

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060821\
 Data File : VX022559.D
 Acq On : 08 Jun 2021 13:25
 Operator : JC/MD
 Sample : PB136857TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 09 03:59:34 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

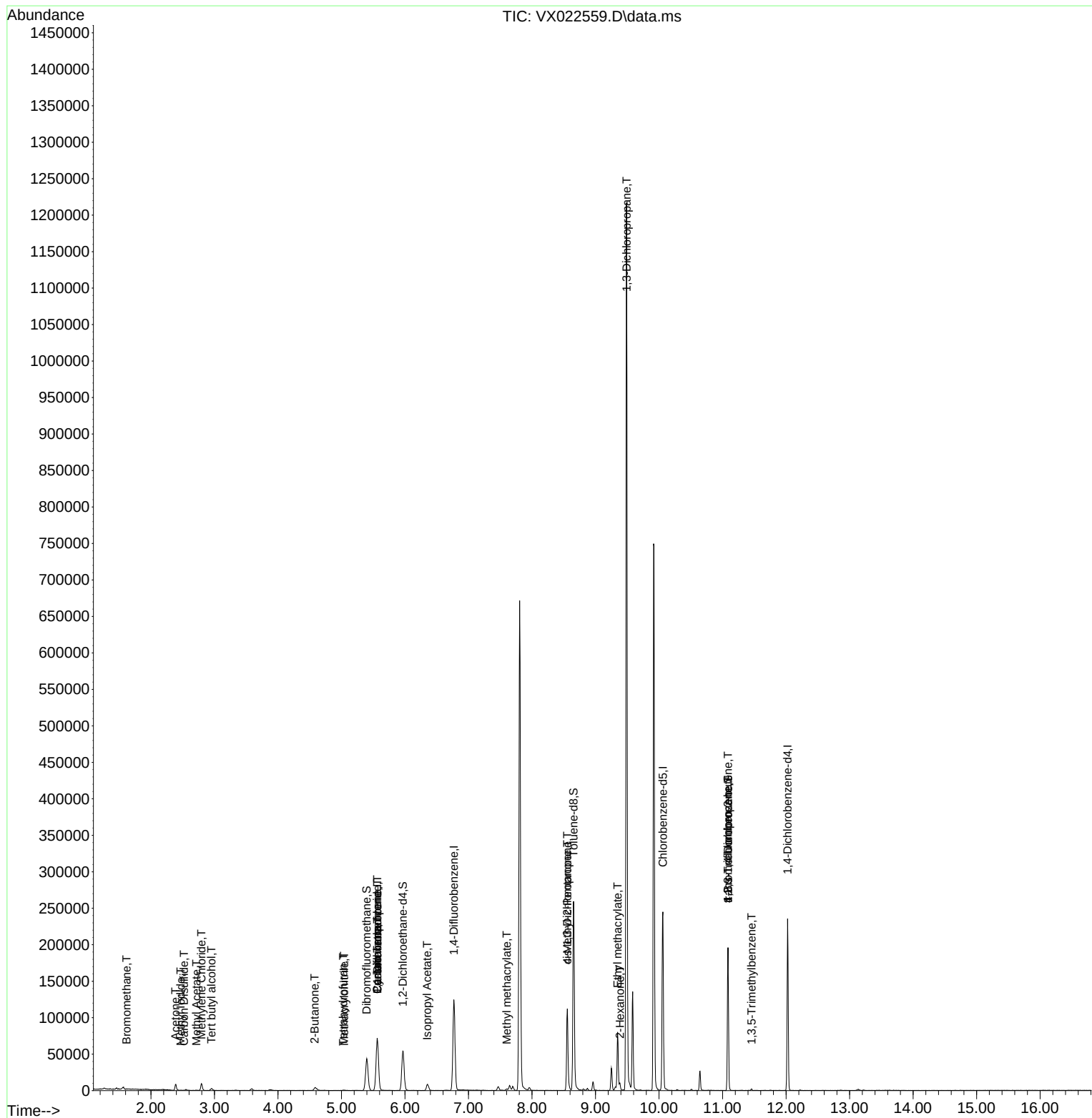
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	59446	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	121797	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	108474	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	42432	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	50061	47.371	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.740%
35) Dibromofluoromethane	5.397	113	36979	48.526	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.060%
50) Toluene-d8	8.653	98	150986	49.657	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.320%
62) 4-Bromofluorobenzene	11.085	95	51813	45.845	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.700%
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	167	0.389	ug/l	# 67
10) Methyl Iodide	2.465	142	184	0.214	ug/l	# 88
11) Tert butyl alcohol	2.952	59	1763	7.438	ug/l	# 73
16) Acetone	2.385	43	9070	19.100	ug/l	# 86
17) Carbon Disulfide	2.520	76	176	3.471	ug/l	# 75
18) Methyl Acetate	2.715	43	560	0.428	ug/l	# 47
20) Methylene Chloride	2.794	84	3798	3.831	ug/l	# 78
25) 2-Butanone	4.574	43	1812	2.309	ug/l	# 85
29) Tetrahydrofuran	5.025	42	526	1.142	ug/l	# 36
31) Cyclohexane	5.562	56	1731	1.385	ug/l	# 11
36) 1,1-Dichloropropene	5.562	75	6171	5.237	ug/l	# 48
38) Carbon Tetrachloride	5.562	117	6859	8.090	ug/l	# 17
41) Methacrylonitrile	5.043	41	229	0.275	ug/l	# 32
43) Isopropyl Acetate	6.348	43	11361	4.634	ug/l	# 94
48) Methyl methacrylate	7.604	41	3350	2.937	ug/l	# 10
51) 4-Methyl-2-Pentanone	8.555	43	41224	26.992	ug/l	# 45
54) cis-1,3-Dichloropropene	8.555	75	17493	12.908	ug/l	# 64
56) Ethyl methacrylate	9.348	69	334	2.892	ug/l	# 1
57) 1,3-Dichloropropane	9.488	76	10668	6.632	ug/l	# 42
59) 2-Hexanone	9.384	43	5221	4.475	ug/l	# 19
76) 1,2,3-Trichloropropane	11.085	75	28743	26.148	ug/l	# 39
80) 1,3,5-Trimethylbenzene	11.457	105	935	0.316	ug/l	# 88
81) trans-1,4-Dichloro-2-b...	11.085	75	28743	64.439	ug/l	# 12

