

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060821\
 Data File : VX022591.D
 Acq On : 09 Jun 2021 02:42
 Operator : JC/MD
 Sample : M2625-30
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 09 04:04:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 07 14:27:50 2021
 Response via : Initial Calibration

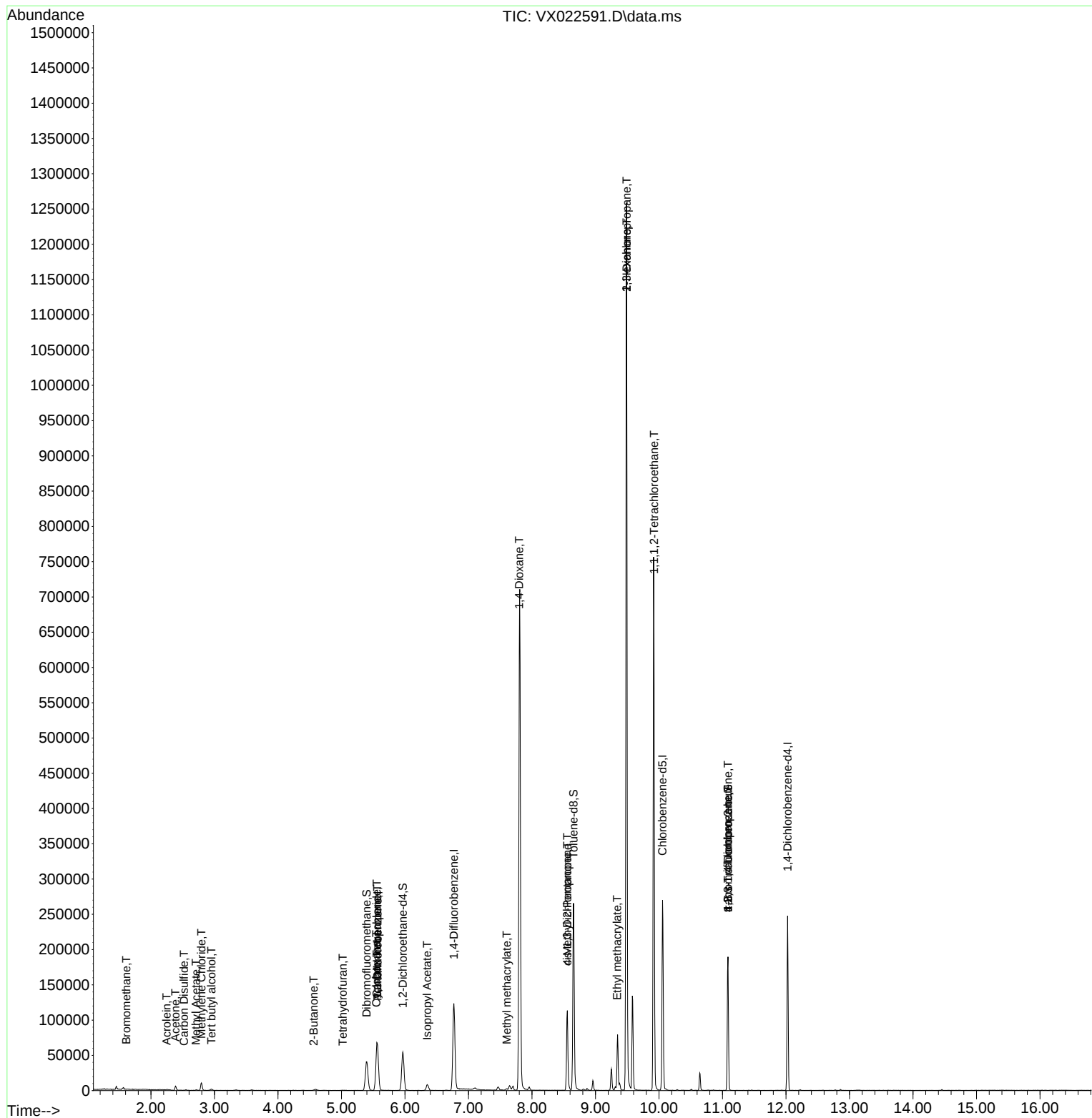
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.568	168	58405	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	119257	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	110916	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	42207	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	50019	48.174	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.340%
35) Dibromofluoromethane	5.397	113	35348	47.374	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.740%
50) Toluene-d8	8.653	98	149726	50.291	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.580%
62) 4-Bromofluorobenzene	11.085	95	52282	47.245	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.500%
Target Compounds						
					Qvalue	
5) Bromomethane	1.612	94	173	0.410	ug/l #	2
11) Tert butyl alcohol	2.953	59	1371	5.887	ug/l #	73
13) Acrolein	2.246	56	138	4.346	ug/l #	42
16) Acetone	2.386	43	6091	13.055	ug/l	96
17) Carbon Disulfide	2.520	76	209	3.489	ug/l #	75
18) Methyl Acetate	2.709	43	1133	0.881	ug/l #	82
20) Methylene Chloride	2.794	84	4730	4.856	ug/l	95
25) 2-Butanone	4.562	43	1535	1.991	ug/l #	45
29) Tetrahydrofuran	5.019	42	138	0.305	ug/l #	41
31) Cyclohexane	5.550	56	1010	0.822	ug/l #	52
36) 1,1-Dichloropropene	5.562	75	6011	5.210	ug/l #	47
38) Carbon Tetrachloride	5.556	117	6376	7.792	ug/l #	17
43) Isopropyl Acetate	6.349	43	11915	4.964	ug/l #	86
48) Methyl methacrylate	7.604	41	3592	3.216	ug/l #	10
49) 1,4-Dioxane	7.799	88	79	3.497	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	39422	26.362	ug/l #	44
54) cis-1,3-Dichloropropene	8.555	75	17752	13.284	ug/l #	64
56) Ethyl methacrylate	9.342	69	275	2.862	ug/l #	1
57) 1,3-Dichloropropane	9.488	76	10542	6.693	ug/l #	42
59) 2-Hexanone	9.488	43	145216	127.114	ug/l #	44
66) 1,1,1,2-Tetrachloroethane	9.921	131	25	1.682	ug/l #	8
76) 1,2,3-Trichloropropane	11.085	75	28496	26.061	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	28496	64.245	ug/l #	12

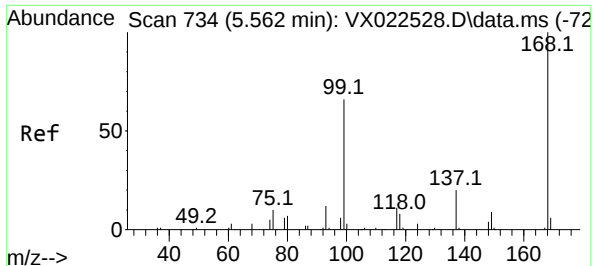
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :

Quant Time: Jun 09 04:04:36 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 07 14:27:50 2021
Response via : Initial Calibration

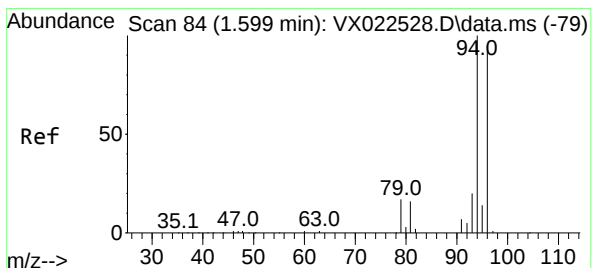
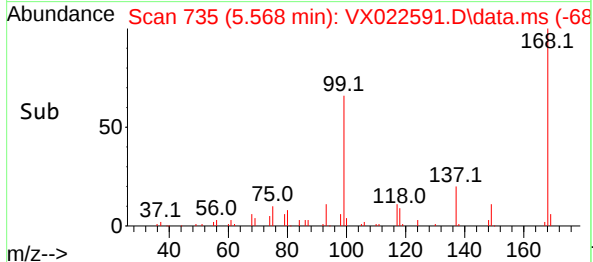
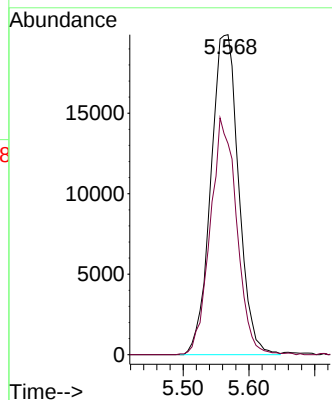
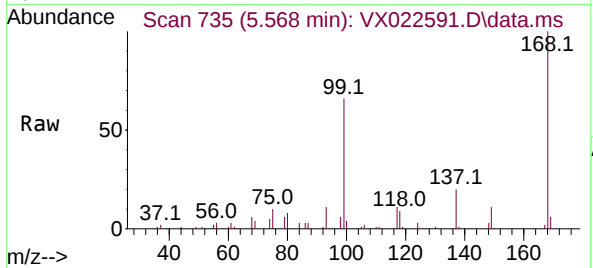




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX022591.D
Acq: 09 Jun 2021 02:42

