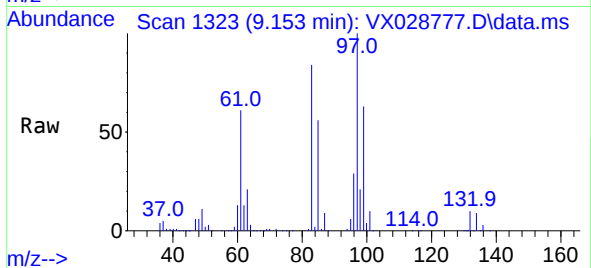
39 53.4 29.6 44.4#





#55
1,1,2-Trichloroethane
Concen: 43.879 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.001 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

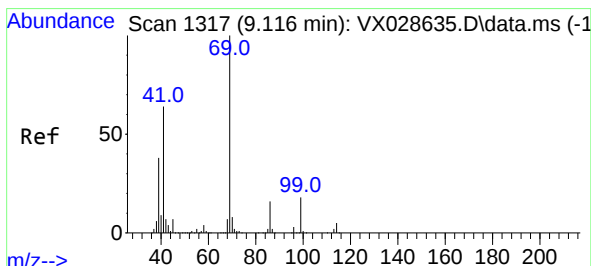
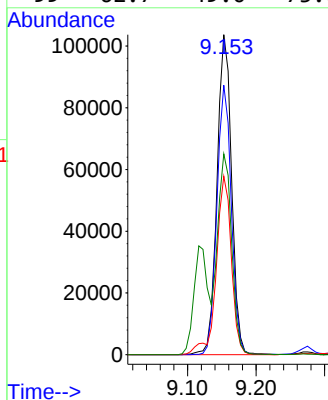
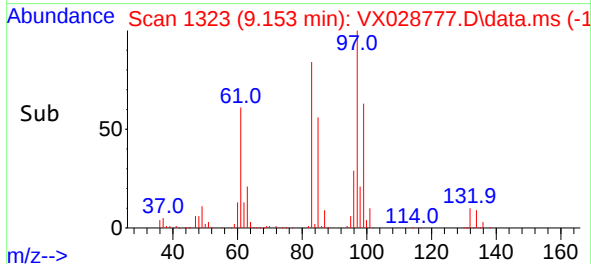


Tgt Ion: 97 Resp: 152410

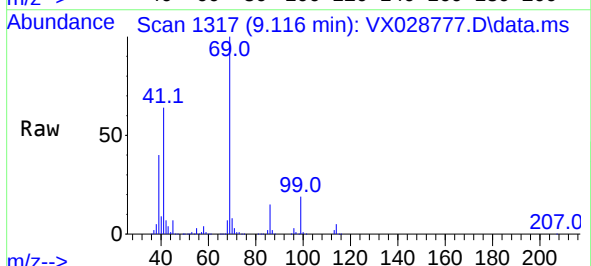
Ion	Ratio	Lower	Upper
97	100		
83	84.2	66.2	99.4
85	55.8	42.9	64.3
99	62.7	49.0	73.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

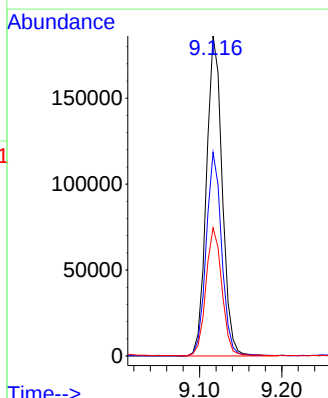
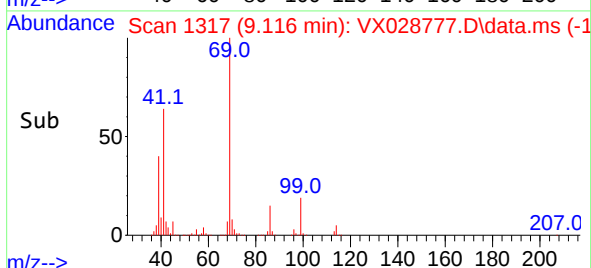


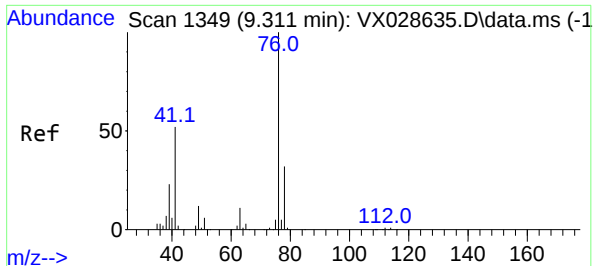
#56
Ethyl methacrylate
Concen: 47.276 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06



Tgt Ion: 69 Resp: 248677

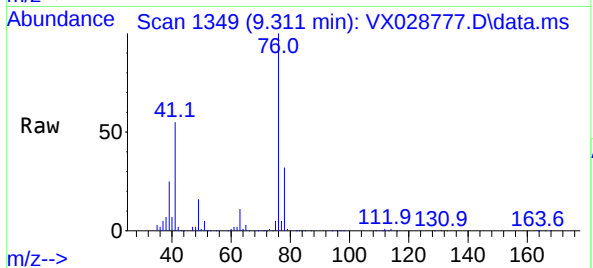
Ion	Ratio	Lower	Upper
69	100		
41	62.3	43.8	65.6
39	40.3	22.2	33.2





#57
1,3-Dichloropropane
Concen: 44.324 ug/l
RT: 9.311 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06

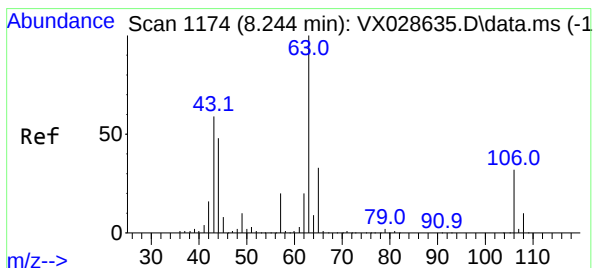
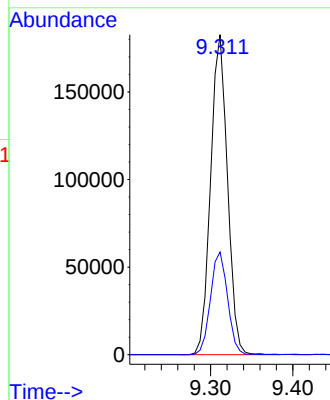
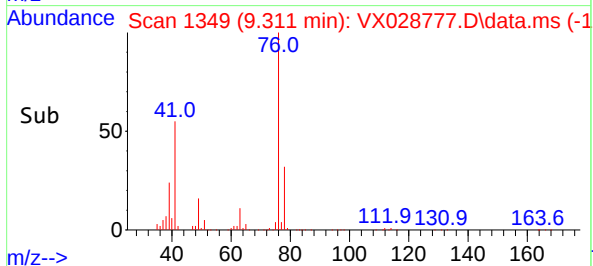
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



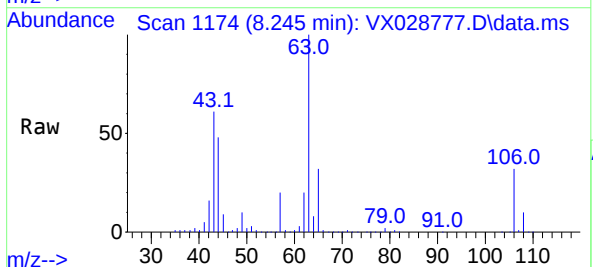
Tgt Ion: 76 Resp: 259679
Ion Ratio Lower Upper
76 100
78 32.6 25.8 38.8

Manual Integrations
APPROVED

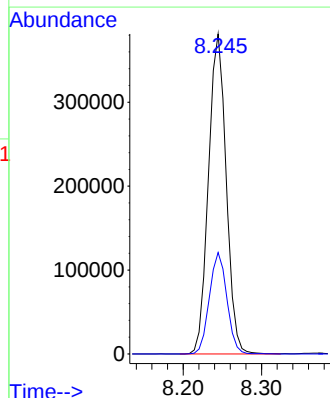
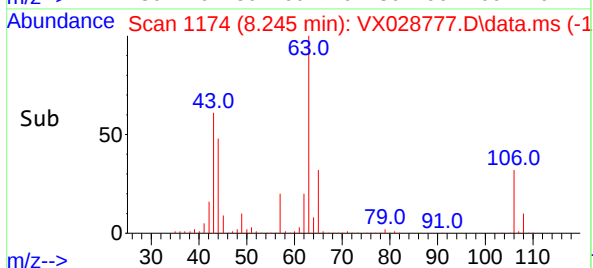
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#58
2-Chloroethyl Vinyl ether
Concen: 232.216 ug/l
RT: 8.245 min Scan# 1174
Delta R.T. 0.001 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06



Tgt Ion: 63 Resp: 598016
Ion Ratio Lower Upper
63 100
106 31.3 23.9 35.9





#59

2-Hexanone

Concen: 222.772 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX028777.D

Acq: 17 May 2022 23:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 85833

Ion Ratio Lower Upper

43 100

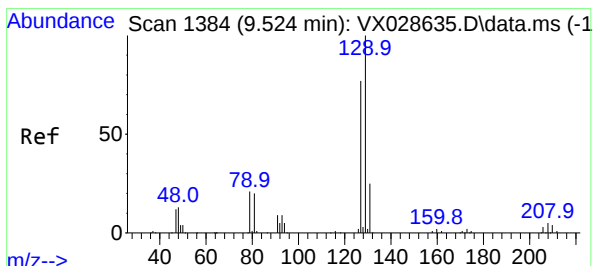
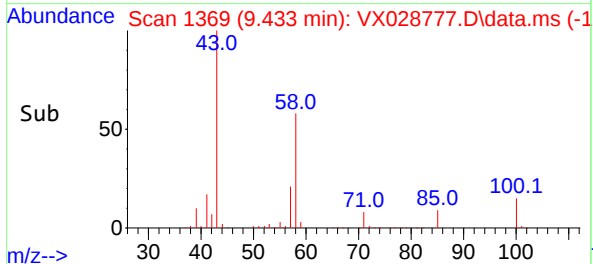
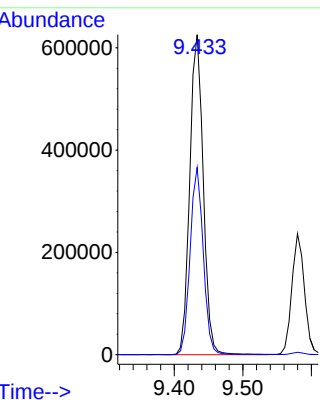
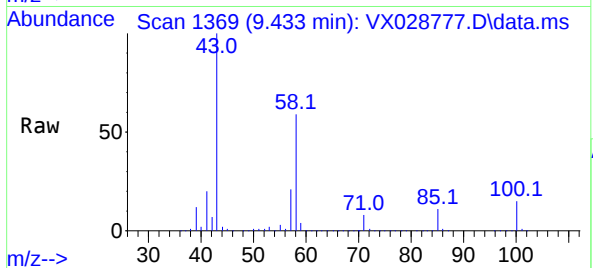
58 57.2 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#60