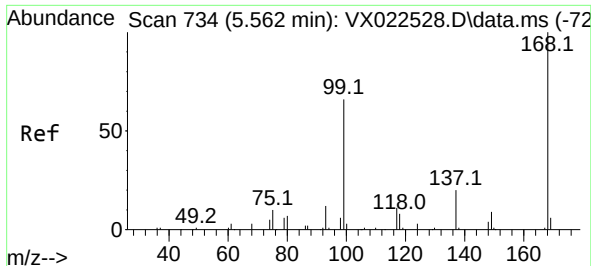
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060821\
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Sample : PB136857TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

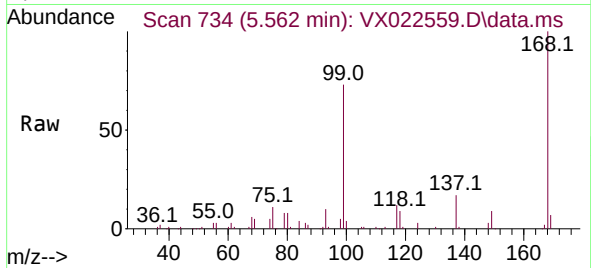
Quant Time: Jun 09 03:59:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 07 14:27:50 2021
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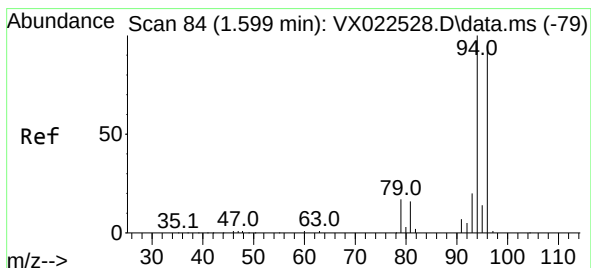
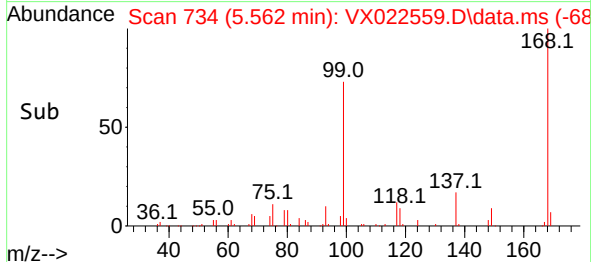
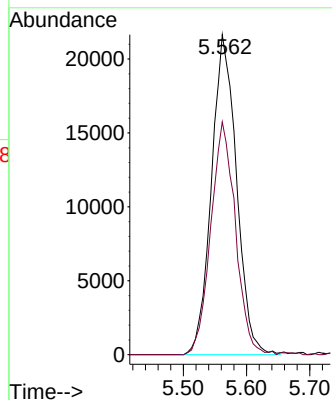