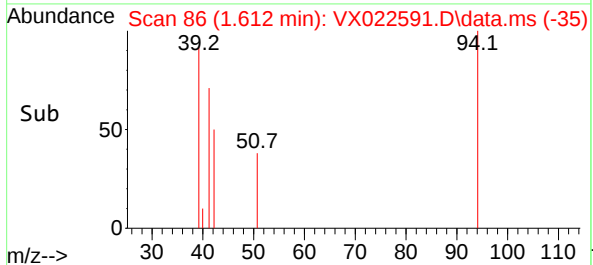
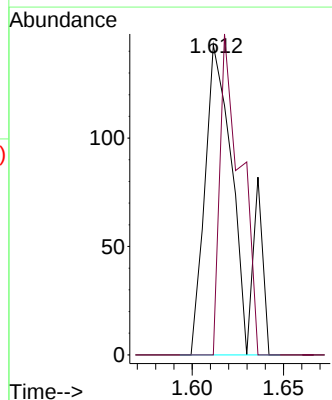
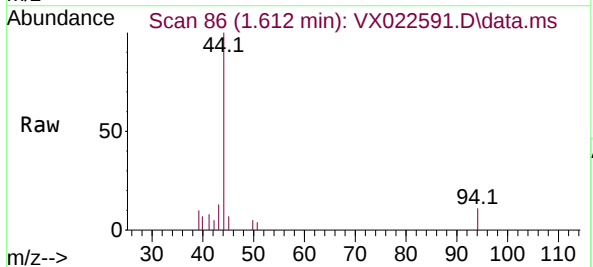
Instrument :
MSVOA_X
ClientSampled :

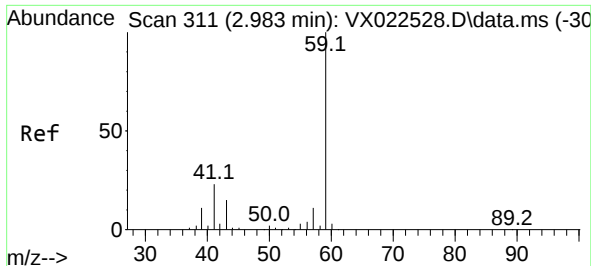
Tgt Ion:168 Resp: 58405
Ion Ratio Lower Upper
168 100
99 65.7 45.8 68.6



#5
Bromomethane
Concen: 0.410 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX022591.D
Acq: 09 Jun 2021 02:42

Tgt Ion: 94 Resp: 173
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



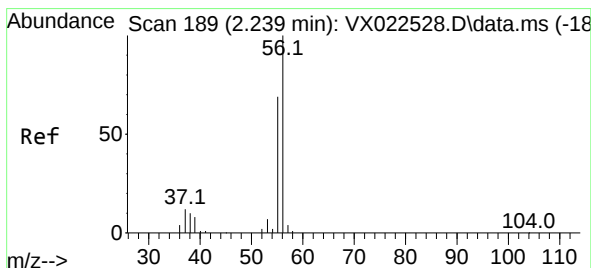
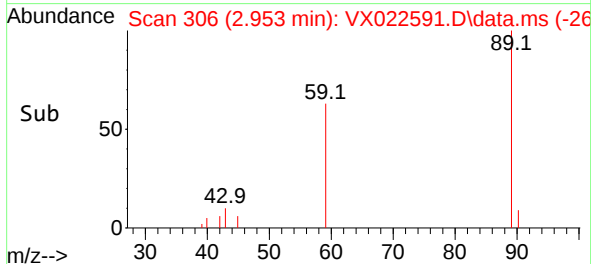
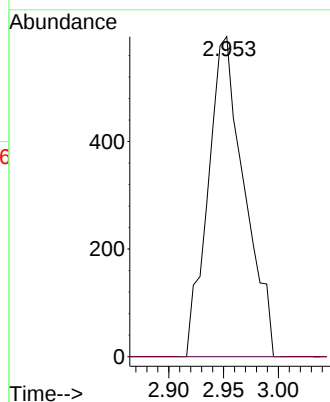
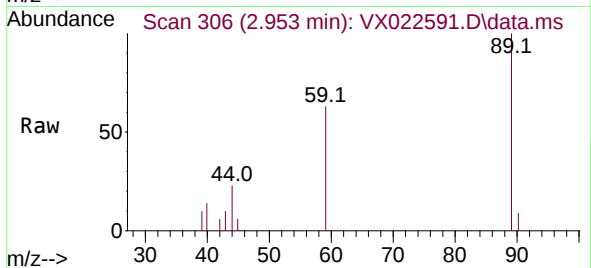


#11

Tert butyl alcohol
Concen: 5.887 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX022591.D
Acq: 09 Jun 2021 02:42

Instrument :
MSVOA_X
ClientSampled :

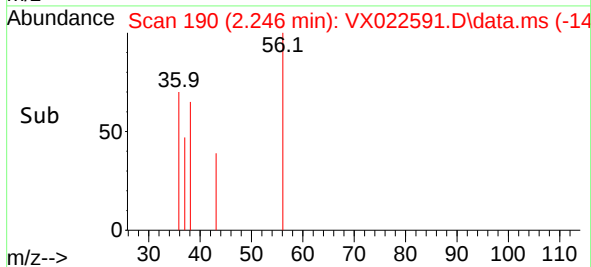
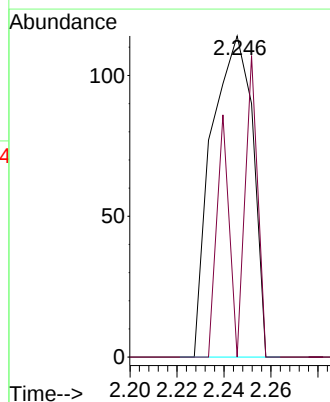
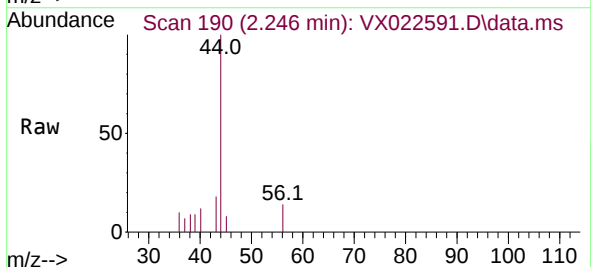
Tgt Ion: 59 Resp: 1371
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

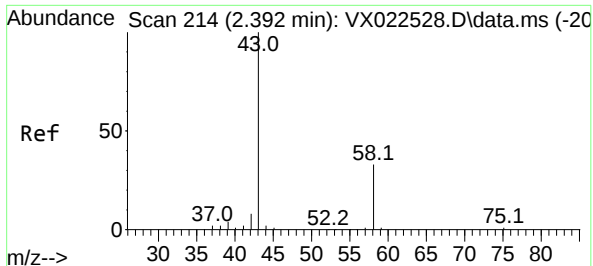


#13

Acrolein
Concen: 4.346 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.007 min
Lab File: VX022591.D
Acq: 09 Jun 2021 02:42

Tgt Ion: 56 Resp: 138
Ion Ratio Lower Upper
56 100
55 22.5 56.4 84.6#

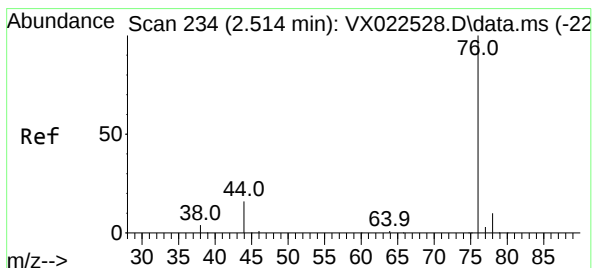
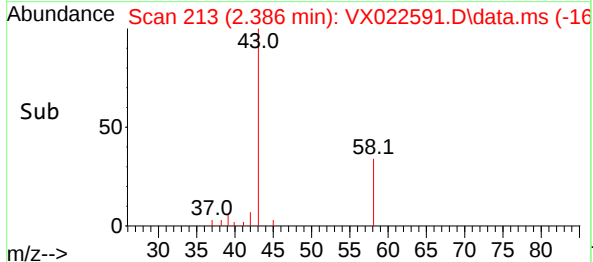
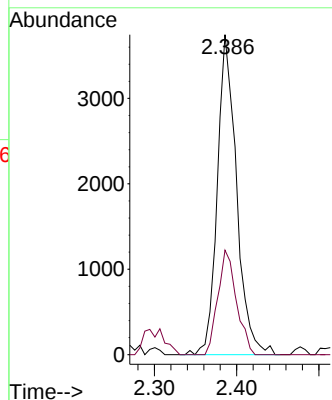
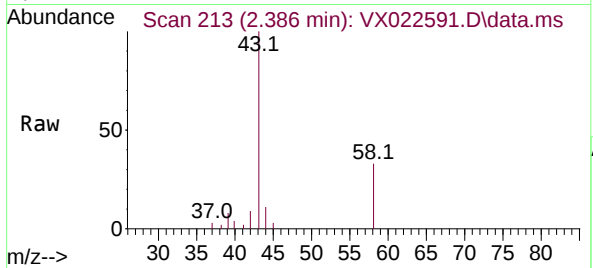




#16
Acetone
Concen: 13.055 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022591.D
Acq: 09 Jun 2021 02:42

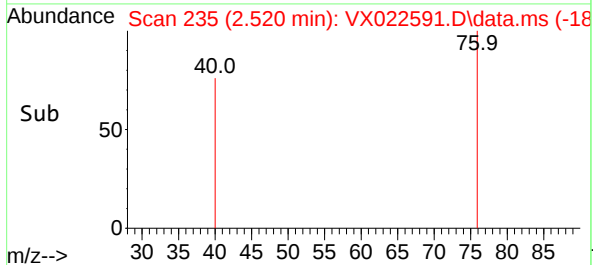
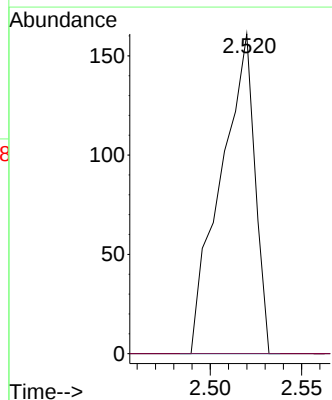
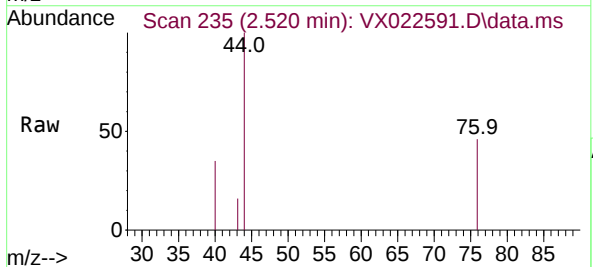
Instrument :
MSVOA_X
ClientSampled :