Dibromochloromethane

Concen: 49.075 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.001 min

Lab File: VX028777.D

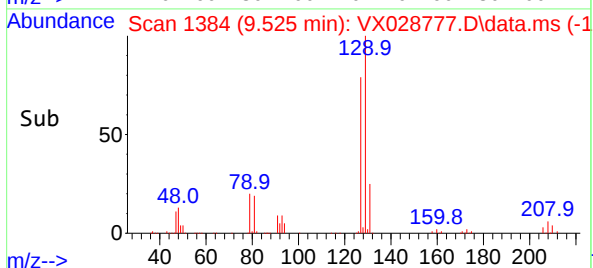
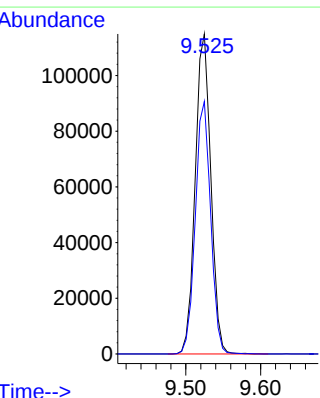
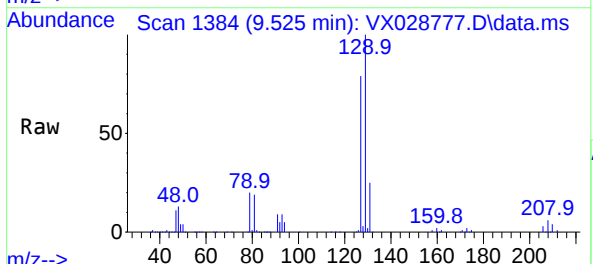
Acq: 17 May 2022 23:06

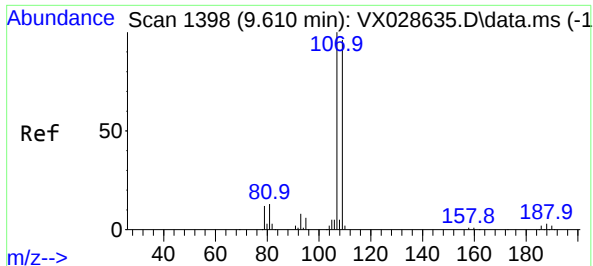
Tgt Ion:129 Resp: 166245

Ion Ratio Lower Upper

129 100

127 77.7 40.3 120.8





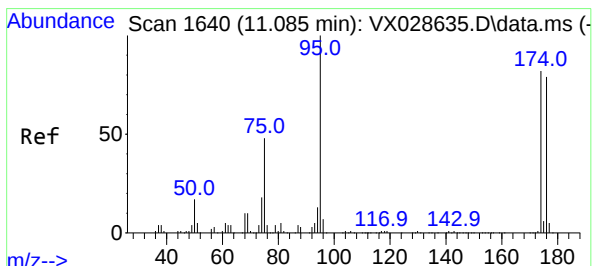
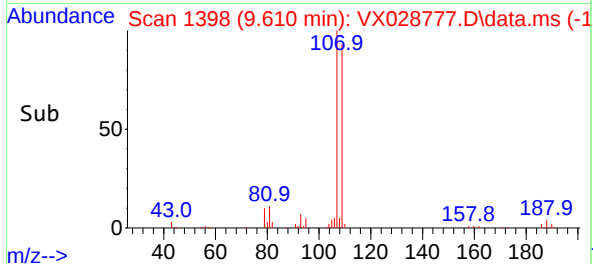
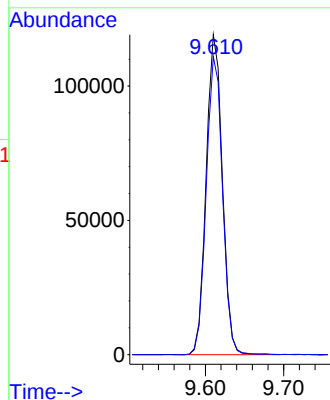
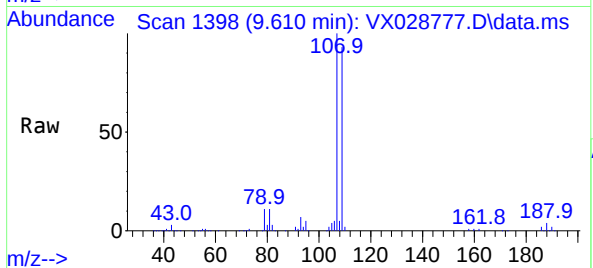
#61
1,2-Dibromoethane
Concen: 46.854 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 170934
Ion Ratio Lower Upper
107 100
109 93.8 74.4 111.6

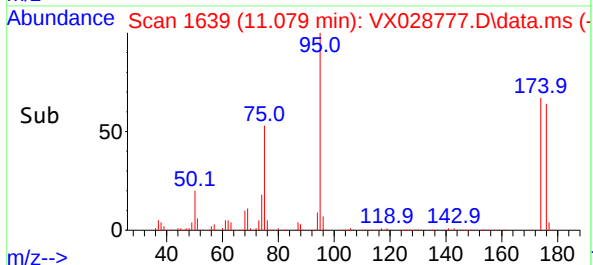
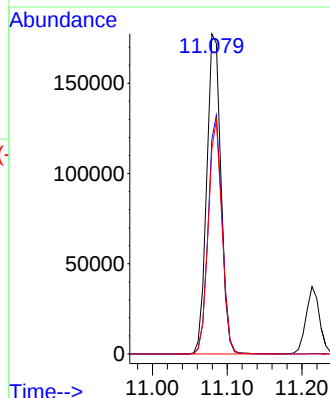
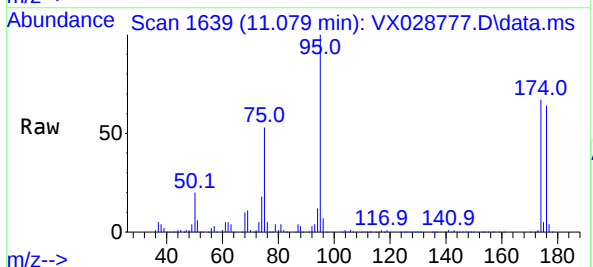
Manual Integrations
APPROVED

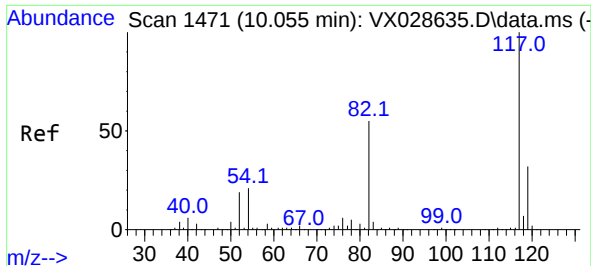
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#62
4-Bromofluorobenzene
Concen: 53.970 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06

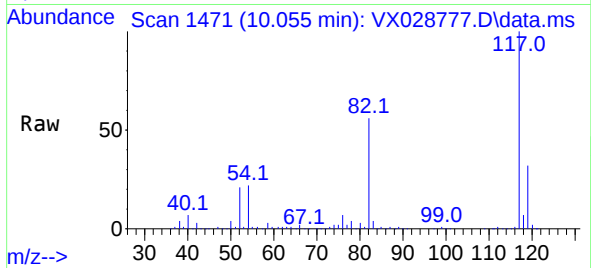
Tgt Ion: 95 Resp: 233143
Ion Ratio Lower Upper
95 100
174 72.9 0.0 163.0
176 71.0 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06

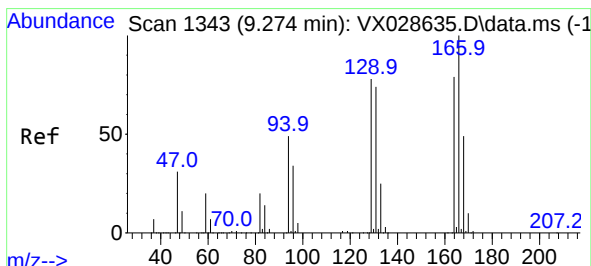
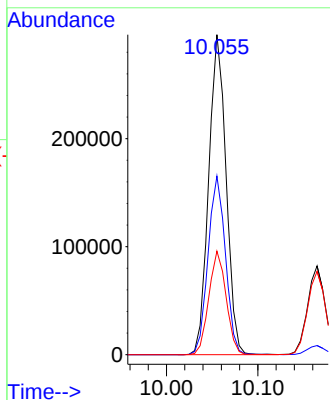
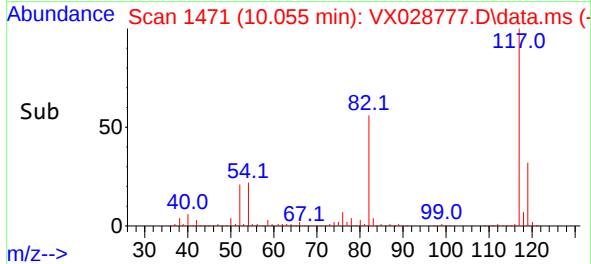
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



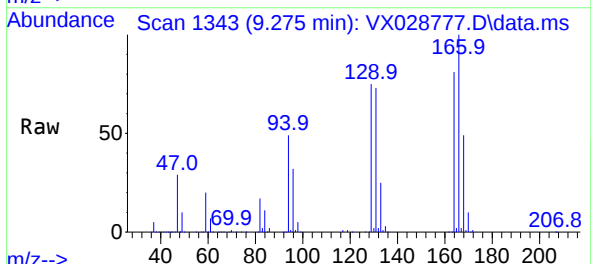
Tgt Ion:117 Resp: 391129
Ion Ratio Lower Upper
117 100
82 55.8 41.8 62.8
119 32.3 24.8 37.2

Manual Integrations
APPROVED

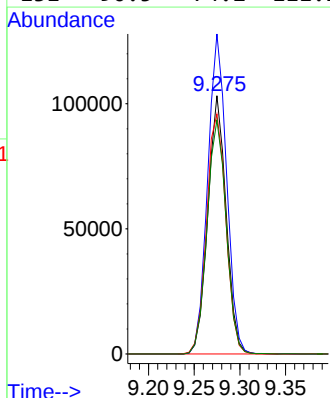
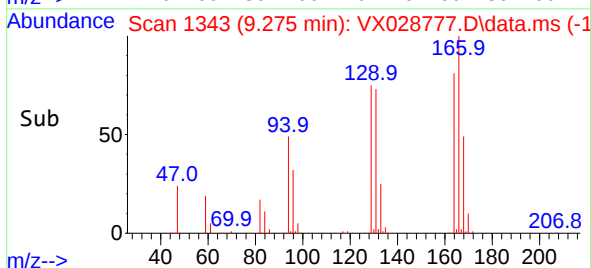
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#64
Tetrachloroethene
Concen: 48.663 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06



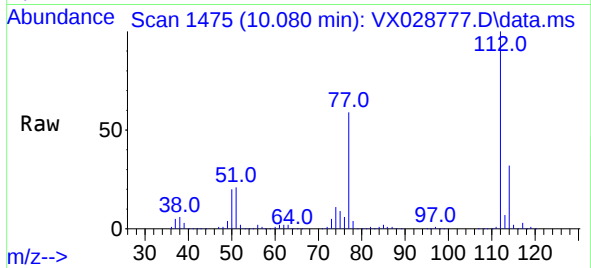
Tgt Ion:164 Resp: 143732
Ion Ratio Lower Upper
164 100
166 123.9 101.2 151.8
129 92.9 73.0 109.4
131 90.5 74.2 111.2





#65
Chlorobenzene
Concen: 51.004 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06