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022559.D
Acq: 08 Jun 2021 13:25

Instrument :
MSVOA_X
ClientSampled :

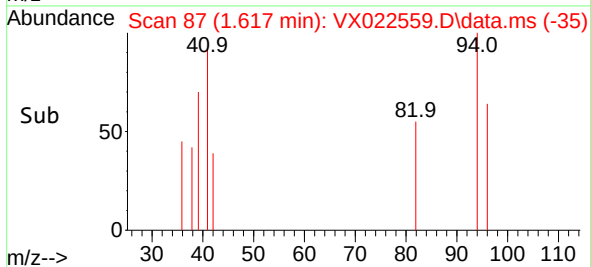
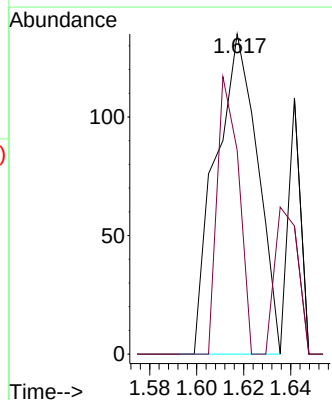
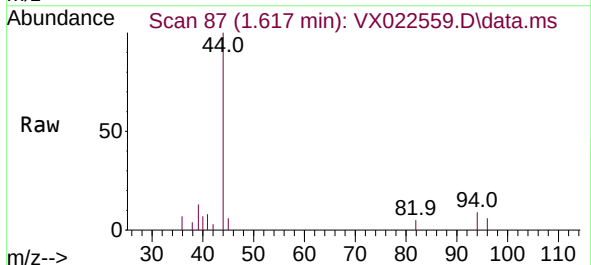


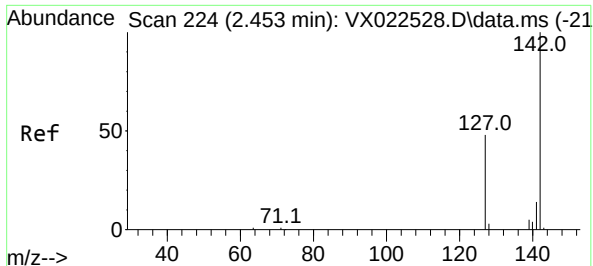
Tgt Ion:168 Resp: 59446
Ion Ratio Lower Upper
168 100
99 72.7 45.8 68.6#



#5
Bromomethane
Concen: 0.389 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX022559.D
Acq: 08 Jun 2021 13:25

Tgt Ion: 94 Resp: 167
Ion Ratio Lower Upper
94 100
96 63.7 76.4 114.6#





#10

Methyl Iodide

Concen: 0.214 ug/l

RT: 2.465 min Scan# 226

Delta R.T. 0.012 min

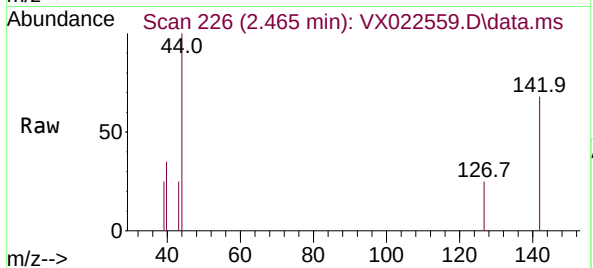
Lab File: VX022559.D

Acq: 08 Jun 2021 13:25

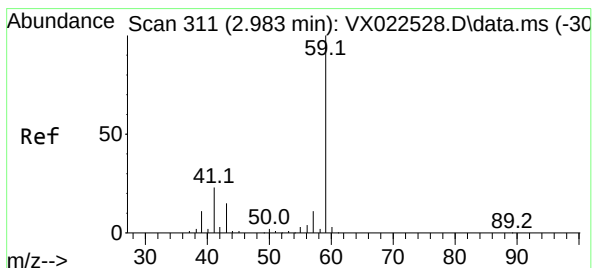
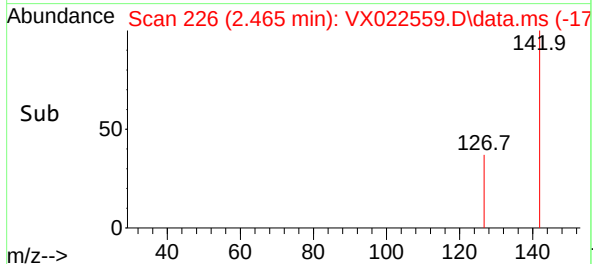
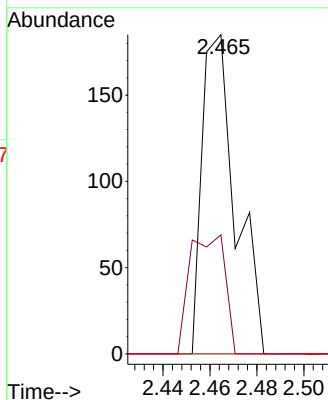
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	142	Resp:	184
Ion	Ratio	Lower	Upper
142	100		
127	39.1	33.3	49.9
141	0.0	11.4	17.0#



