

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072522\
 Data File : VX030202.D
 Acq On : 25 Jul 2022 19:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 26 01:38:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	145222	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	261483	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	275158	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	172513	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	153612	52.627	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.260%	
35) Dibromofluoromethane	5.397	113	123145	49.265	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.540%	
50) Toluene-d8	8.653	98	490965	50.718	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.440%	
62) 4-Bromofluorobenzene	11.085	95	189102	52.637	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.280%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	128012	53.720	ug/l	100
3) Chloromethane	1.288	50	121258	51.458	ug/l	100
4) Vinyl Chloride	1.374	62	118040	49.631	ug/l	98
5) Bromomethane	1.599	94	43248	52.085	ug/l	98
6) Chloroethane	1.678	64	68190	49.934	ug/l	99
7) Trichlorofluoromethane	1.880	101	159072	50.765	ug/l	96
8) Diethyl Ether	2.136	74	61839	50.396	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	114050	49.140	ug/l	97
10) Methyl Iodide	2.447	142	121146	53.451	ug/l	97
11) Tert butyl alcohol	2.977	59	189021	265.480	ug/l	99
12) 1,1-Dichloroethene	2.319	96	113262	49.926	ug/l	98
13) Acrolein	2.239	56	34766	198.664	ug/l	97
14) Allyl chloride	2.666	41	227043	48.500	ug/l	97
15) Acrylonitrile	3.068	53	448227	254.748	ug/l	99
16) Acetone	2.386	43	373678	250.055	ug/l	96
17) Carbon Disulfide	2.508	76	289031	47.198	ug/l	98
18) Methyl Acetate	2.709	43	215724	48.805	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	399829	51.452	ug/l	99
20) Methylene Chloride	2.788	84	136854	53.612	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	123727	49.412	ug/l	99
22) Diisopropyl ether	3.770	45	462401	52.205	ug/l	89
23) Vinyl Acetate	3.727	43	2052001	267.073	ug/l	98
24) 1,1-Dichloroethane	3.611	63	231350	49.154	ug/l	99
25) 2-Butanone	4.568	43	646765	257.551	ug/l	98
26) 2,2-Dichloropropane	4.483	77	148943	43.764	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	146466	49.741	ug/l	97
28) Bromochloromethane	4.910	49	104652	52.632	ug/l	95
29) Tetrahydrofuran	5.013	42	432822	256.162	ug/l	96
30) Chloroform	5.099	83	236031	50.650	ug/l	99
31) Cyclohexane	5.477	56	214251	50.555	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	192222	50.746	ug/l	99
36) 1,1-Dichloropropene	5.696	75	168587	46.865	ug/l	98
37) Ethyl Acetate	4.721	43	239523	47.019	ug/l	98
38) Carbon Tetrachloride	5.684	117	158876	47.309	ug/l	98
39) Methylcyclohexane	7.385	83	215006	46.305	ug/l	95
40) Benzene	6.044	78	536131	47.369	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	126357	46.273	ug/l	96
42) 1,2-Dichloroethane	6.092	62	183376	46.889	ug/l	98
43) Isopropyl Acetate	6.348	43	366905	49.132	ug/l	98
44) Trichloroethene	7.129	130	138470	44.775	ug/l	95
45) 1,2-Dichloropropane	7.434	63	142652	47.256	ug/l	99
46) Dibromomethane	7.586	93	94389	45.979	ug/l	98
47) Bromodichloromethane	7.830	83	176800	47.375	ug/l	97
48) Methyl methacrylate	7.702	41	178569	48.581	ug/l	96
49) 1,4-Dioxane	7.665	88	79307	934.173	ug/l	93
51) 4-Methyl-2-Pentanone	8.580	43	1248795	246.322	ug/l	97
52) Toluene	8.720	92	328666	47.597	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	195751	48.661	ug/l	95
54) cis-1,3-Dichloropropene	8.372	75	209802	47.858	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	143244	48.721	ug/l	92
56) Ethyl methacrylate	9.122	69	234513	50.457	ug/l	94
57) 1,3-Dichloropropane	9.311	76	231162	47.632	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	620439	268.977	ug/l	97
59) 2-Hexanone	9.433	43	997344	249.351	ug/l	97
60) Dibromochloromethane	9.525	129	135245	49.693	ug/l	100
61) 1,2-Dibromoethane	9.616	107	147184	47.944	ug/l	99
64) Tetrachloroethene	9.275	164	133767	45.157	ug/l	97
65) Chlorobenzene	10.079	112	354396	47.414	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	125138	49.250	ug/l	99
67) Ethyl Benzene	10.195	91	648865	46.766	ug/l	97
68) m/p-Xylenes	10.305	106	494080	97.579	ug/l	96
69) o-Xylene	10.646	106	245025	49.099	ug/l	95
70) Styrene	10.659	104	416431	50.790	ug/l	98
71) Bromoform	10.805	173	96493	51.656	ug/l #	100
73) Isopropylbenzene	10.963	105	638223	47.390	ug/l	99
74) N-amyl acetate	10.848	43	333391	50.935	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	230517	46.764	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	270013	59.378	ug/l	87
77) Bromobenzene	11.201	156	144863	45.829	ug/l	93
78) n-propylbenzene	11.305	91	774463	48.182	ug/l	98
79) 2-Chlorotoluene	11.366	91	462148	45.529	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	543851	48.227	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	72619	47.907	ug/l	94
82) 4-Chlorotoluene	11.457	91	530928	47.873	ug/l	97
83) tert-Butylbenzene	11.719	119	505633	48.375	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	545622	48.497	ug/l	98
85) sec-Butylbenzene	11.890	105	692445	48.402	ug/l	99
86) p-Isopropyltoluene	12.012	119	563183	49.205	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	284983	46.357	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	286659	45.807	ug/l	100
89) n-Butylbenzene	12.335	91	547725	51.400	ug/l	98
90) Hexachloroethane	12.542	117	98116	49.788	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	290811	48.196	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	62526	52.886	ug/l	83
93) 1,2,4-Trichlorobenzene	13.591	180	166722	47.646	ug/l	98
94) Hexachlorobutadiene	13.725	225	64599	45.977	ug/l	98
95) Naphthalene	13.780	128	700260	51.233	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	172857	48.167	ug/l	99

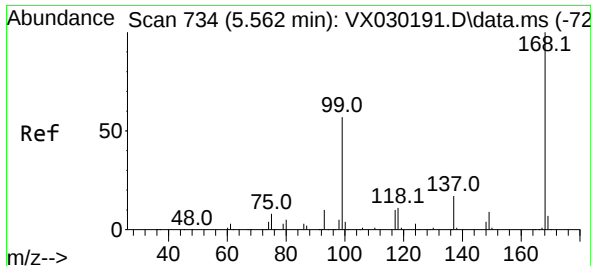
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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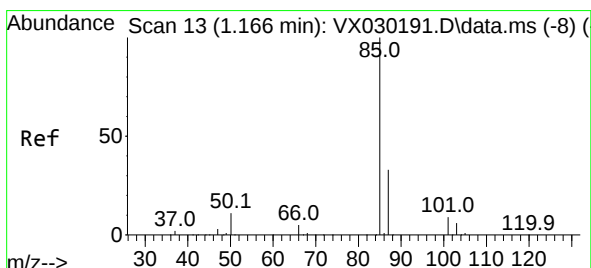
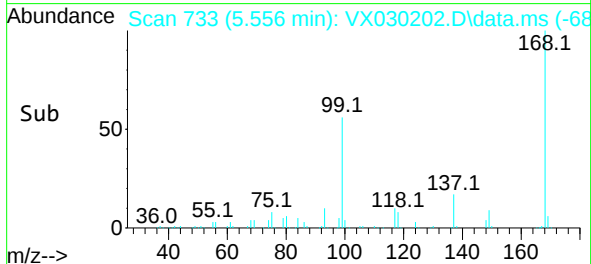
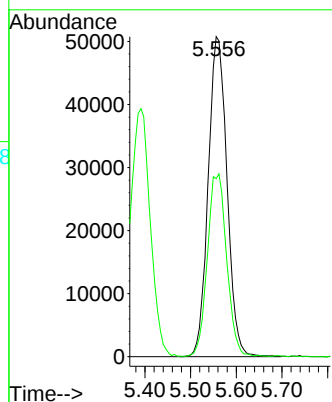
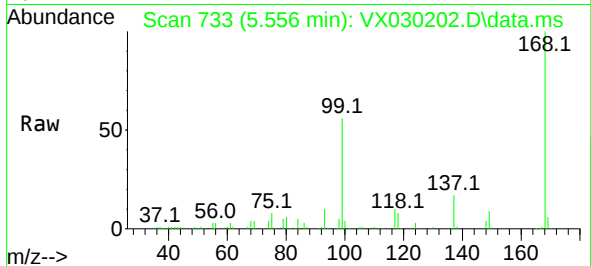
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
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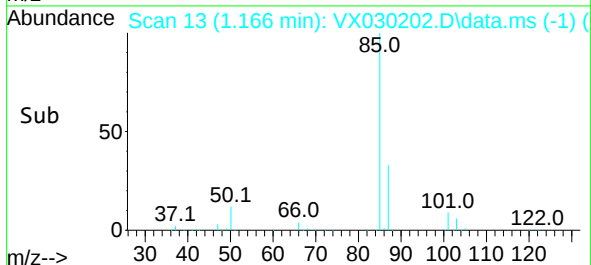
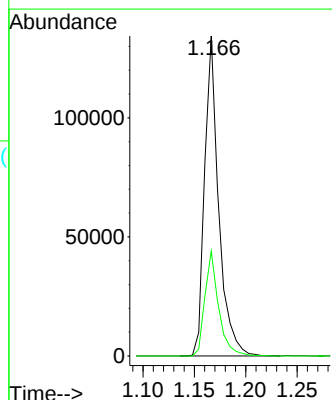
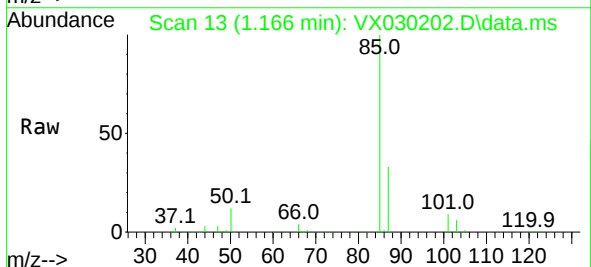
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 145222
Ion Ratio Lower Upper
168 100
99 55.5 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 53.720 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX030202.D
Acq: 25 Jul 2022 19:59

Tgt Ion: 85 Resp: 128012
Ion Ratio Lower Upper
85 100
87 32.8 16.5 49.5

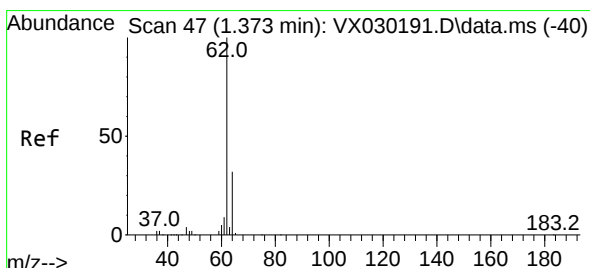
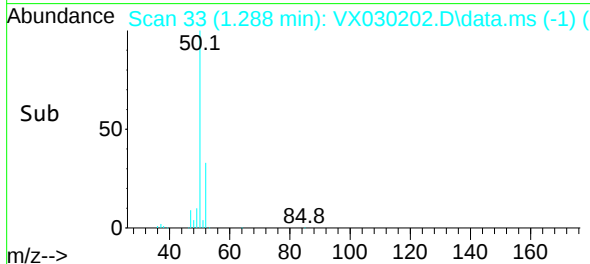
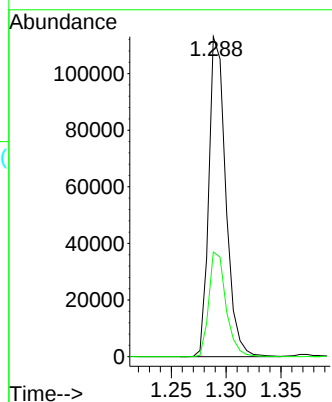
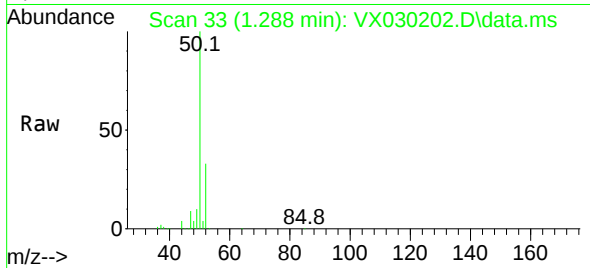




#3
Chloromethane
Concen: 51.458 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030202.D
Acq: 25 Jul 2022 19:59

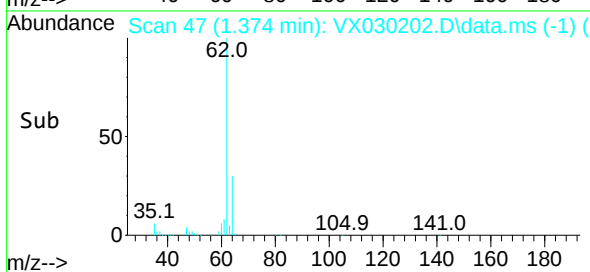
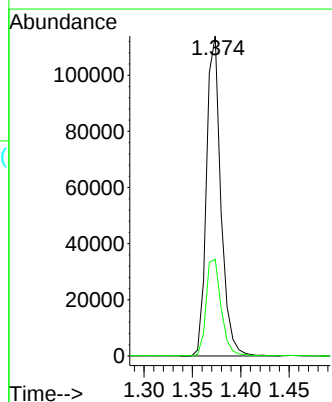
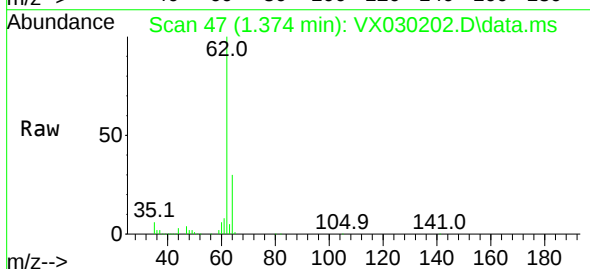
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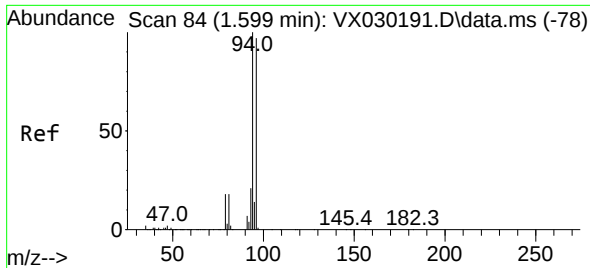
Tgt Ion: 50 Resp: 121258
Ion Ratio Lower Upper
50 100
52 32.7 26.3 39.5



#4
Vinyl Chloride
Concen: 49.631 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX030202.D
Acq: 25 Jul 2022 19:59

Tgt Ion: 62 Resp: 118040
Ion Ratio Lower Upper
62 100
64 30.2 25.2 37.8

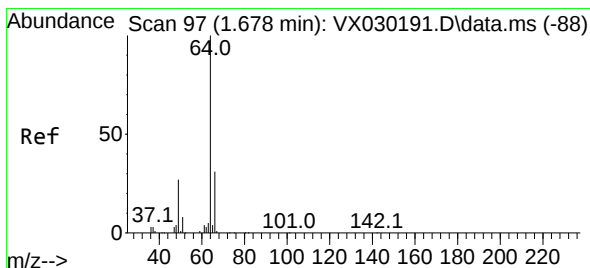
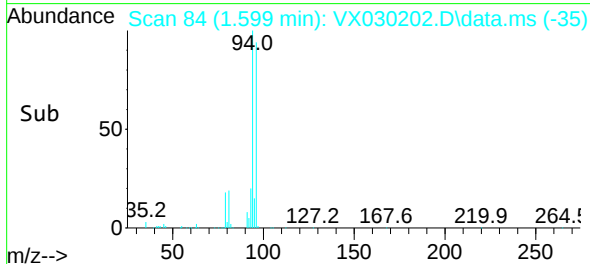
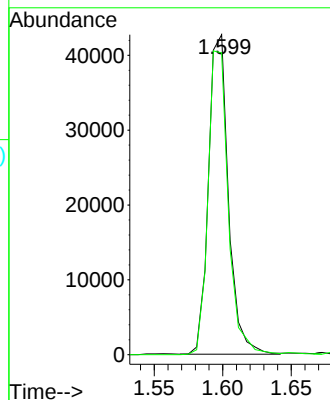
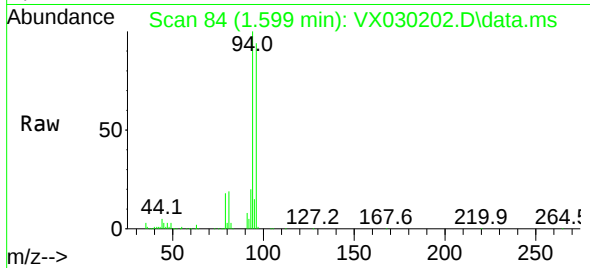




#5
 Bromomethane
 Concen: 52.085 ug/l
 RT: 1.599 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VX030202.D
 Acq: 25 Jul 2022 19:59

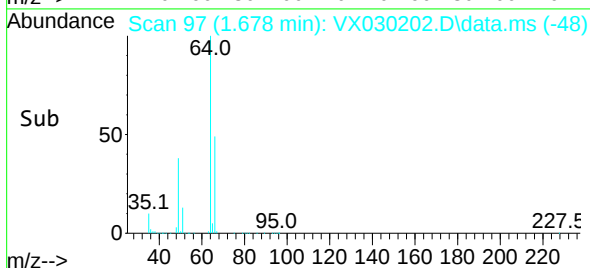
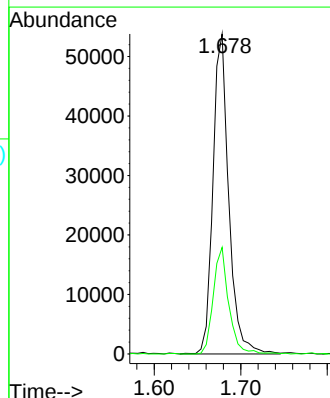
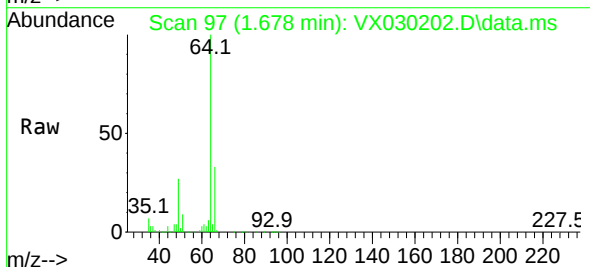
Instrument :
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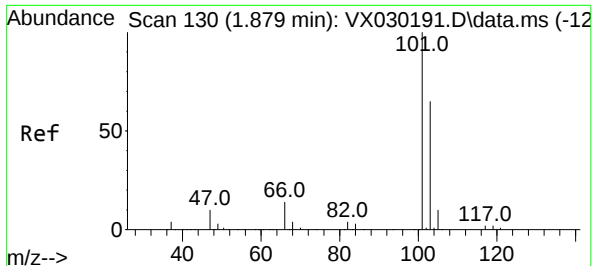
Tgt Ion: 94 Resp: 43248
 Ion Ratio Lower Upper
 94 100
 96 94.5 76.9 115.3



#6
 Chloroethane
 Concen: 49.934 ug/l
 RT: 1.678 min Scan# 97
 Delta R.T. 0.000 min
 Lab File: VX030202.D
 Acq: 25 Jul 2022 19:59

Tgt Ion: 64 Resp: 68190
 Ion Ratio Lower Upper
 64 100
 66 33.3 27.2 40.8

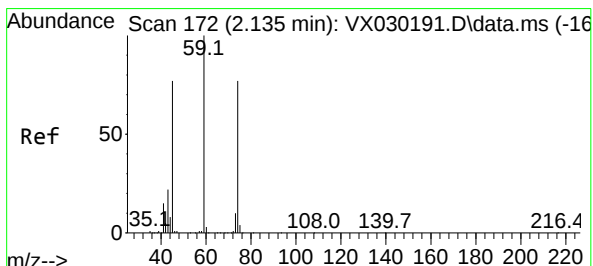
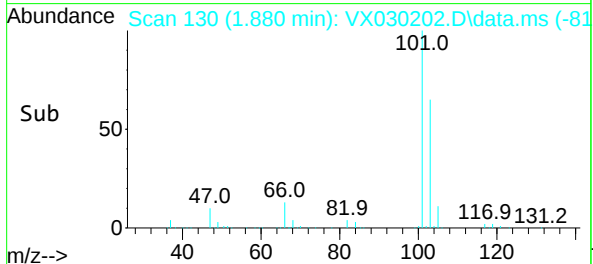
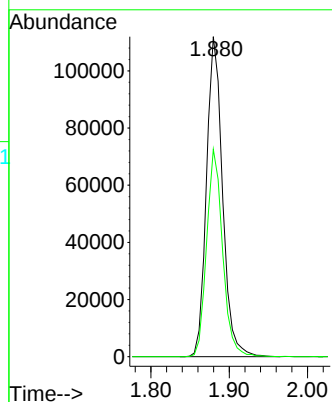
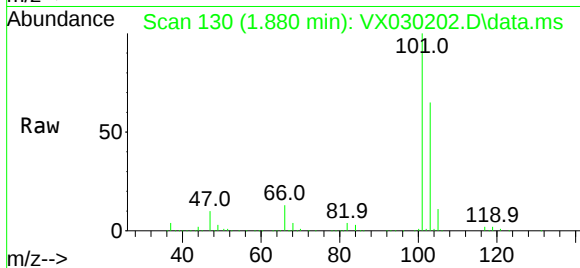




#7
Trichlorofluoromethane
Concen: 50.765 ug/l
RT: 1.880 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX030202.D
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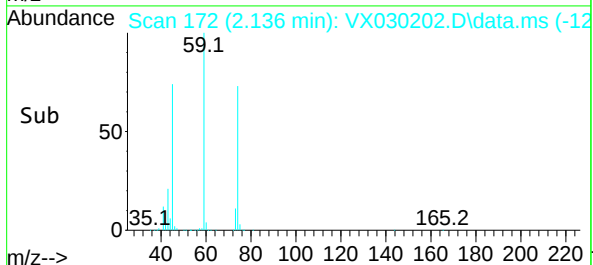
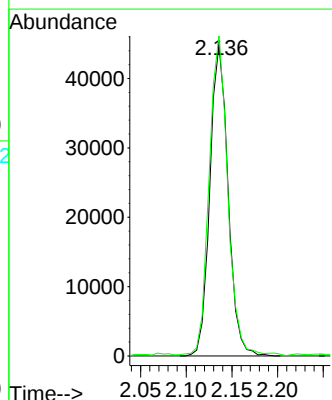
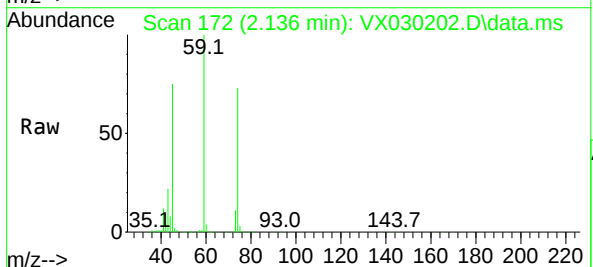
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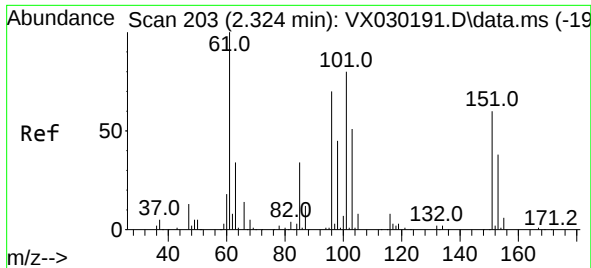
Tgt Ion:101 Resp: 159072
Ion Ratio Lower Upper
101 100
103 64.8 49.7 74.5



#8
Diethyl Ether
Concen: 50.396 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.001 min
Lab File: VX030202.D
Acq: 25 Jul 2022 19:59

Tgt Ion: 74 Resp: 61839
Ion Ratio Lower Upper
74 100
45 105.6 51.5 154.7

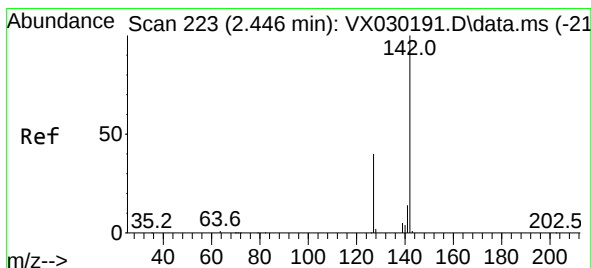
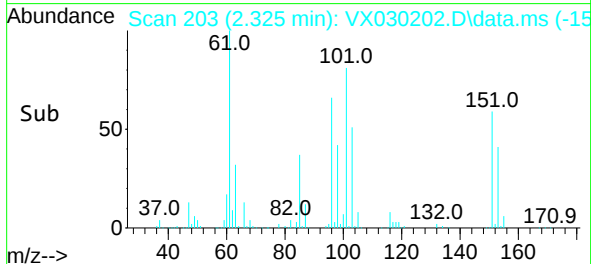
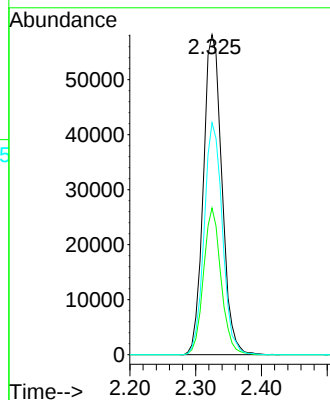
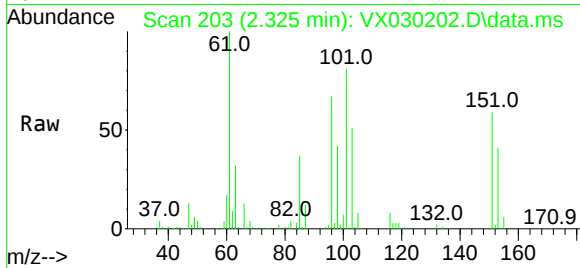




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.140 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.001 min
Lab File: VX030202.D
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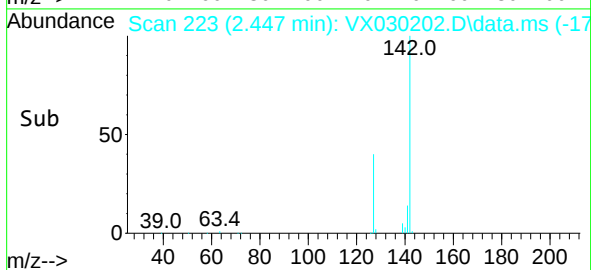
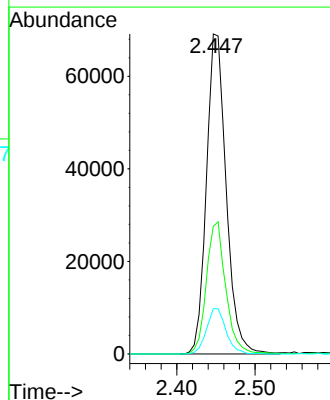
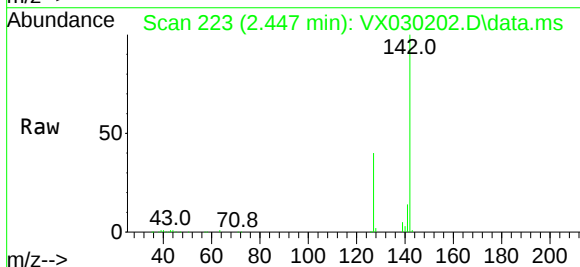
Instrument :
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Tgt Ion:101 Resp: 114050
Ion Ratio Lower Upper
101 100
85 43.2 34.0 51.0
151 71.2 59.4 89.0