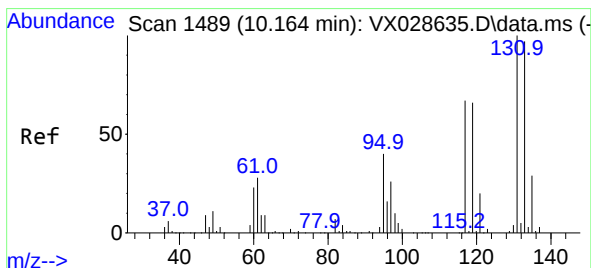
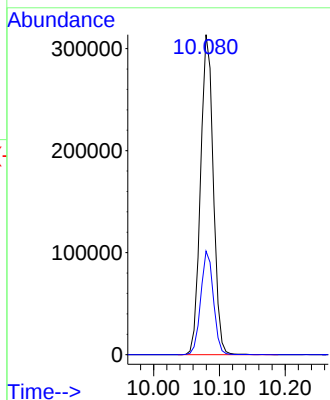
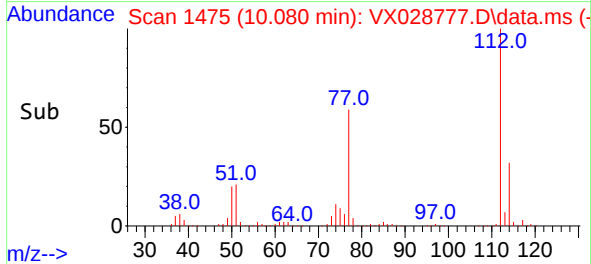
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



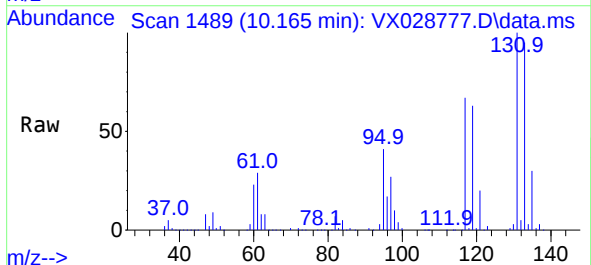
Tgt Ion:112 Resp: 423209
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.8

Manual Integrations
APPROVED

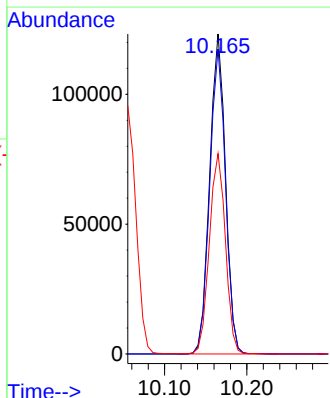
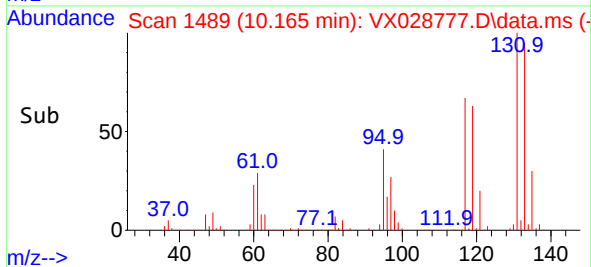
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

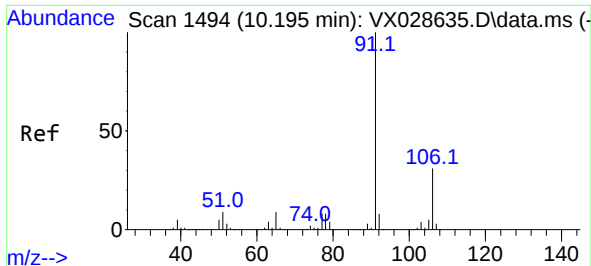


#66
1,1,1,2-Tetrachloroethane
Concen: 55.859 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.001 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06



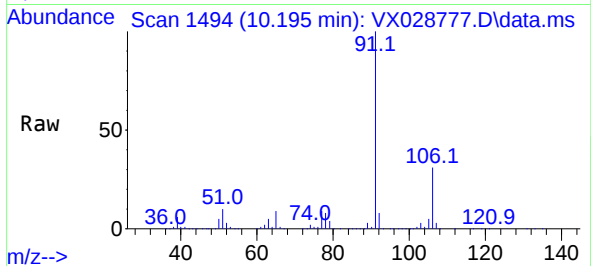
Tgt Ion:131 Resp: 164186
Ion Ratio Lower Upper
131 100
133 95.1 48.3 144.8
119 63.8 32.6 98.0





#67
Ethyl Benzene
Concen: 51.190 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06

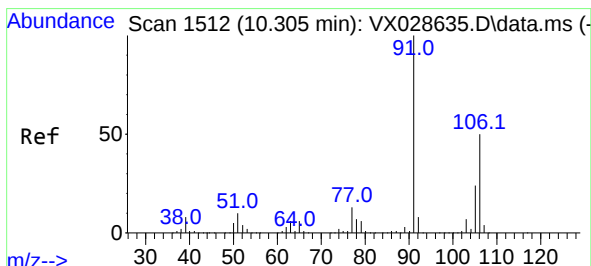
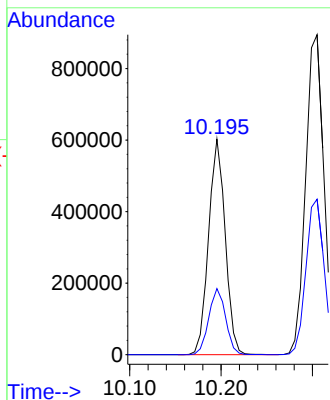
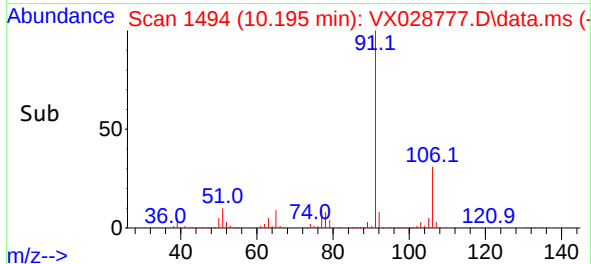
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



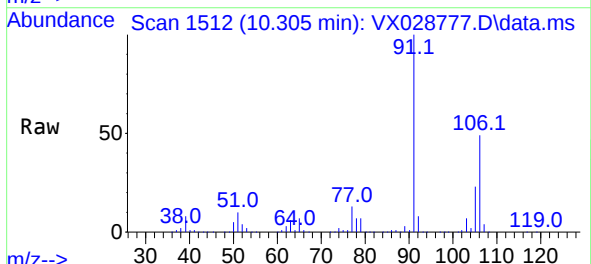
Tgt Ion: 91 Resp: 76133
Ion Ratio Lower Upper
91 100
106 30.7 24.6 36.8

Manual Integrations
APPROVED

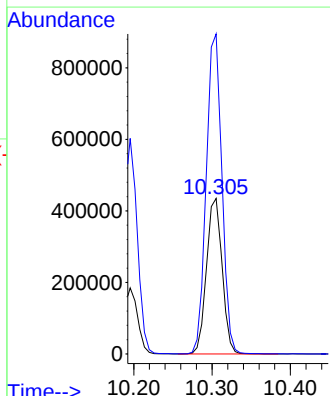
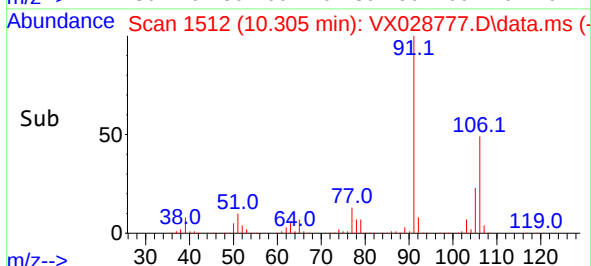
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

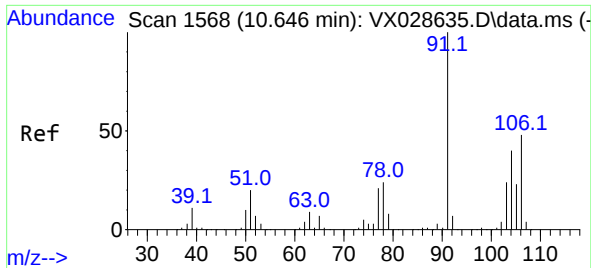


#68
m/p-Xylenes
Concen: 103.800 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06



Tgt Ion:106 Resp: 601033
Ion Ratio Lower Upper
106 100
91 206.2 160.4 240.6





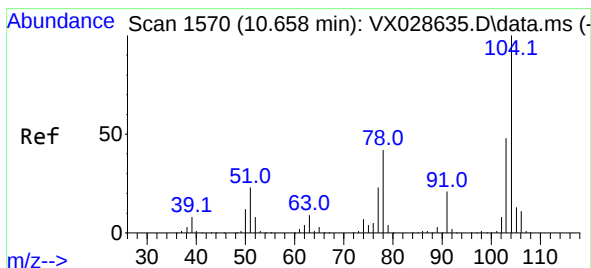
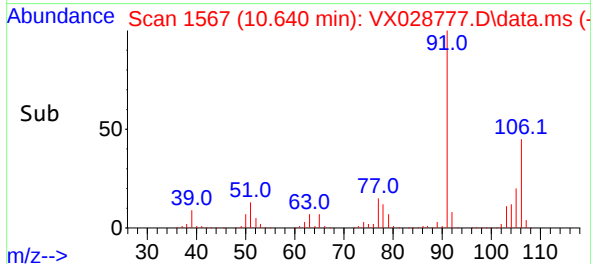
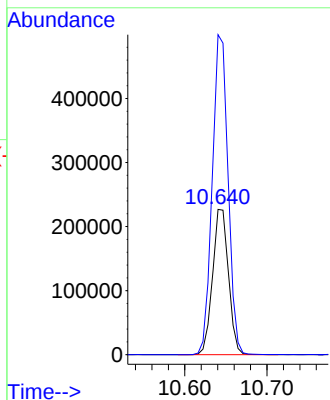
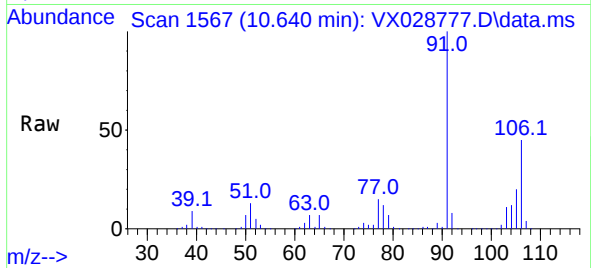
#69
o-Xylene
Concen: 53.466 ug/l
RT: 10.640 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 30480
Ion Ratio Lower Upper
106 100
91 218.8 106.1 318.1

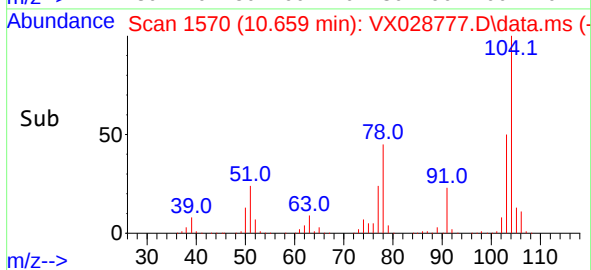
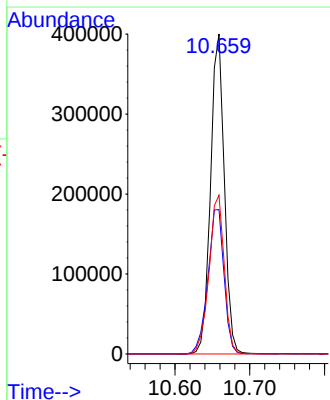
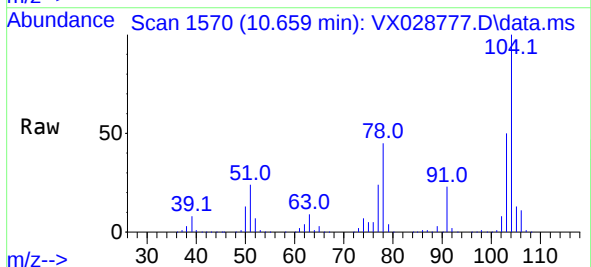
Manual Integrations
APPROVED