#11

Tert butyl alcohol

Concen: 7.438 ug/l

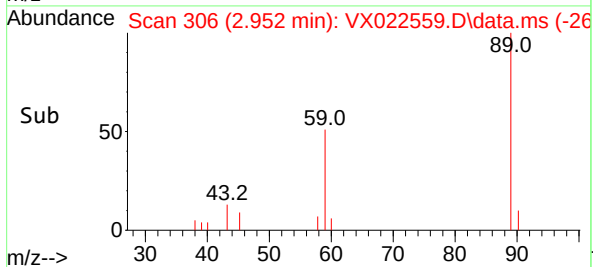
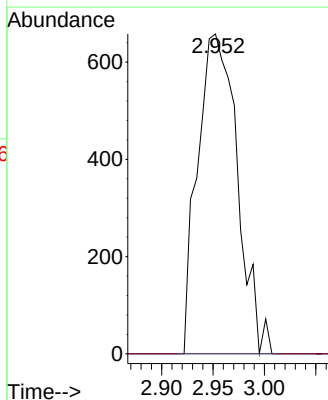
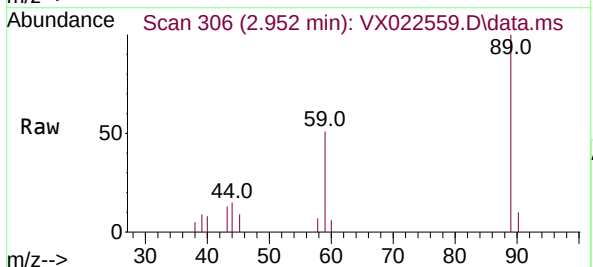
RT: 2.952 min Scan# 306

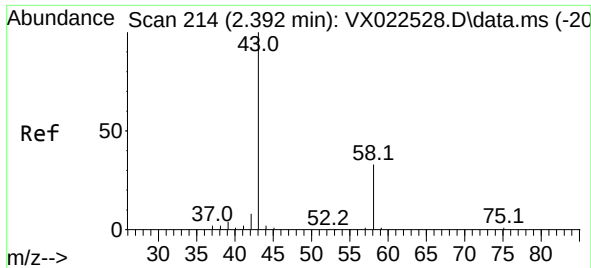
Delta R.T. -0.031 min

Lab File: VX022559.D

Acq: 08 Jun 2021 13:25

Tgt Ion:	59	Resp:	1763
Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#

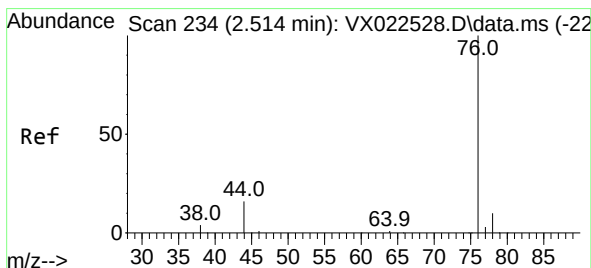
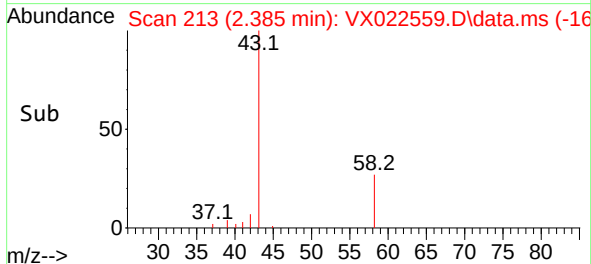
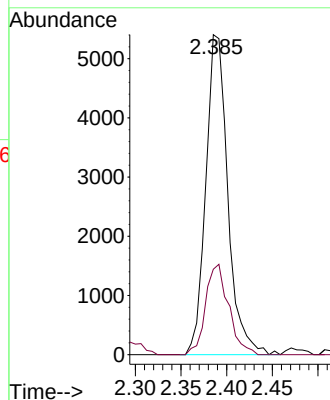
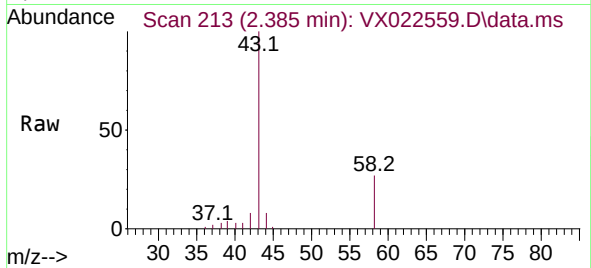