#10
Methyl Iodide
Concen: 53.451 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.001 min
Lab File: VX030202.D
Acq: 25 Jul 2022 19:59

Tgt Ion:142 Resp: 121146
Ion Ratio Lower Upper
142 100
127 40.5 30.2 45.2
141 14.1 11.3 16.9

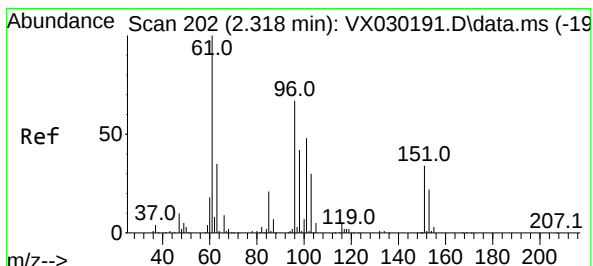
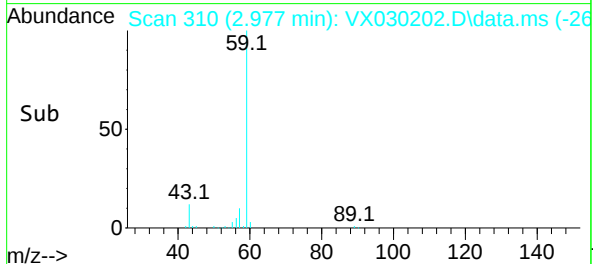
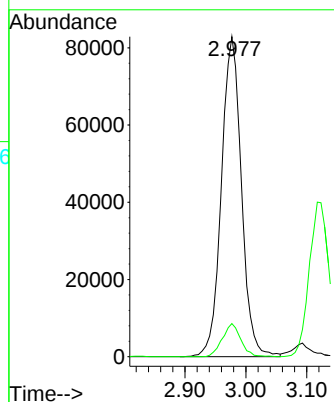
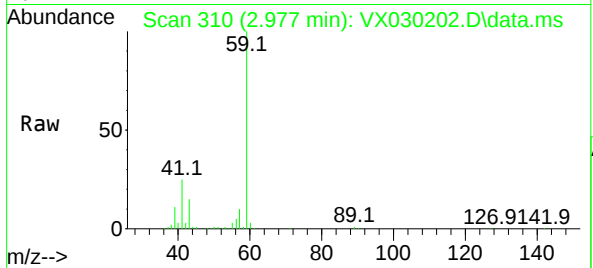




#11
Tert butyl alcohol
Concen: 265.480 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.000 min
Lab File: VX030202.D
Acq: 25 Jul 2022 19:59

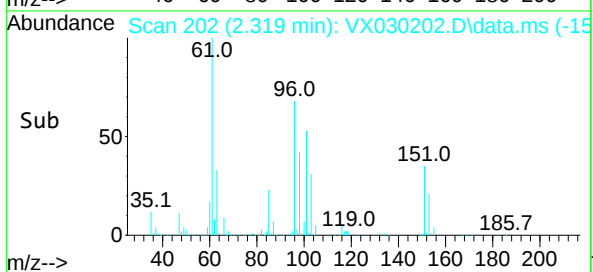
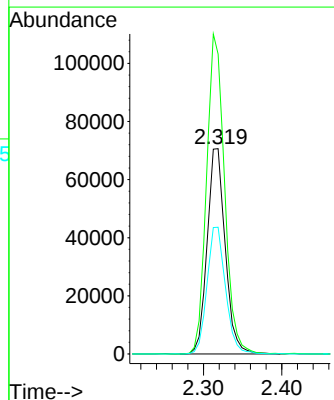
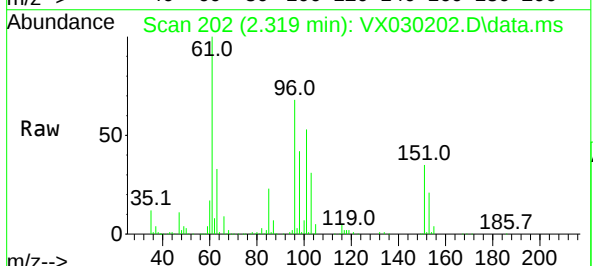
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

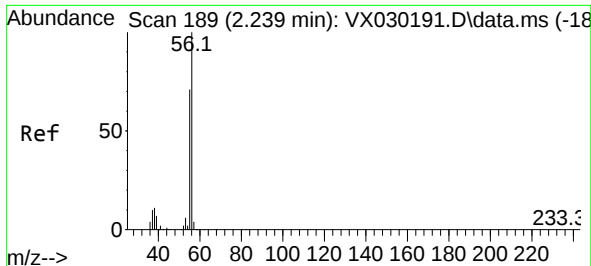
Tgt Ion: 59 Resp: 189021
Ion Ratio Lower Upper
59 100
57 9.6 7.4 11.2



#12
1,1-Dichloroethene
Concen: 49.926 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX030202.D
Acq: 25 Jul 2022 19:59

Tgt Ion: 96 Resp: 113262
Ion Ratio Lower Upper
96 100
61 146.1 117.4 176.0
98 61.7 52.2 78.4

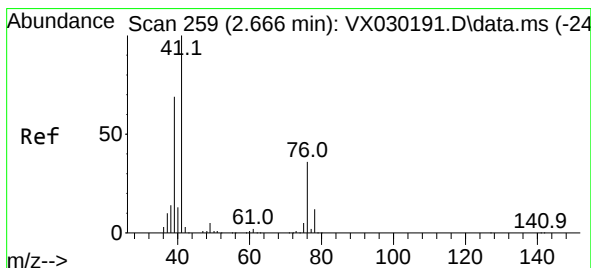
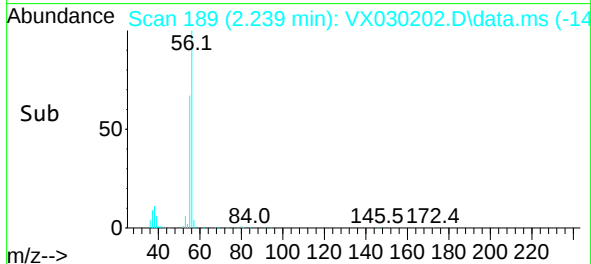
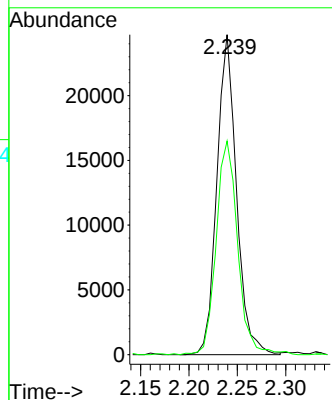
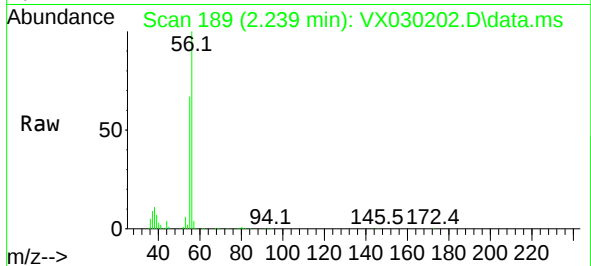




#13
Acrolein
Concen: 198.664 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX030202.D
Acq: 25 Jul 2022 19:59

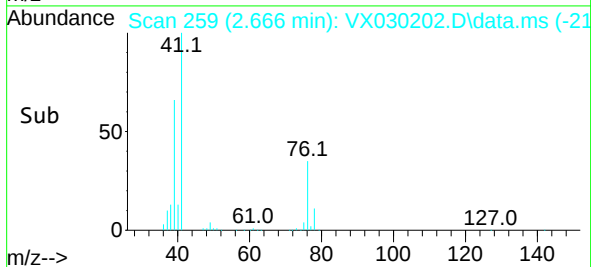
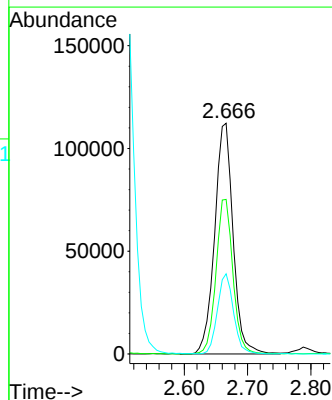
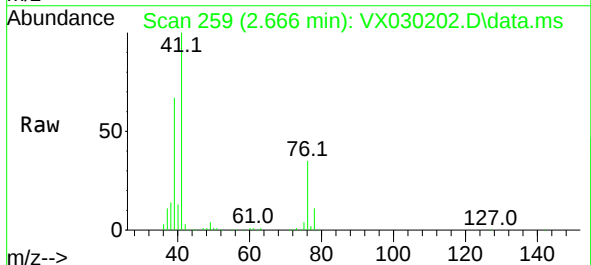
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

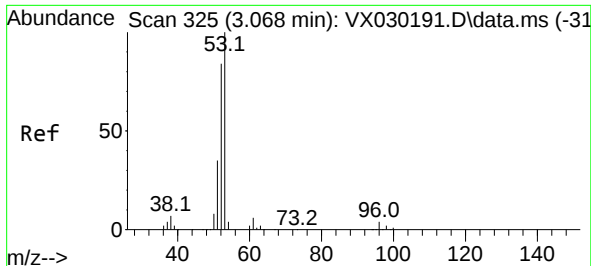
Tgt Ion: 56 Resp: 34766
Ion Ratio Lower Upper
56 100
55 73.5 56.6 84.8



#14
Allyl chloride
Concen: 48.500 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX030202.D
Acq: 25 Jul 2022 19:59

Tgt Ion: 41 Resp: 227043
Ion Ratio Lower Upper
41 100
39 61.6 48.9 73.3
76 30.1 26.9 40.3

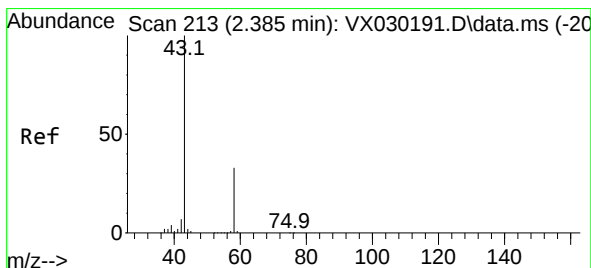
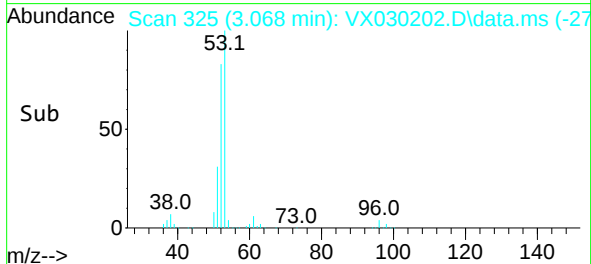
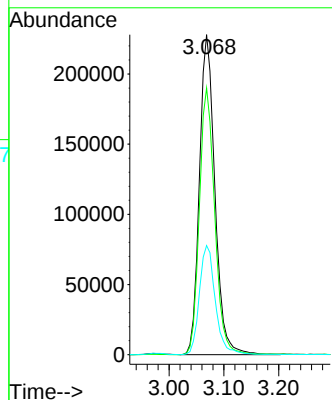
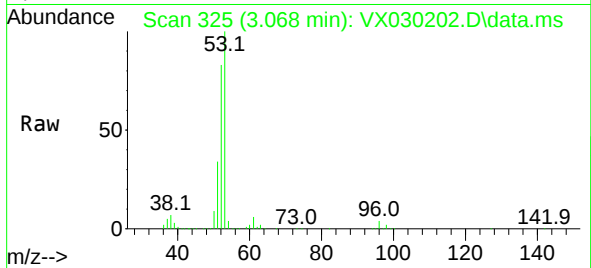




#15
Acrylonitrile
Concen: 254.748 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX030202.D
Acq: 25 Jul 2022 19:59

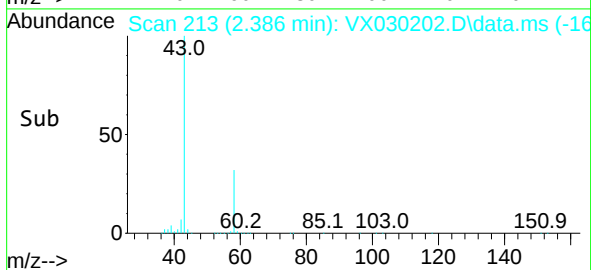
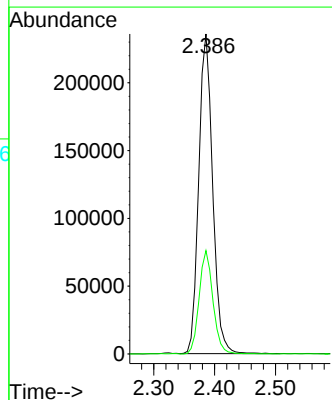
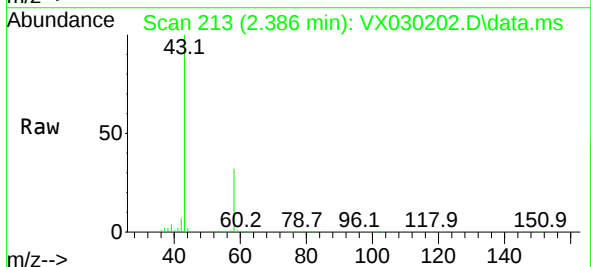
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

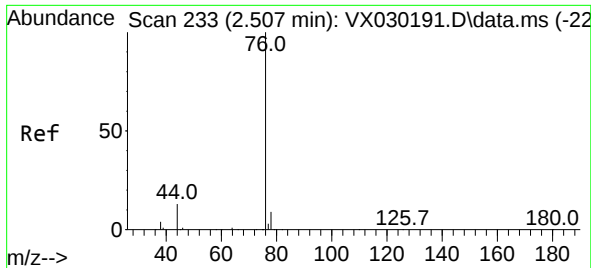
Tgt Ion: 53 Resp: 448227
Ion Ratio Lower Upper
53 100
52 82.8 65.4 98.0
51 35.3 27.7 41.5



#16
Acetone
Concen: 250.055 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.001 min
Lab File: VX030202.D
Acq: 25 Jul 2022 19:59

Tgt Ion: 43 Resp: 373678
Ion Ratio Lower Upper
43 100
58 32.3 27.7 41.5

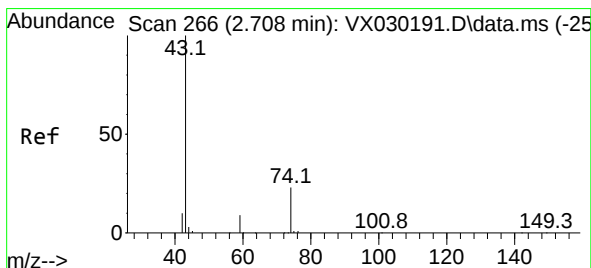
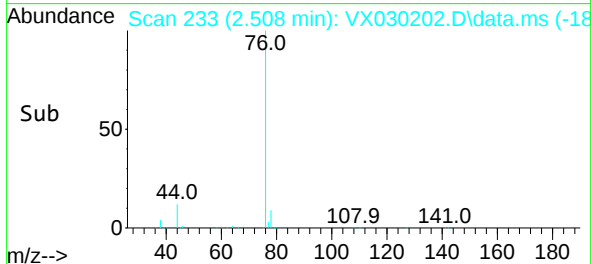
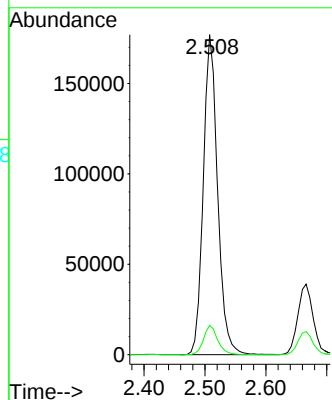
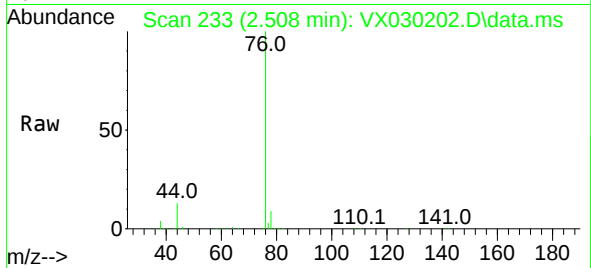




#17
Carbon Disulfide
Concen: 47.198 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX030202.D
Acq: 25 Jul 2022 19:59

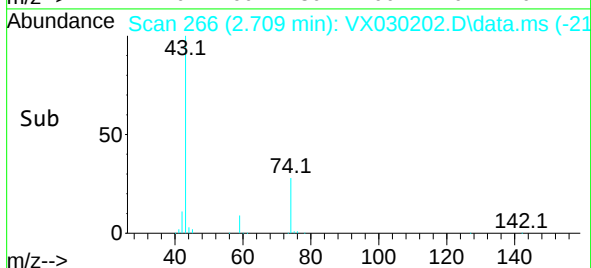
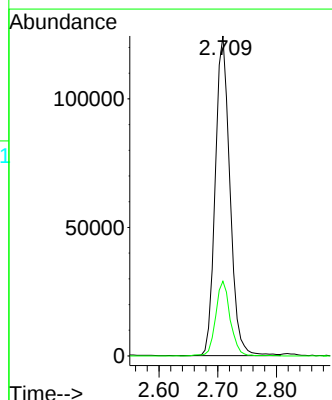
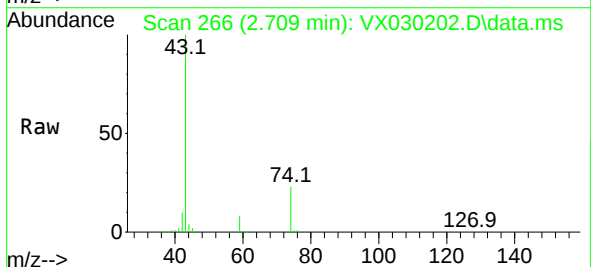
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 289031
Ion Ratio Lower Upper
76 100
78 9.1 7.8 11.6



#18
Methyl Acetate
Concen: 48.805 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.001 min
Lab File: VX030202.D
Acq: 25 Jul 2022 19:59

Tgt Ion: 43 Resp: 215724
Ion Ratio Lower Upper
43 100
74 23.2 19.4 29.2

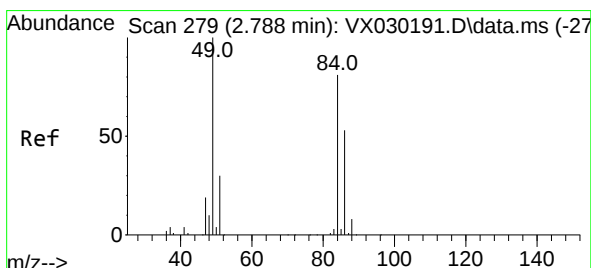
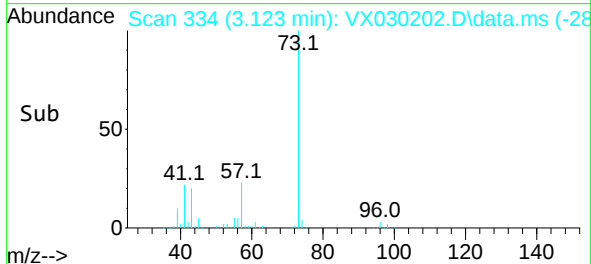
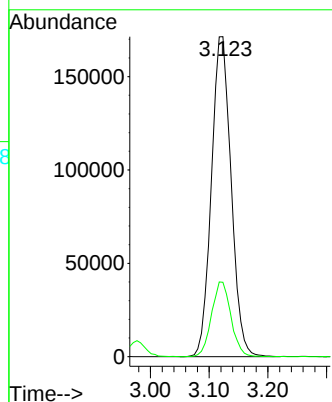
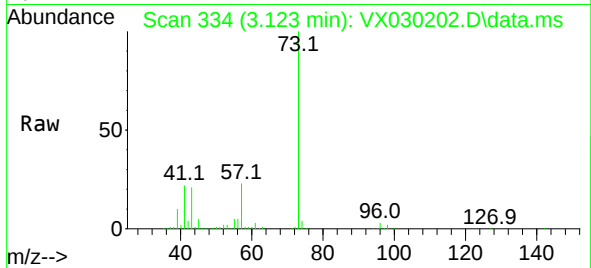




#19
Methyl tert-butyl Ether
Concen: 51.452 ug/l
RT: 3.123 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX030202.D
Acq: 25 Jul 2022 19:59

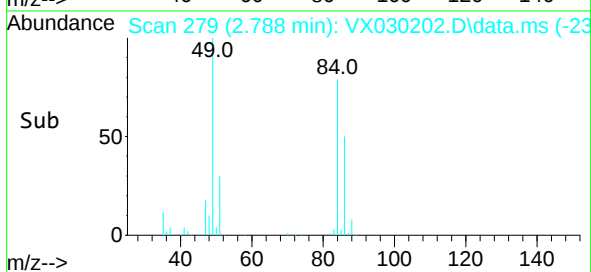
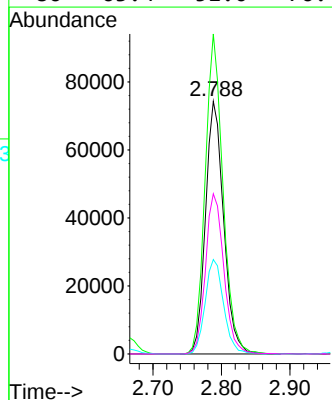
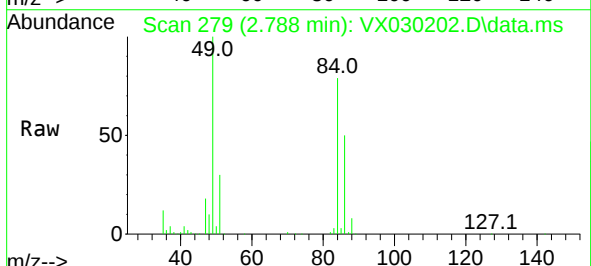
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

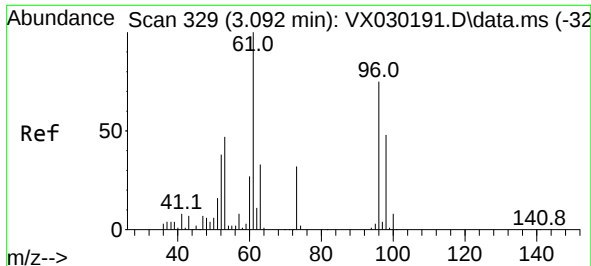
Tgt Ion: 73 Resp: 399829
Ion Ratio Lower Upper
73 100
57 23.3 19.0 28.6



#20
Methylene Chloride
Concen: 53.612 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX030202.D
Acq: 25 Jul 2022 19:59

Tgt Ion: 84 Resp: 136854
Ion Ratio Lower Upper
84 100
49 126.6 93.8 140.6
51 37.4 29.4 44.0
86 63.4 51.0 76.4

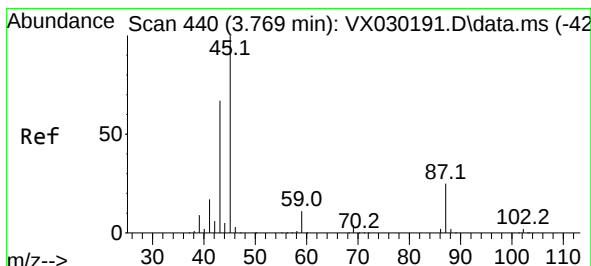
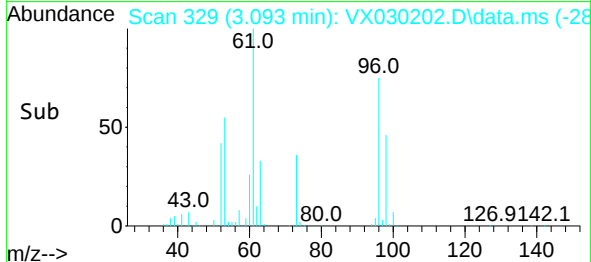
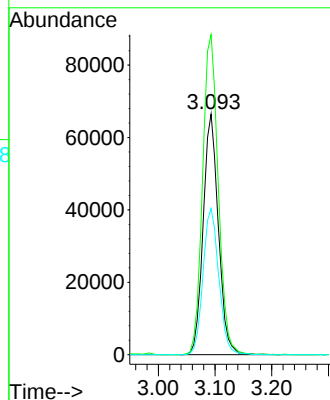
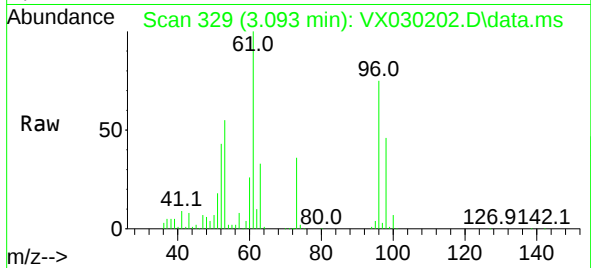




#21
trans-1,2-Dichloroethene
Concen: 49.412 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.001 min
Lab File: VX030202.D
Acq: 25 Jul 2022 19:59

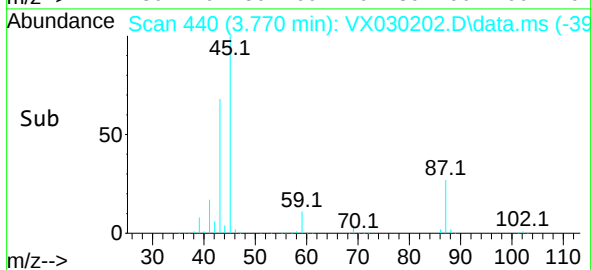
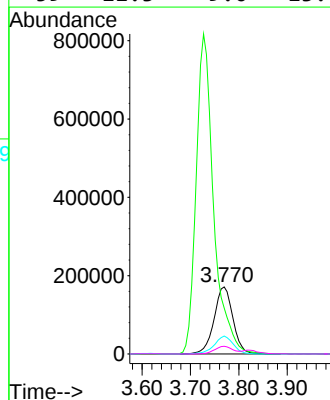
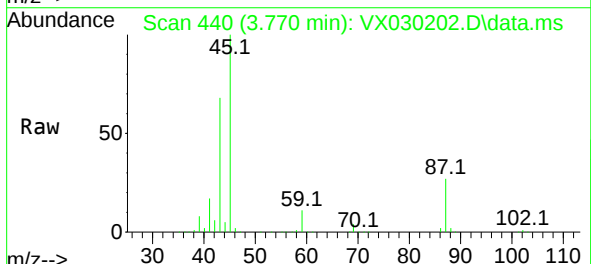
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

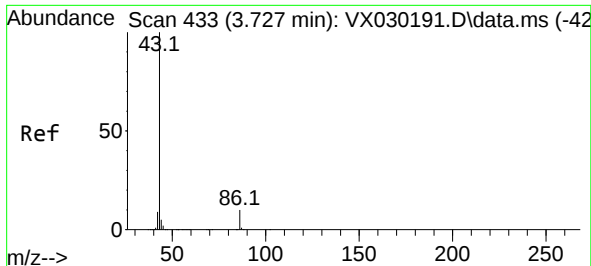
Tgt Ion: 96 Resp: 123727
Ion Ratio Lower Upper
96 100
61 132.9 105.6 158.4
98 60.8 50.1 75.1