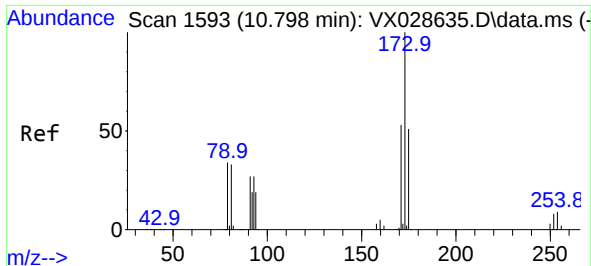
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#70
Styrene
Concen: 55.505 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.001 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06

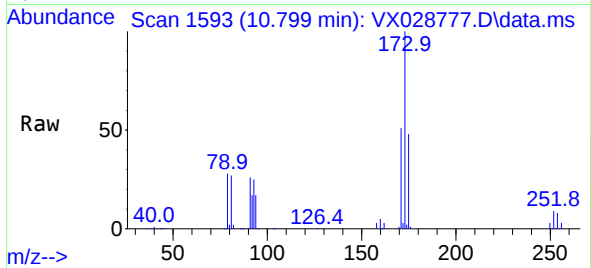
Tgt Ion:104 Resp: 513857
Ion Ratio Lower Upper
104 100
78 52.9 38.6 57.8
103 55.0 43.8 65.8





#71
Bromoform
Concen: 53.742 ug/l
RT: 10.799 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06

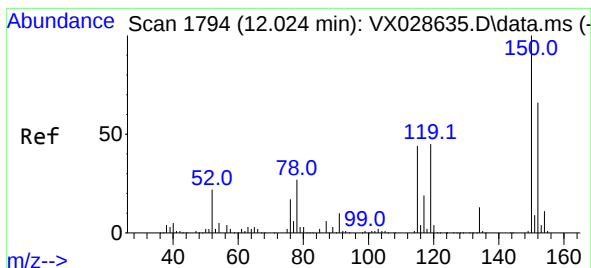
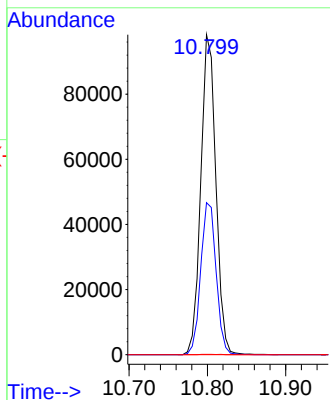
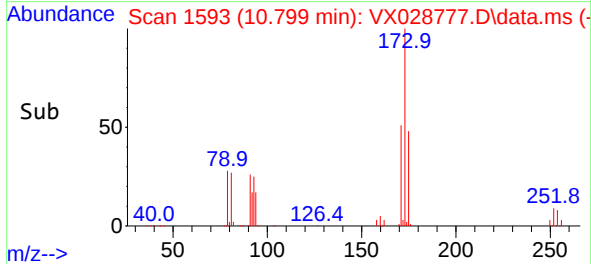
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



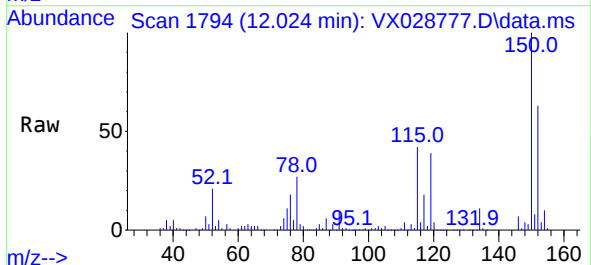
Tgt Ion:173 Resp: 131254
Ion Ratio Lower Upper
173 100
175 48.5 24.1 72.2
254 0.1 0.1 0.1

Manual Integrations
APPROVED

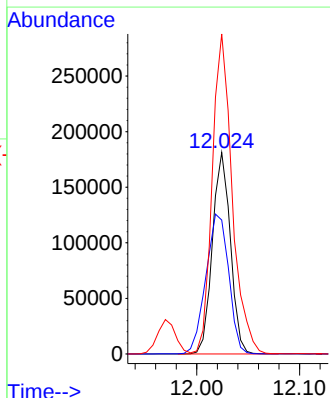
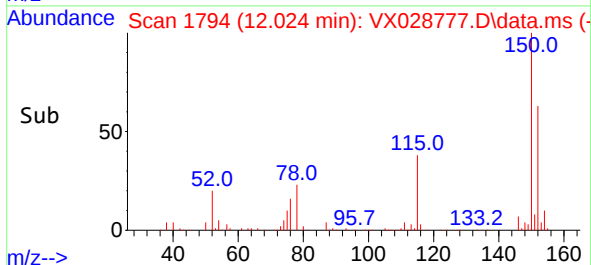
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

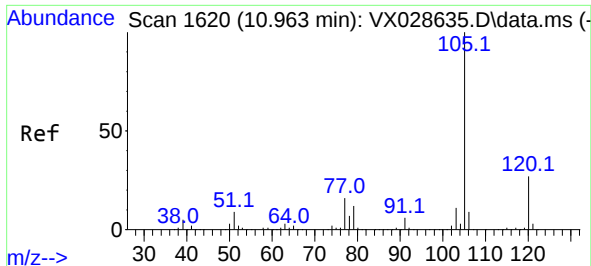


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06



Tgt Ion:152 Resp: 219493
Ion Ratio Lower Upper
152 100
115 88.6 37.5 112.7
150 176.3 0.0 338.2





#73
Isopropylbenzene
Concen: 48.661 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06

Instrument :

MSVOA_X

ClientSampleId :

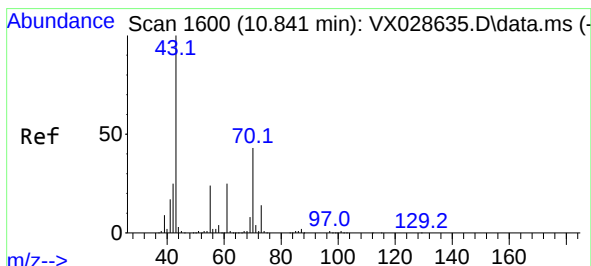
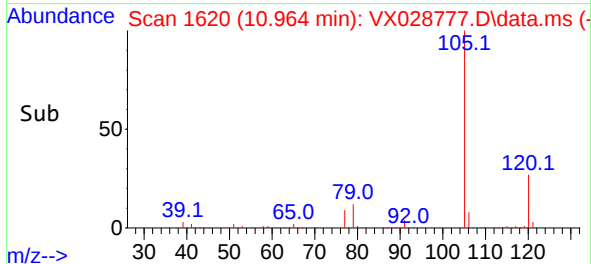
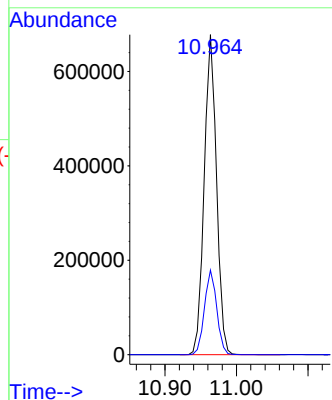
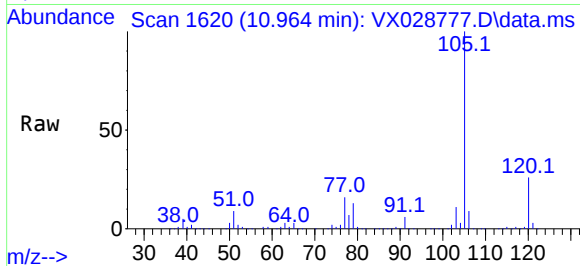
VSTDCCC050

Tgt Ion:105 Resp: 80997
Ion Ratio Lower Upper
105 100
120 26.4 13.5 40.5

Manual Integrations

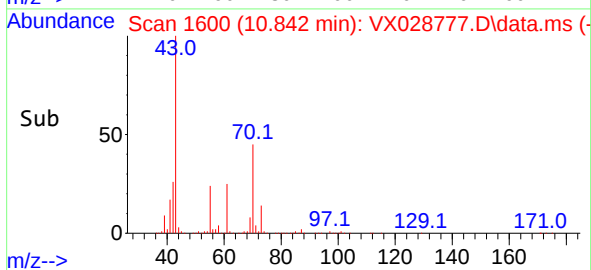
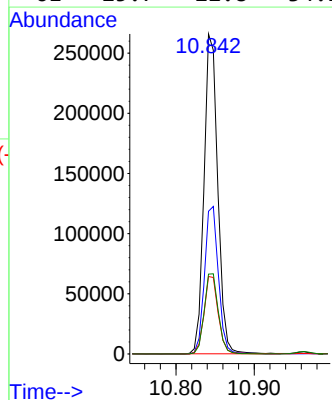
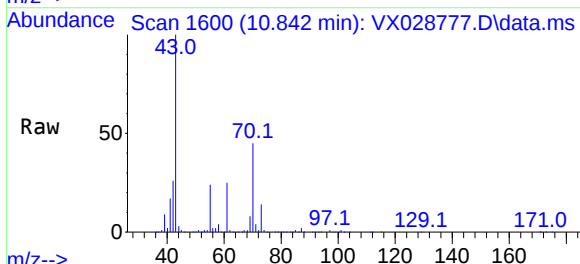
APPROVED

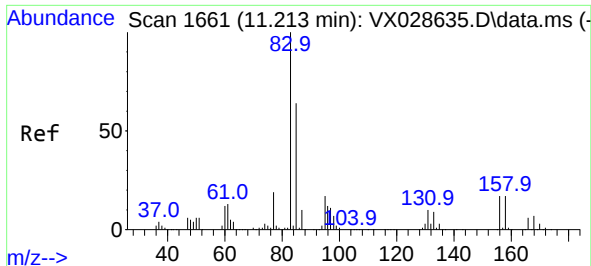
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#74
N-ethyl acetate
Concen: 49.427 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.001 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06

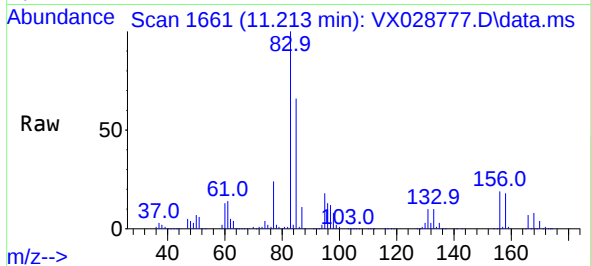
Tgt Ion: 43 Resp: 323404
Ion Ratio Lower Upper
43 100
70 46.7 42.5 63.7
55 25.1 23.1 34.7
61 25.7 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 47.253 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06