#16
Acetone
Concen: 19.100 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.007 min
Lab File: VX022559.D
Acq: 08 Jun 2021 13:25

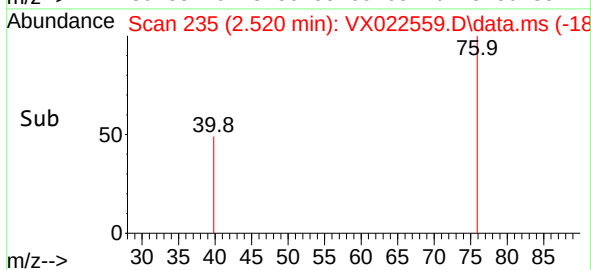
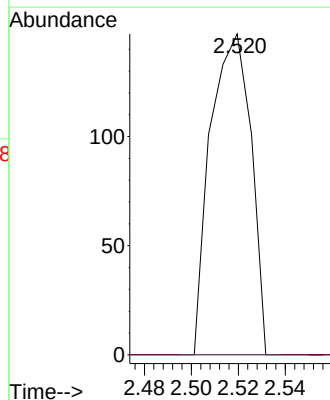
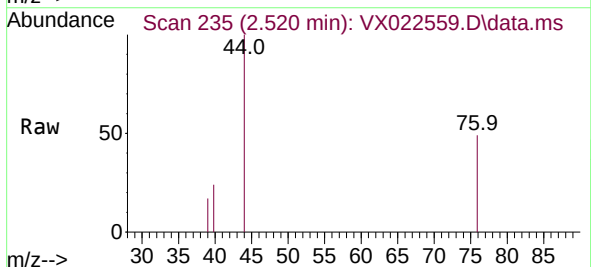
Instrument :
MSVOA_X
ClientSampleId :

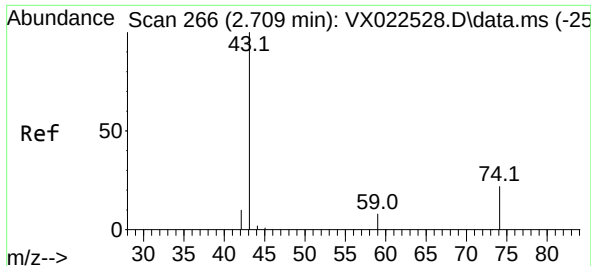
Tgt Ion: 43 Resp: 9070
Ion Ratio Lower Upper
43 100
58 26.7 27.8 41.8#



#17
Carbon Disulfide
Concen: 3.471 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX022559.D
Acq: 08 Jun 2021 13:25

Tgt Ion: 76 Resp: 176
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#18

Methyl Acetate

Concen: 0.428 ug/l

RT: 2.715 min Scan# 267

Delta R.T. 0.006 min

Lab File: VX022559.D

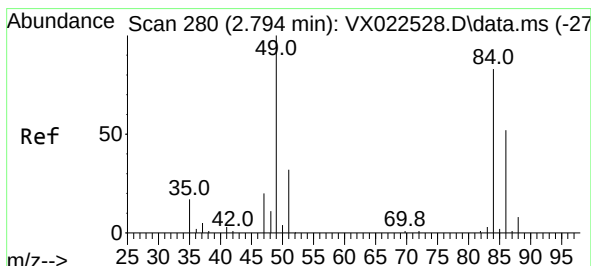
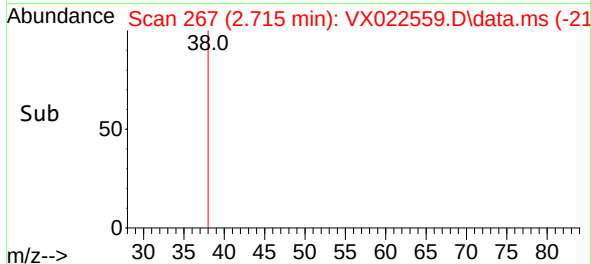
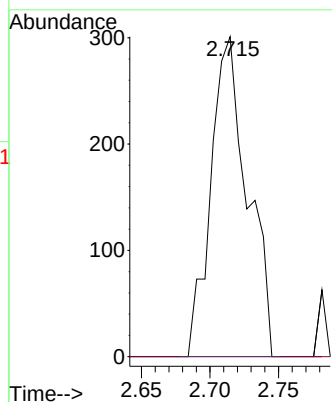
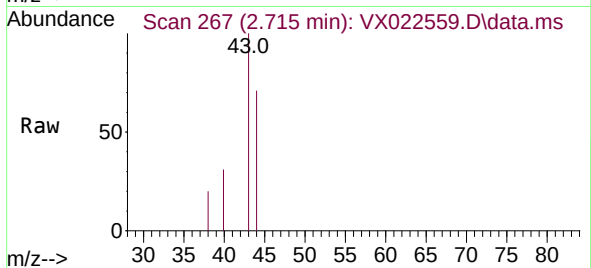
Acq: 08 Jun 2021 13:25