#22
Diisopropyl ether
Concen: 52.205 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.001 min
Lab File: VX030202.D
Acq: 25 Jul 2022 19:59

Tgt Ion: 45 Resp: 462401
Ion Ratio Lower Upper
45 100
43 68.0 65.4 98.0
87 26.8 22.3 33.5
59 11.3 9.0 13.4

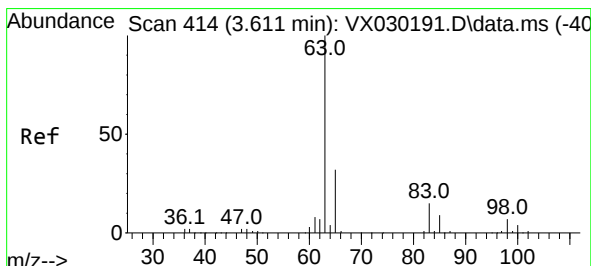
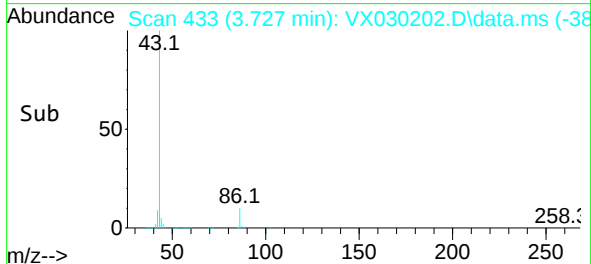
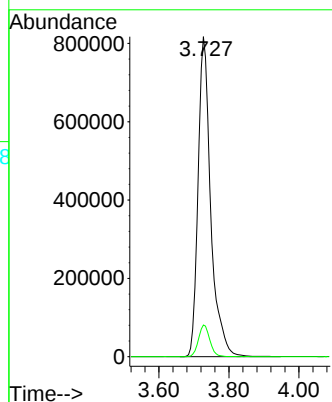
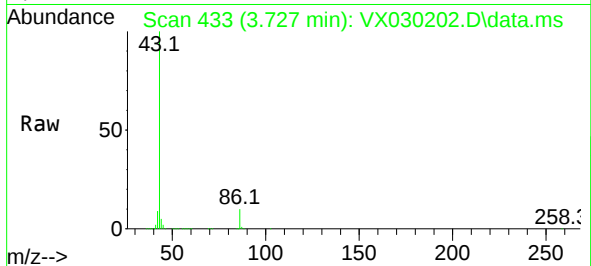




#23
 Vinyl Acetate
 Concen: 267.073 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030202.D
 Acq: 25 Jul 2022 19:59

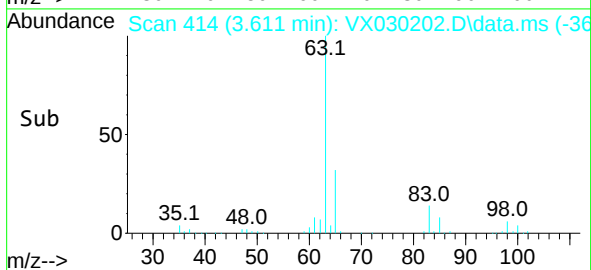
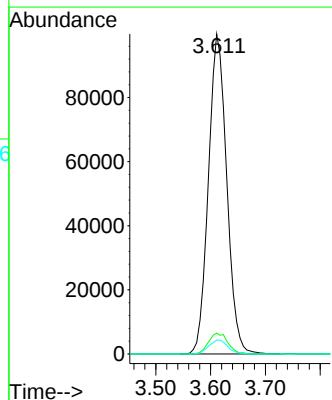
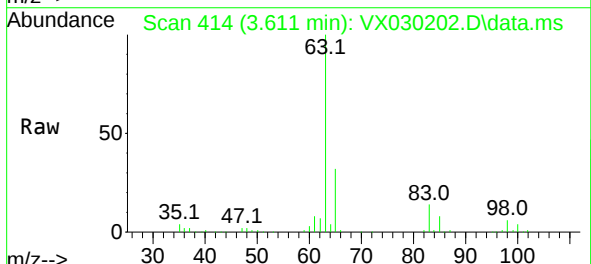
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 2052001
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 49.154 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX030202.D
 Acq: 25 Jul 2022 19:59

Tgt Ion: 63 Resp: 231350
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.5 10.5
 100 4.4 2.3 6.9

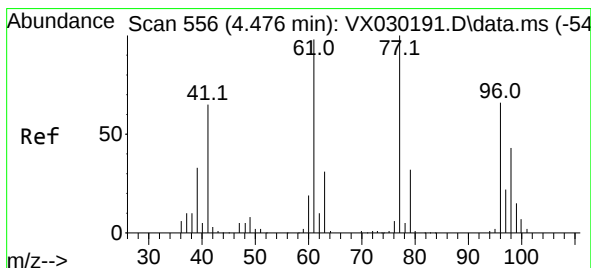
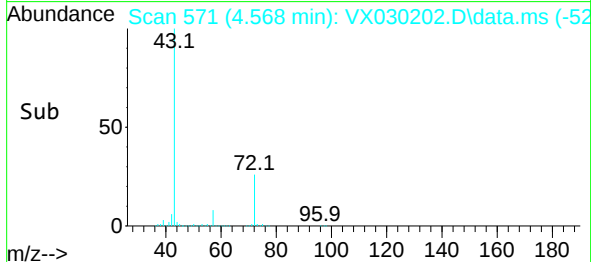
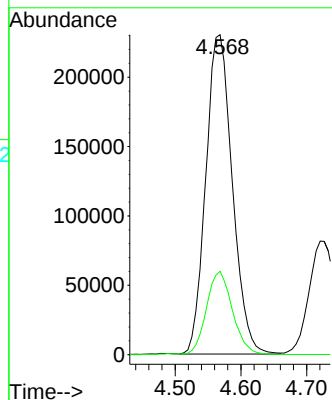
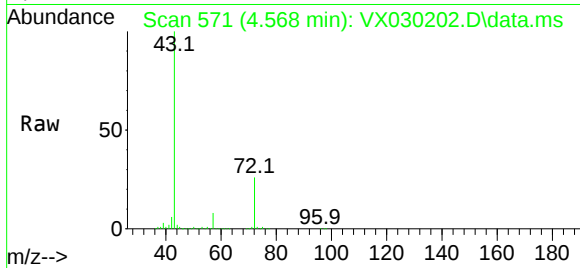




#25
2-Butanone
Concen: 257.551 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX030202.D
Acq: 25 Jul 2022 19:59

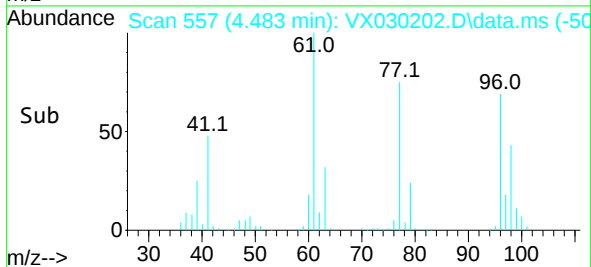
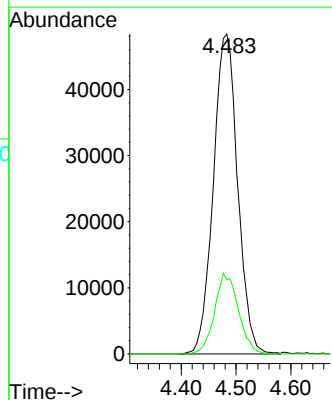
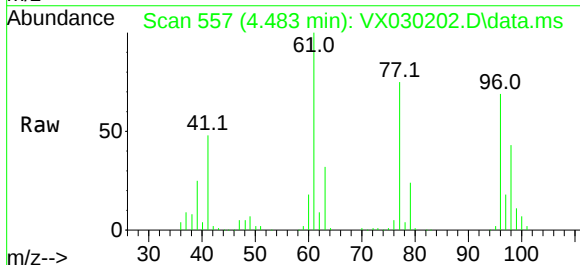
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 646765
Ion Ratio Lower Upper
43 100
72 26.0 21.7 32.5



#26
2,2-Dichloropropane
Concen: 43.764 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.007 min
Lab File: VX030202.D
Acq: 25 Jul 2022 19:59

Tgt Ion: 77 Resp: 148943
Ion Ratio Lower Upper
77 100
97 24.7 13.0 39.0





#27

cis-1,2-Dichloroethene

Concen: 49.741 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX030202.D

Acq: 25 Jul 2022 19:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

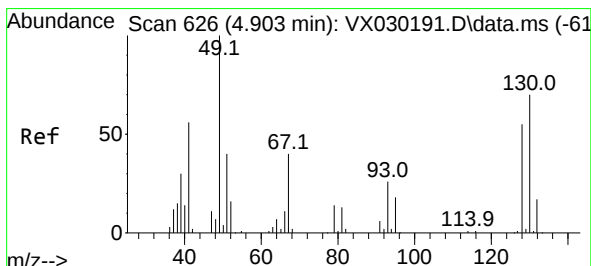
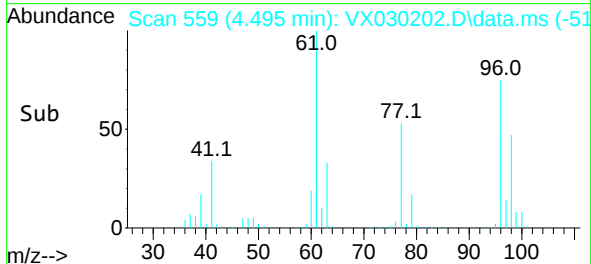
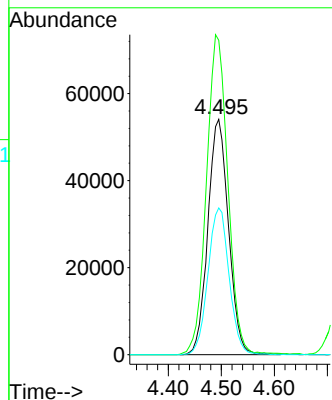
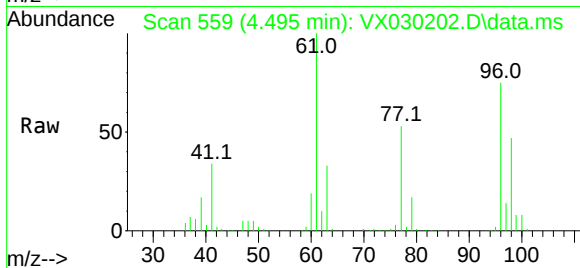
Tgt Ion: 96 Resp: 146466

Ion Ratio Lower Upper

96 100

61 140.9 0.0 270.0

98 63.9 0.0 127.8



#28

Bromochloromethane

Concen: 52.632 ug/l

RT: 4.910 min Scan# 627

Delta R.T. 0.007 min

Lab File: VX030202.D

Acq: 25 Jul 2022 19:59

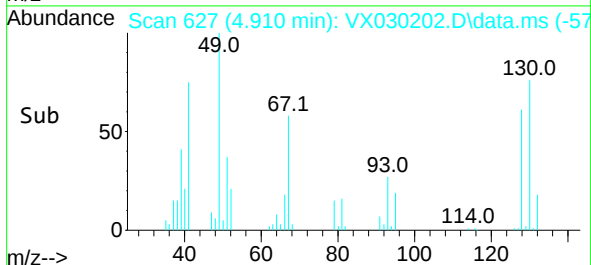
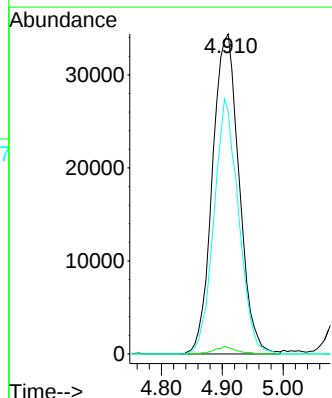
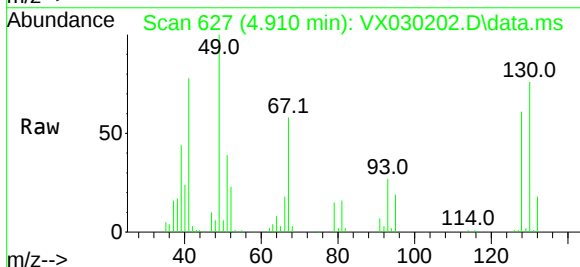
Tgt Ion: 49 Resp: 104652

Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.4

130 73.8 62.8 94.2





#29

Tetrahydrofuran

Concen: 256.162 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX030202.D

Acq: 25 Jul 2022 19:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

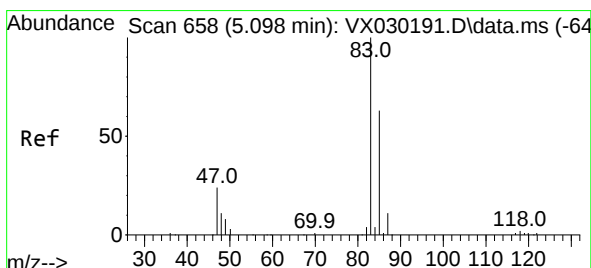
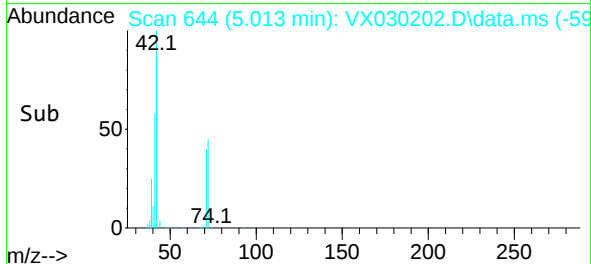
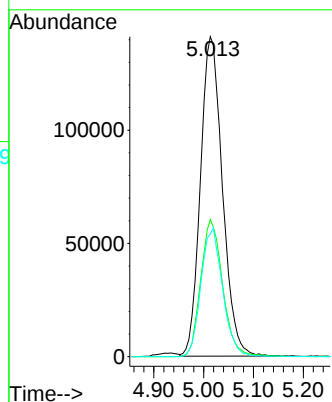
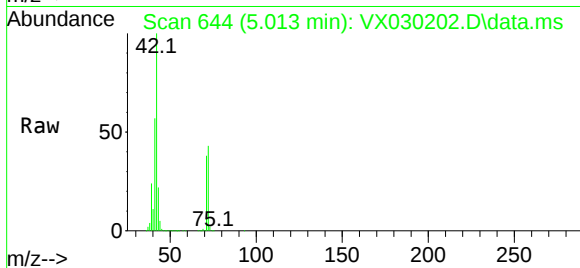
Tgt Ion: 42 Resp: 432822

Ion Ratio Lower Upper

42 100

72 42.8 36.5 54.7

71 39.6 33.9 50.9



#30

Chloroform

Concen: 50.650 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.001 min

Lab File: VX030202.D

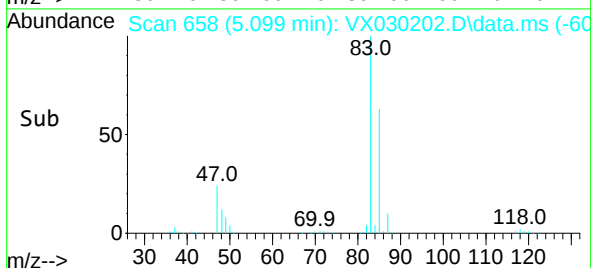
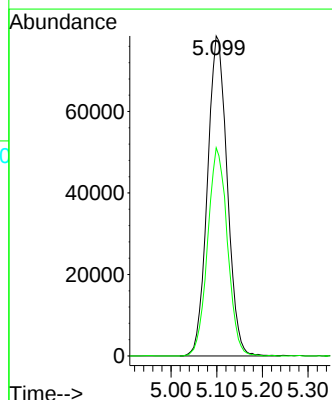
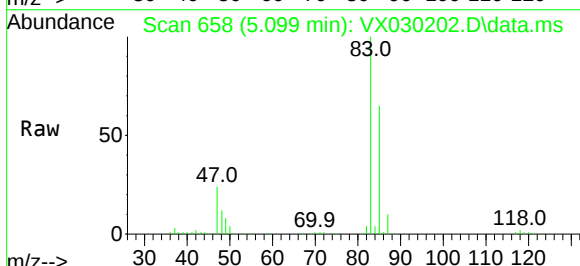
Acq: 25 Jul 2022 19:59

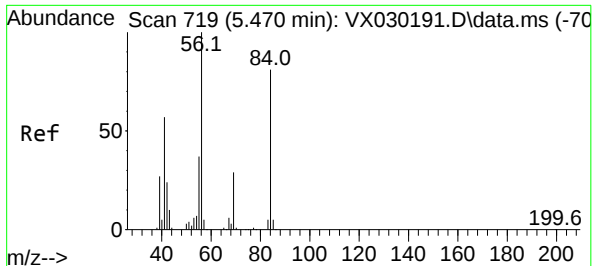
Tgt Ion: 83 Resp: 236031

Ion Ratio Lower Upper

83 100

85 65.0 51.5 77.3

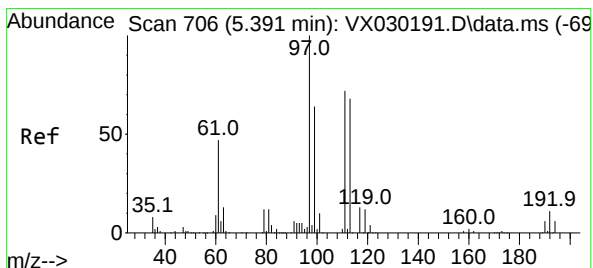
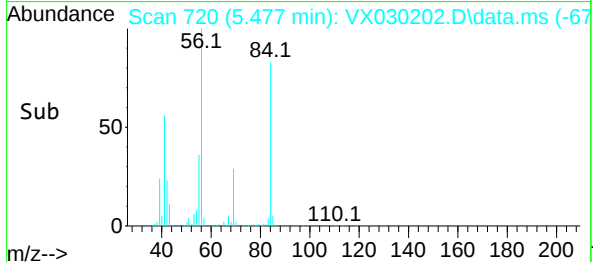
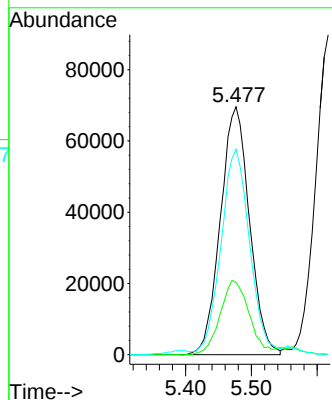
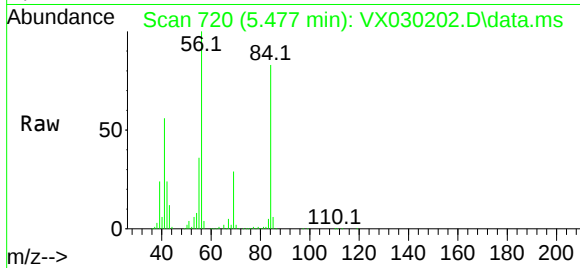




#31
Cyclohexane
Concen: 50.555 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.007 min
Lab File: VX030202.D
Acq: 25 Jul 2022 19:59

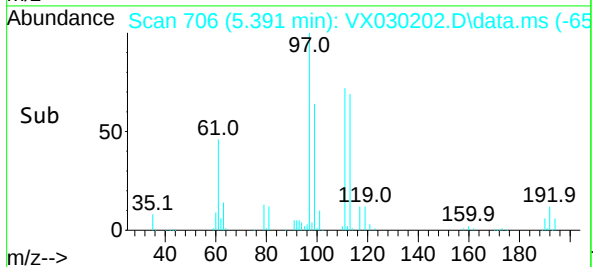
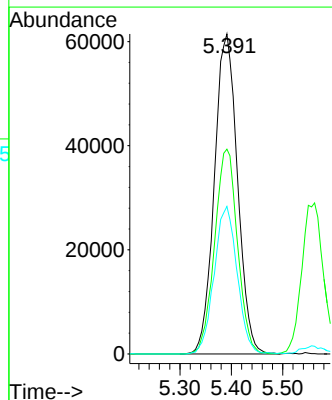
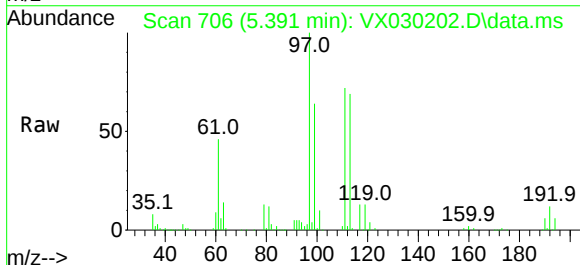
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

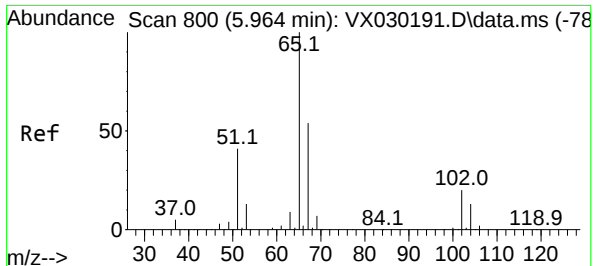
Tgt Ion: 56 Resp: 214251
Ion Ratio Lower Upper
56 100
69 29.1 25.4 38.0
84 81.2 68.9 103.3



#32
1,1,1-Trichloroethane
Concen: 50.746 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030202.D
Acq: 25 Jul 2022 19:59

Tgt Ion: 97 Resp: 192222
Ion Ratio Lower Upper
97 100
99 63.4 51.4 77.0
61 45.8 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 52.627 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX030202.D

Acq: 25 Jul 2022 19:59

Instrument :

MSVOA_X

ClientSampleId :

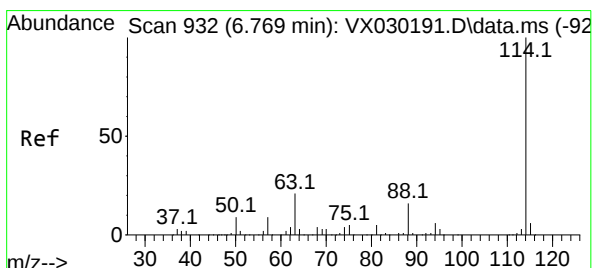
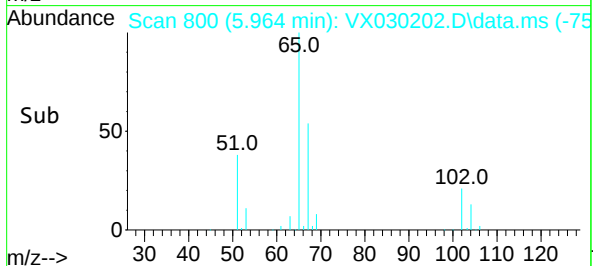
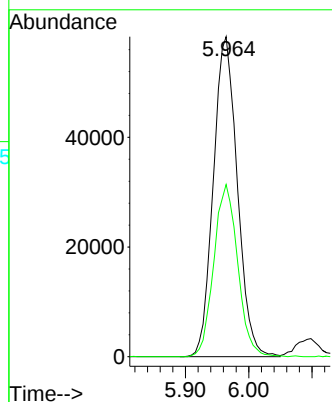
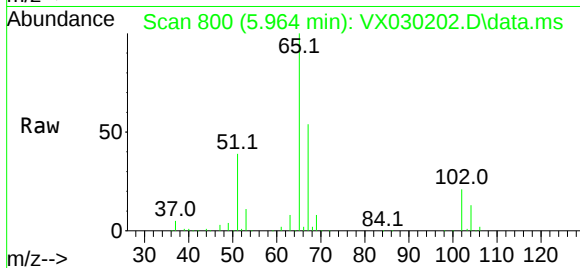
VSTDCCC050EC

Tgt Ion: 65 Resp: 153612

Ion Ratio Lower Upper

65 100

67 53.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX030202.D

Acq: 25 Jul 2022 19:59

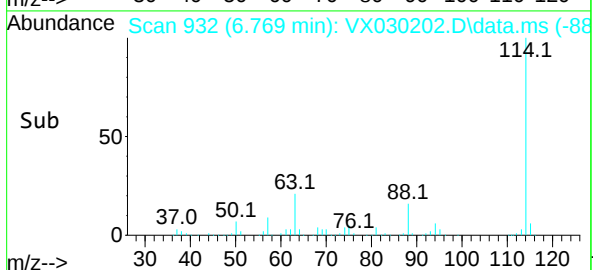
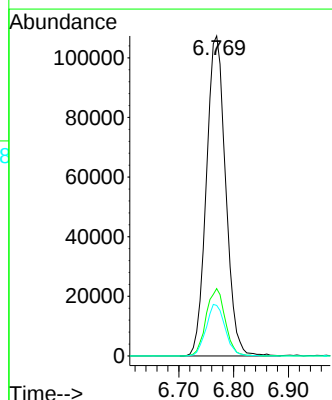
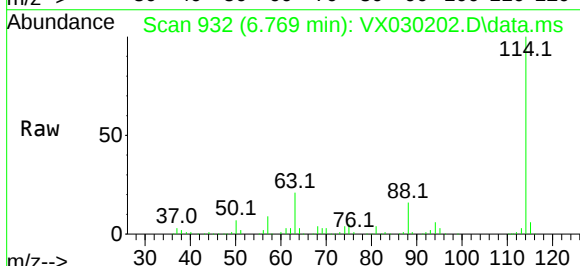
Tgt Ion: 114 Resp: 261483

Ion Ratio Lower Upper

114 100

63 21.1 0.0 38.4

88 15.8 0.0 31.8

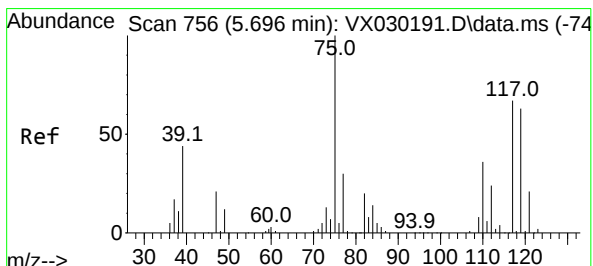
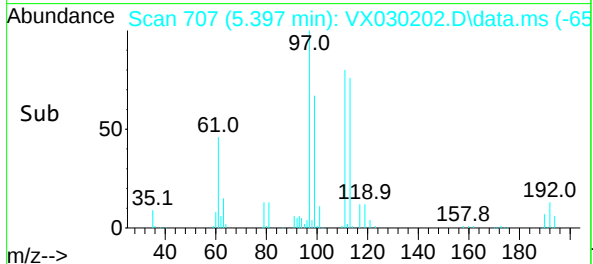
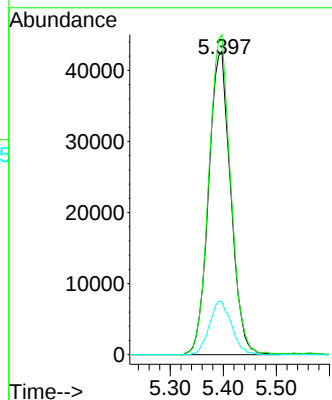
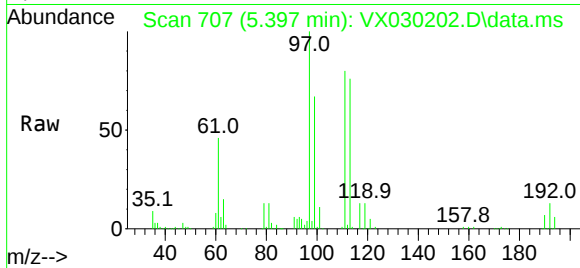




#35
Dibromofluoromethane
Concen: 49.265 ug/l
RT: 5.397 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX030202.D
Acq: 25 Jul 2022 19:59