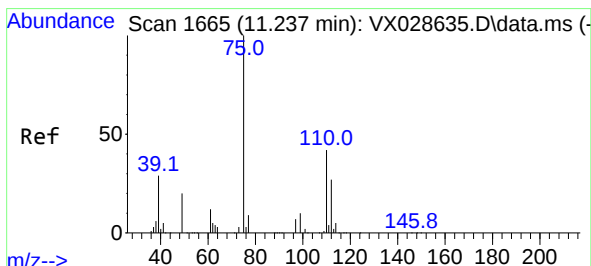
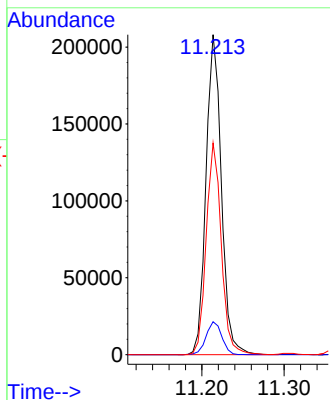
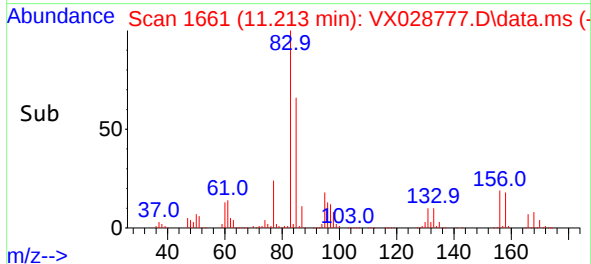
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



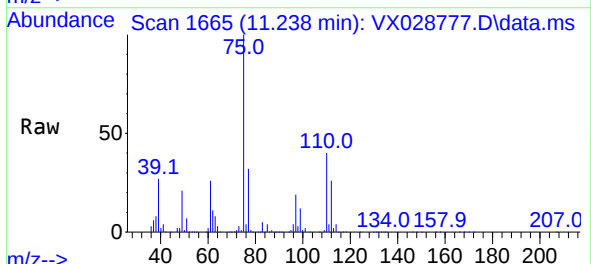
Tgt Ion: 83 Resp: 26983
Ion Ratio Lower Upper
83 100
131 10.6 5.1 15.3
85 65.0 32.6 97.7

Manual Integrations
APPROVED

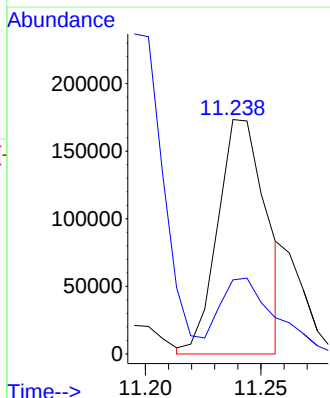
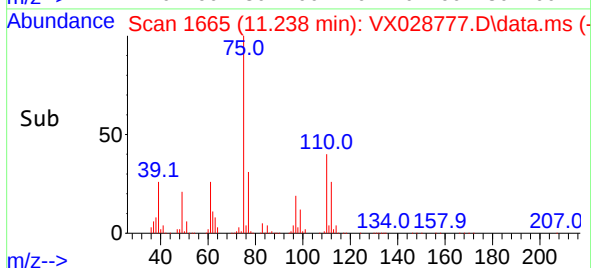
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

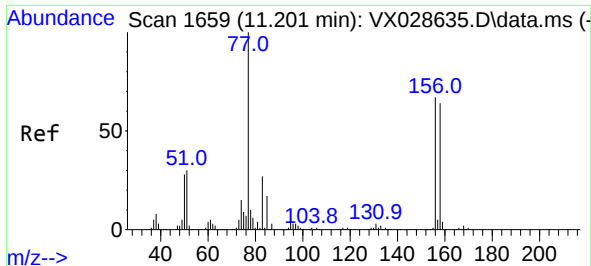


#76
1,2,3-Trichloropropane
Concen: 49.084 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.001 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06



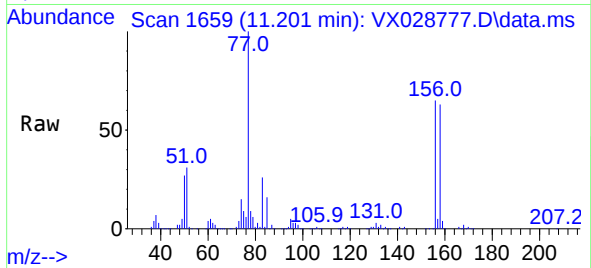
Tgt Ion: 75 Resp: 252306
Ion Ratio Lower Upper
75 100
77 37.1 19.4 58.2





#77
Bromobenzene
Concen: 49.503 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06

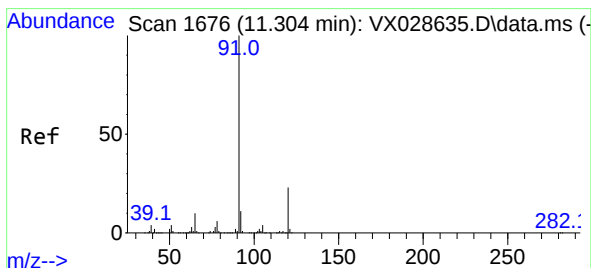
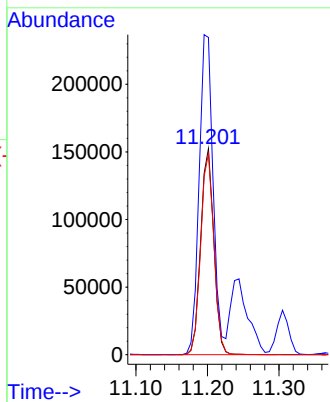
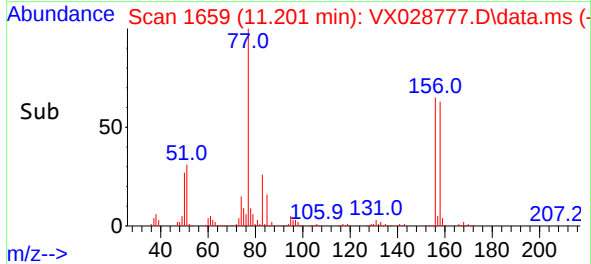
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



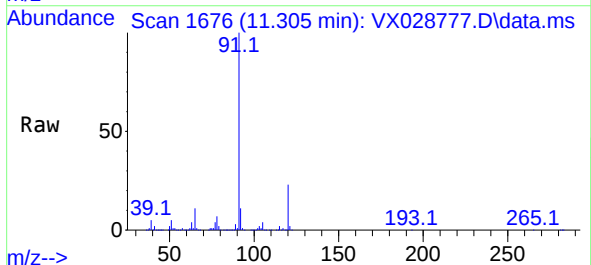
Tgt Ion: 156 Resp: 194963
Ion Ratio Lower Upper
156 100
77 165.1 78.5 235.3
158 97.9 50.2 150.7

Manual Integrations
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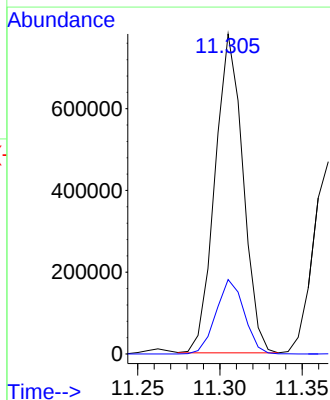
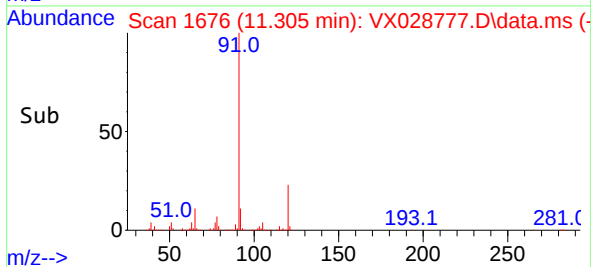
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#78
n-propylbenzene
Concen: 47.958 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.001 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06



Tgt Ion: 91 Resp: 923383
Ion Ratio Lower Upper
91 100
120 23.5 11.6 34.8





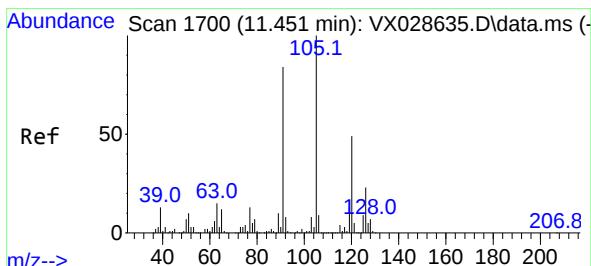
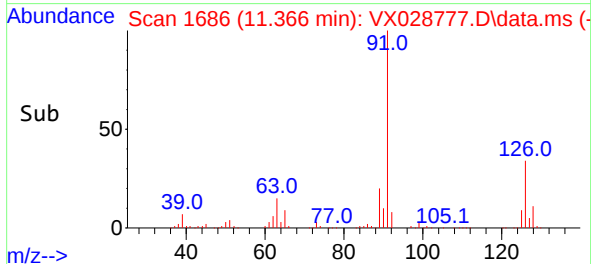
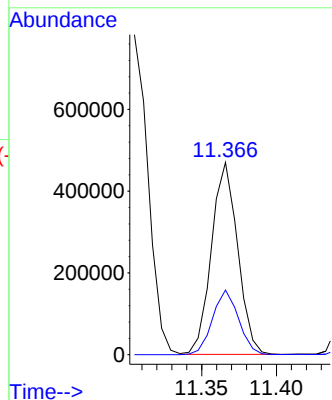
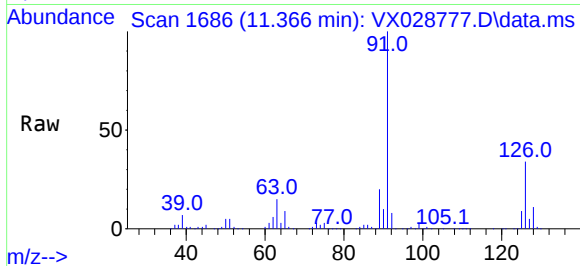
#79
2-Chlorotoluene
Concen: 48.460 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. 0.001 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 57187
Ion Ratio Lower Upper
91 100
126 33.5 17.3 51.9

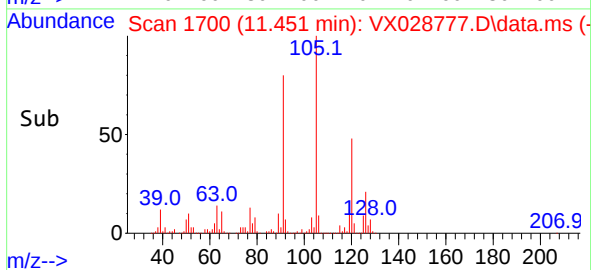
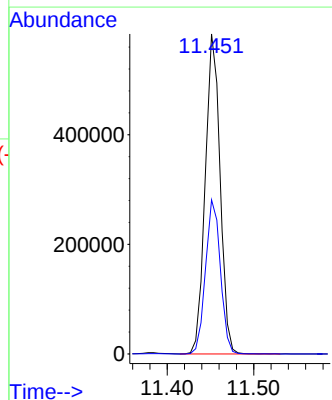
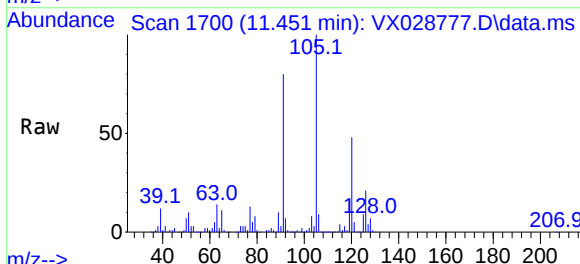
Manual Integrations
APPROVED