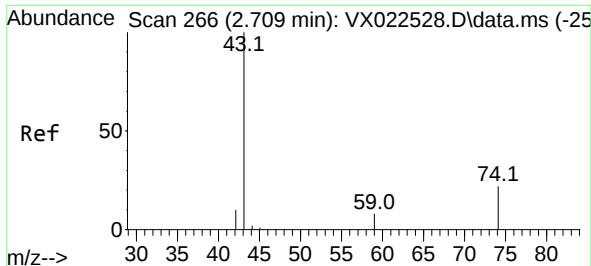
Tgt Ion: 43 Resp: 6091
Ion Ratio Lower Upper
43 100
58 32.7 27.8 41.8



#17
Carbon Disulfide
Concen: 3.489 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX022591.D
Acq: 09 Jun 2021 02:42

Tgt Ion: 76 Resp: 209
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

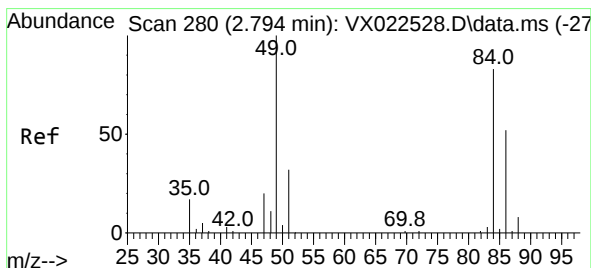
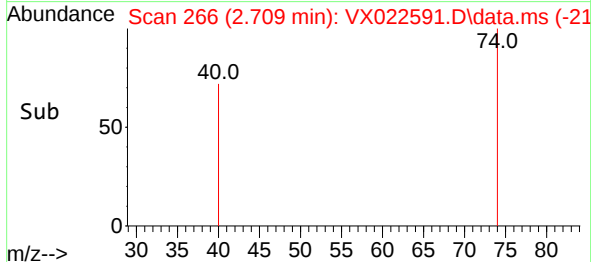
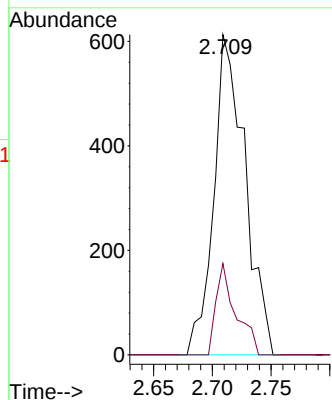
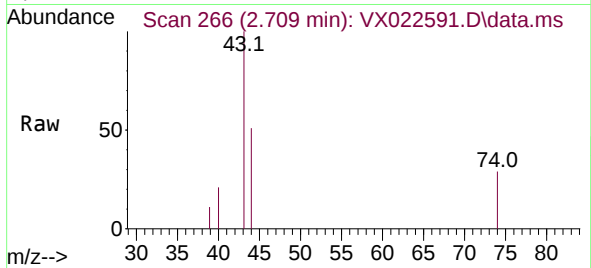




#18
Methyl Acetate
Concen: 0.881 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX022591.D
Acq: 09 Jun 2021 02:42

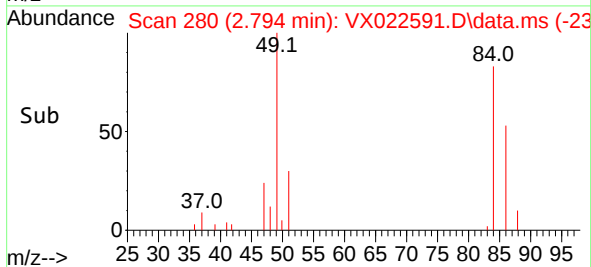
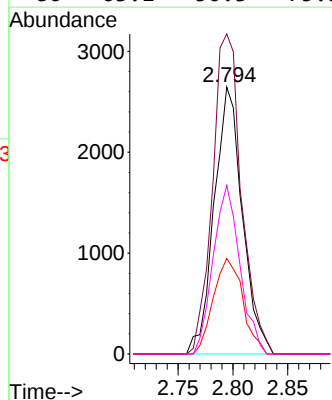
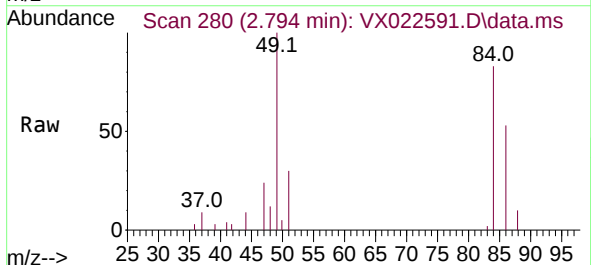
Instrument :
MSVOA_X
ClientSampled :

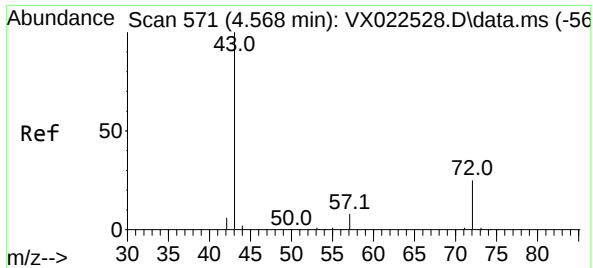
Tgt Ion: 43 Resp: 1133
Ion Ratio Lower Upper
43 100
74 18.0 21.9 32.9#



#20
Methylene Chloride
Concen: 4.856 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022591.D
Acq: 09 Jun 2021 02:42

Tgt Ion: 84 Resp: 4730
Ion Ratio Lower Upper
84 100
49 119.8 88.6 132.8
51 35.8 27.0 40.6
86 63.1 50.3 75.5

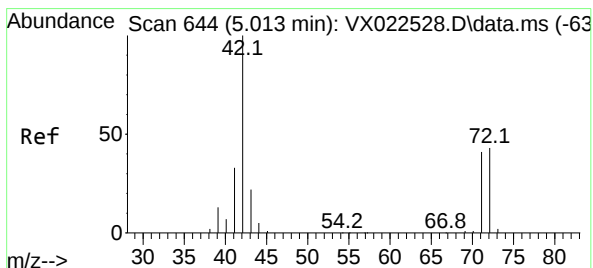
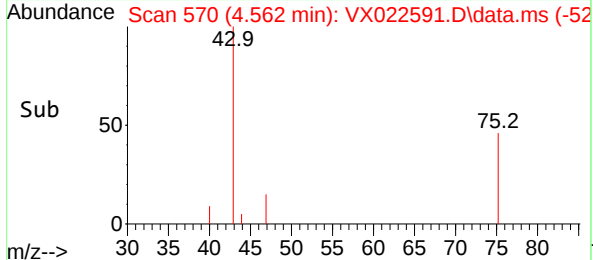
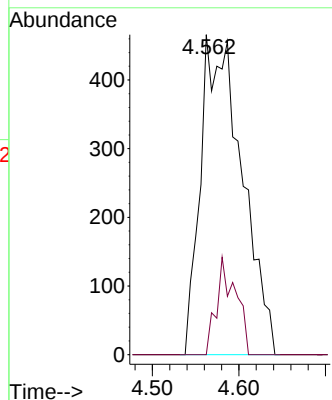
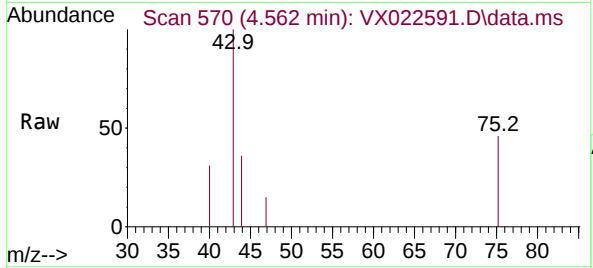




#25
2-Butanone
Concen: 1.991 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX022591.D
Acq: 09 Jun 2021 02:42

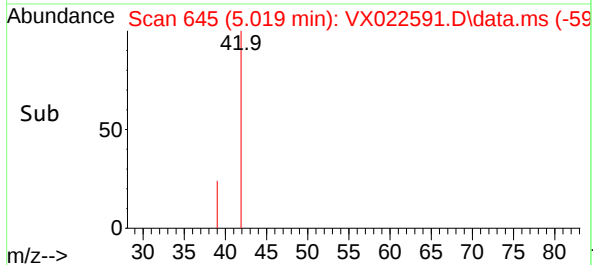
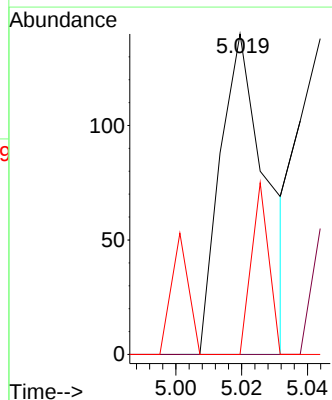
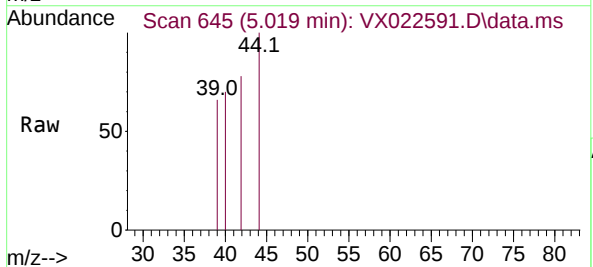
Instrument :
MSVOA_X
ClientSampleId :