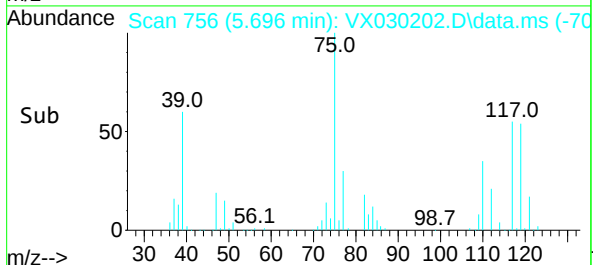
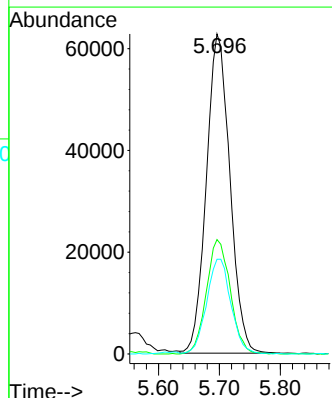
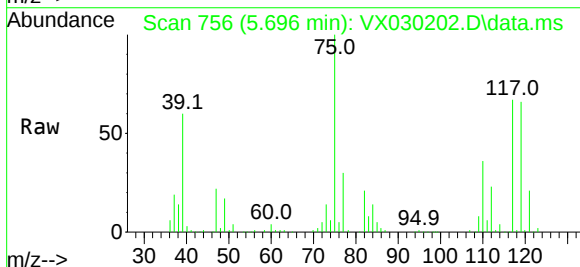
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

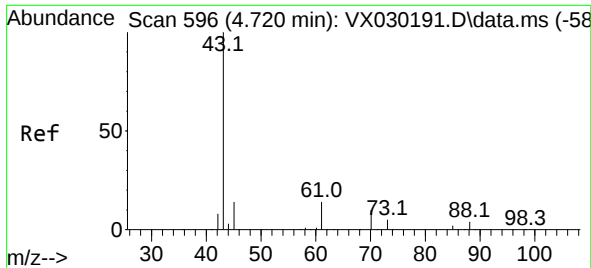
Tgt Ion:113 Resp: 123145
Ion Ratio Lower Upper
113 100
111 104.1 83.2 124.8
192 17.7 14.8 22.2



#36
1,1-Dichloropropene
Concen: 46.865 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX030202.D
Acq: 25 Jul 2022 19:59

Tgt Ion: 75 Resp: 168587
Ion Ratio Lower Upper
75 100
110 36.3 19.3 57.9
77 30.8 24.4 36.6

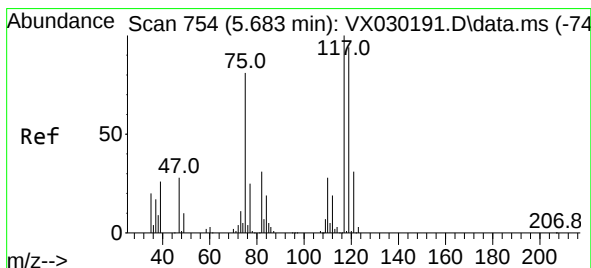
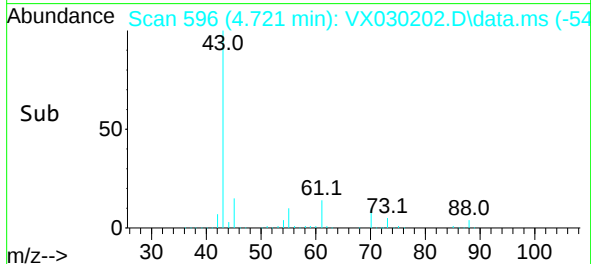
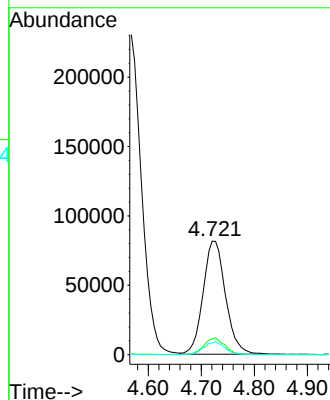
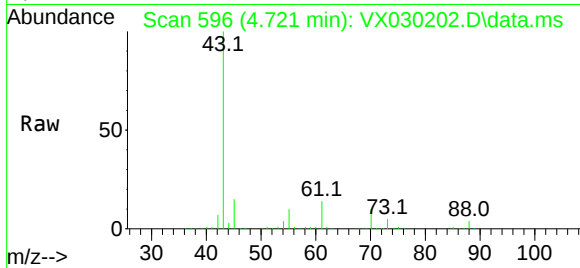




#37
Ethyl Acetate
Concen: 47.019 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.001 min
Lab File: VX030202.D
Acq: 25 Jul 2022 19:59

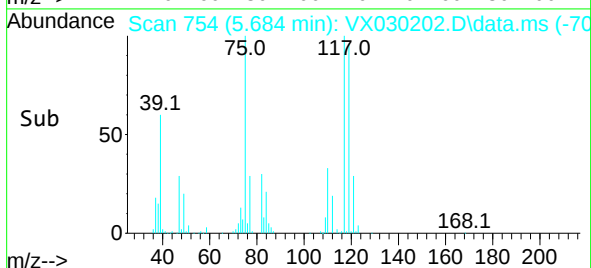
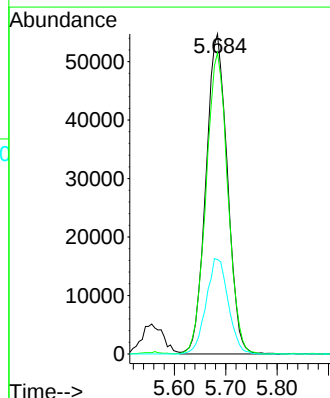
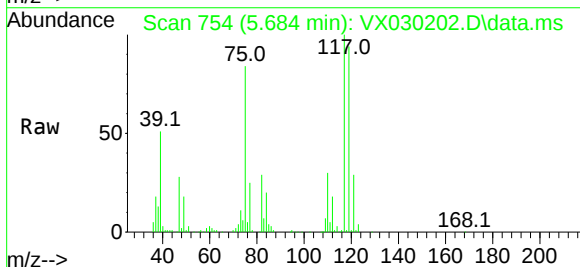
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

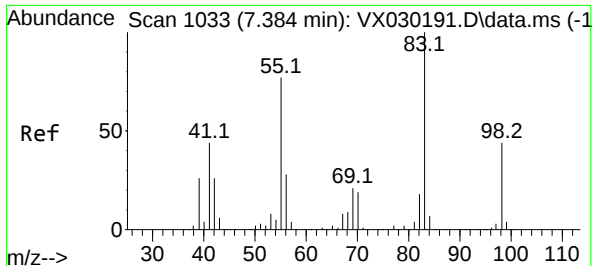
Tgt Ion: 43 Resp: 239523
Ion Ratio Lower Upper
43 100
61 14.0 11.7 17.5
70 10.6 9.3 13.9



#38
Carbon Tetrachloride
Concen: 47.309 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.001 min
Lab File: VX030202.D
Acq: 25 Jul 2022 19:59

Tgt Ion: 117 Resp: 158876
Ion Ratio Lower Upper
117 100
119 94.0 74.1 111.1
121 29.5 25.8 38.8

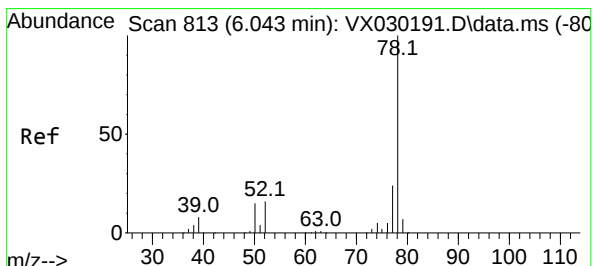
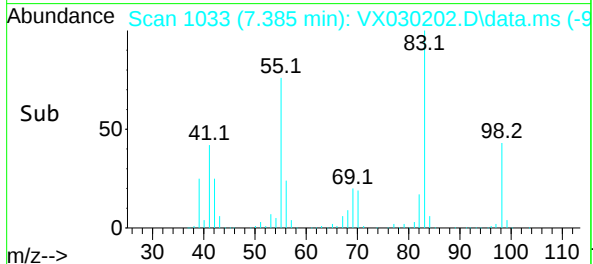
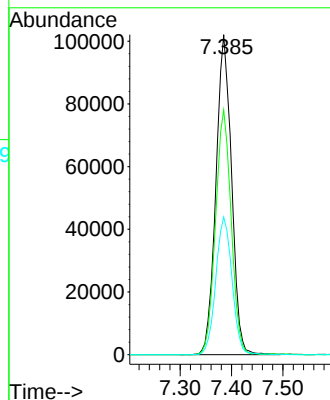
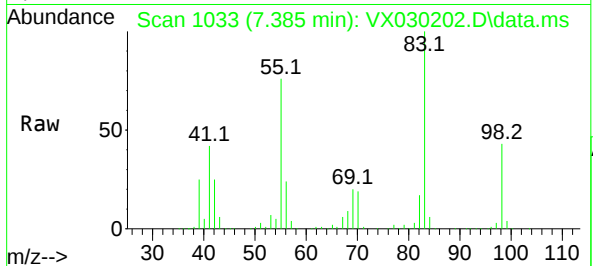




#39
Methylcyclohexane
Concen: 46.305 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.001 min
Lab File: VX030202.D
Acq: 25 Jul 2022 19:59

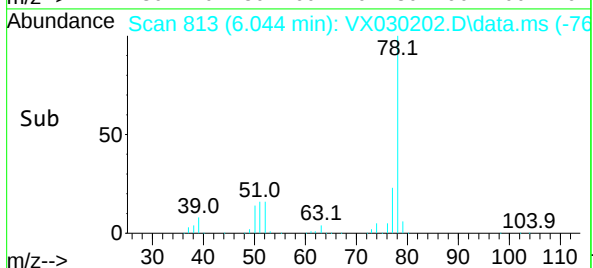
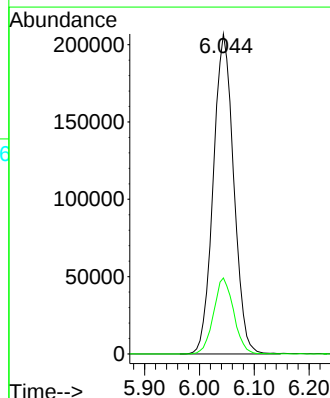
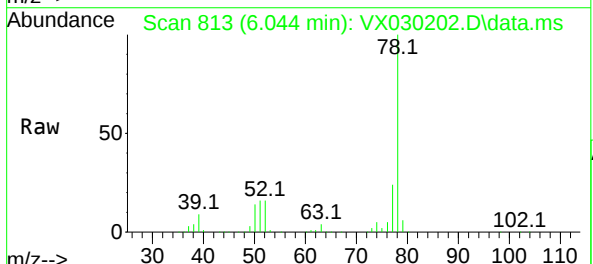
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

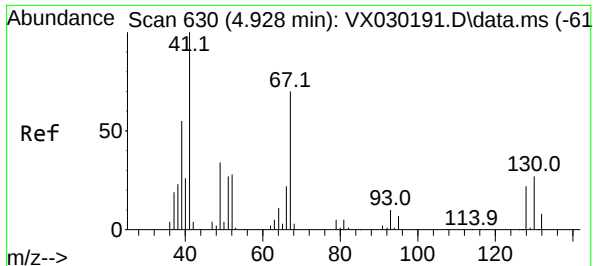
Tgt Ion: 83 Resp: 215006
Ion Ratio Lower Upper
83 100
55 76.4 57.7 86.5
98 43.0 36.5 54.7



#40
Benzene
Concen: 47.369 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.001 min
Lab File: VX030202.D
Acq: 25 Jul 2022 19:59

Tgt Ion: 78 Resp: 536131
Ion Ratio Lower Upper
78 100
77 23.8 18.0 27.0



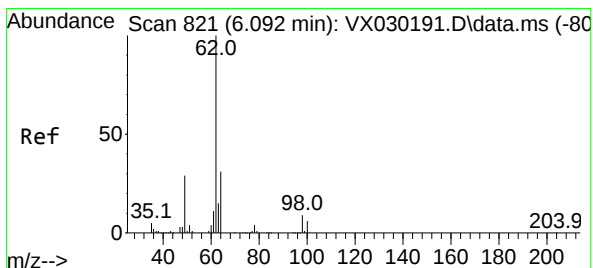
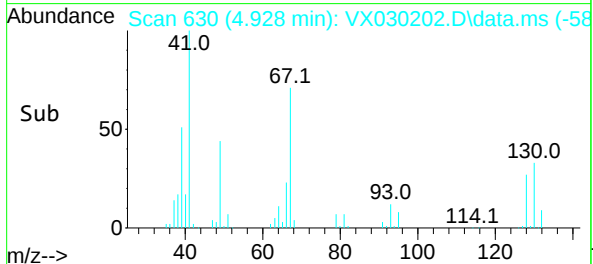
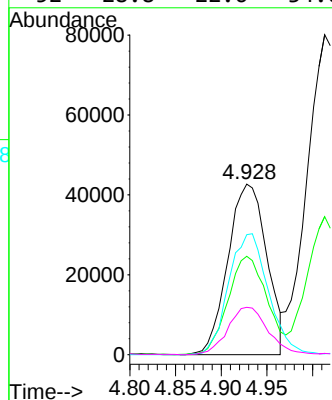
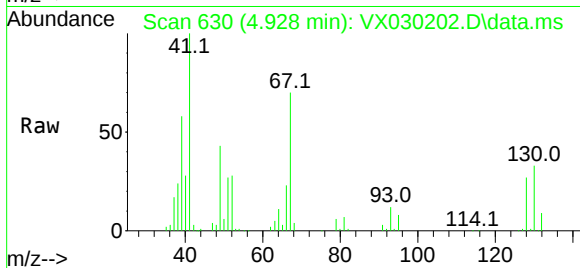


#41
Methacrylonitrile
Concen: 46.273 ug/l
RT: 4.928 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX030202.D
Acq: 25 Jul 2022 19:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 126357

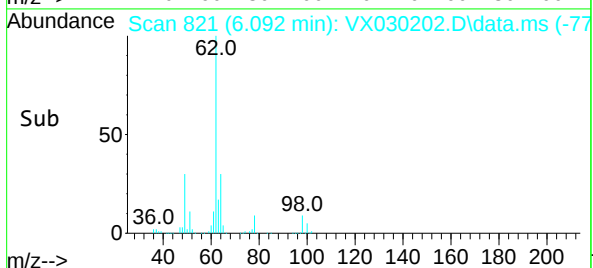
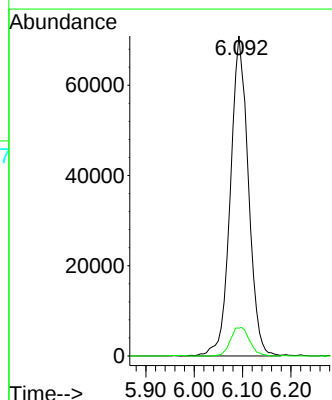
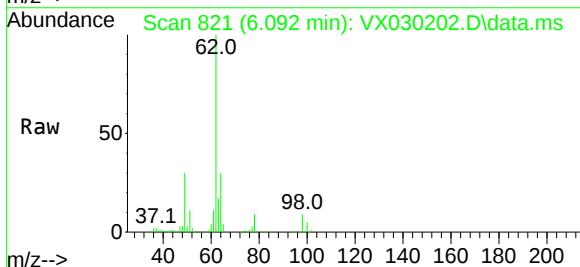
Ion	Ratio	Lower	Upper
41	100		
39	58.3	42.9	64.3
67	72.8	60.1	90.1
52	28.8	22.6	34.0

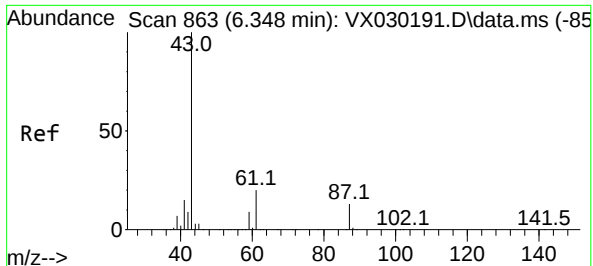


#42
1,2-Dichloroethane
Concen: 46.889 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX030202.D
Acq: 25 Jul 2022 19:59

Tgt Ion: 62 Resp: 183376

Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	20.2

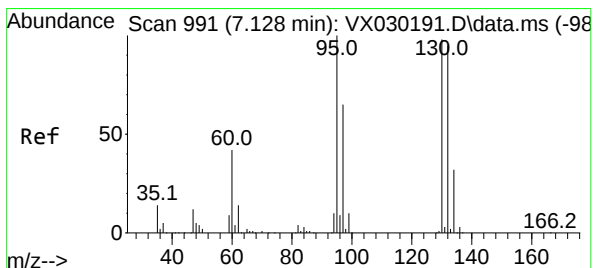
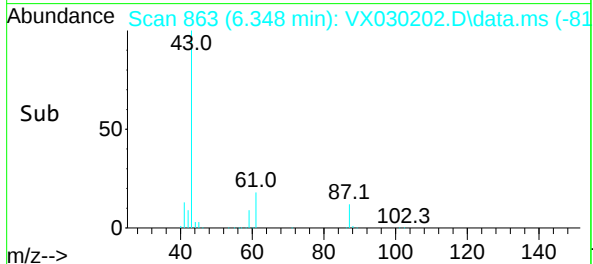
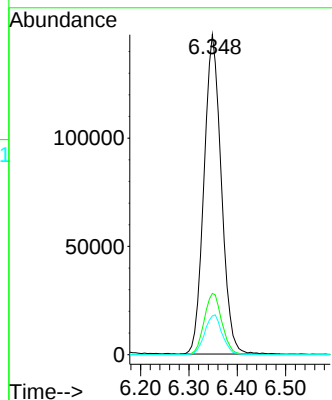
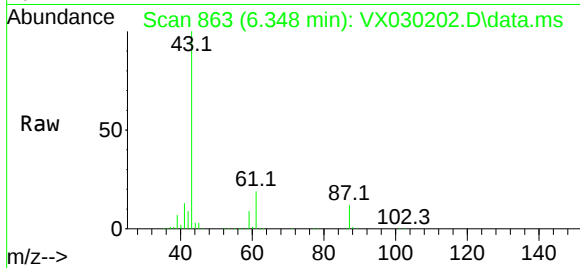




#43
Isopropyl Acetate
Concen: 49.132 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX030202.D
Acq: 25 Jul 2022 19:59

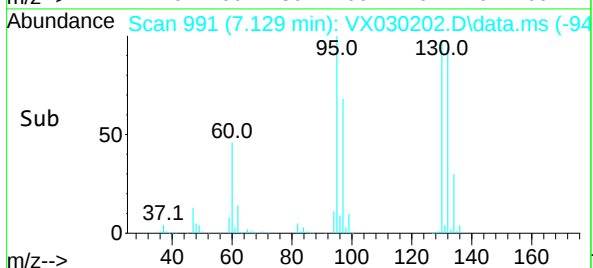
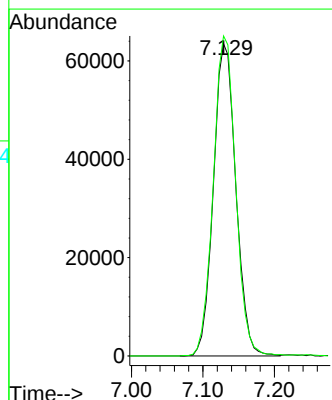
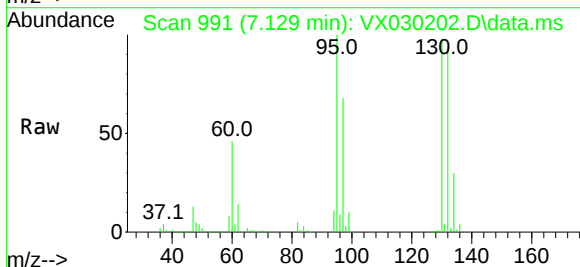
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

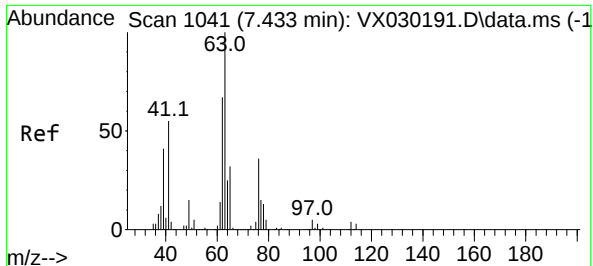
Tgt Ion: 43 Resp: 366905
Ion Ratio Lower Upper
43 100
61 19.7 16.5 24.7
87 12.6 11.1 16.7



#44
Trichloroethene
Concen: 44.775 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.001 min
Lab File: VX030202.D
Acq: 25 Jul 2022 19:59

Tgt Ion:130 Resp: 138470
Ion Ratio Lower Upper
130 100
95 102.5 0.0 194.8





#45

1,2-Dichloropropane

Concen: 47.256 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.001 min

Lab File: VX030202.D

Acq: 25 Jul 2022 19:59

Instrument :

MSVOA_X

ClientSampleId :

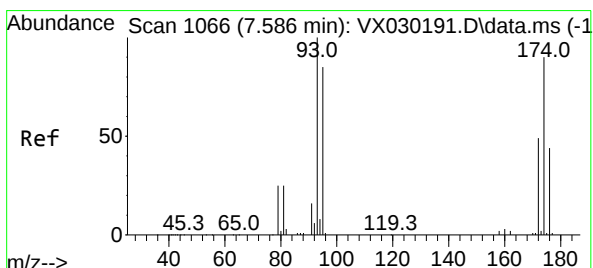
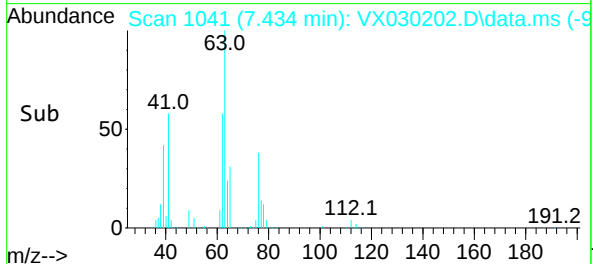
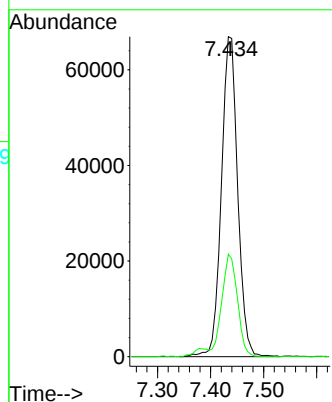
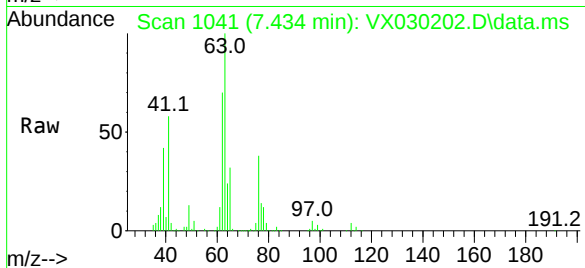
VSTDCCC050EC

Tgt Ion: 63 Resp: 142652

Ion Ratio Lower Upper

63 100

65 32.1 25.2 37.8



#46

Dibromomethane

Concen: 45.979 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VX030202.D

Acq: 25 Jul 2022 19:59

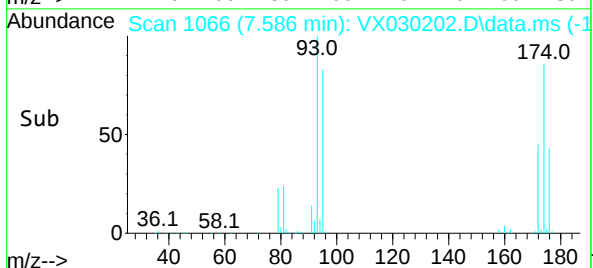
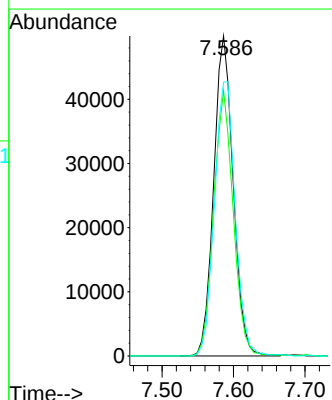
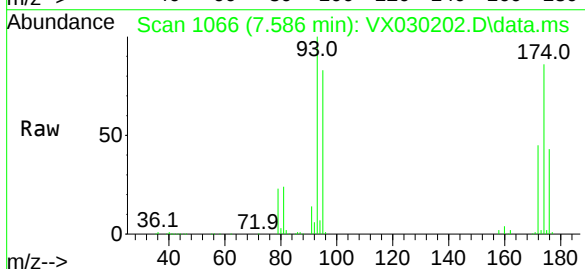
Tgt Ion: 93 Resp: 94389

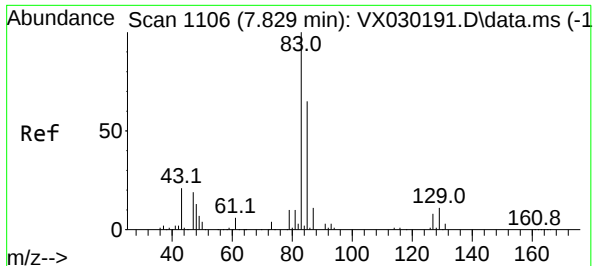
Ion Ratio Lower Upper

93 100

95 83.4 67.4 101.0

174 91.2 75.6 113.4

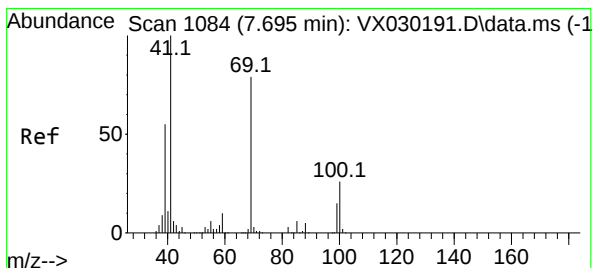
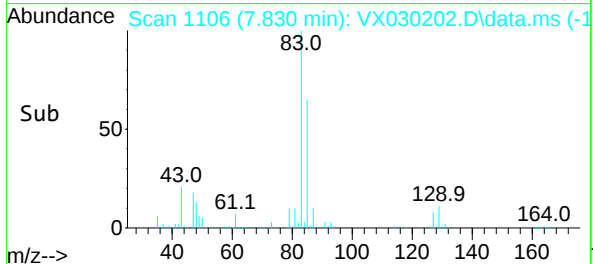
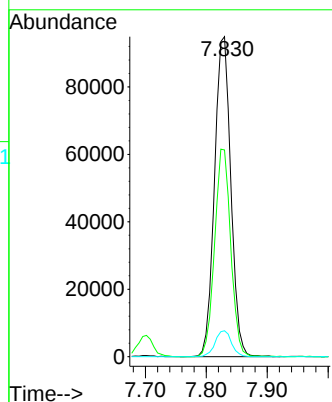
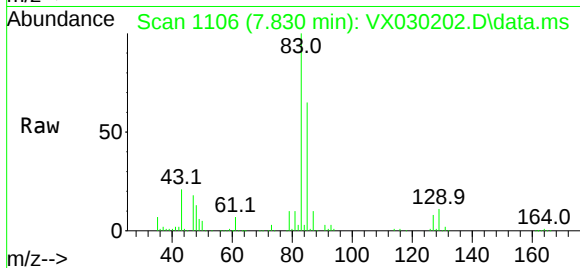




#47
Bromodichloromethane
Concen: 47.375 ug/l
RT: 7.830 min Scan# 1106
Delta R.T. 0.001 min
Lab File: VX030202.D
Acq: 25 Jul 2022 19:59