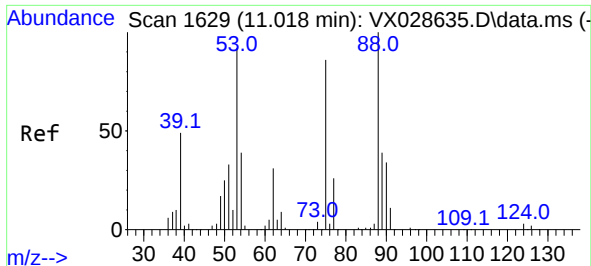
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#80
1,3,5-Trimethylbenzene
Concen: 50.035 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06

Tgt Ion:105 Resp: 693970
Ion Ratio Lower Upper
105 100
120 48.4 24.3 72.9





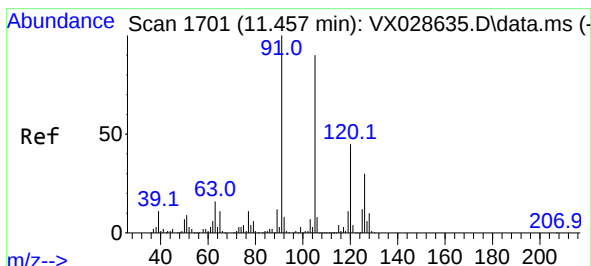
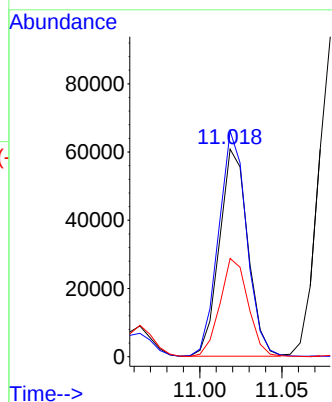
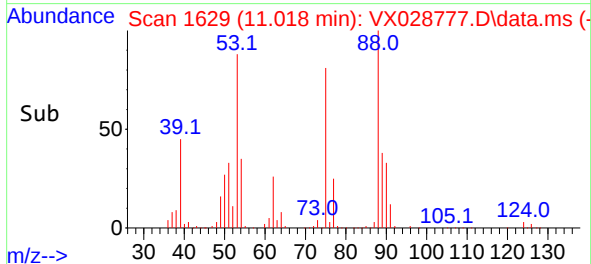
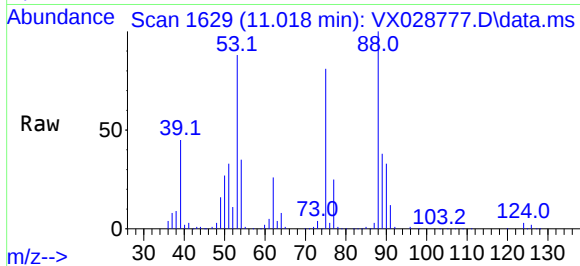
#81
trans-1,4-Dichloro-2-butene
Concen: 42.922 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 72935
Ion Ratio Lower Upper
75 100
53 107.6 69.0 103.4
89 47.3 37.0 55.6

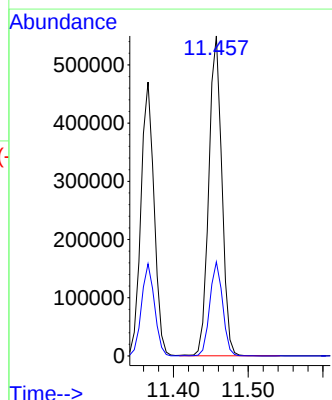
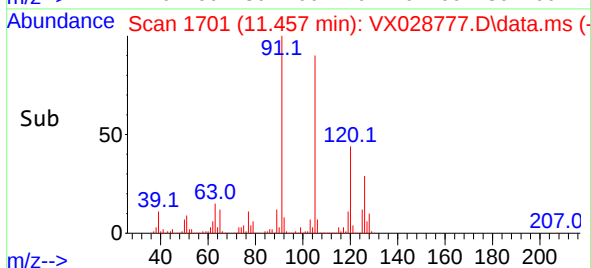
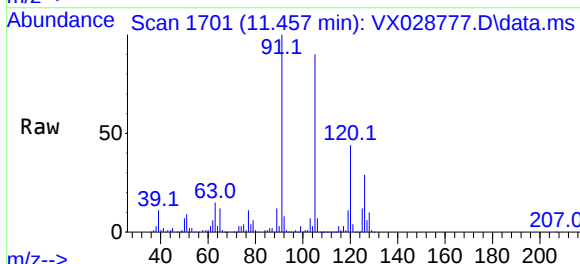
Manual Integrations
APPROVED

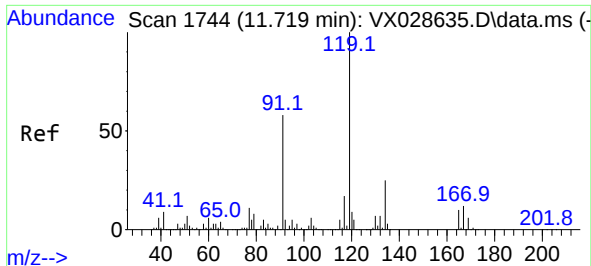
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#82
4-Chlorotoluene
Concen: 48.824 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06

Tgt Ion: 91 Resp: 666090
Ion Ratio Lower Upper
91 100
126 28.9 14.9 44.5





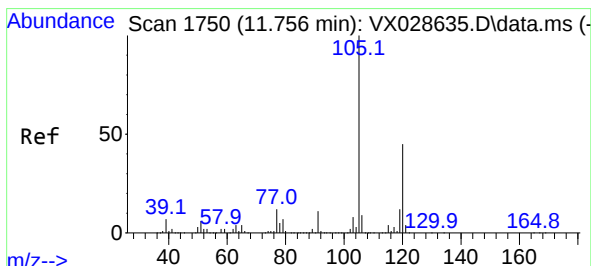
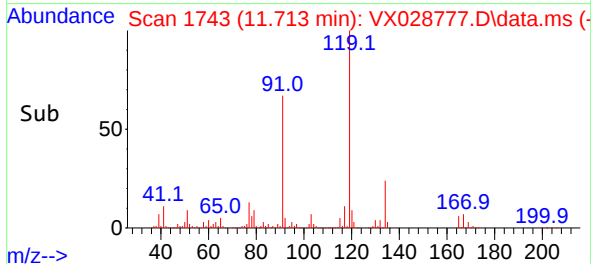
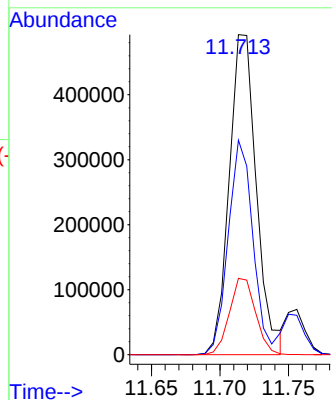
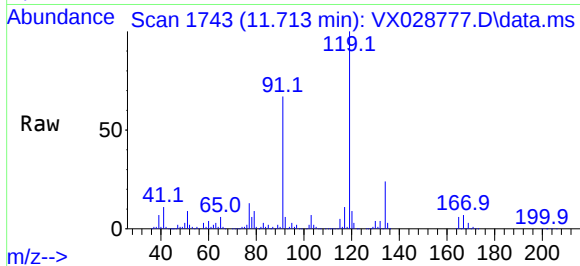
#83
tert-Butylbenzene
Concen: 50.734 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.006 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 681289
Ion Ratio Lower Upper
119 100
91 60.6 26.9 80.6
134 23.0 11.4 34.2

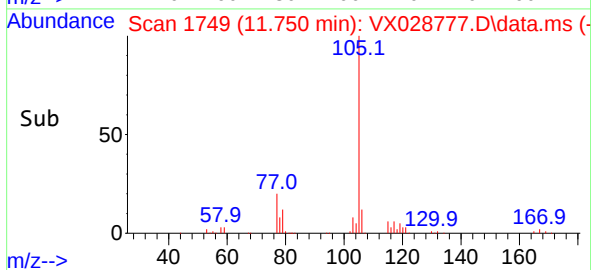
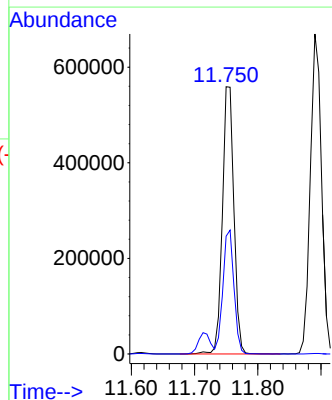
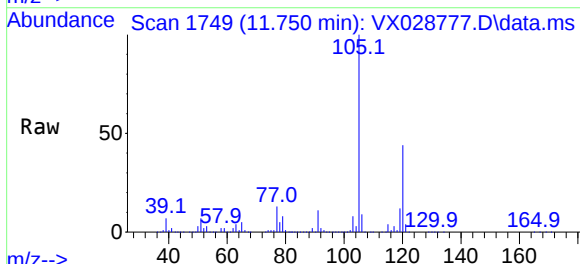
Manual Integrations
APPROVED

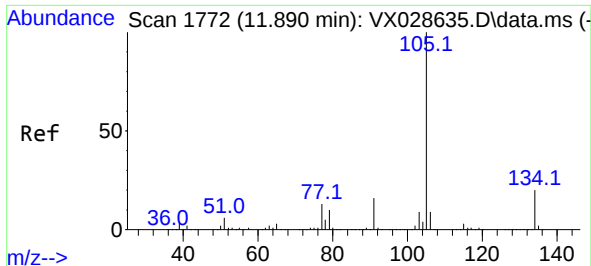
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#84
1,2,4-Trimethylbenzene
Concen: 50.400 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06

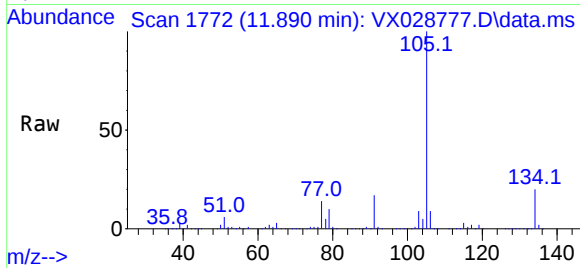
Tgt Ion:105 Resp: 700984
Ion Ratio Lower Upper
105 100
120 44.4 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 49.426 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX028777.D
 Acq: 17 May 2022 23:06

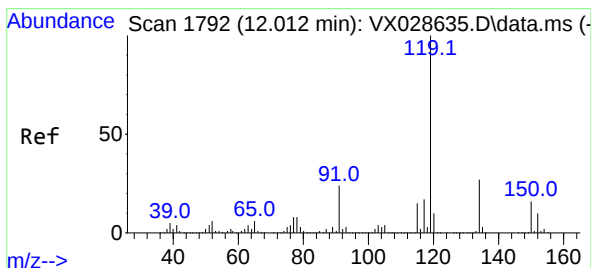
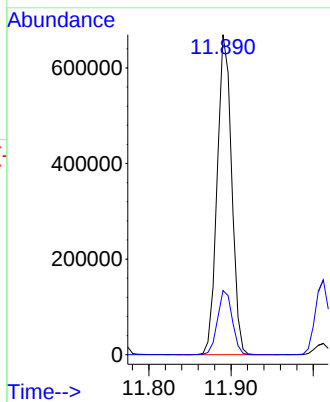
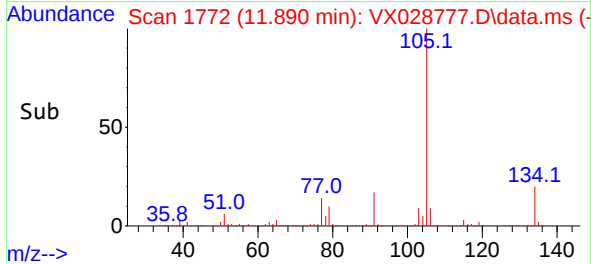
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