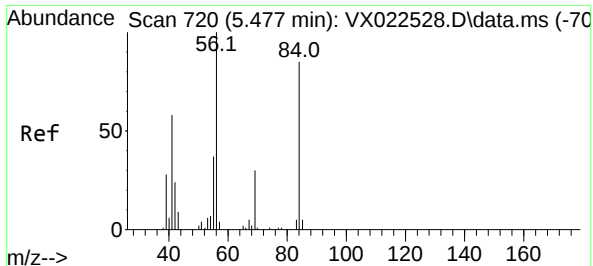
Tgt Ion: 43 Resp: 1535
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#29
Tetrahydrofuran
Concen: 0.305 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.006 min
Lab File: VX022591.D
Acq: 09 Jun 2021 02:42

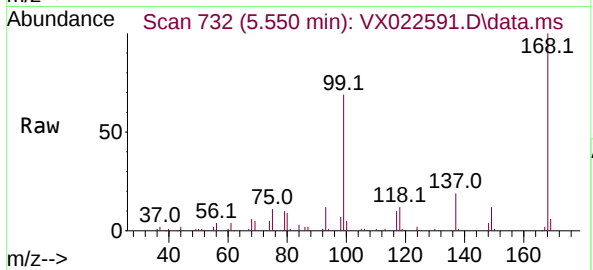
Tgt Ion: 42 Resp: 138
Ion Ratio Lower Upper
42 100
72 0.0 41.7 62.5#
71 19.6 38.4 57.6#



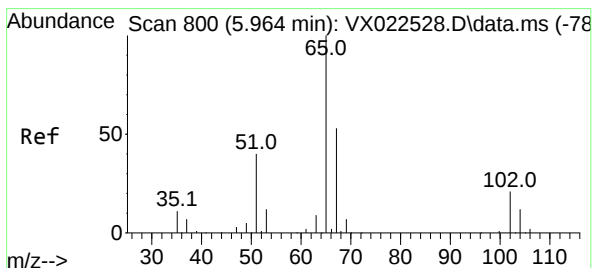
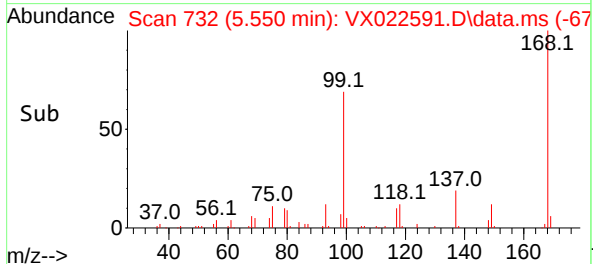
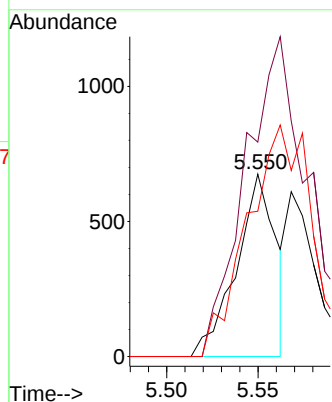


#31
Cyclohexane
Concen: 0.822 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX022591.D
Acq: 09 Jun 2021 02:42

Instrument :
MSVOA_X
ClientSampleId :

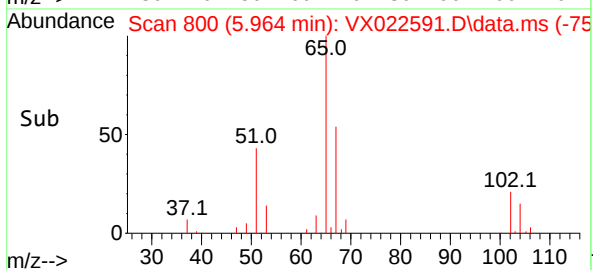
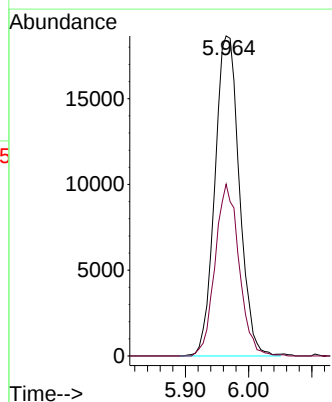
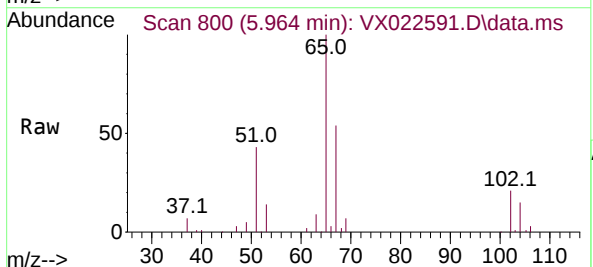


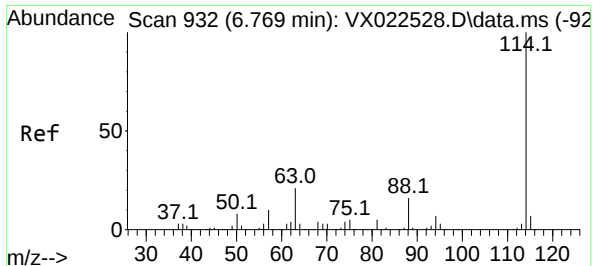
Tgt Ion: 56 Resp: 1010
Ion Ratio Lower Upper
56 100
69 117.6 25.3 37.9#
84 79.7 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 48.174 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022591.D
Acq: 09 Jun 2021 02:42

Tgt Ion: 65 Resp: 50019
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.4

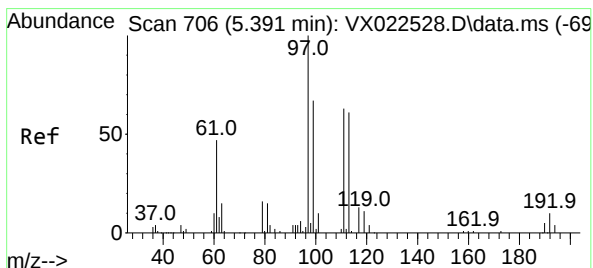
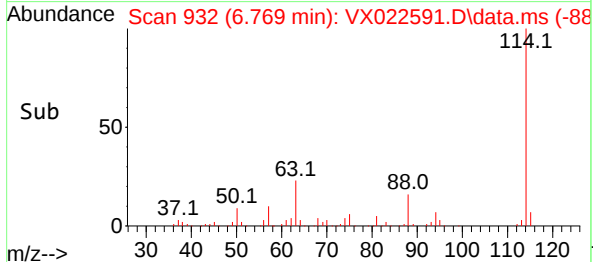
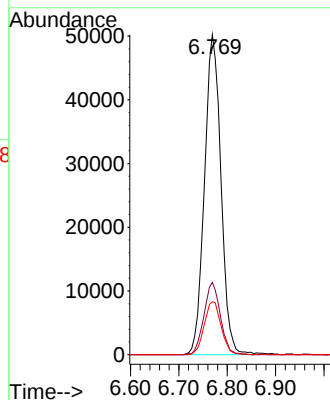
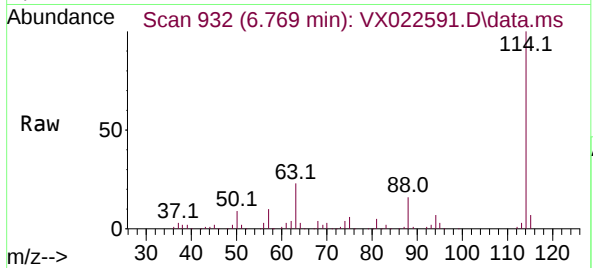




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022591.D
Acq: 09 Jun 2021 02:42

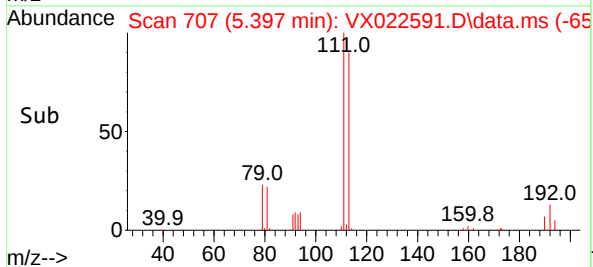
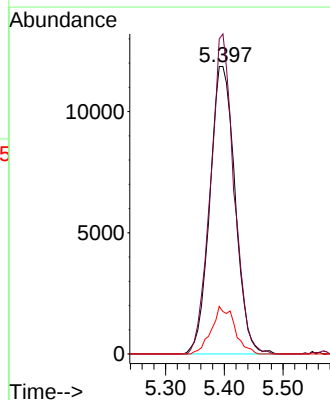
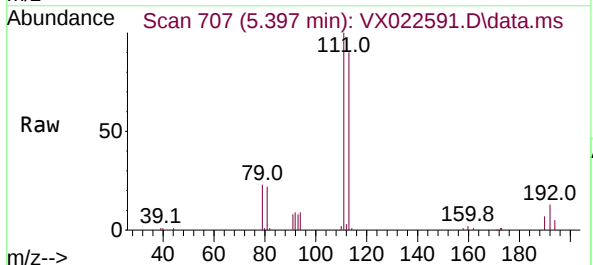
Instrument :
MSVOA_X
ClientSampleId :

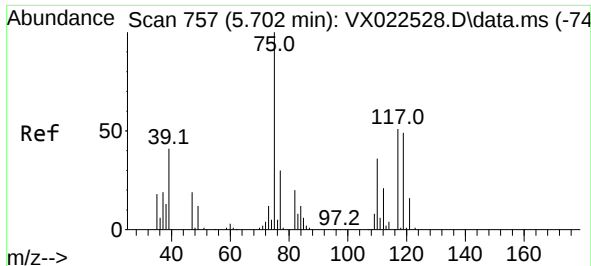
Tgt Ion:114 Resp: 119257
Ion Ratio Lower Upper
114 100
63 22.6 0.0 40.8
88 16.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.374 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022591.D
Acq: 09 Jun 2021 02:42