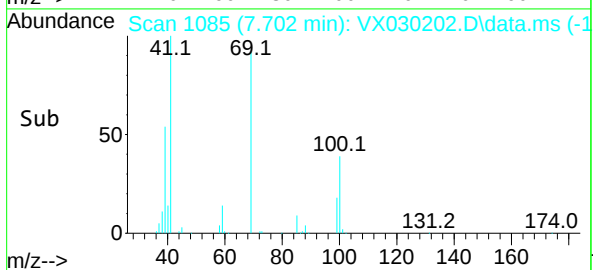
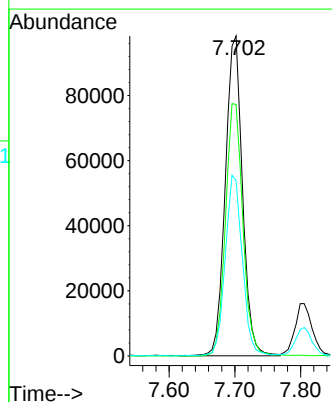
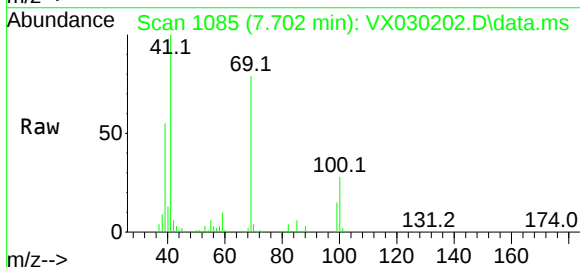
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

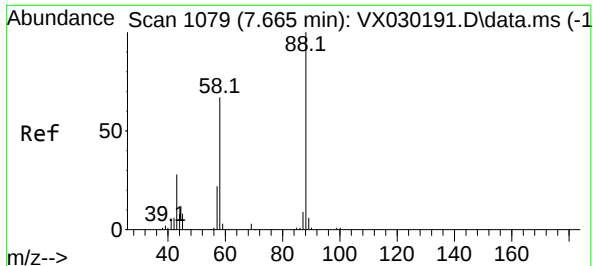
Tgt Ion: 83 Resp: 176800
Ion Ratio Lower Upper
83 100
85 64.6 53.5 80.3
127 8.1 6.6 10.0



#48
Methyl methacrylate
Concen: 48.581 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.007 min
Lab File: VX030202.D
Acq: 25 Jul 2022 19:59

Tgt Ion: 41 Resp: 178569
Ion Ratio Lower Upper
41 100
69 80.1 68.8 103.2
39 56.1 44.6 66.8





#49

1,4-Dioxane

Concen: 934.173 ug/l

RT: 7.665 min Scan# 1079

Delta R.T. 0.000 min

Lab File: VX030202.D

Acq: 25 Jul 2022 19:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

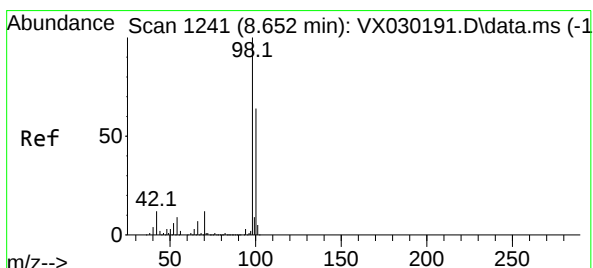
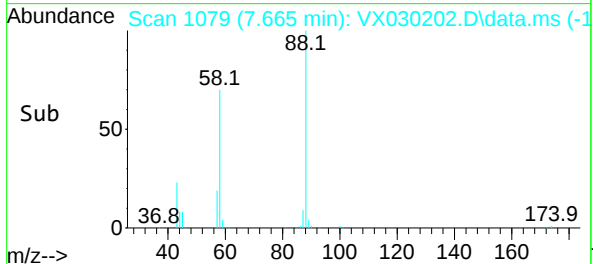
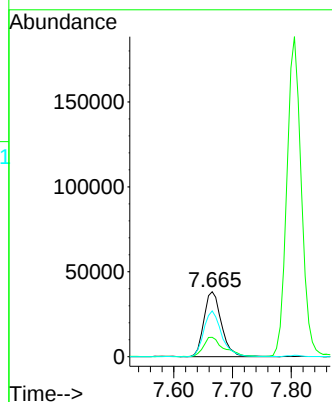
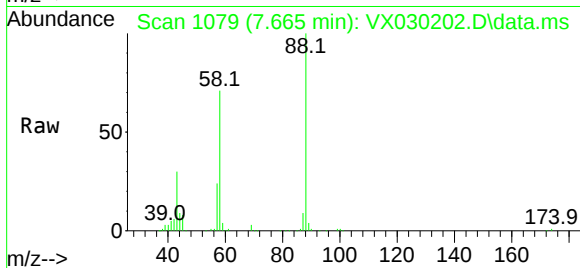
Tgt Ion: 88 Resp: 79307

Ion Ratio Lower Upper

88 100

43 35.1 23.8 35.8

58 71.5 53.8 80.6



#50

Toluene-d8

Concen: 50.718 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.001 min

Lab File: VX030202.D

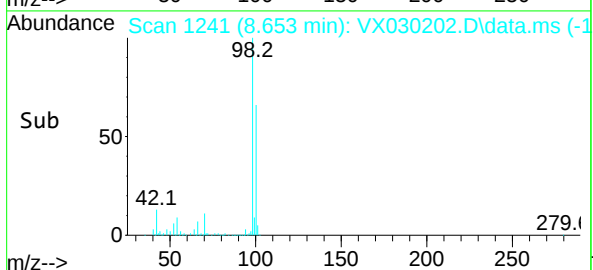
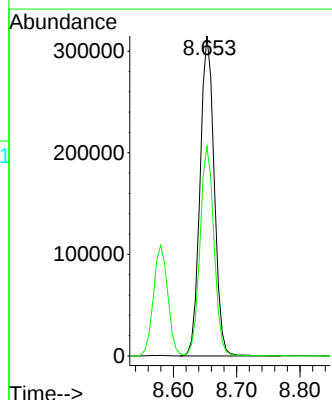
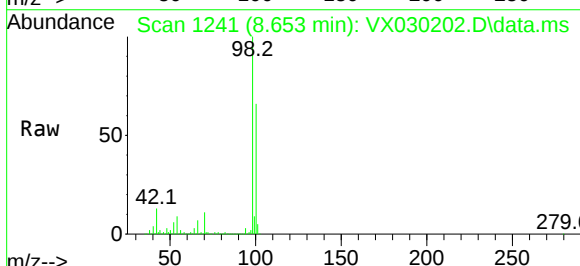
Acq: 25 Jul 2022 19:59

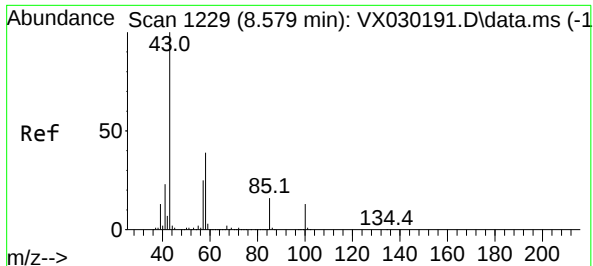
Tgt Ion: 98 Resp: 490965

Ion Ratio Lower Upper

98 100

100 64.9 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 246.322 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.001 min

Lab File: VX030202.D

Acq: 25 Jul 2022 19:59

Instrument :

MSVOA_X

ClientSampleId :

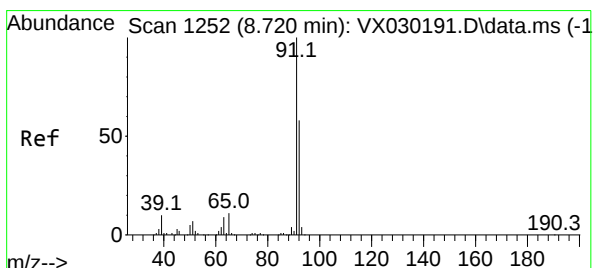
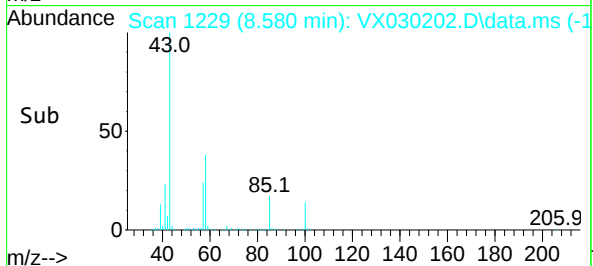
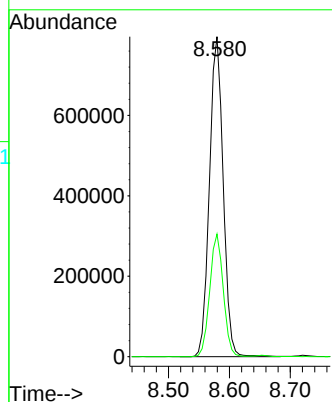
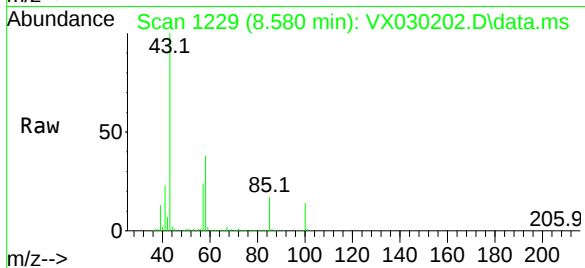
VSTDCCC050EC

Tgt Ion: 43 Resp: 1248795

Ion Ratio Lower Upper

43 100

58 37.7 31.4 47.2



#52

Toluene

Concen: 47.597 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX030202.D

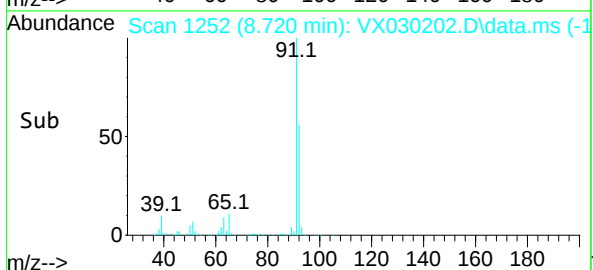
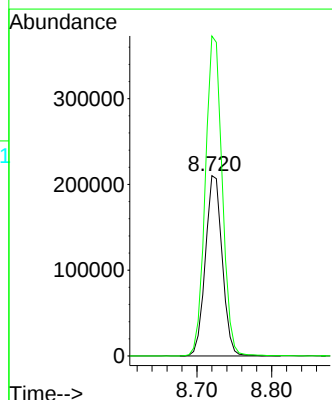
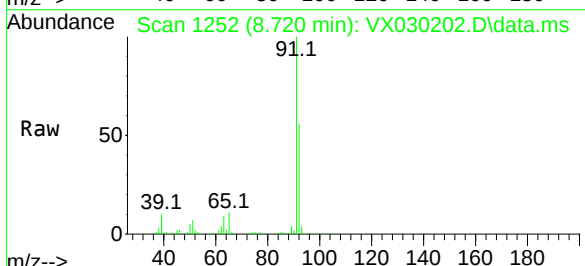
Acq: 25 Jul 2022 19:59

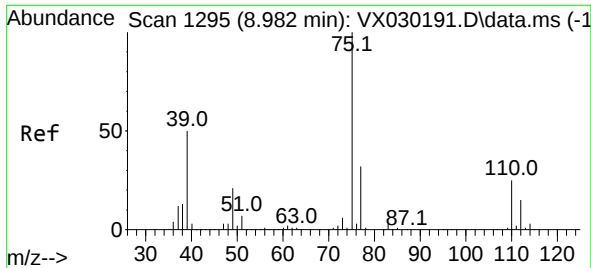
Tgt Ion: 92 Resp: 328666

Ion Ratio Lower Upper

92 100

91 177.9 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 48.661 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX030202.D

Acq: 25 Jul 2022 19:59

Instrument :

MSVOA_X

ClientSampleId :

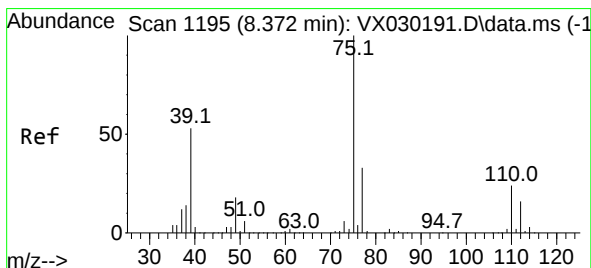
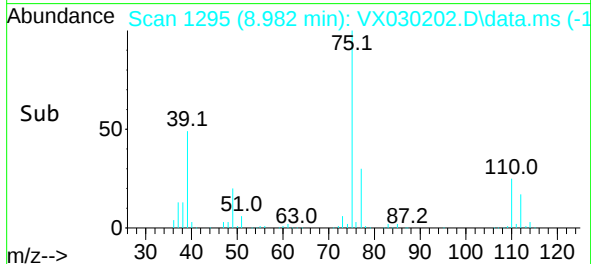
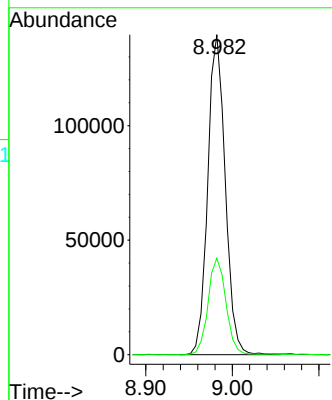
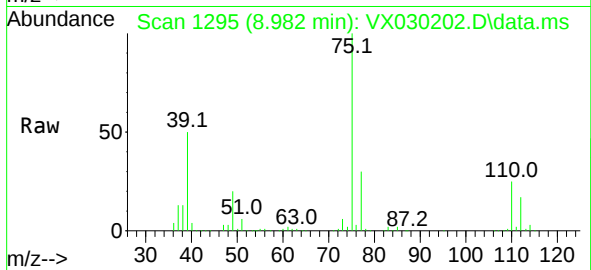
VSTDCCC050EC

Tgt Ion: 75 Resp: 195751

Ion Ratio Lower Upper

75 100

77 30.2 26.3 39.5



#54

cis-1,3-Dichloropropene

Concen: 47.858 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX030202.D

Acq: 25 Jul 2022 19:59

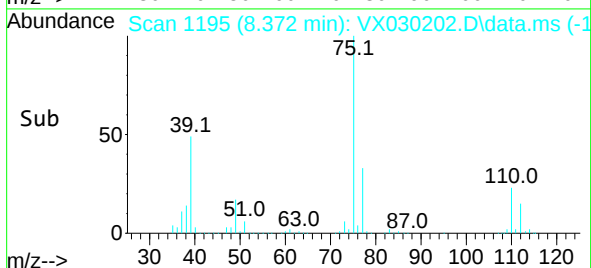
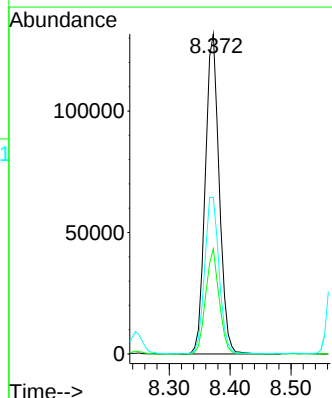
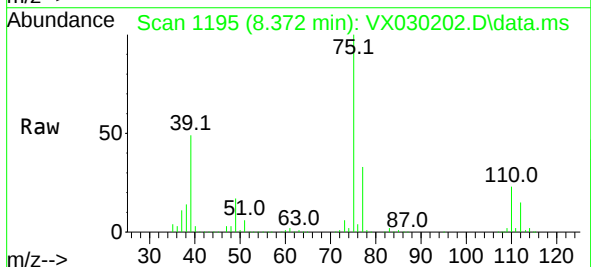
Tgt Ion: 75 Resp: 209802

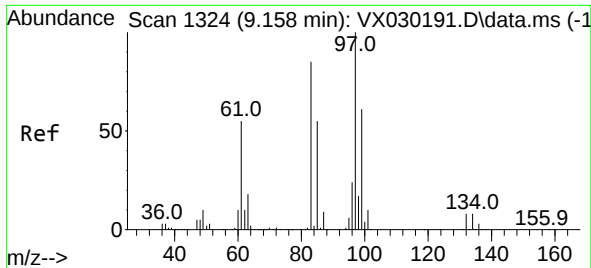
Ion Ratio Lower Upper

75 100

77 32.8 25.0 37.4

39 48.9 37.5 56.3



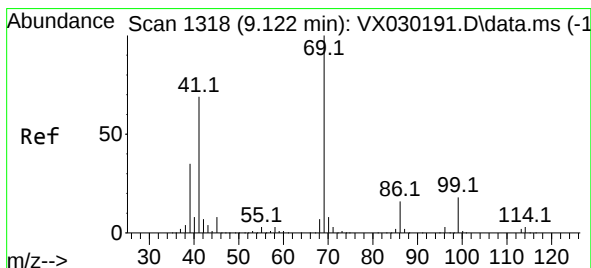
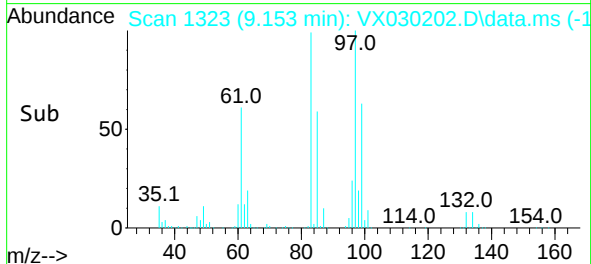
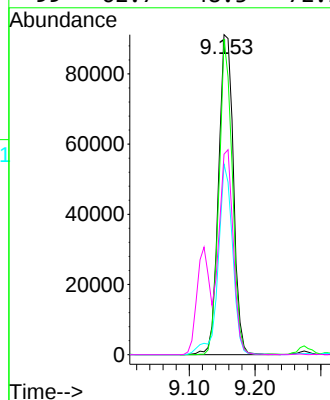
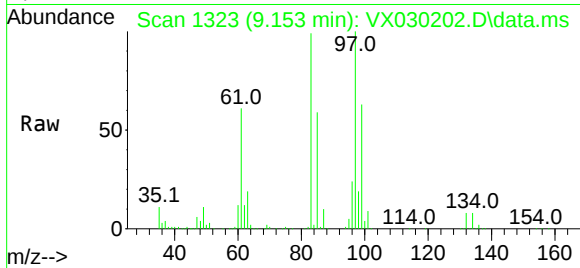


#55
 1,1,2-Trichloroethane
 Concen: 48.721 ug/l
 RT: 9.153 min Scan# 11
 Delta R.T. -0.005 min
 Lab File: VX030202.D
 Acq: 25 Jul 2022 19:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 97 Resp: 143244

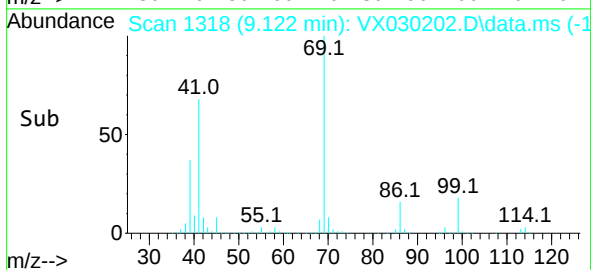
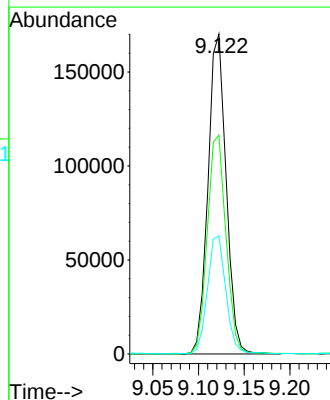
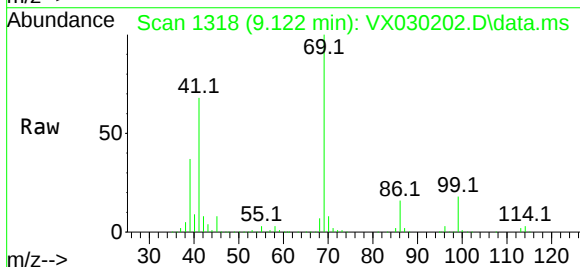
Ion	Ratio	Lower	Upper
97	100		
83	98.6	68.9	103.3
85	59.5	44.0	66.0
99	62.7	48.3	72.5

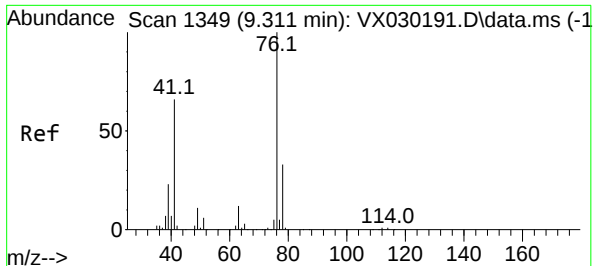


#56
 Ethyl methacrylate
 Concen: 50.457 ug/l
 RT: 9.122 min Scan# 1318
 Delta R.T. 0.000 min
 Lab File: VX030202.D
 Acq: 25 Jul 2022 19:59

Tgt Ion: 69 Resp: 234513

Ion	Ratio	Lower	Upper
69	100		
41	70.8	52.3	78.5
39	37.4	28.2	42.4





#57

1,3-Dichloropropane

Concen: 47.632 ug/l

RT: 9.311 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX030202.D

Acq: 25 Jul 2022 19:59

Instrument :

MSVOA_X

ClientSampleId :

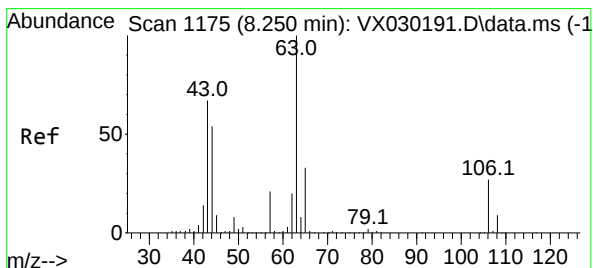
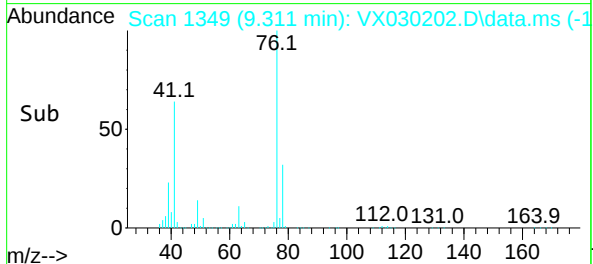
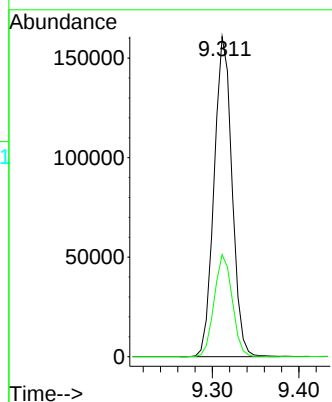
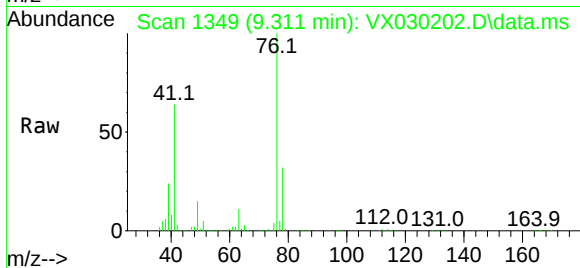
VSTDCCC050EC

Tgt Ion: 76 Resp: 231162

Ion Ratio Lower Upper

76 100

78 32.1 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 268.977 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.006 min

Lab File: VX030202.D

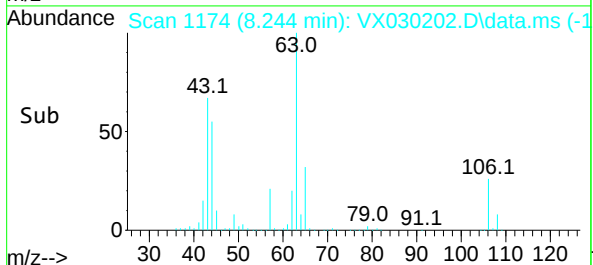
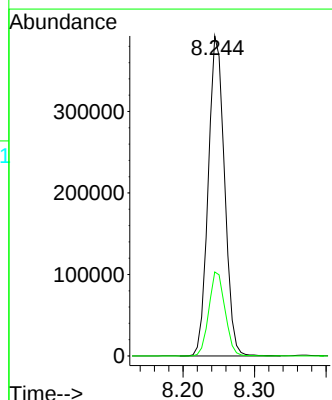
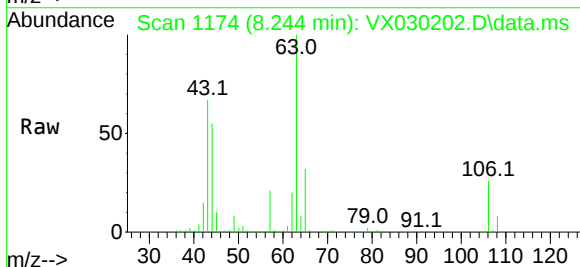
Acq: 25 Jul 2022 19:59

Tgt Ion: 63 Resp: 620439

Ion Ratio Lower Upper

63 100

106 26.1 22.2 33.2





#59

2-Hexanone

Concen: 249.351 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX030202.D

Acq: 25 Jul 2022 19:59

Instrument :

MSVOA_X

ClientSampleId :

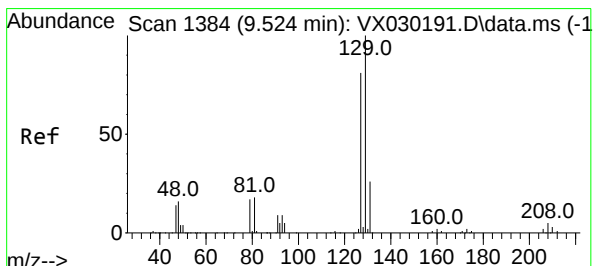
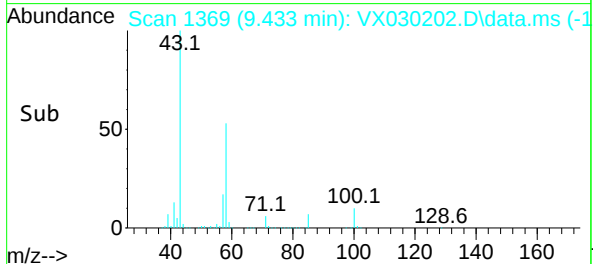
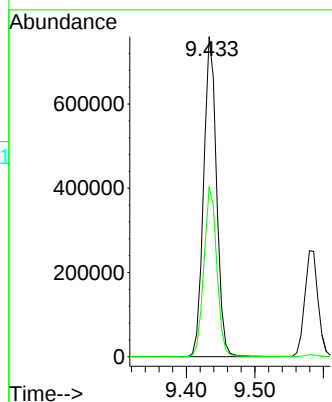
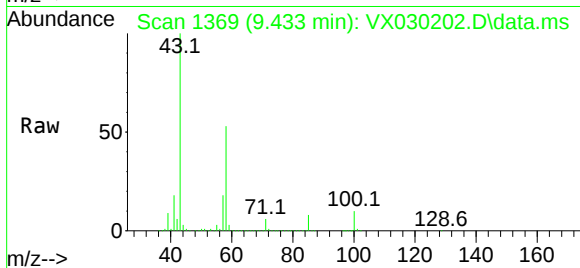
VSTDCCC050EC