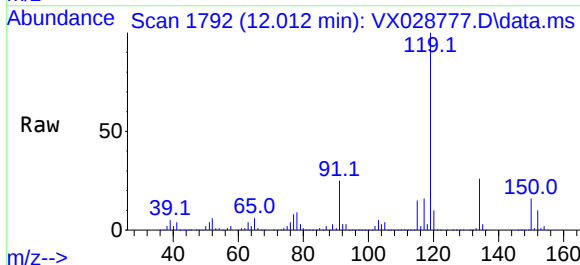
Tgt Ion:105 Resp: 818714
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.4

Manual Integrations
 APPROVED

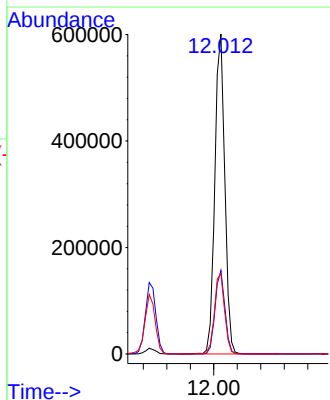
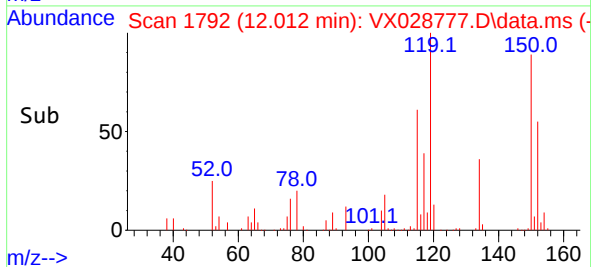
Reviewed By :John Carlone 05/18/2022
 Supervised By :Mahesh Dadoda 05/18/2022

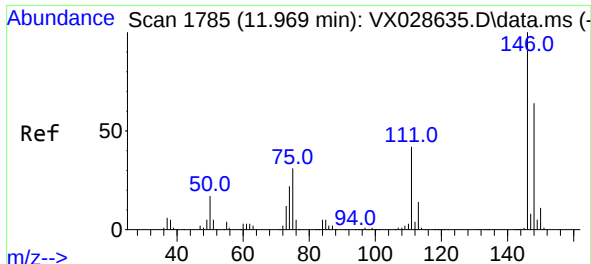


#86
 p-Isopropyltoluene
 Concen: 50.791 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX028777.D
 Acq: 17 May 2022 23:06



Tgt Ion:119 Resp: 705971
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 39.0
 91 25.5 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 48.674 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX028777.D

Acq: 17 May 2022 23:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 376009

Ion Ratio Lower Upper

146 100

111 42.1 19.7 59.1

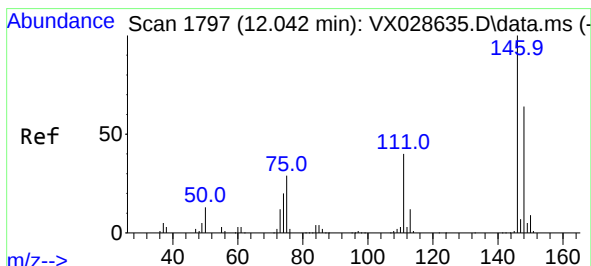
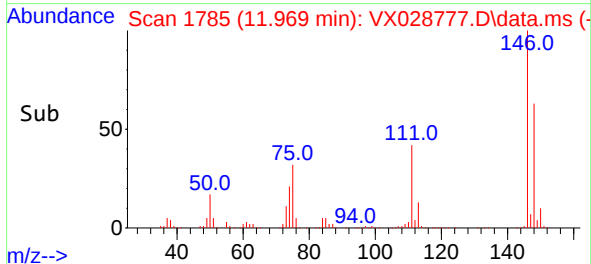
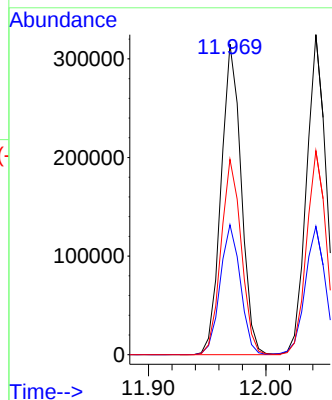
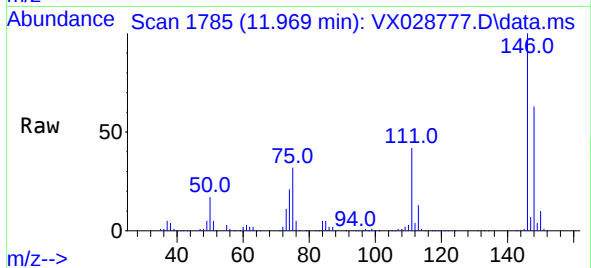
148 63.4 31.6 94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#88

1,4-Dichlorobenzene

Concen: 47.206 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.001 min

Lab File: VX028777.D

Acq: 17 May 2022 23:06

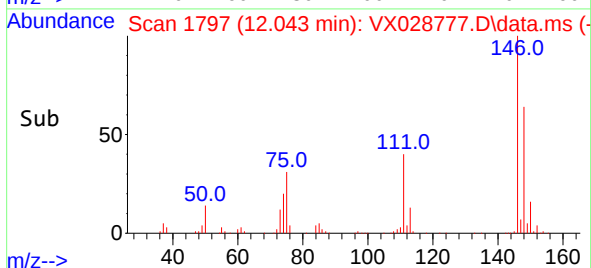
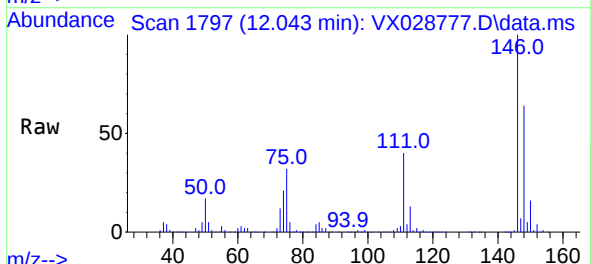
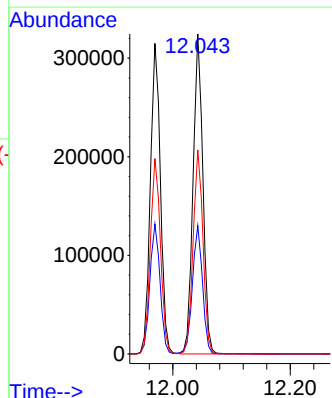
Tgt Ion:146 Resp: 378251

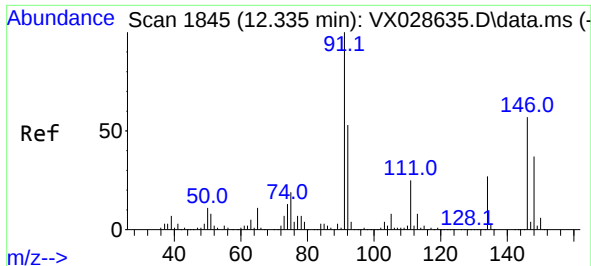
Ion Ratio Lower Upper

146 100

111 41.0 19.2 57.6

148 63.8 32.3 96.9





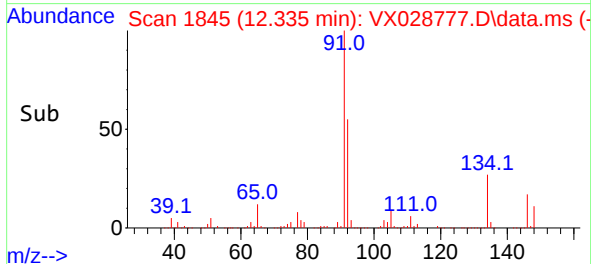
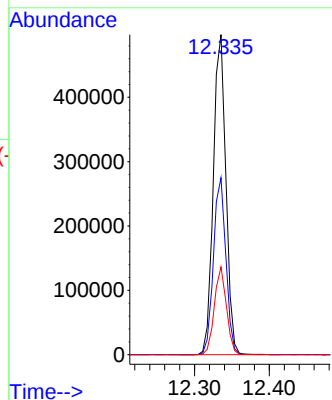
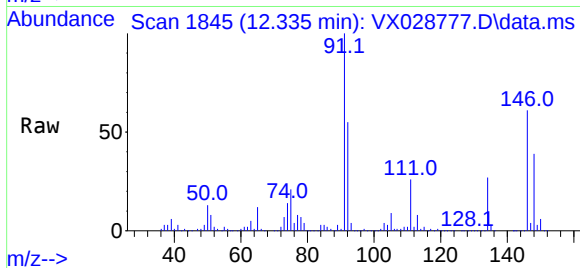
#89
n-Butylbenzene
Concen: 48.231 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 58086
Ion Ratio Lower Upper
91 100
92 54.8 27.8 83.3
134 26.4 13.3 39.8

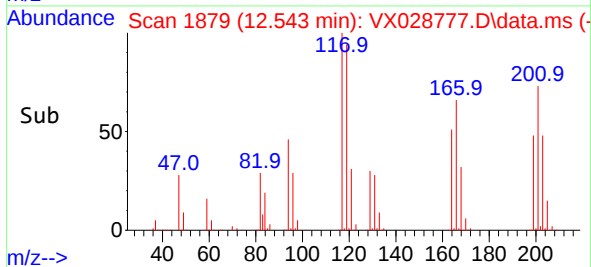
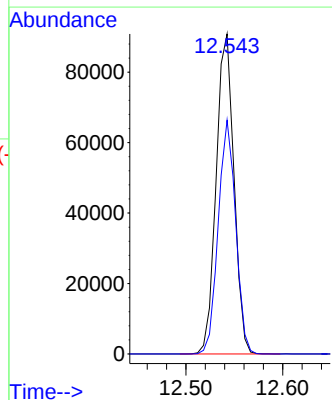
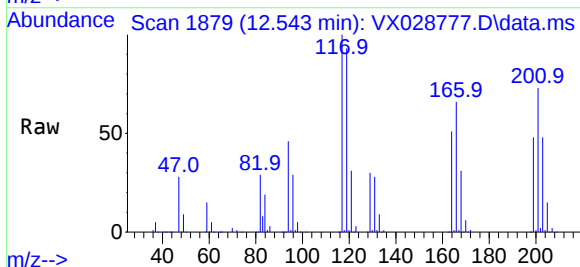
Manual Integrations
APPROVED

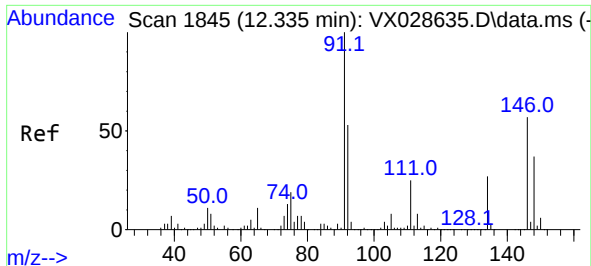
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#90
Hexachloroethane
Concen: 51.566 ug/l
RT: 12.543 min Scan# 1879
Delta R.T. 0.001 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06

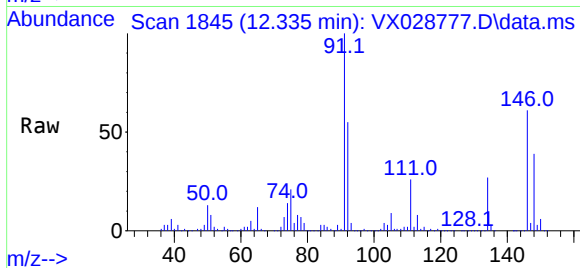
Tgt Ion:117 Resp: 115909
Ion Ratio Lower Upper
117 100
201 71.6 39.5 118.5