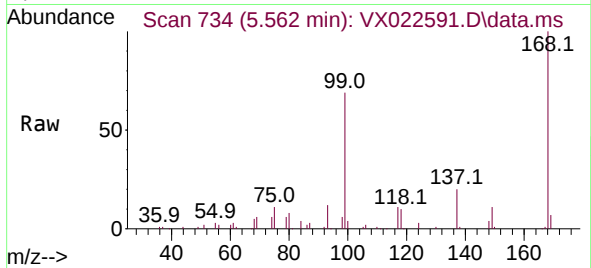
Tgt Ion:113 Resp: 35348
Ion Ratio Lower Upper
113 100
111 103.7 81.9 122.9
192 15.2 16.7 25.1#



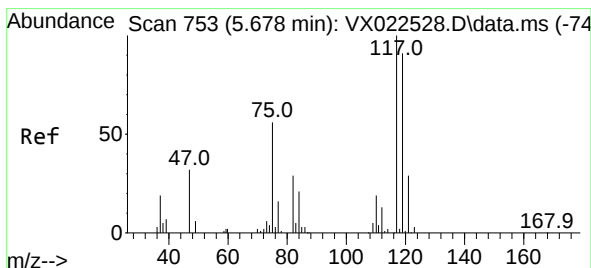
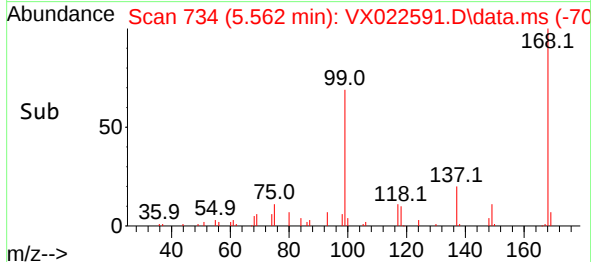
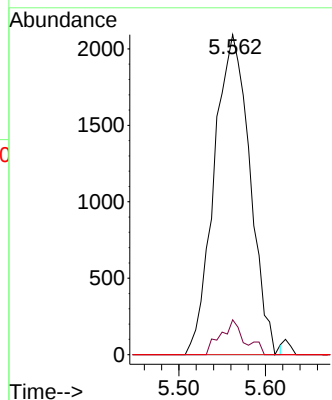


#36
1,1-Dichloropropene
Concen: 5.210 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022591.D
Acq: 09 Jun 2021 02:42

Instrument :
MSVOA_X
ClientSampled :

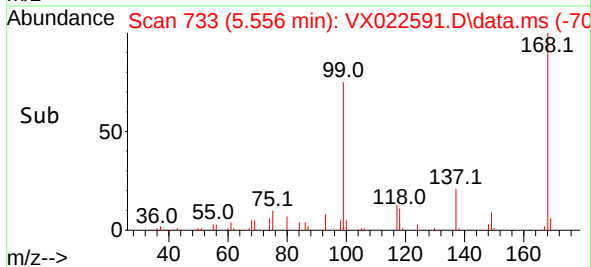
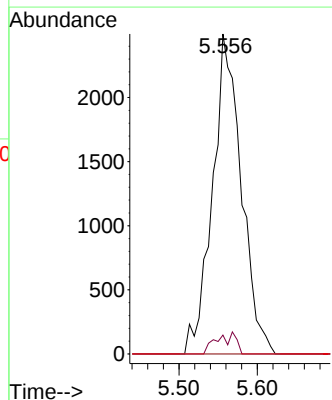
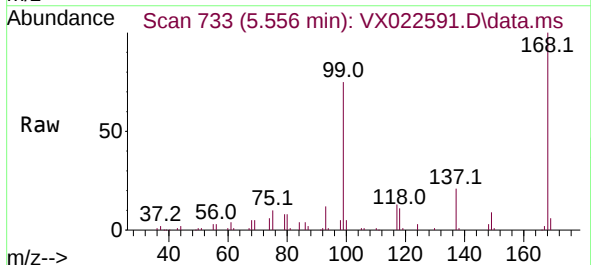


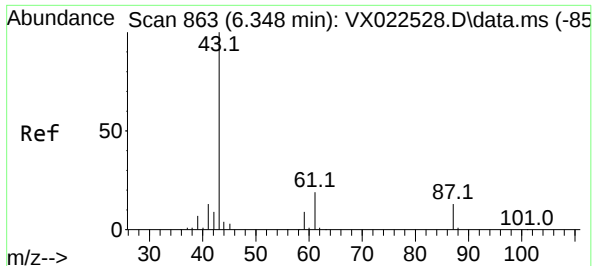
Tgt Ion: 75 Resp: 6011
Ion Ratio Lower Upper
75 100
110 7.3 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 7.792 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX022591.D
Acq: 09 Jun 2021 02:42

Tgt Ion: 117 Resp: 6376
Ion Ratio Lower Upper
117 100
119 5.9 76.2 114.2#
121 0.0 24.8 37.2#





#43

Isopropyl Acetate

Concen: 4.964 ug/l

RT: 6.349 min Scan# 863

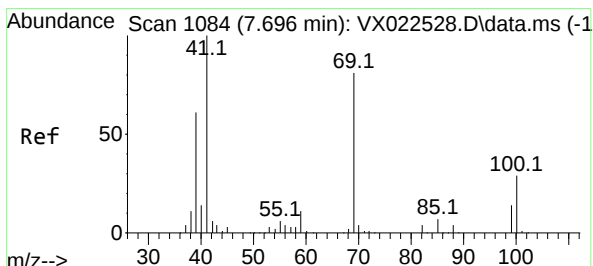
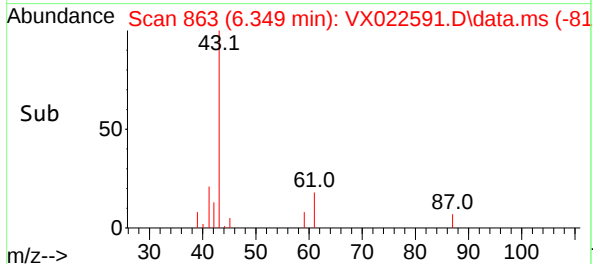
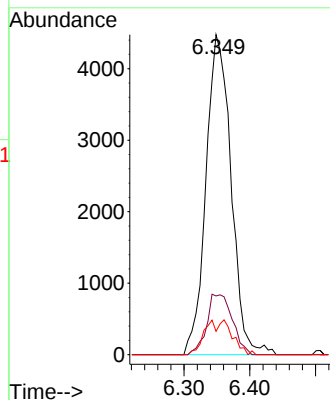
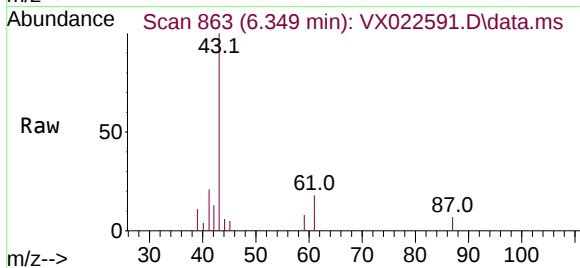
Delta R.T. 0.001 min

Lab File: VX022591.D

Acq: 09 Jun 2021 02:42

Tgt Ion: 43	Resp: 11915
Ion Ratio	Lower Upper
43	100
61	19.2 18.2 27.4
87	5.6 12.5 18.7#

Instrument :
MSVOA_X
ClientSampleId :



#48

Methyl methacrylate

Concen: 3.216 ug/l

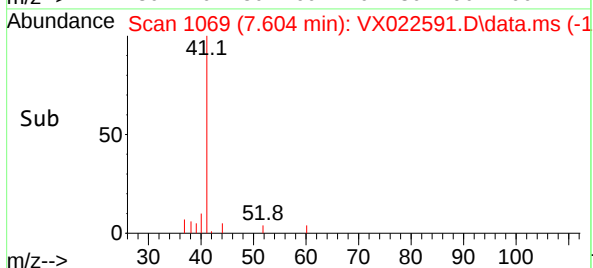
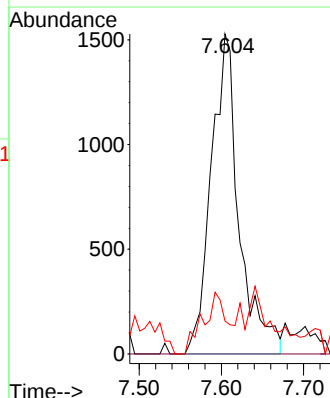
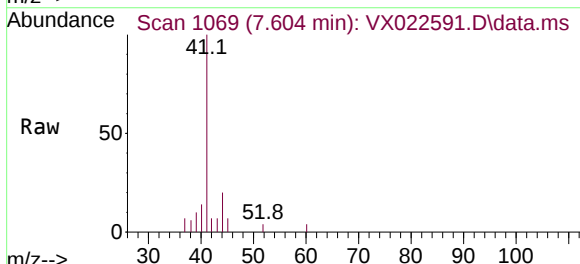
RT: 7.604 min Scan# 1069