Tgt Ion: 43 Resp: 997344

Ion Ratio Lower Upper

43 100

58 52.9 27.6 82.8



#60

Dibromochloromethane

Concen: 49.693 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.001 min

Lab File: VX030202.D

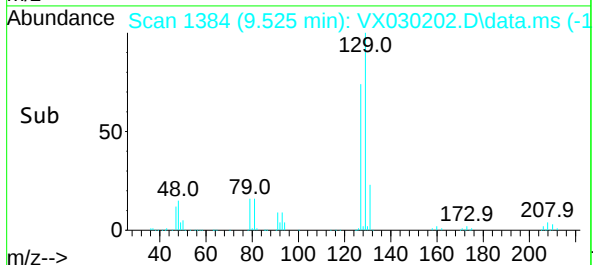
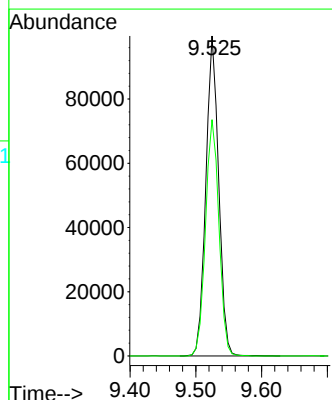
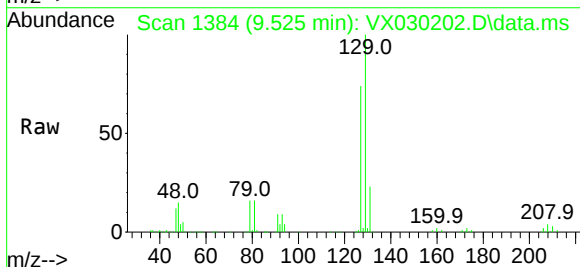
Acq: 25 Jul 2022 19:59

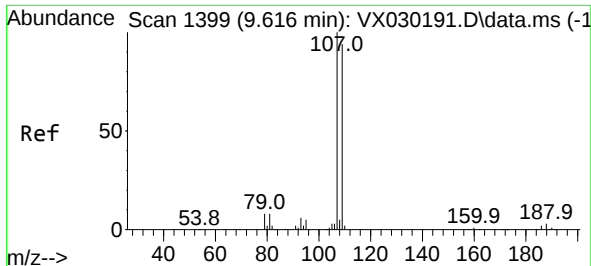
Tgt Ion: 129 Resp: 135245

Ion Ratio Lower Upper

129 100

127 77.3 38.5 115.5

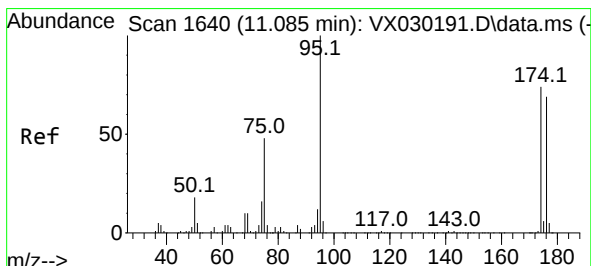
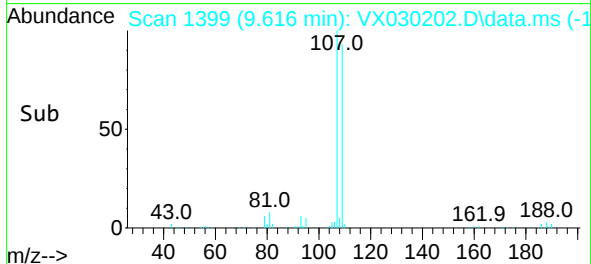
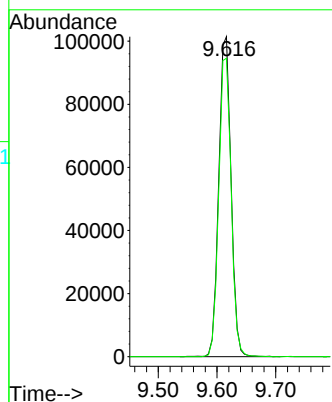
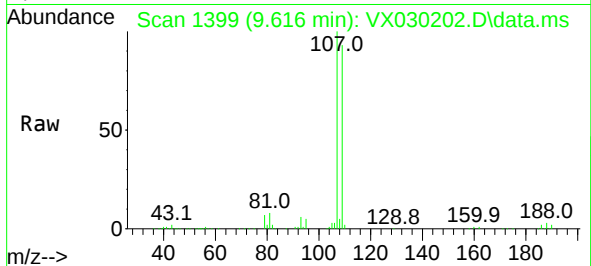




#61
1,2-Dibromoethane
Concen: 47.944 ug/l
RT: 9.616 min Scan# 1399
Delta R.T. 0.000 min
Lab File: VX030202.D
Acq: 25 Jul 2022 19:59

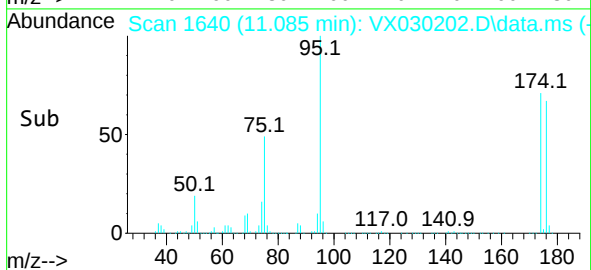
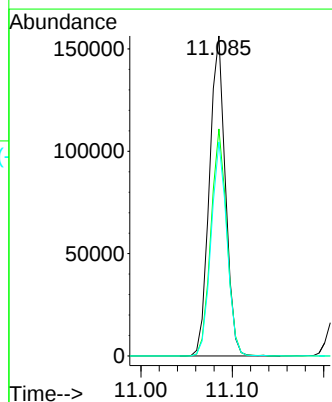
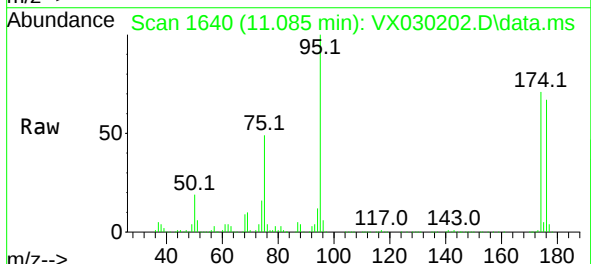
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

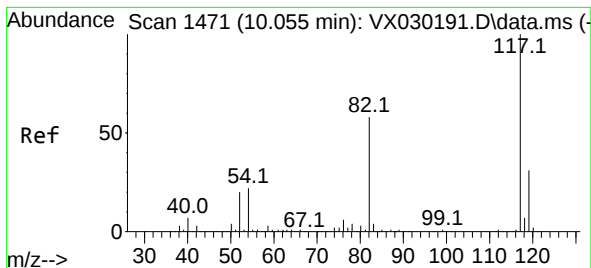
Tgt Ion:107 Resp: 147184
Ion Ratio Lower Upper
107 100
109 94.3 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 52.637 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030202.D
Acq: 25 Jul 2022 19:59

Tgt Ion: 95 Resp: 189102
Ion Ratio Lower Upper
95 100
174 70.6 0.0 149.0
176 66.5 0.0 146.0

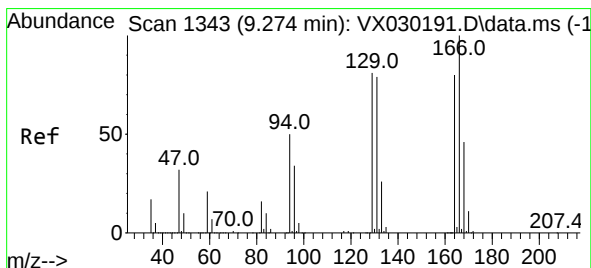
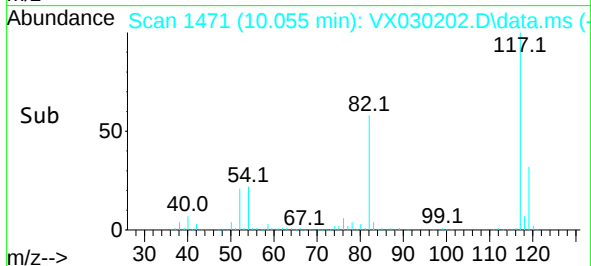
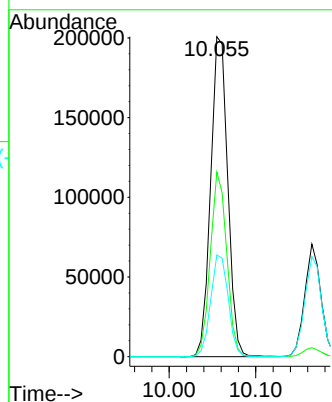
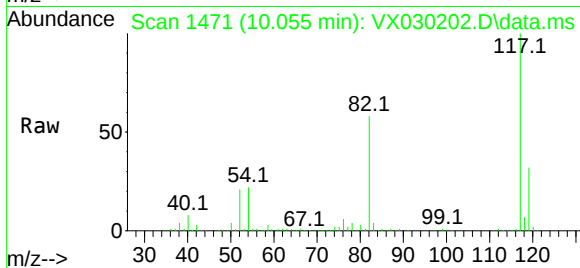




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030202.D
Acq: 25 Jul 2022 19:59

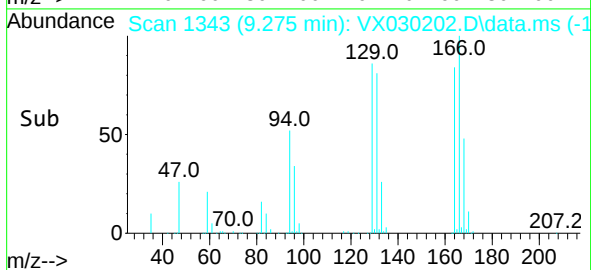
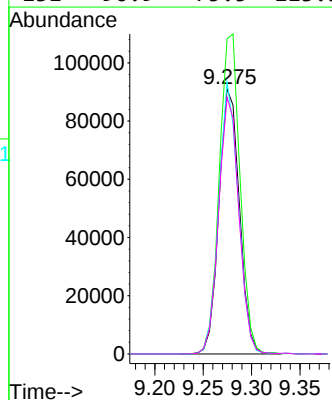
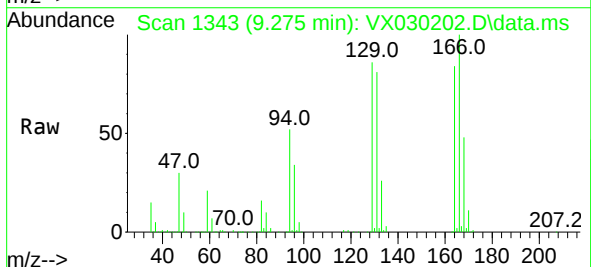
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

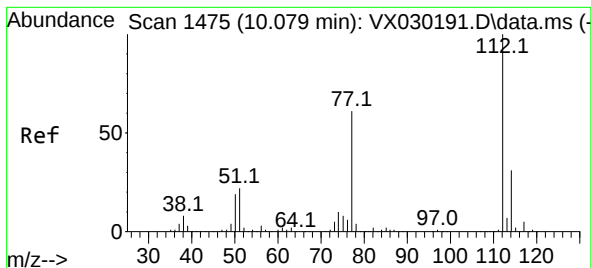
Tgt Ion:117 Resp: 275158
Ion Ratio Lower Upper
117 100
82 57.7 42.7 64.1
119 31.8 25.4 38.2



#64
Tetrachloroethene
Concen: 45.157 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX030202.D
Acq: 25 Jul 2022 19:59

Tgt Ion:164 Resp: 133767
Ion Ratio Lower Upper
164 100
166 118.9 98.2 147.4
129 102.7 80.8 121.2
131 96.9 75.5 113.3

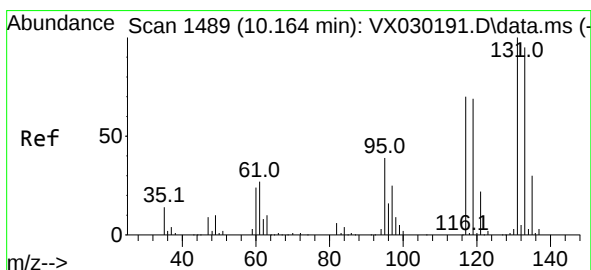
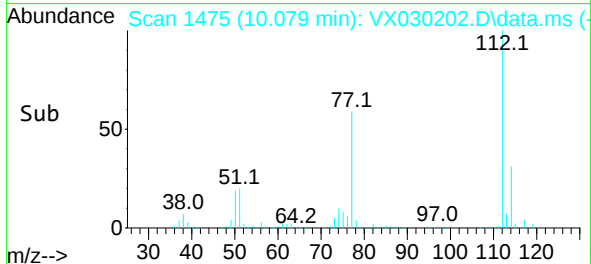
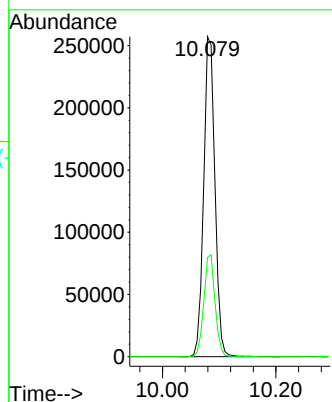
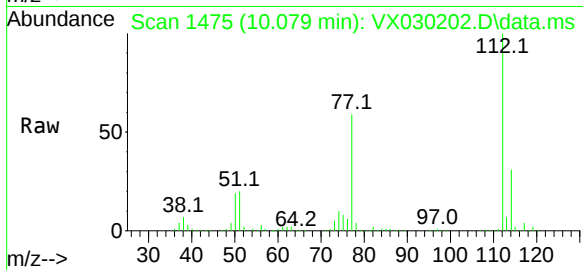




#65
Chlorobenzene
Concen: 47.414 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX030202.D
Acq: 25 Jul 2022 19:59

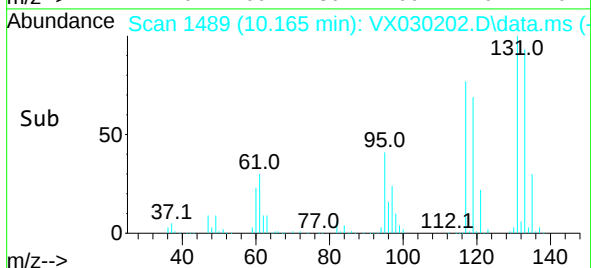
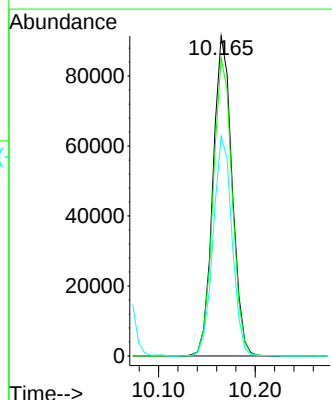
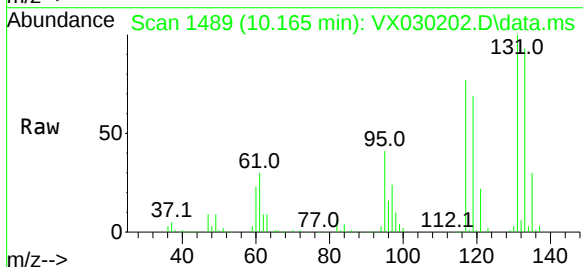
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

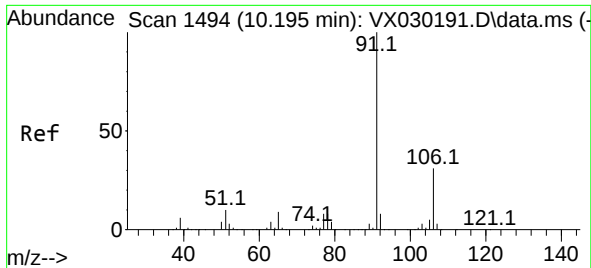
Tgt Ion:112 Resp: 354396
Ion Ratio Lower Upper
112 100
114 31.1 24.6 36.8



#66
1,1,1,2-Tetrachloroethane
Concen: 49.250 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.001 min
Lab File: VX030202.D
Acq: 25 Jul 2022 19:59

Tgt Ion:131 Resp: 125138
Ion Ratio Lower Upper
131 100
133 92.9 46.9 140.8
119 68.0 34.4 103.1





#67

Ethyl Benzene

Concen: 46.766 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX030202.D

Acq: 25 Jul 2022 19:59

Instrument :

MSVOA_X

ClientSampleId :

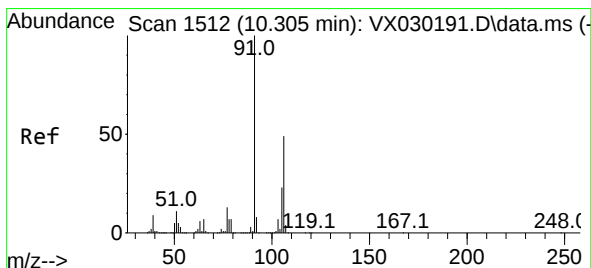
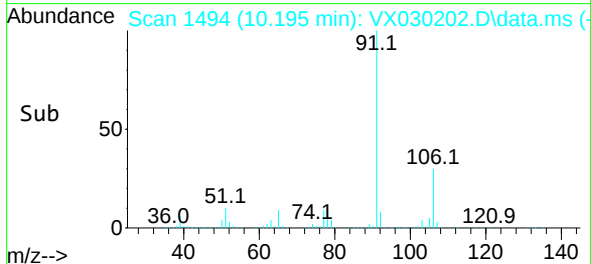
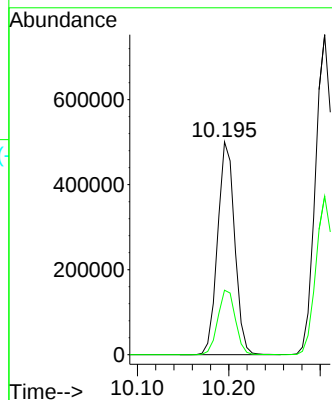
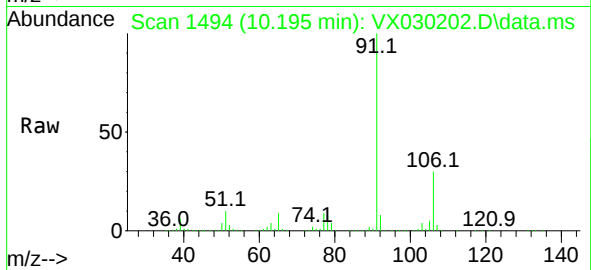
VSTDCCC050EC

Tgt Ion: 91 Resp: 648865

Ion Ratio Lower Upper

91 100

106 30.3 25.5 38.3



#68

m/p-Xylenes

Concen: 97.579 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX030202.D

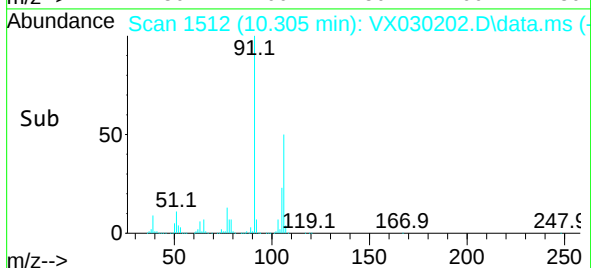
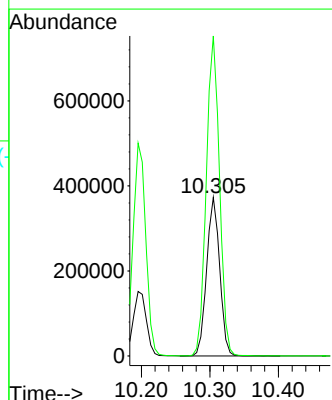
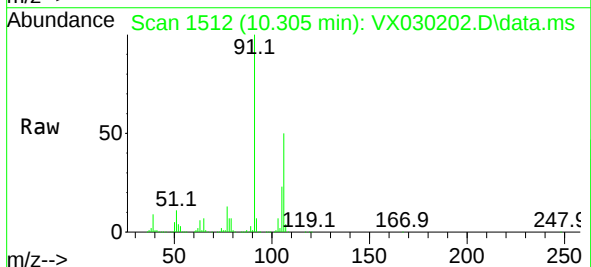
Acq: 25 Jul 2022 19:59

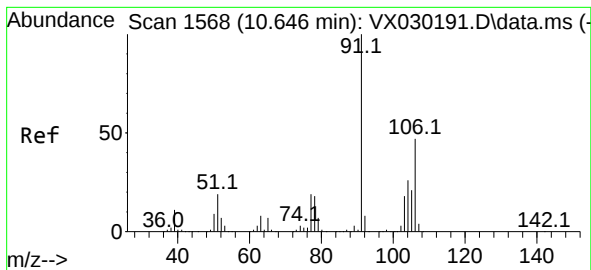
Tgt Ion:106 Resp: 494080

Ion Ratio Lower Upper

106 100

91 204.5 158.2 237.4

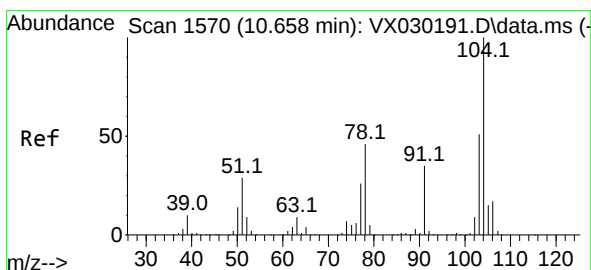
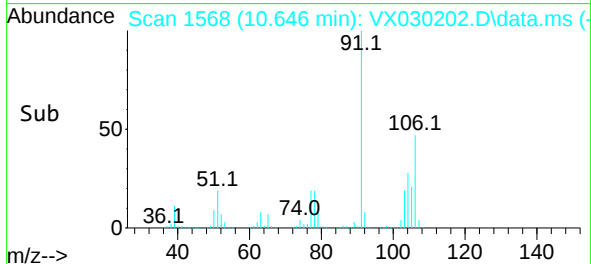
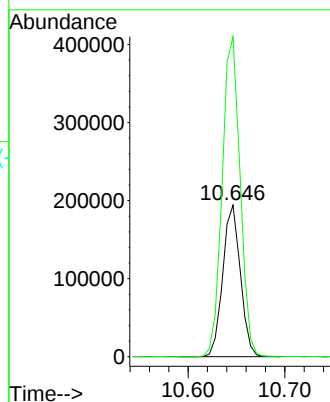
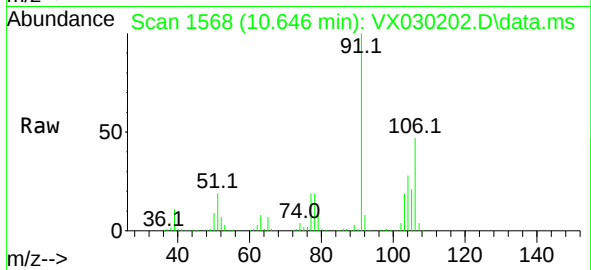




#69
o-Xylene
Concen: 49.099 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX030202.D
Acq: 25 Jul 2022 19:59

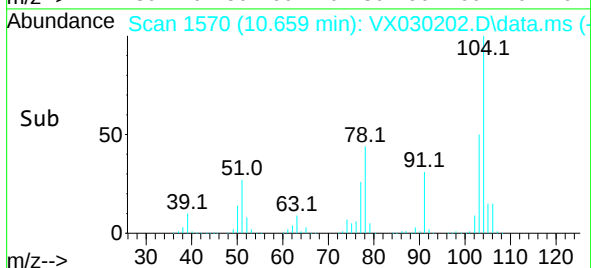
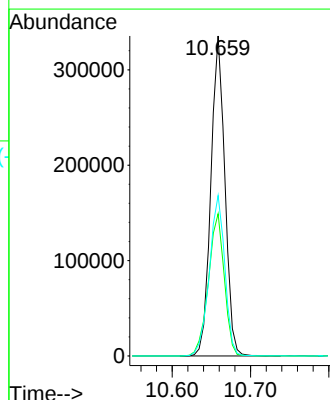
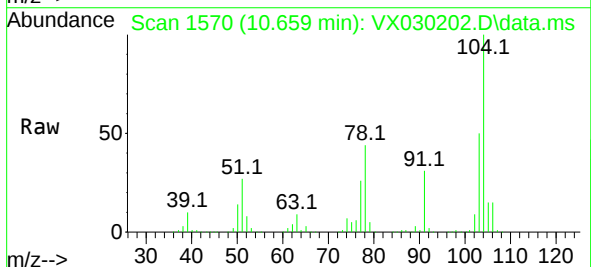
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

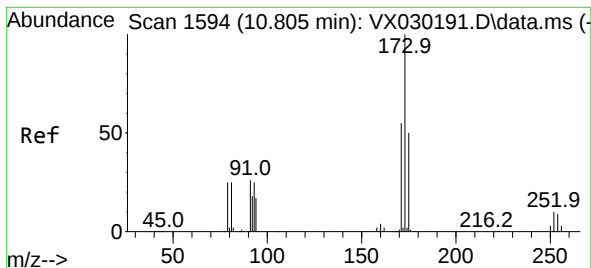
Tgt Ion:106 Resp: 245025
Ion Ratio Lower Upper
106 100
91 215.5 103.8 311.6



#70
Styrene
Concen: 50.790 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.001 min
Lab File: VX030202.D
Acq: 25 Jul 2022 19:59

Tgt Ion:104 Resp: 416431
Ion Ratio Lower Upper
104 100
78 50.3 37.8 56.8
103 55.5 44.5 66.7





#71

Bromoform

Concen: 51.656 ug/l

RT: 10.805 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX030202.D

Acq: 25 Jul 2022 19:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

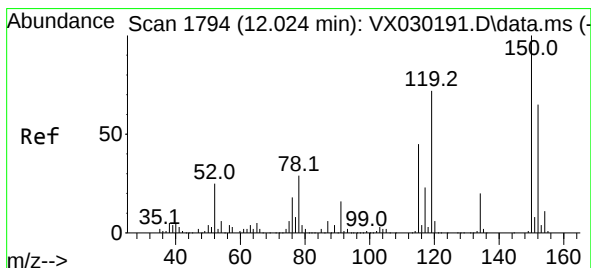
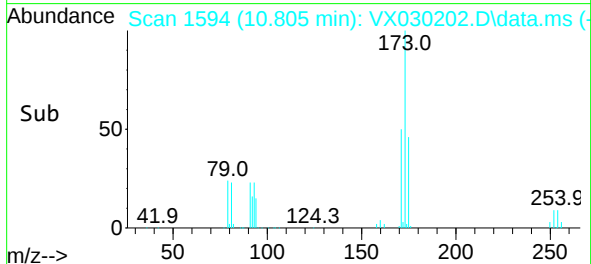
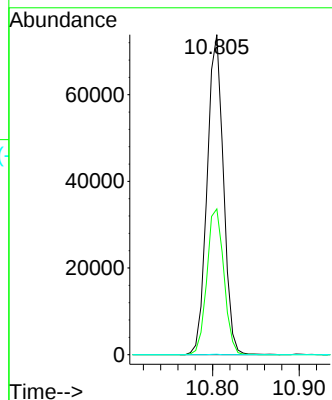
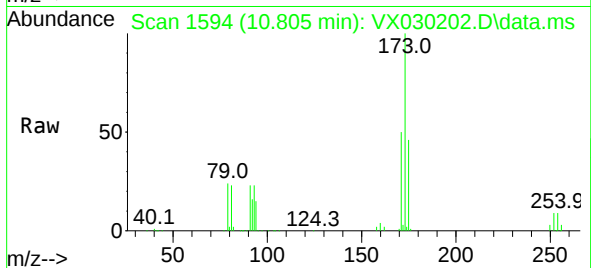
Tgt Ion:173 Resp: 96493