Tgt Ion: 43 Resp: 560

Ion Ratio Lower Upper

43 100

74 0.0 21.9 32.9#



#20

Methylene Chloride

Concen: 3.831 ug/l

RT: 2.794 min Scan# 280

Delta R.T. -0.000 min

Lab File: VX022559.D

Acq: 08 Jun 2021 13:25

Tgt Ion: 84 Resp: 3798

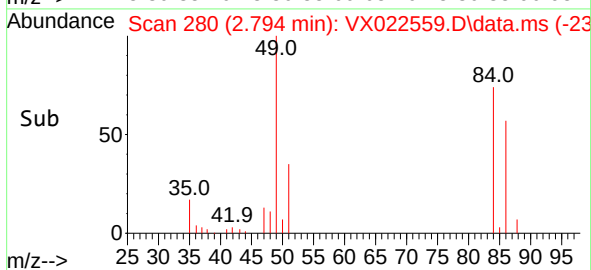
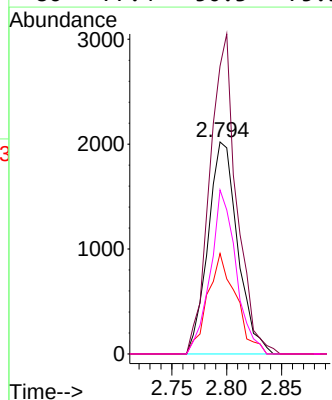
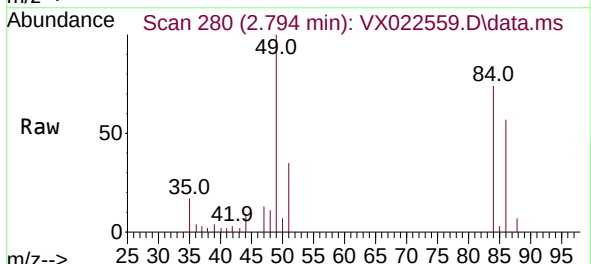
Ion Ratio Lower Upper