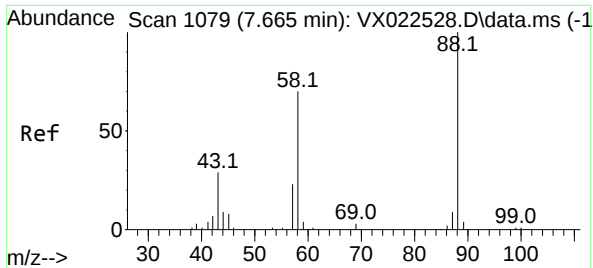
Delta R.T. -0.092 min

Lab File: VX022591.D

Acq: 09 Jun 2021 02:42

Tgt Ion: 41	Resp: 3592
Ion Ratio	Lower Upper
41	100
69	0.0 76.0 114.0#
39	0.0 44.6 67.0#





#49

1,4-Dioxane

Concen: 3.497 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.134 min

Lab File: VX022591.D

Acq: 09 Jun 2021 02:42

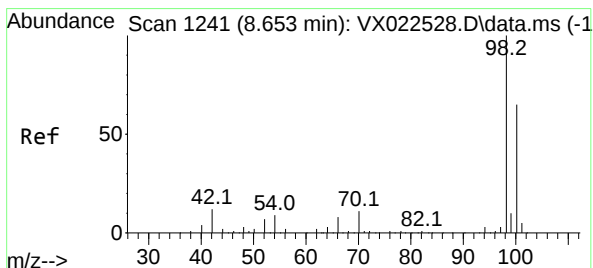
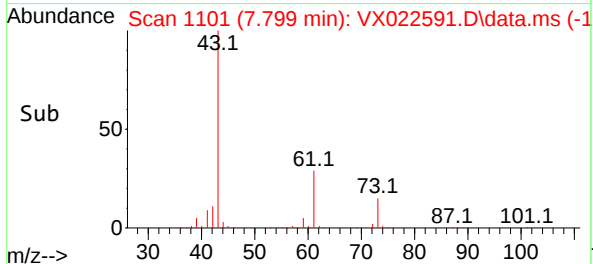
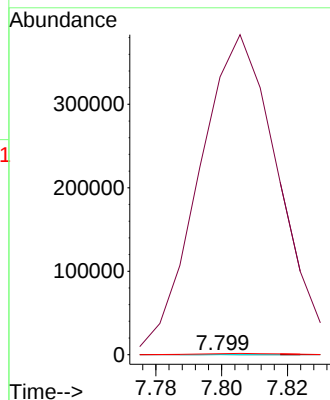
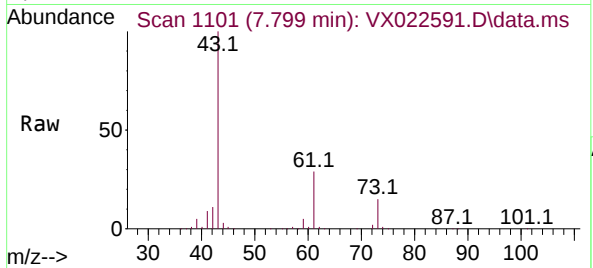
Tgt Ion: 88 Resp: 79

Ion Ratio Lower Upper

88 100

43 833497.5 23.2 34.8#

58 3369.6 55.0 82.4#



#50

Toluene-d8

Concen: 50.291 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX022591.D

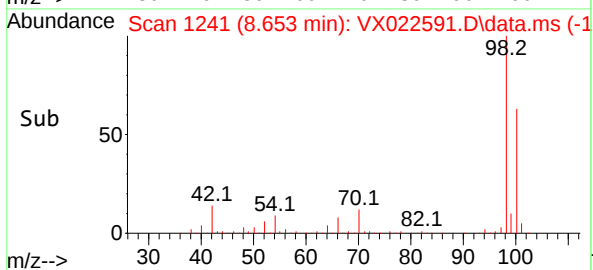
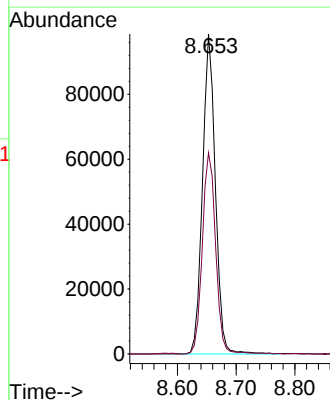
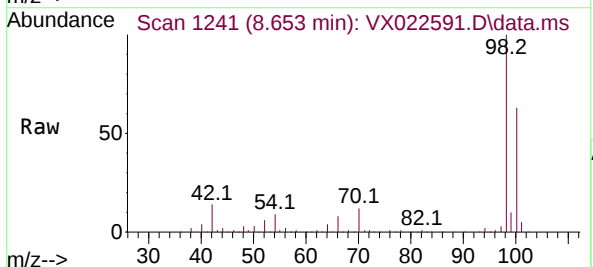
Acq: 09 Jun 2021 02:42

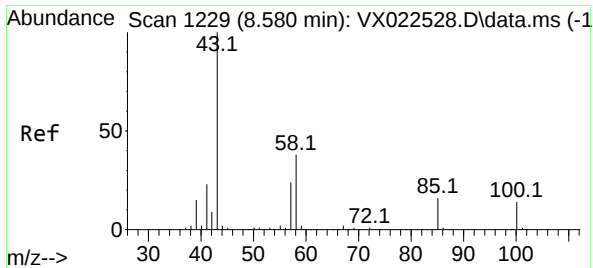
Tgt Ion: 98 Resp: 149726

Ion Ratio Lower Upper

98 100

100 65.1 51.9 77.9

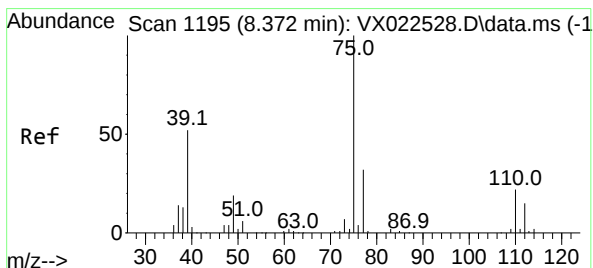
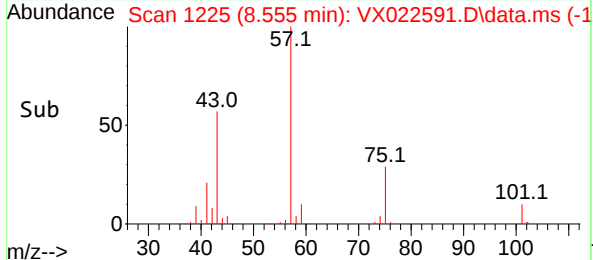
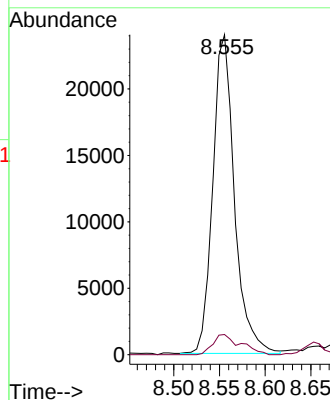
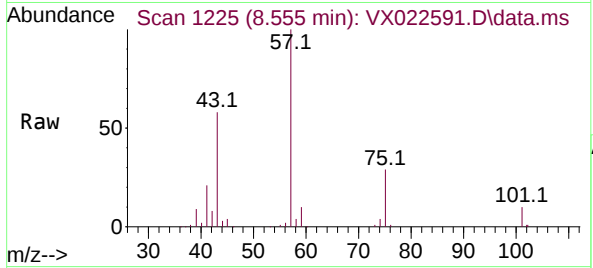




#51
4-Methyl-2-Pentanone
Concen: 26.362 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022591.D
Acq: 09 Jun 2021 02:42

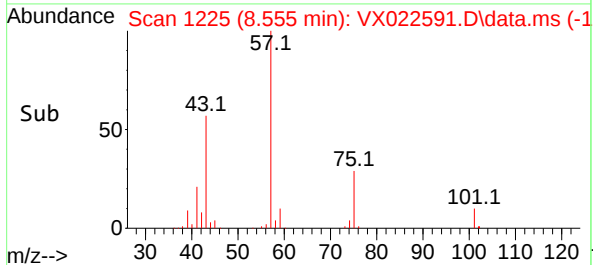
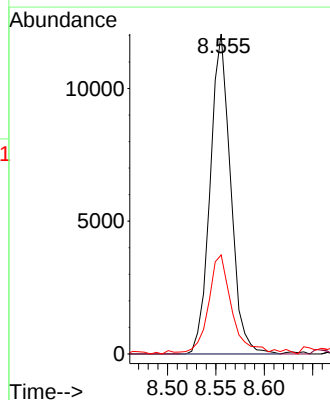
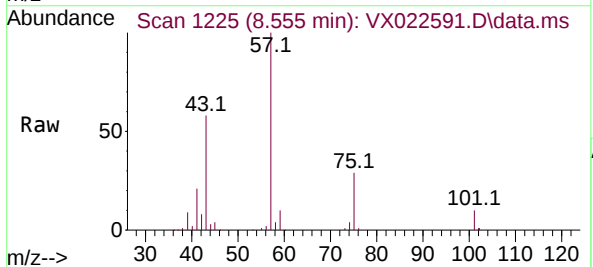
Instrument :
MSVOA_X
ClientSampled :

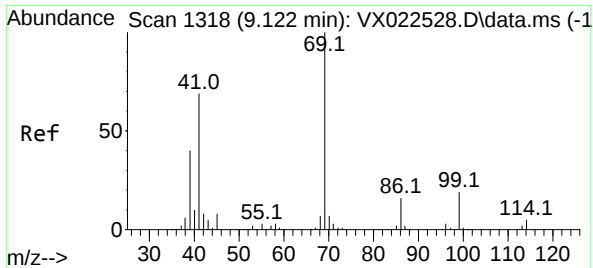
Tgt Ion: 43 Resp: 39422
Ion Ratio Lower Upper
43 100
58 8.1 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 13.284 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX022591.D
Acq: 09 Jun 2021 02:42

Tgt Ion: 75 Resp: 17752
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 30.4 35.1 52.7#