Ion Ratio Lower Upper

173 100

175 47.5 23.8 71.2

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX030202.D

Acq: 25 Jul 2022 19:59

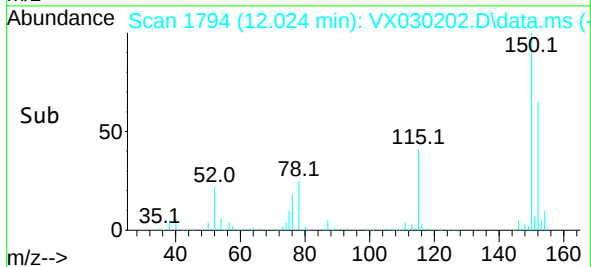
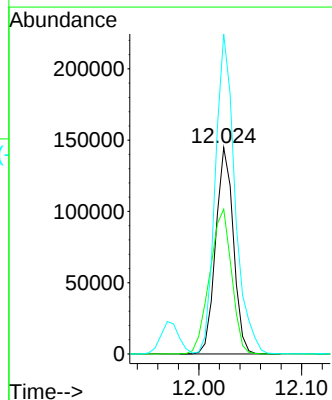
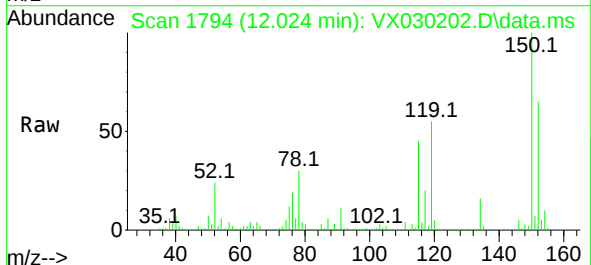
Tgt Ion:152 Resp: 172513

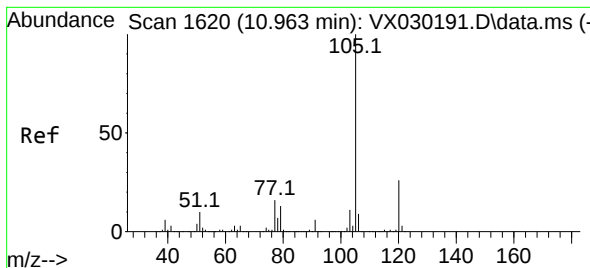
Ion Ratio Lower Upper

152 100

115 86.6 40.5 121.5

150 172.0 0.0 347.0





#73

Isopropylbenzene

Concen: 47.390 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX030202.D

Acq: 25 Jul 2022 19:59

Instrument :

MSVOA_X

ClientSampleId :

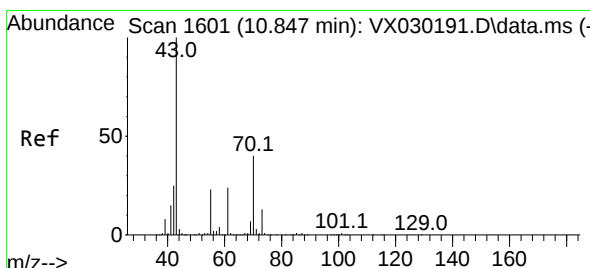
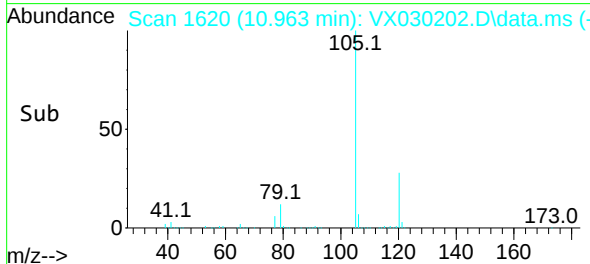
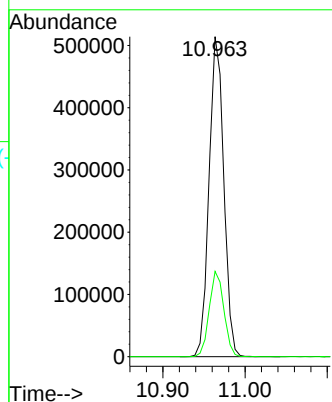
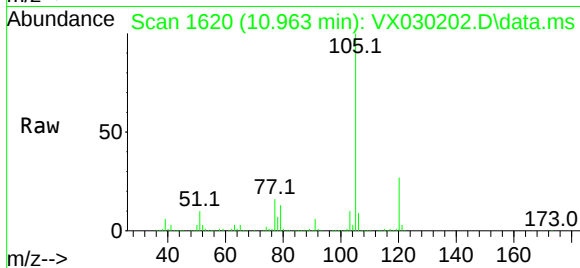
VSTDCCC050EC

Tgt Ion:105 Resp: 638223

Ion Ratio Lower Upper

105 100

120 26.6 13.5 40.4



#74

N-ethyl acetate

Concen: 50.935 ug/l

RT: 10.848 min Scan# 1601

Delta R.T. 0.001 min

Lab File: VX030202.D

Acq: 25 Jul 2022 19:59

Tgt Ion: 43 Resp: 333391

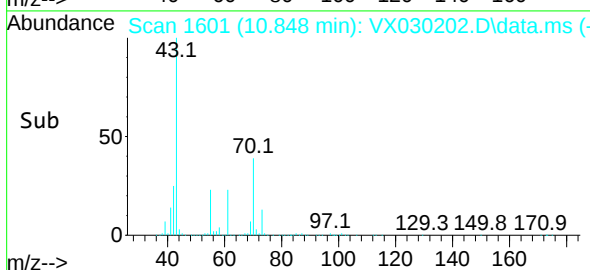
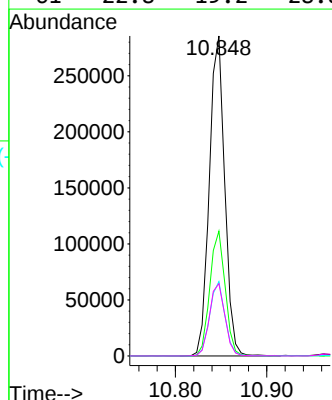
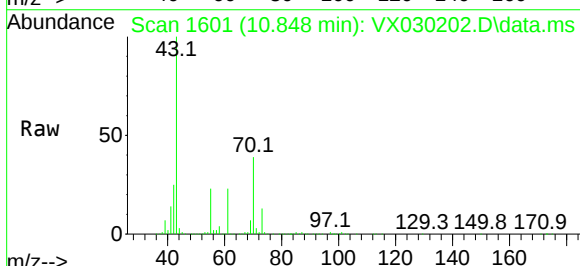
Ion Ratio Lower Upper

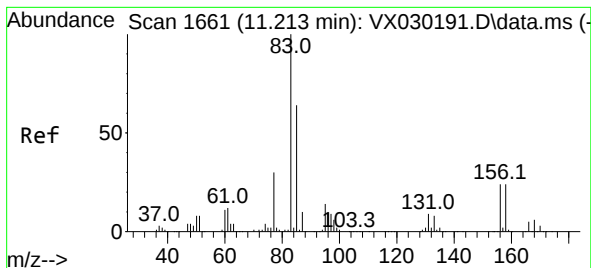
43 100

70 38.9 32.3 48.5

55 23.1 18.4 27.6

61 22.8 19.2 28.8

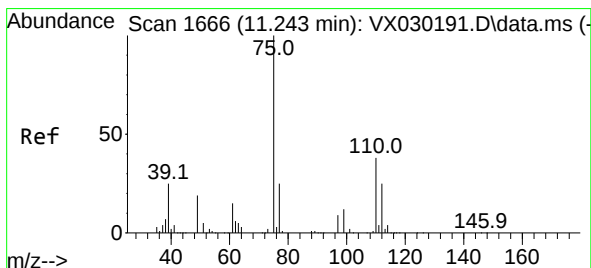
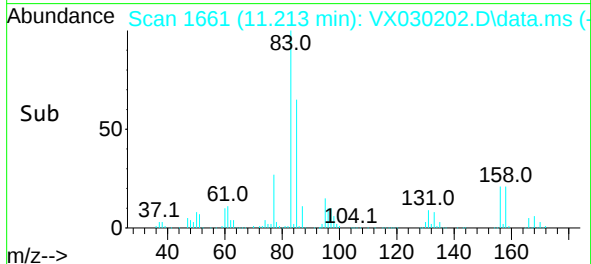
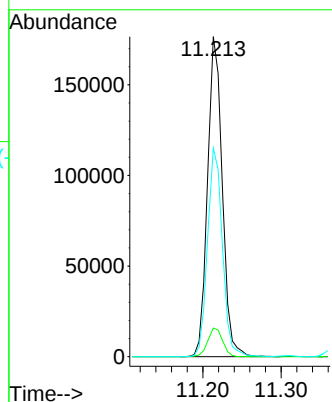
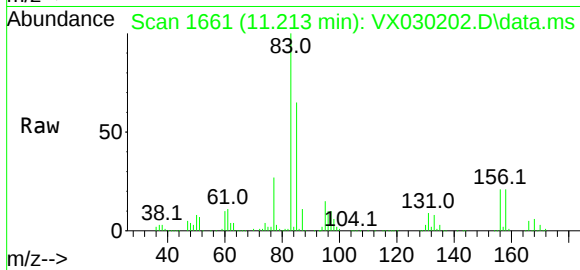




#75
 1,1,2,2-Tetrachloroethane
 Concen: 46.764 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. 0.000 min
 Lab File: VX030202.D
 Acq: 25 Jul 2022 19:59

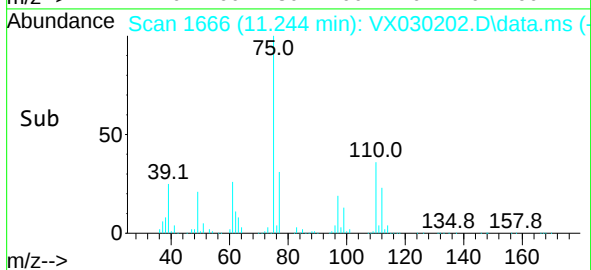
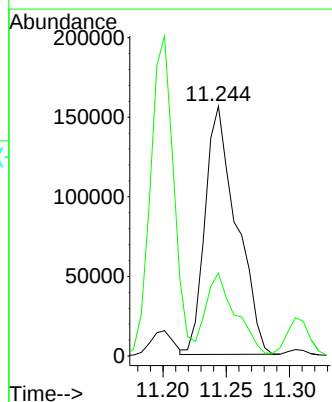
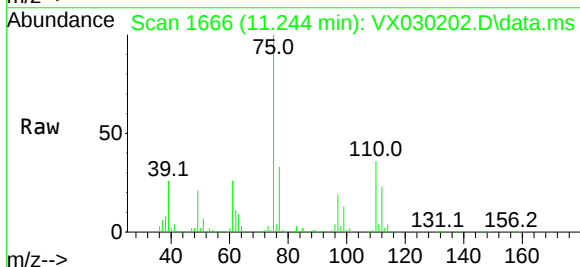
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

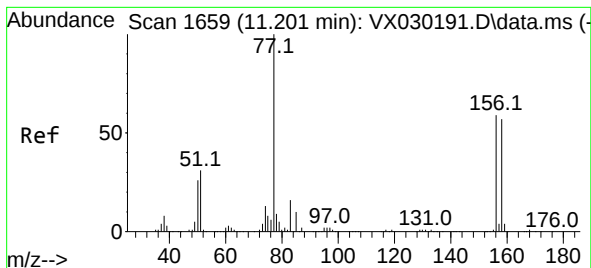
Tgt Ion: 83 Resp: 230517
 Ion Ratio Lower Upper
 83 100
 131 9.0 4.5 13.7
 85 65.7 32.5 97.5



#76
 1,2,3-Trichloropropane
 Concen: 59.378 ug/l
 RT: 11.244 min Scan# 1666
 Delta R.T. 0.001 min
 Lab File: VX030202.D
 Acq: 25 Jul 2022 19:59

Tgt Ion: 75 Resp: 270013
 Ion Ratio Lower Upper
 75 100
 77 31.5 19.8 59.3





#77

Bromobenzene

Concen: 45.829 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX030202.D

Acq: 25 Jul 2022 19:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

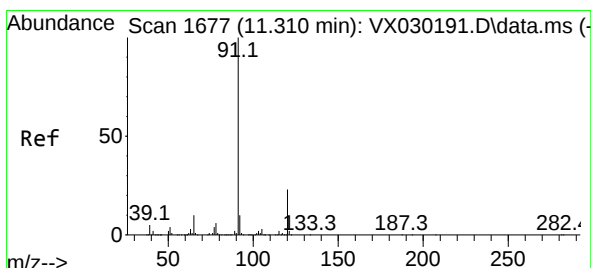
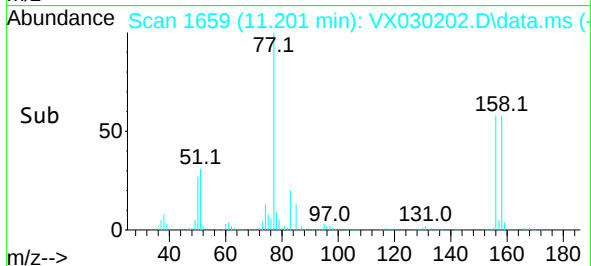
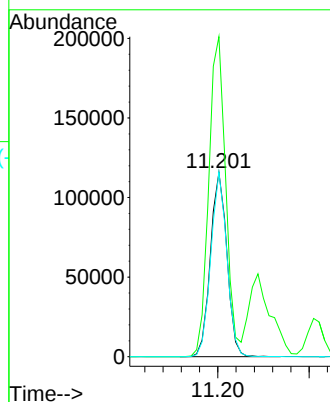
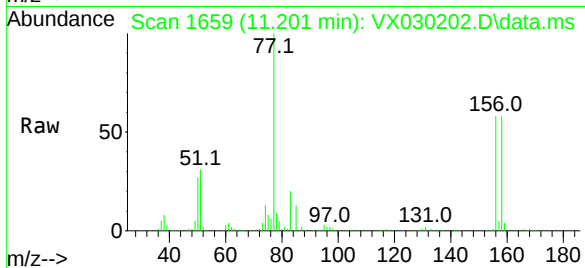
Tgt Ion:156 Resp: 144863

Ion Ratio Lower Upper

156 100

77 178.3 82.7 247.9

158 97.3 47.5 142.5



#78

n-propylbenzene

Concen: 48.182 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.005 min

Lab File: VX030202.D

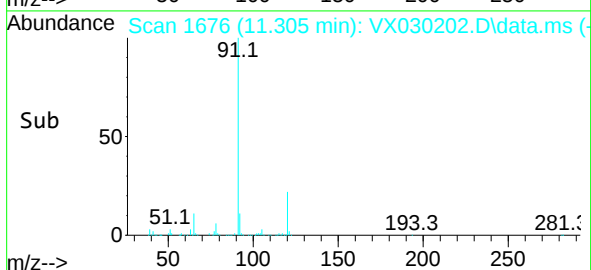
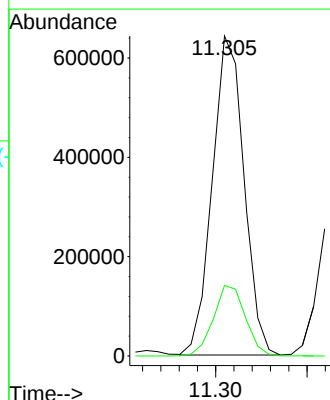
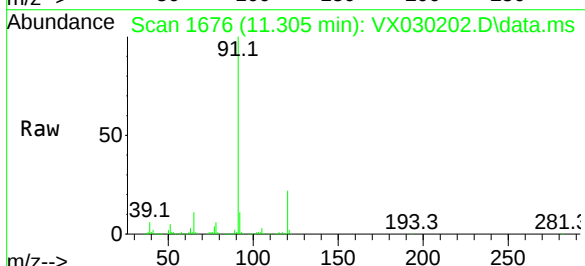
Acq: 25 Jul 2022 19:59

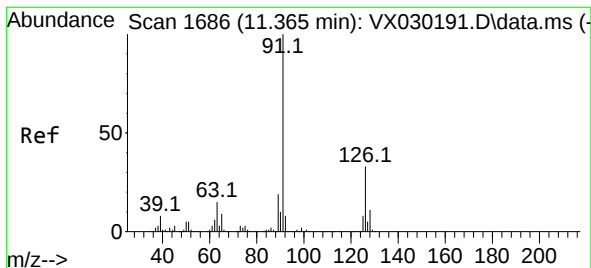
Tgt Ion: 91 Resp: 774463

Ion Ratio Lower Upper

91 100

120 22.3 11.6 34.8





#79

2-Chlorotoluene

Concen: 45.529 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX030202.D

Acq: 25 Jul 2022 19:59

Instrument :

MSVOA_X

ClientSampleId :

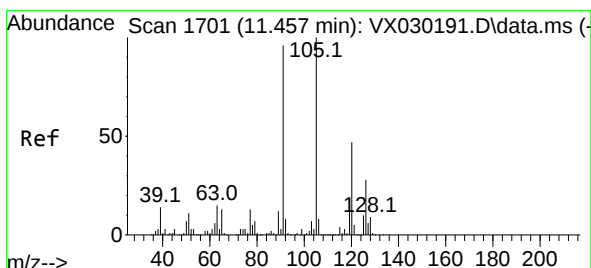
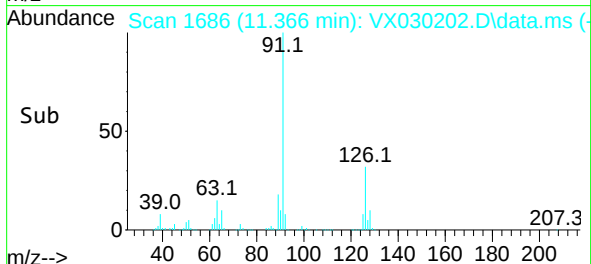
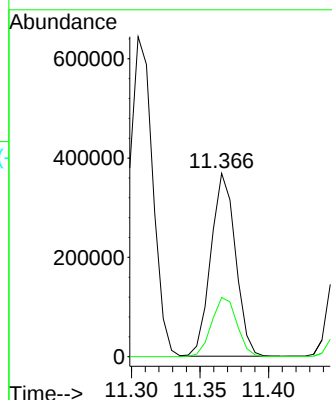
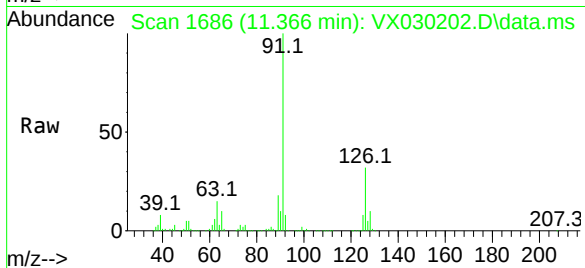
VSTDCCC050EC

Tgt Ion: 91 Resp: 462148

Ion Ratio Lower Upper

91 100

126 33.4 17.4 52.3



#80

1,3,5-Trimethylbenzene

Concen: 48.227 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.006 min

Lab File: VX030202.D

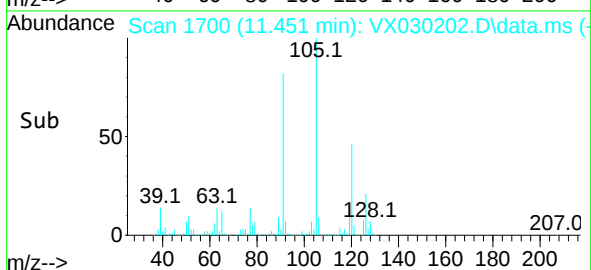
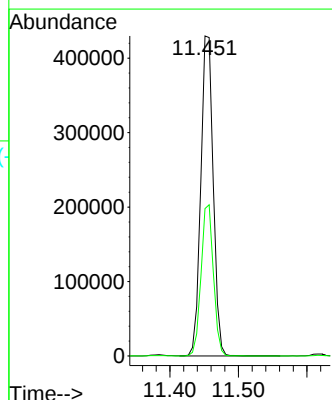
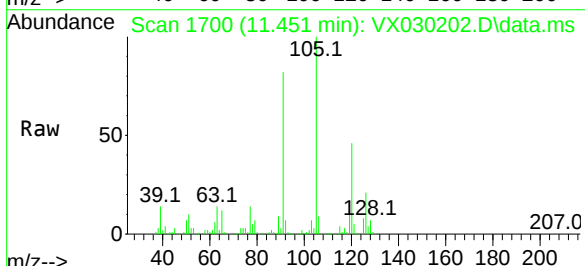
Acq: 25 Jul 2022 19:59

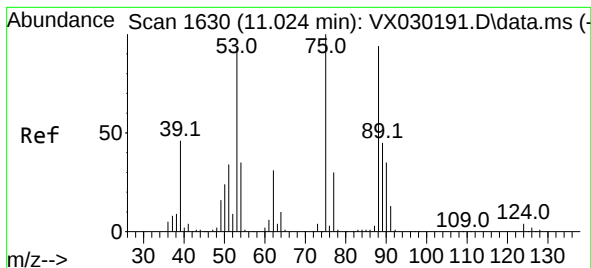
Tgt Ion:105 Resp: 543851

Ion Ratio Lower Upper

105 100

120 47.0 24.4 73.2

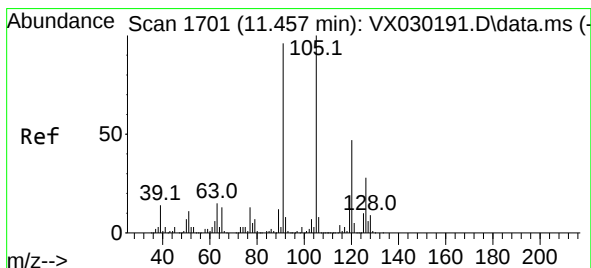
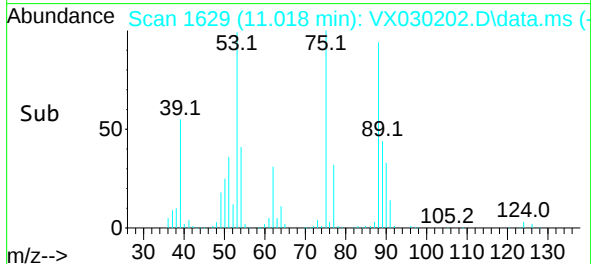
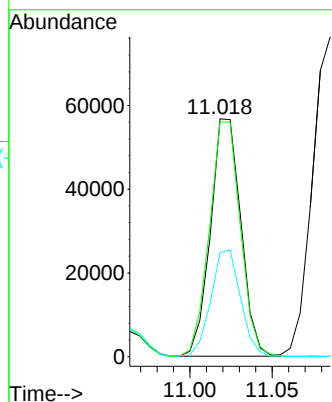
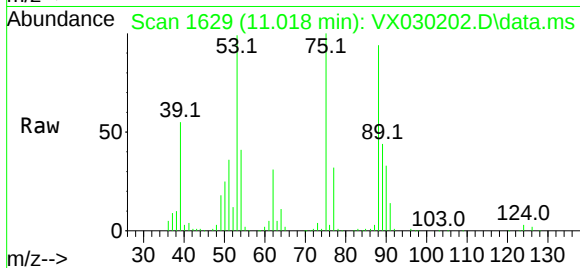




#81
trans-1,4-Dichloro-2-butene
Concen: 47.907 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VX030202.D
Acq: 25 Jul 2022 19:59

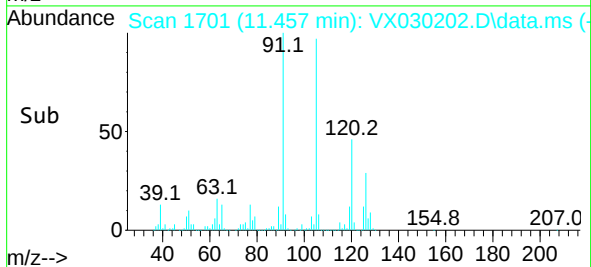
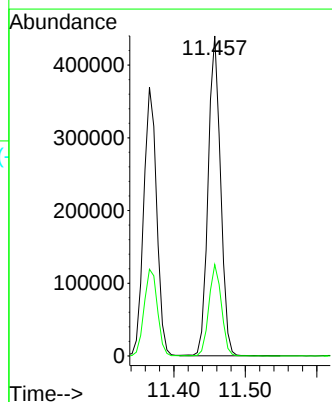
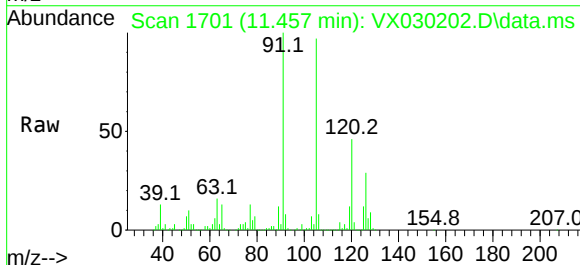
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

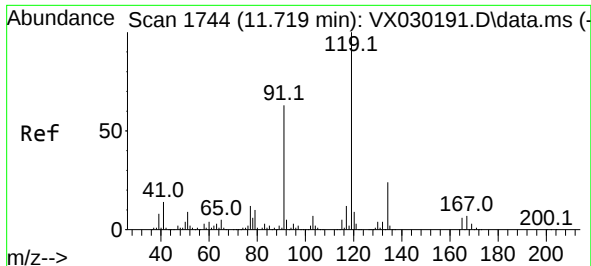
Tgt Ion: 75 Resp: 72619
Ion Ratio Lower Upper
75 100
53 101.2 74.2 111.4
89 44.1 34.8 52.2



#82
4-Chlorotoluene
Concen: 47.873 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX030202.D
Acq: 25 Jul 2022 19:59

Tgt Ion: 91 Resp: 530928
Ion Ratio Lower Upper
91 100
126 28.7 15.3 45.9

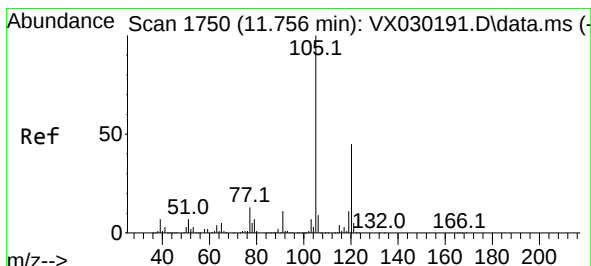
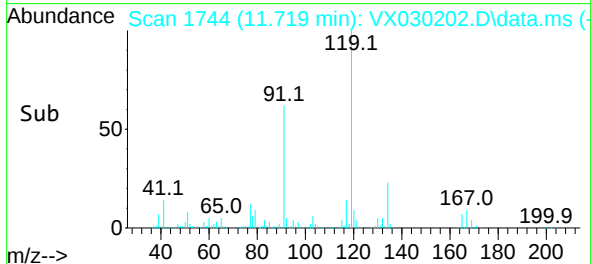
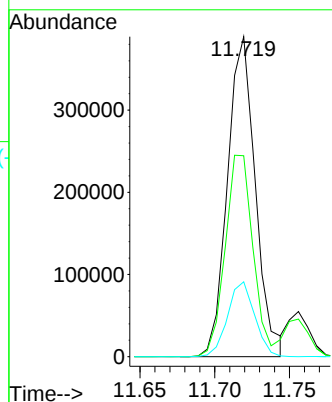
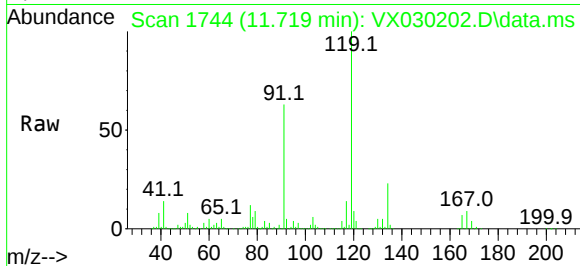




#83
tert-Butylbenzene
Concen: 48.375 ug/l
RT: 11.719 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030202.D
Acq: 25 Jul 2022 19:59