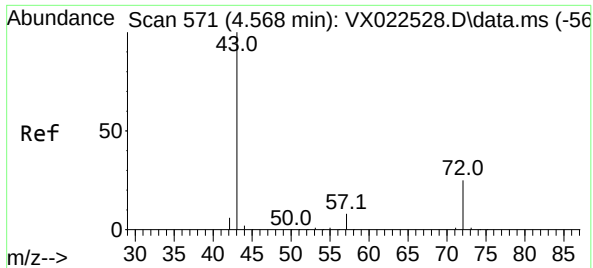
84 100

49 135.8 88.6 132.8#

51 47.4 27.0 40.6#

86 77.4 50.3 75.5#

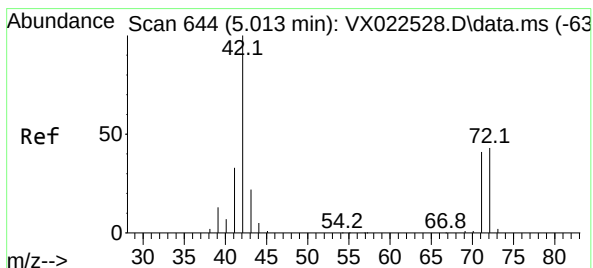
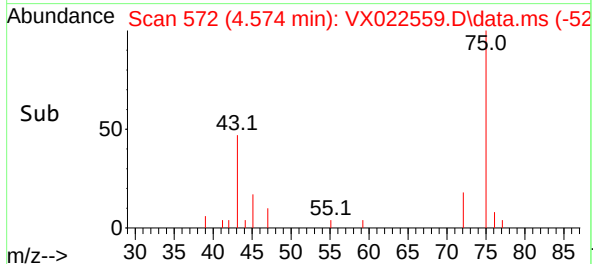
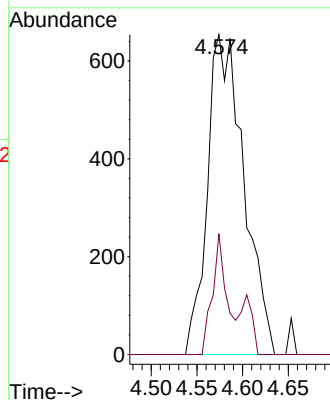
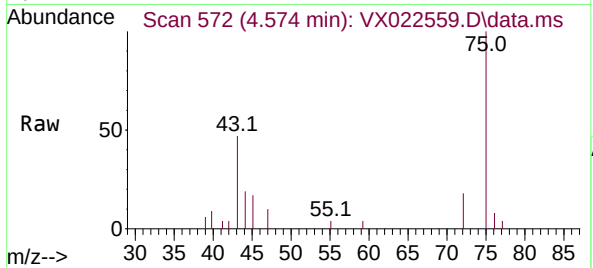




#25
2-Butanone
Concen: 2.309 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX022559.D
Acq: 08 Jun 2021 13:25

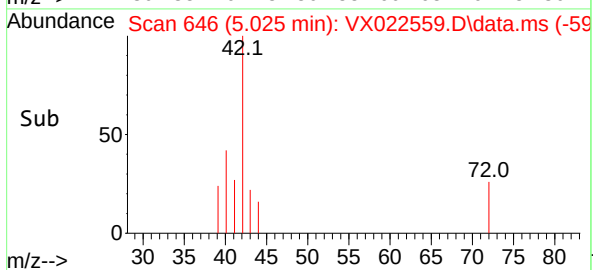
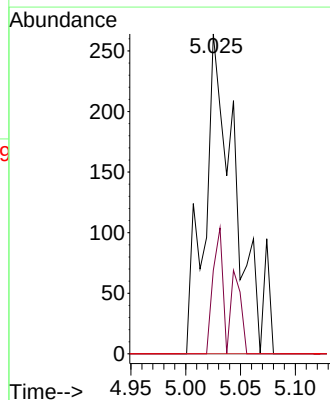
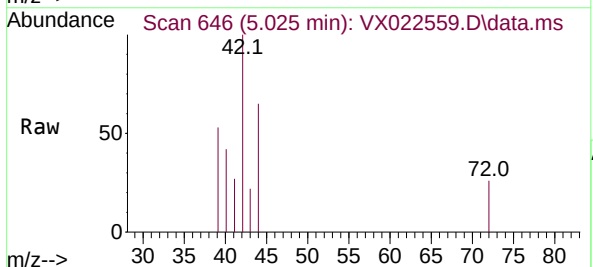
Instrument :
MSVOA_X
ClientSampled :

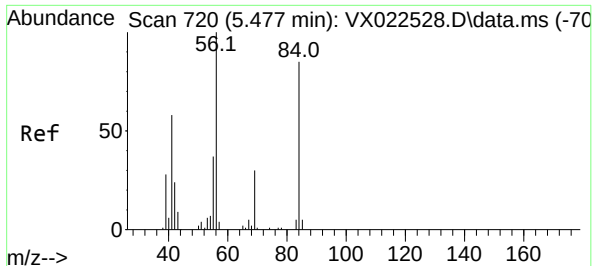
Tgt Ion: 43 Resp: 1812
Ion Ratio Lower Upper
43 100
72 37.8 23.7 35.5#



#29
Tetrahydrofuran
Concen: 1.142 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.012 min
Lab File: VX022559.D
Acq: 08 Jun 2021 13:25

Tgt Ion: 42 Resp: 526
Ion Ratio Lower Upper
42 100
72 12.0 41.7 62.5#
71 0.0 38.4 57.6#