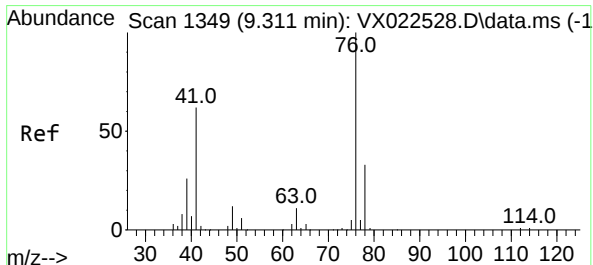
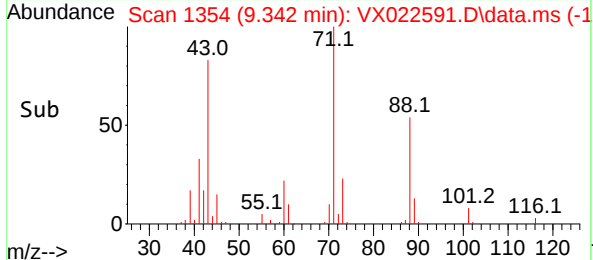
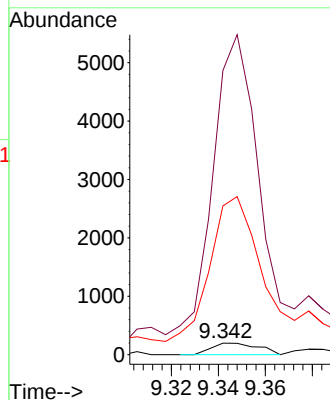
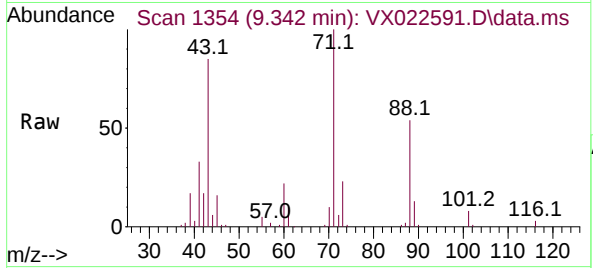




#56
Ethyl methacrylate
Concen: 2.862 ug/l
RT: 9.342 min Scan# 1354
Delta R.T. 0.220 min
Lab File: VX022591.D
Acq: 09 Jun 2021 02:42

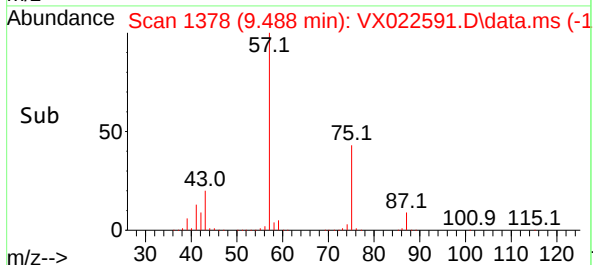
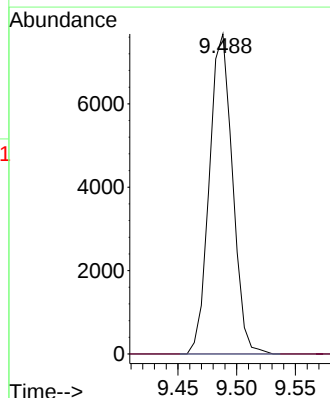
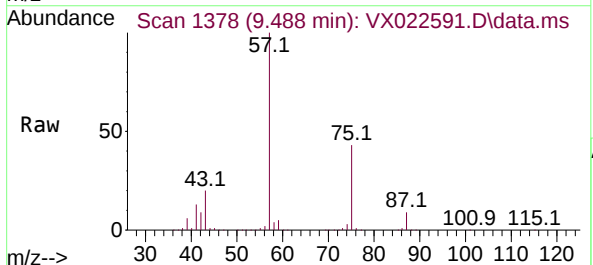
Instrument :
MSVOA_X
ClientSampleId :

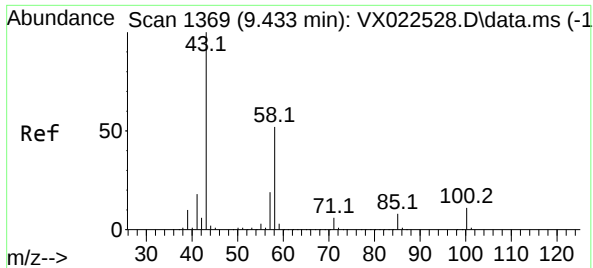
Tgt Ion: 69 Resp: 275
Ion Ratio Lower Upper
69 100
41 3158.2 46.8 70.2#
39 1489.8 24.7 37.1#



#57
1,3-Dichloropropane
Concen: 6.693 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022591.D
Acq: 09 Jun 2021 02:42

Tgt Ion: 76 Resp: 10542
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

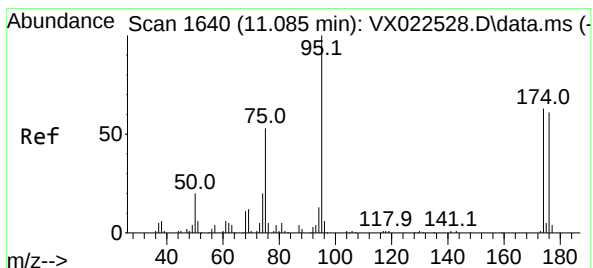
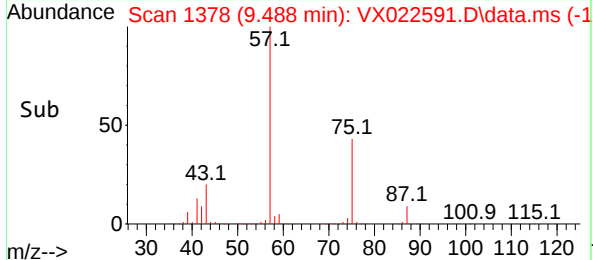
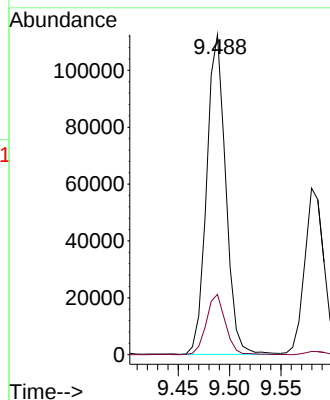
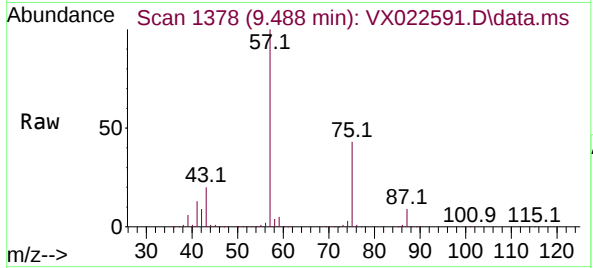




#59
2-Hexanone
Concen: 127.114 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022591.D
Acq: 09 Jun 2021 02:42

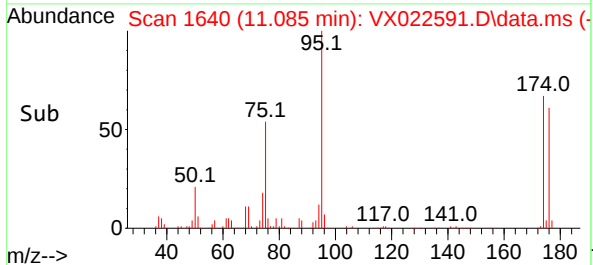
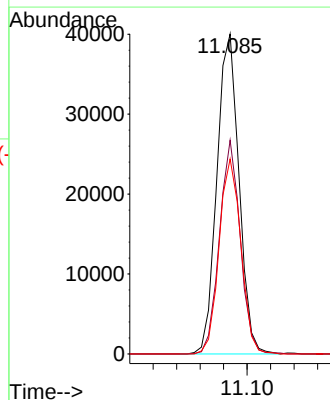
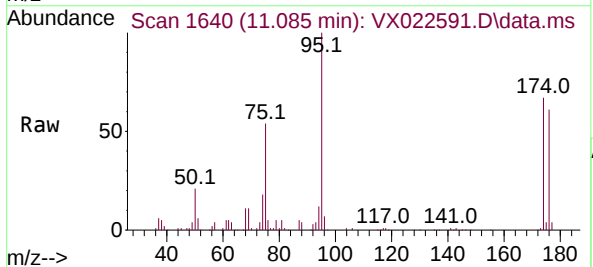
Instrument :
MSVOA_X
ClientSampled :

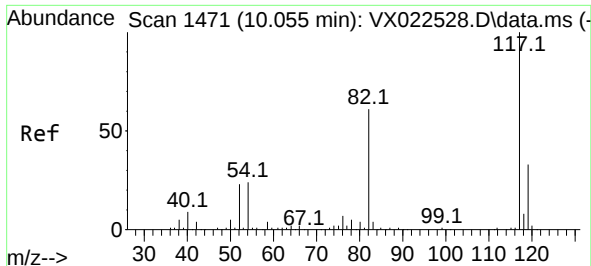
Tgt Ion: 43 Resp: 145216
Ion Ratio Lower Upper
43 100
58 19.0 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 47.245 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022591.D
Acq: 09 Jun 2021 02:42

Tgt Ion: 95 Resp: 52282
Ion Ratio Lower Upper
95 100
174 62.8 0.0 154.6
176 60.0 0.0 155.8