#91
1,2-Dichlorobenzene
Concen: 49.398 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06

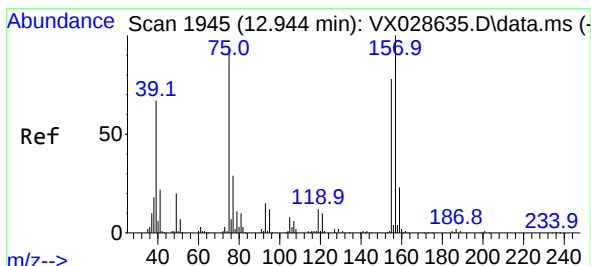
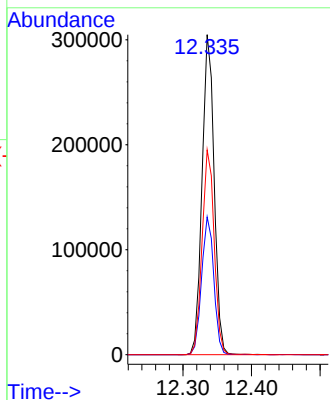
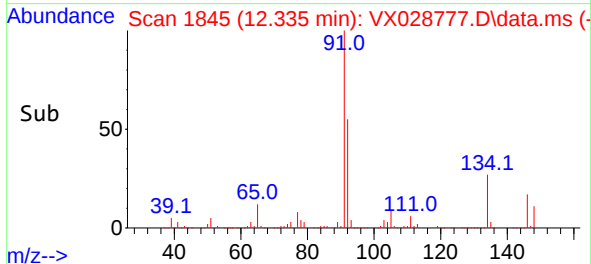
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



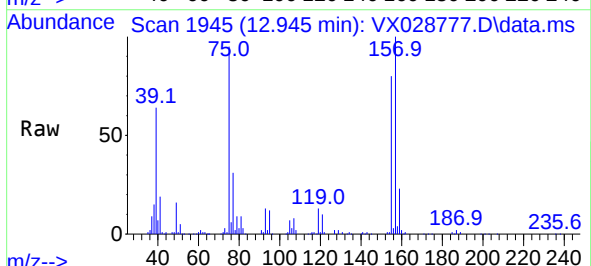
Tgt Ion:146 Resp: 37487
Ion Ratio Lower Upper
146 100
111 43.5 21.0 63.0
148 64.2 32.6 97.7

Manual Integrations
APPROVED

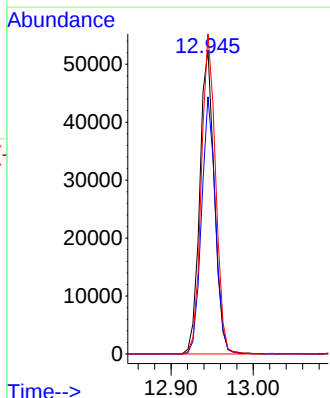
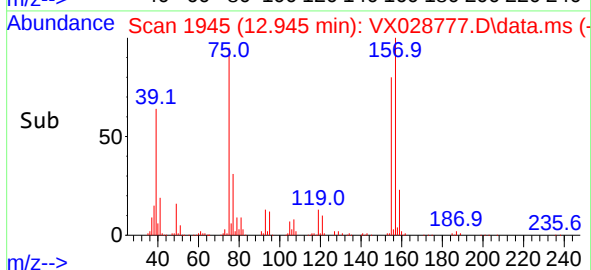
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

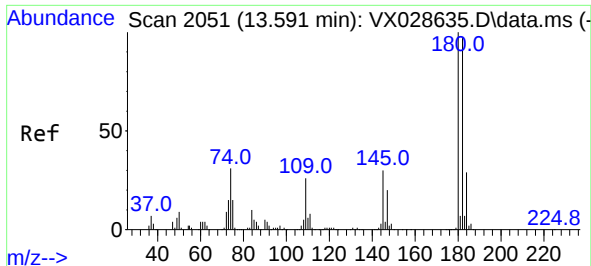


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.280 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.001 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06



Tgt Ion: 75 Resp: 64965
Ion Ratio Lower Upper
75 100
155 80.6 47.0 141.2
157 102.6 57.9 173.6





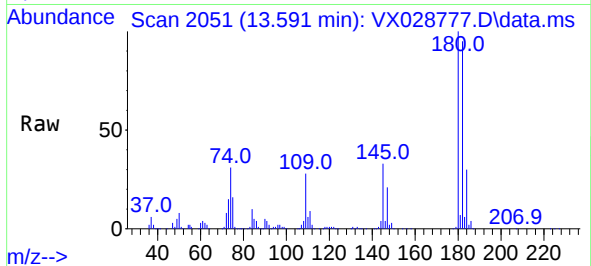
#93
1,2,4-Trichlorobenzene
Concen: 49.740 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



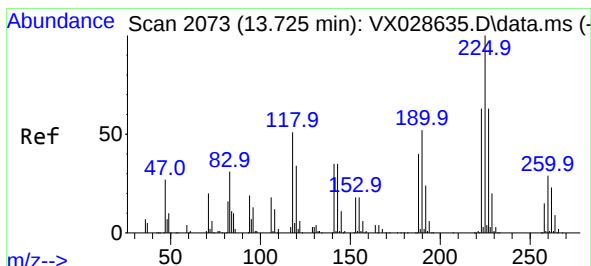
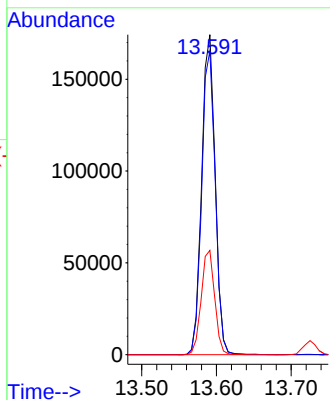
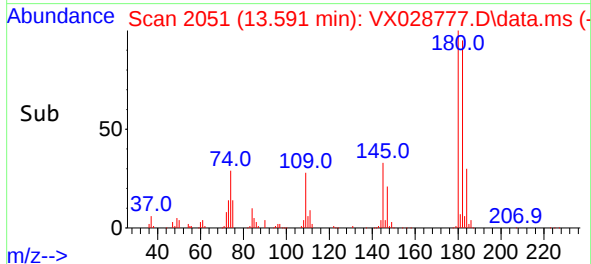
Tgt Ion:180 Resp: 21801
Ion Ratio Lower Upper
180 100
182 95.4 47.7 143.1
145 32.6 15.2 45.5

Manual Integrations

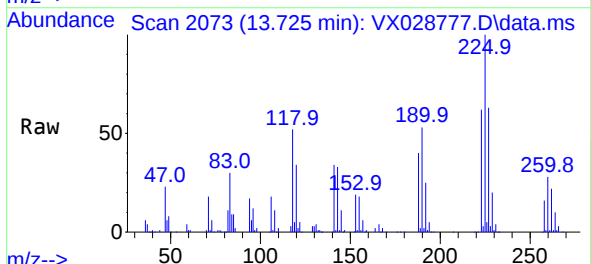
APPROVED

Reviewed By :John Carlone 05/18/2022

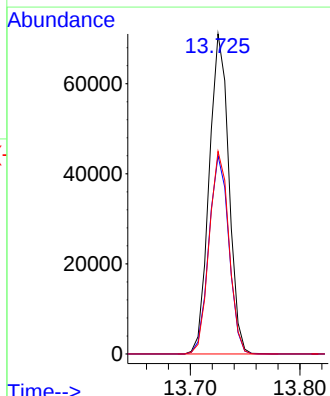
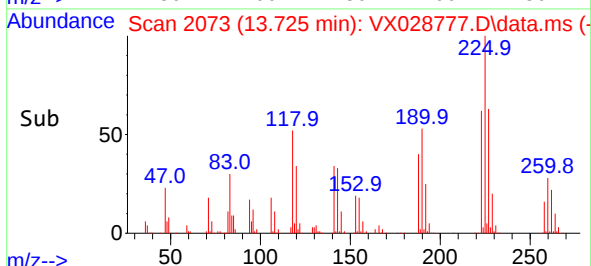
Supervised By :Mahesh Dadoda 05/18/2022

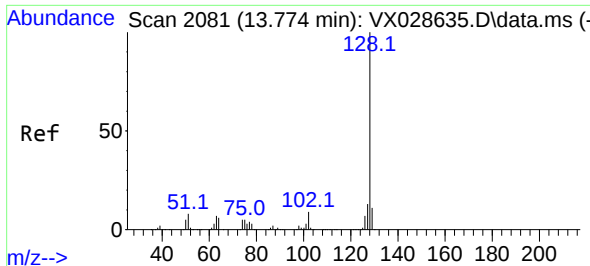


#94
Hexachlorobutadiene
Concen: 49.685 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06



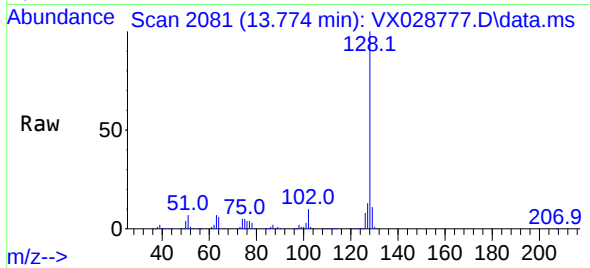
Tgt Ion:225 Resp: 88470
Ion Ratio Lower Upper
225 100
223 62.8 34.2 102.5
227 63.4 33.9 101.7





#95
Naphthalene
Concen: 51.181 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06

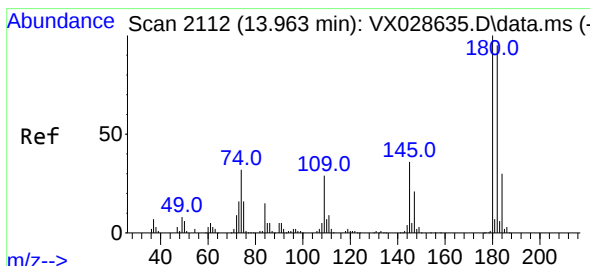
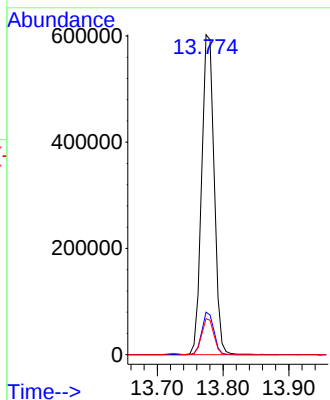
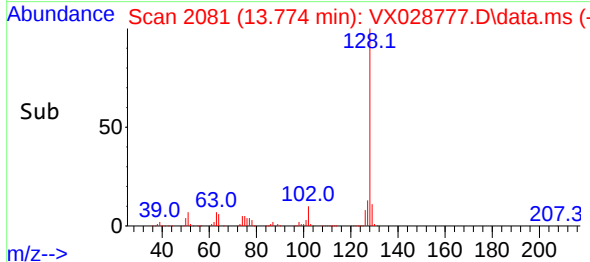
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 79828
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#96
1,2,3-Trichlorobenzene
Concen: 49.730 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX028777.D
Acq: 17 May 2022 23:06

Tgt Ion:180 Resp: 218922
Ion Ratio Lower Upper
180 100
182 94.1 50.0 149.8
145 34.5 16.2 48.5