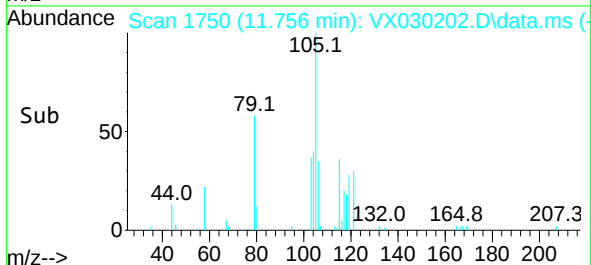
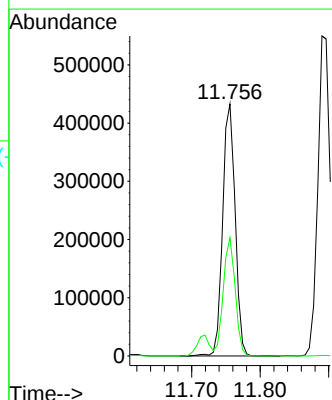
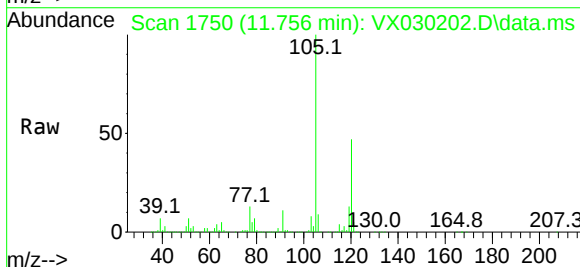
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

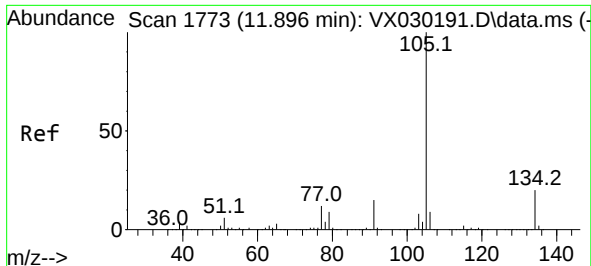
Tgt Ion:119 Resp: 505633
Ion Ratio Lower Upper
119 100
91 62.5 28.3 84.9
134 22.8 11.2 33.5



#84
1,2,4-Trimethylbenzene
Concen: 48.497 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX030202.D
Acq: 25 Jul 2022 19:59

Tgt Ion:105 Resp: 545622
Ion Ratio Lower Upper
105 100
120 44.8 22.9 68.8

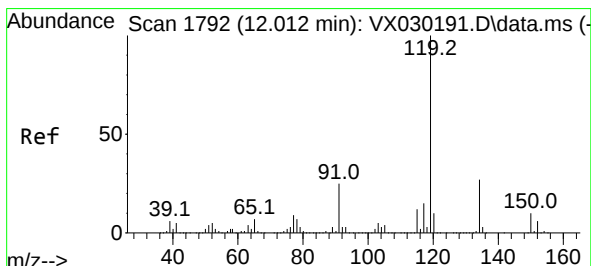
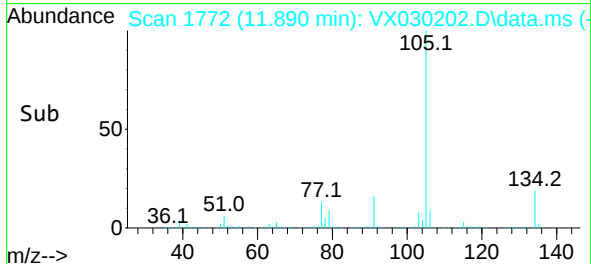
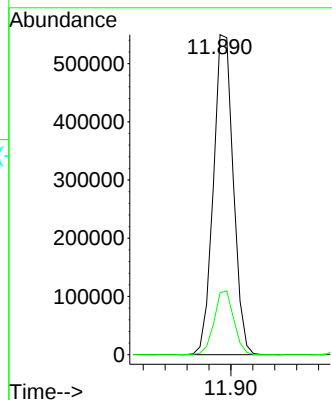
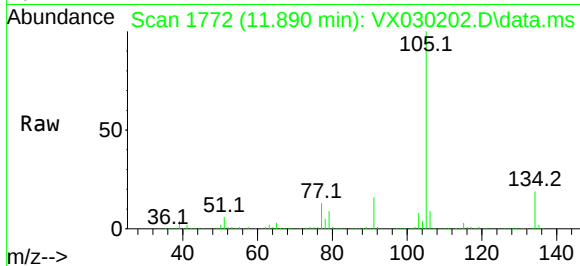




#85
 sec-Butylbenzene
 Concen: 48.402 ug/l
 RT: 11.890 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX030202.D
 Acq: 25 Jul 2022 19:59

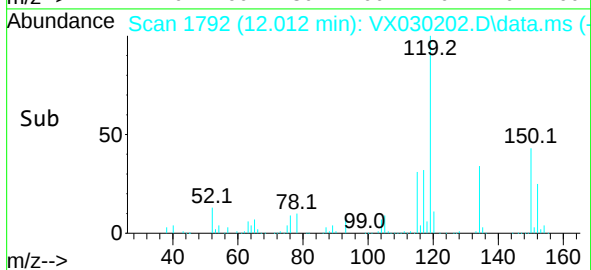
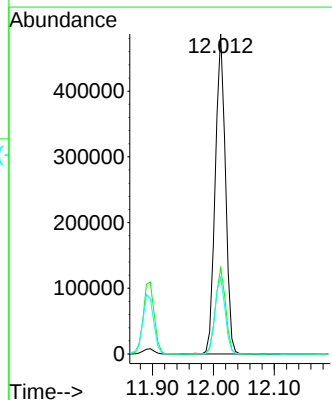
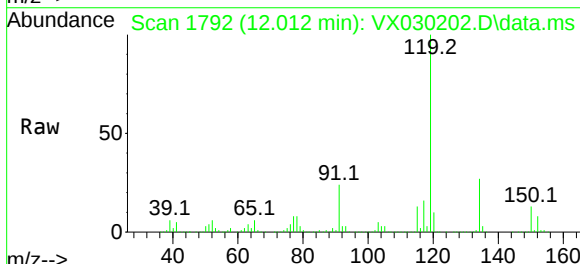
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

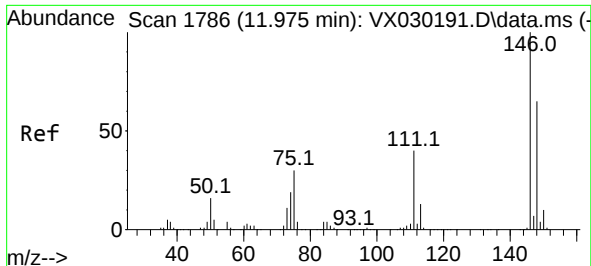
Tgt Ion:105 Resp: 692445
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 49.205 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX030202.D
 Acq: 25 Jul 2022 19:59

Tgt Ion:119 Resp: 563183
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.9 41.6
 91 24.2 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 46.357 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.006 min

Lab File: VX030202.D

Acq: 25 Jul 2022 19:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

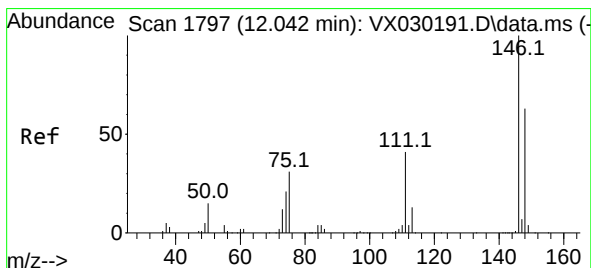
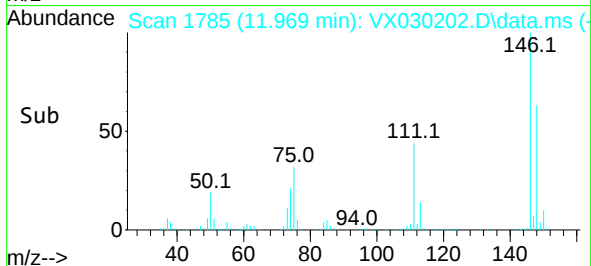
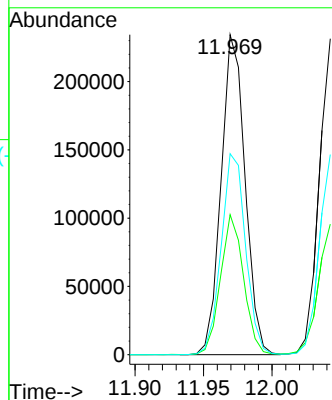
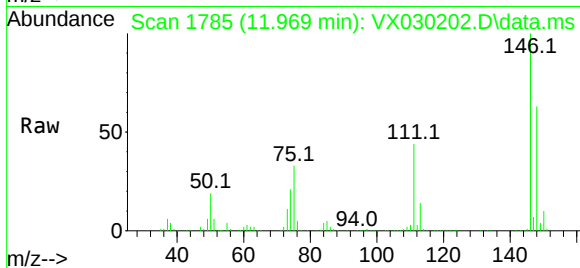
Tgt Ion:146 Resp: 284983

Ion Ratio Lower Upper

146 100

111 42.3 20.3 60.8

148 64.1 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 45.807 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX030202.D

Acq: 25 Jul 2022 19:59

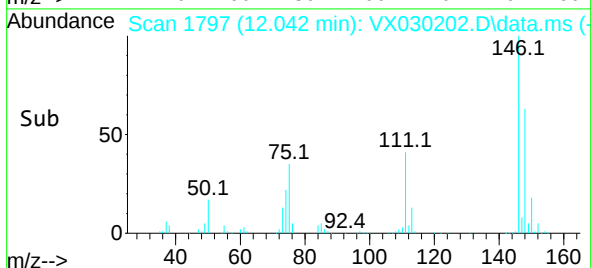
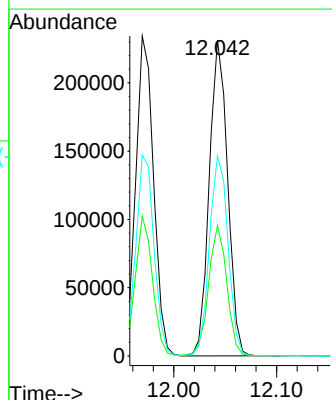
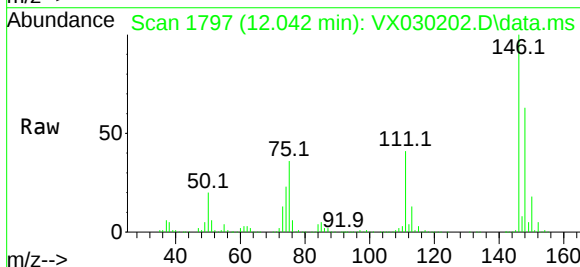
Tgt Ion:146 Resp: 286659

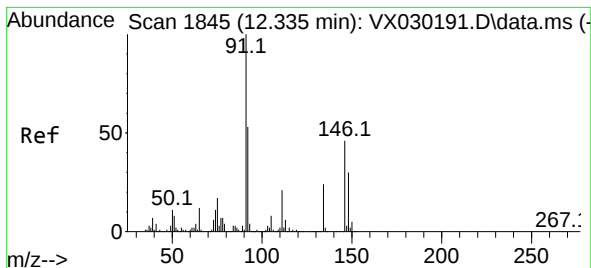
Ion Ratio Lower Upper

146 100

111 41.1 20.3 60.9

148 64.3 32.3 96.8

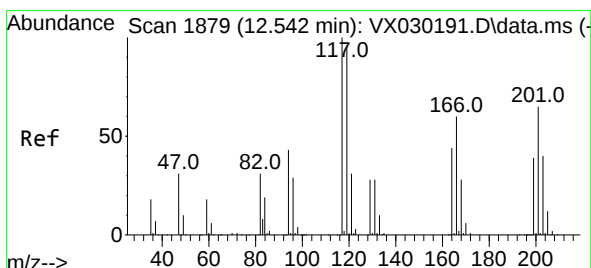
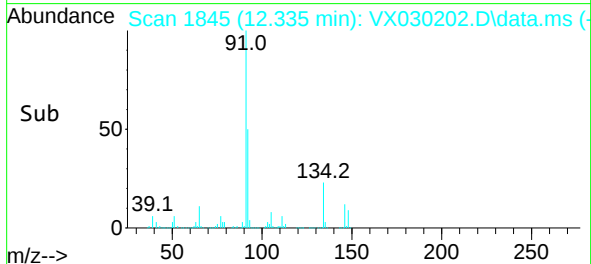
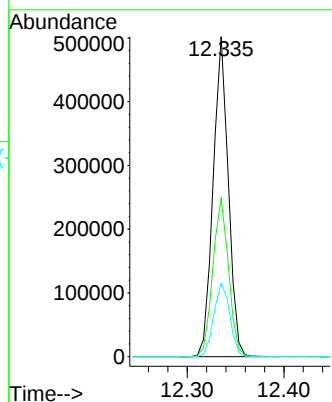
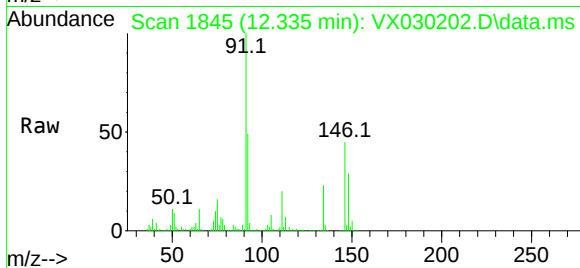




#89
n-Butylbenzene
Concen: 51.400 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX030202.D
Acq: 25 Jul 2022 19:59

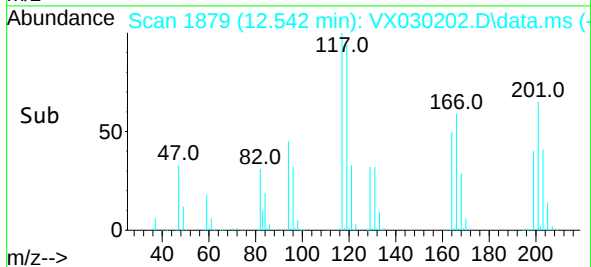
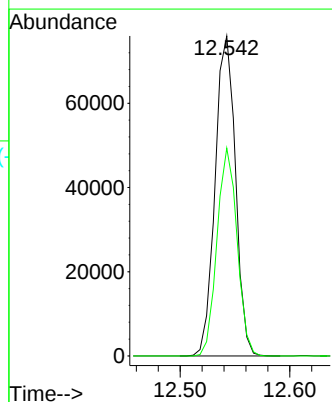
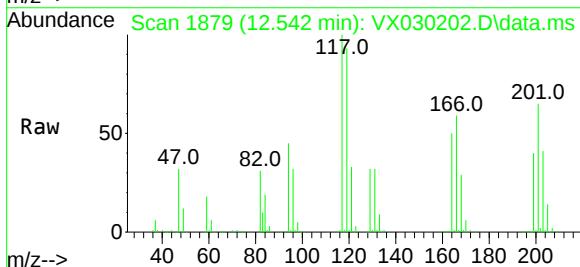
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

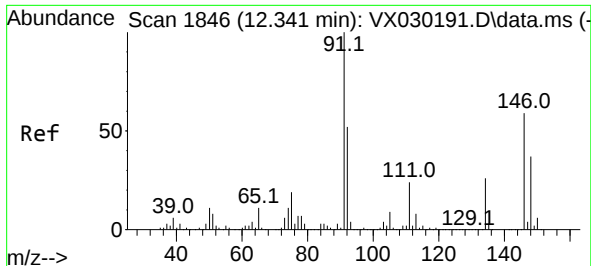
Tgt Ion: 91 Resp: 547725
Ion Ratio Lower Upper
91 100
92 51.3 26.2 78.5
134 24.1 12.6 37.8



#90
Hexachloroethane
Concen: 49.788 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX030202.D
Acq: 25 Jul 2022 19:59

Tgt Ion: 117 Resp: 98116
Ion Ratio Lower Upper
117 100
201 64.0 34.2 102.5

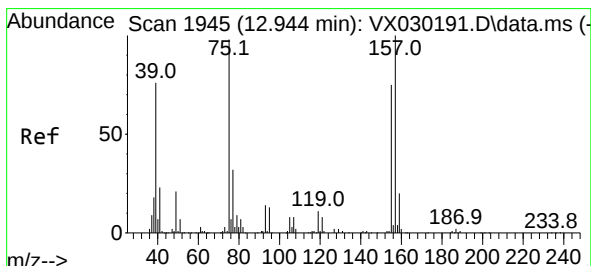
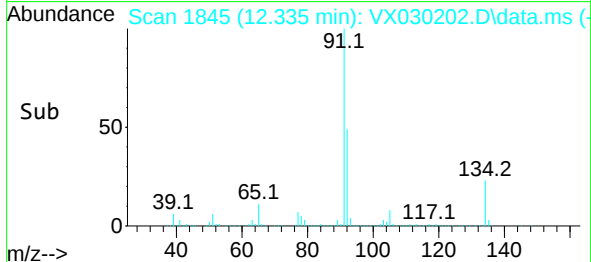
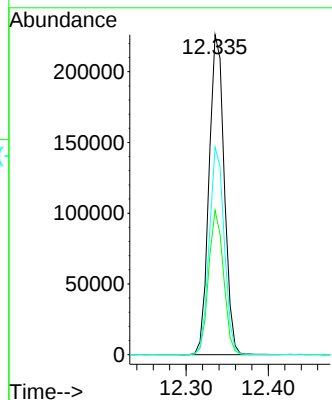
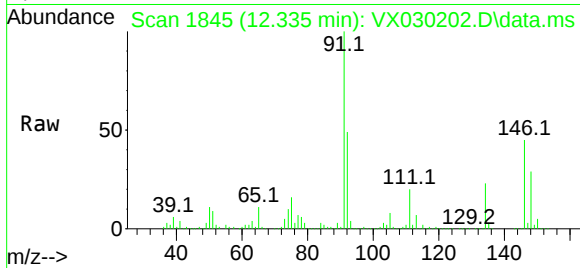




#91
1,2-Dichlorobenzene
Concen: 48.196 ug/l
RT: 12.335 min Scan# 1846
Delta R.T. -0.006 min
Lab File: VX030202.D
Acq: 25 Jul 2022 19:59

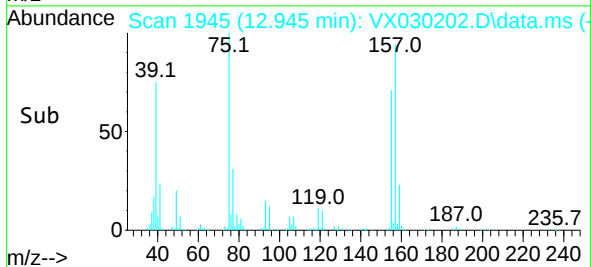
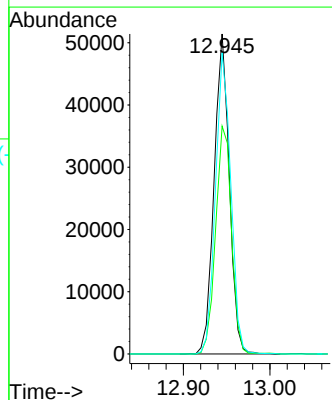
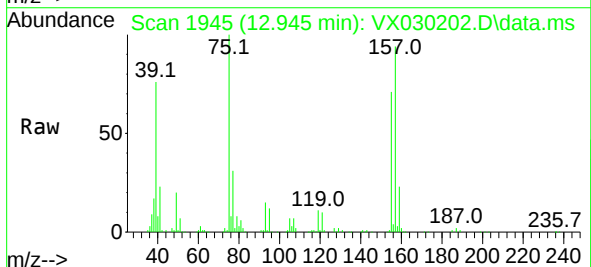
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

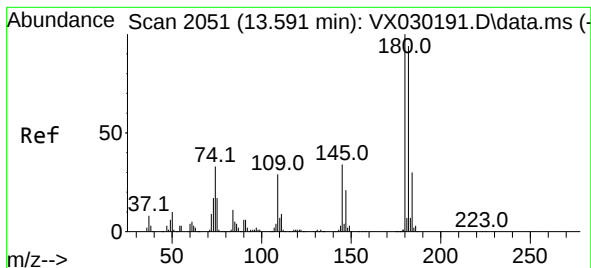
Tgt Ion:146 Resp: 290811
Ion Ratio Lower Upper
146 100
111 44.1 20.7 62.1
148 63.6 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.886 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.001 min
Lab File: VX030202.D
Acq: 25 Jul 2022 19:59

Tgt Ion: 75 Resp: 62526
Ion Ratio Lower Upper
75 100
155 74.5 45.0 134.8
157 95.1 56.9 170.7





#93

1,2,4-Trichlorobenzene

Concen: 47.646 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX030202.D

Acq: 25 Jul 2022 19:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

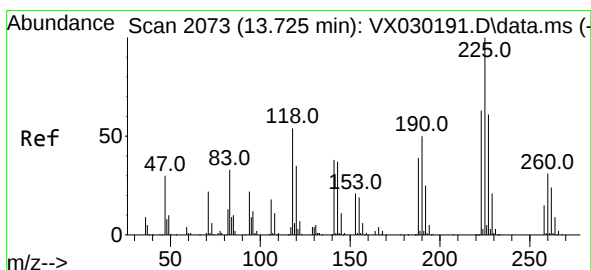
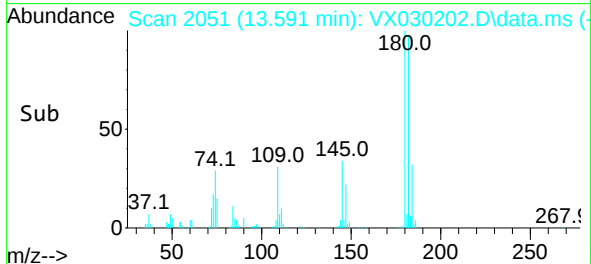
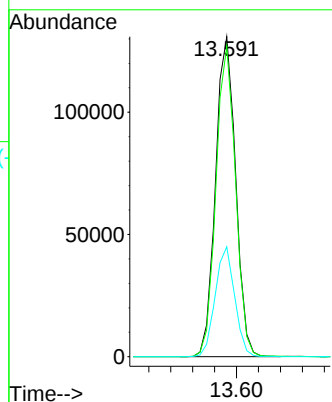
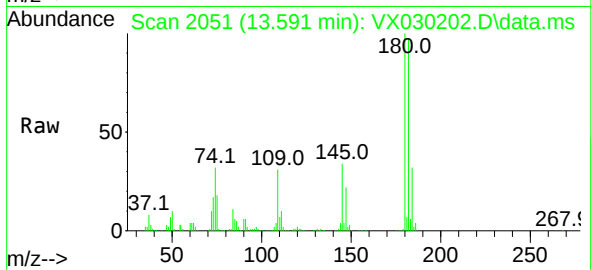
Tgt Ion:180 Resp: 166722

Ion Ratio Lower Upper

180 100

182 94.7 48.2 144.6

145 33.4 15.9 47.6



#94

Hexachlorobutadiene

Concen: 45.977 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX030202.D

Acq: 25 Jul 2022 19:59

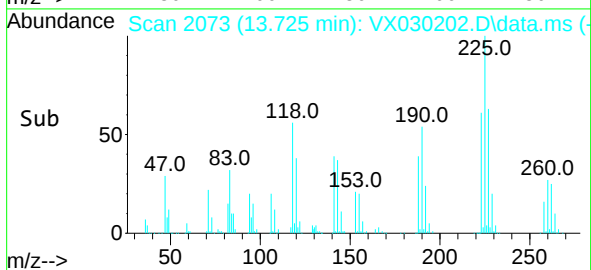
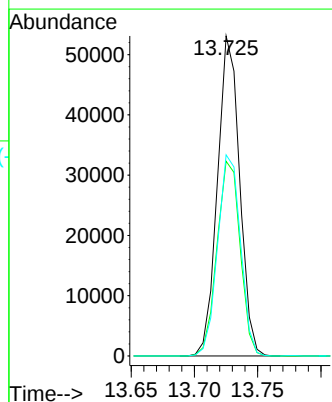
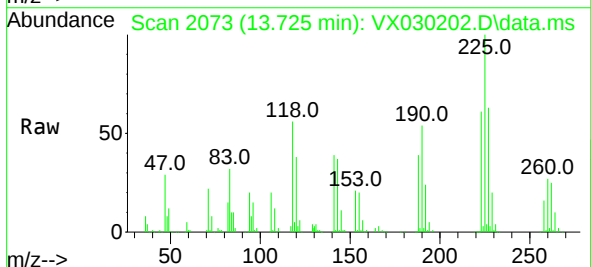
Tgt Ion:225 Resp: 64599

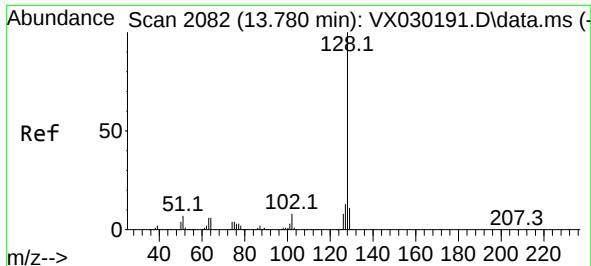
Ion Ratio Lower Upper

225 100

223 63.5 30.6 91.6

227 64.7 31.9 95.9

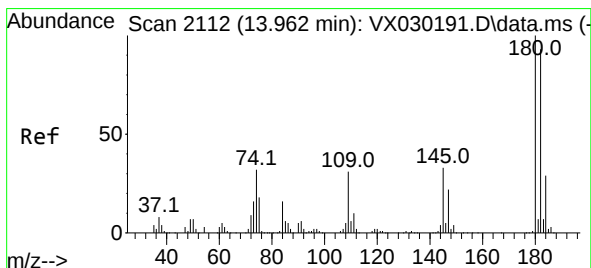
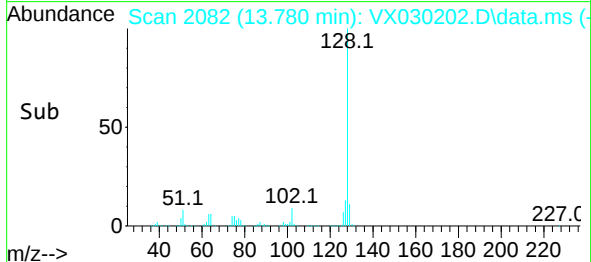
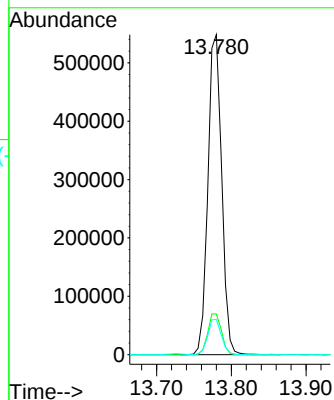
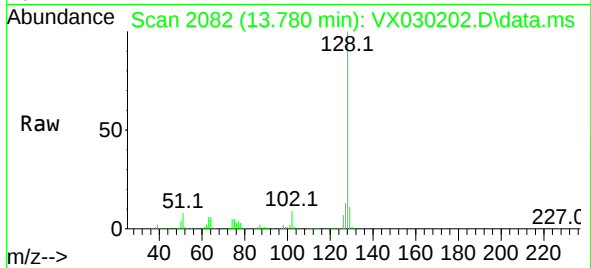




#95
Naphthalene
Concen: 51.233 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX030202.D
Acq: 25 Jul 2022 19:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 700260
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 48.167 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.001 min
Lab File: VX030202.D
Acq: 25 Jul 2022 19:59

Tgt Ion:180 Resp: 172857
Ion Ratio Lower Upper
180 100
182 94.7 47.0 141.0
145 34.7 17.0 50.9