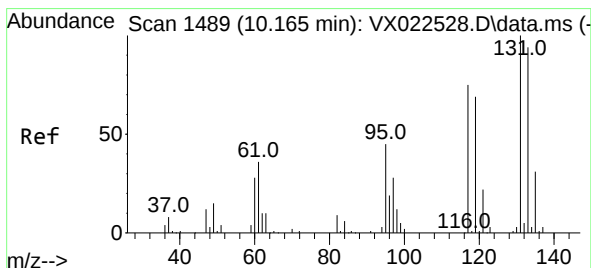
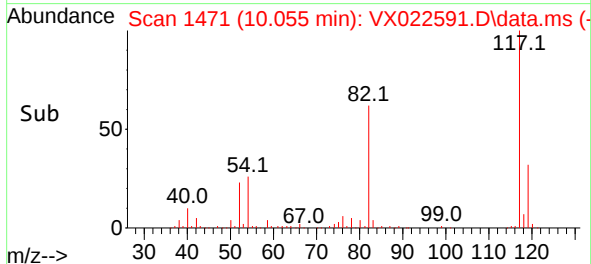
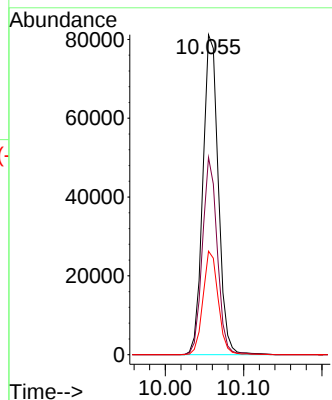
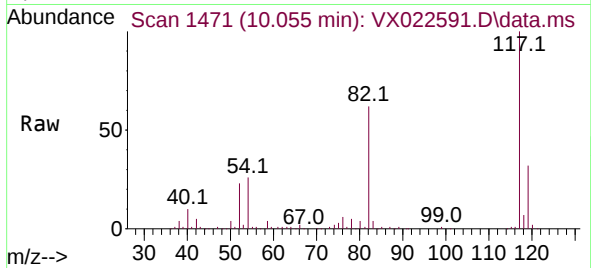




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022591.D
Acq: 09 Jun 2021 02:42

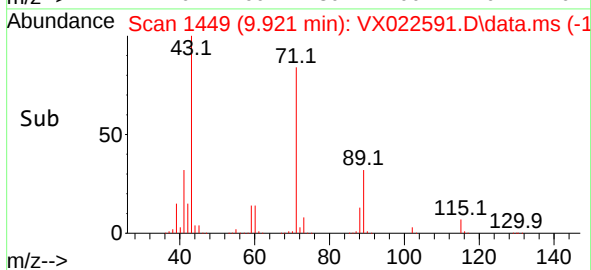
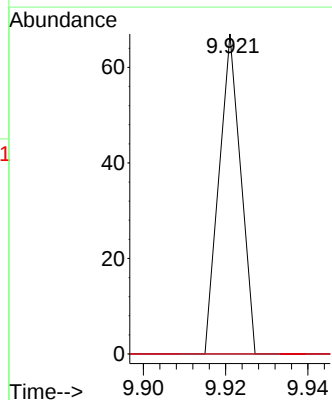
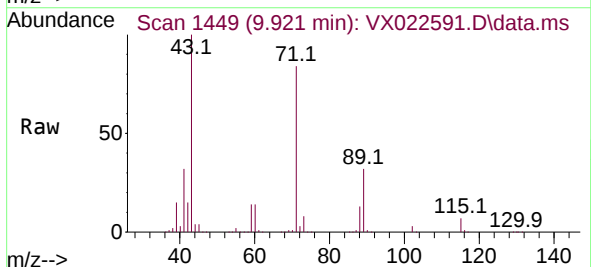
Instrument :
MSVOA_X
ClientSampled :

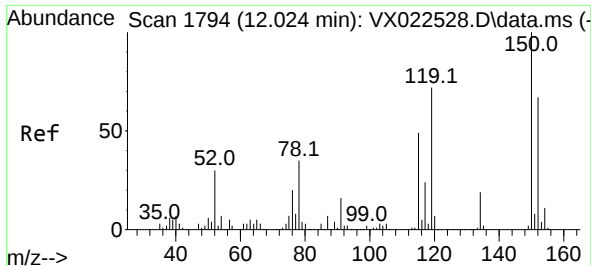
Tgt Ion:117 Resp: 110916
Ion Ratio Lower Upper
117 100
82 61.6 47.4 71.2
119 32.4 26.6 39.8



#66
1,1,1,2-Tetrachloroethane
Concen: 1.682 ug/l
RT: 9.921 min Scan# 1449
Delta R.T. -0.244 min
Lab File: VX022591.D
Acq: 09 Jun 2021 02:42

Tgt Ion:131 Resp: 25
Ion Ratio Lower Upper
131 100
133 0.0 47.7 143.1#
119 0.0 32.1 96.5#

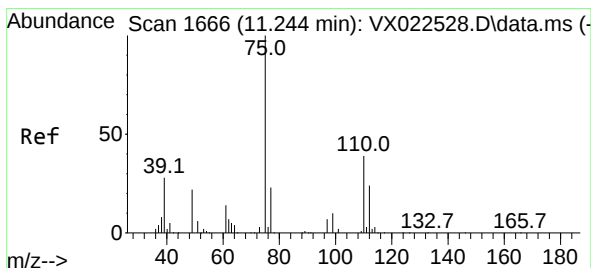
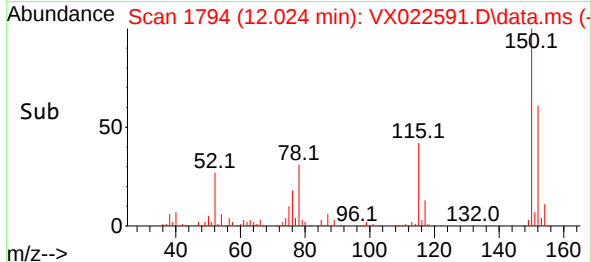
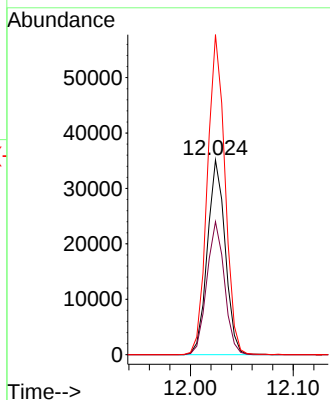
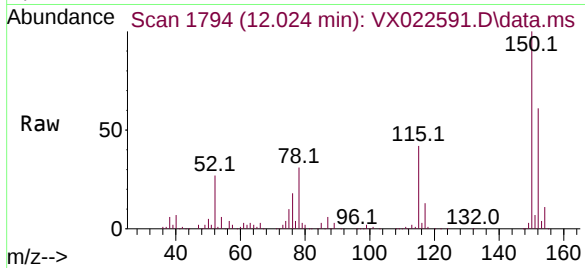




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022591.D
Acq: 09 Jun 2021 02:42

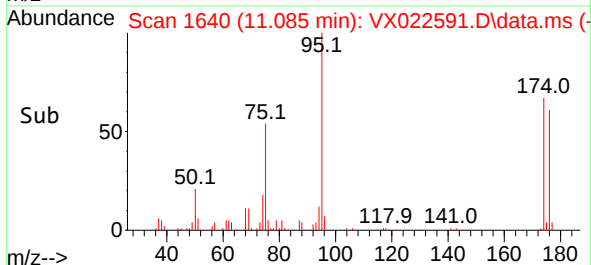
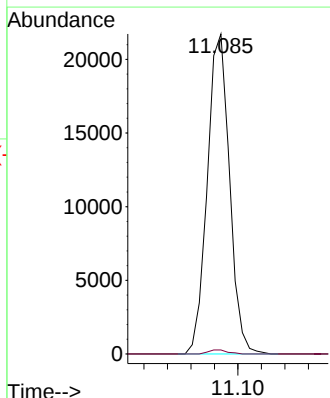
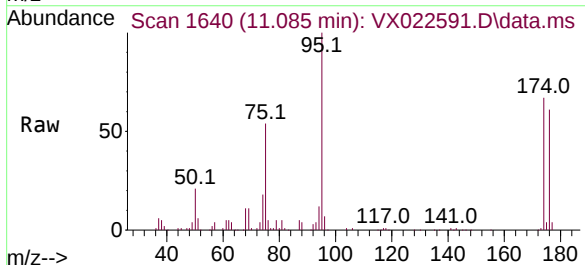
Instrument :
MSVOA_X
ClientSampleId :

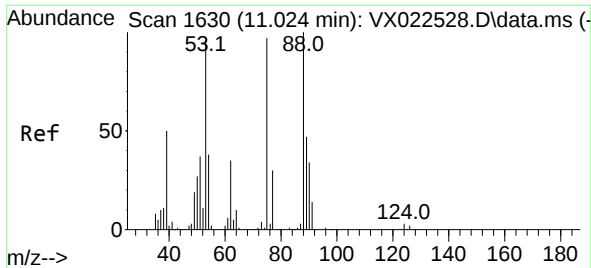
Tgt Ion:152 Resp: 42207
Ion Ratio Lower Upper
152 100
115 67.8 41.1 123.3
150 162.9 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 26.061 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022591.D
Acq: 09 Jun 2021 02:42

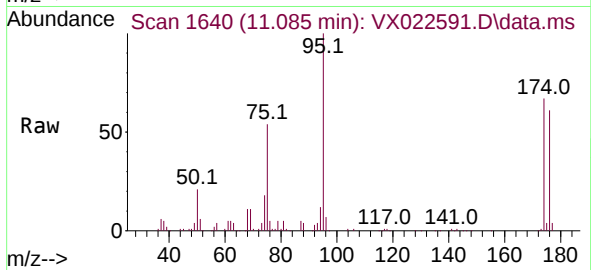
Tgt Ion: 75 Resp: 28496
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.245 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX022591.D
 Acq: 09 Jun 2021 02:42

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 28496
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