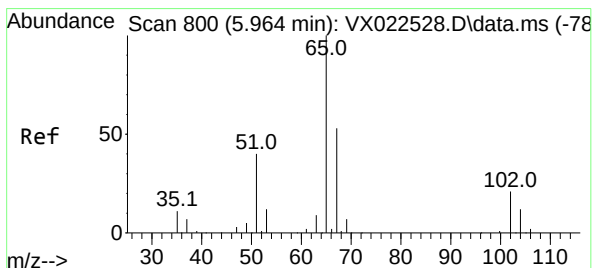
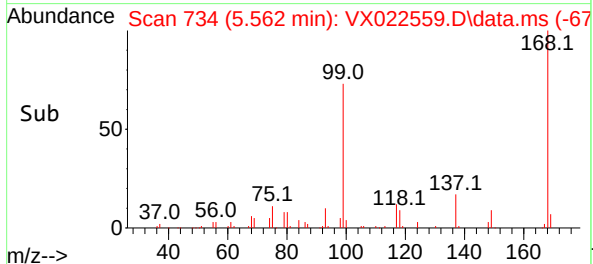
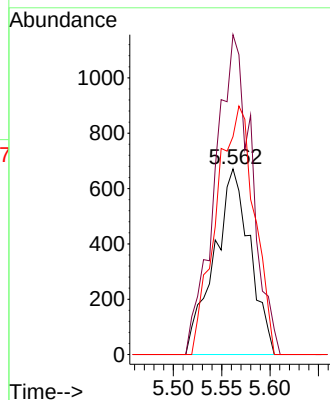
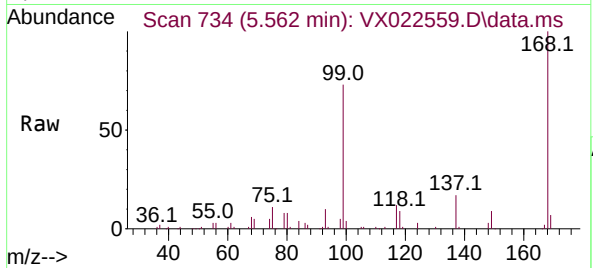




#31
Cyclohexane
Concen: 1.385 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX022559.D
Acq: 08 Jun 2021 13:25

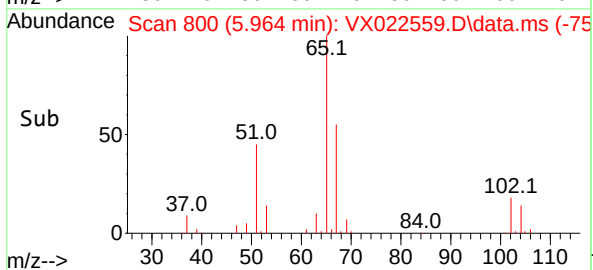
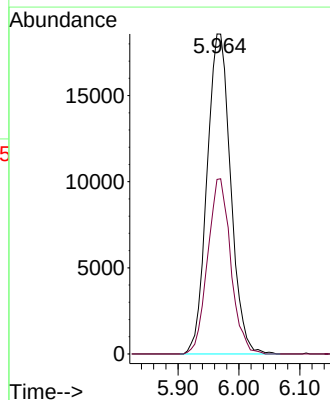
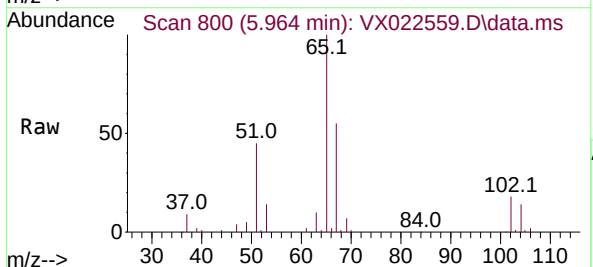
Instrument :
MSVOA_X
ClientSampled :

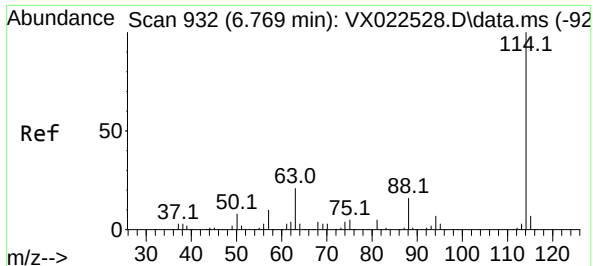
Tgt Ion: 56 Resp: 1731
Ion Ratio Lower Upper
56 100
69 172.3 25.3 37.9#
84 117.4 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 47.371 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022559.D
Acq: 08 Jun 2021 13:25

Tgt Ion: 65 Resp: 50061
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.4

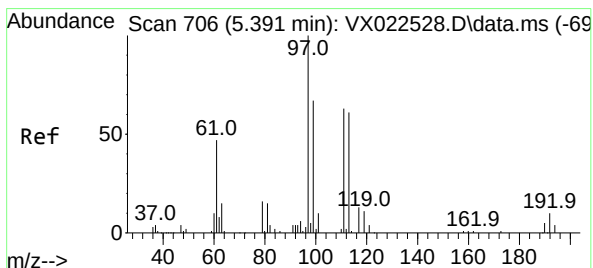
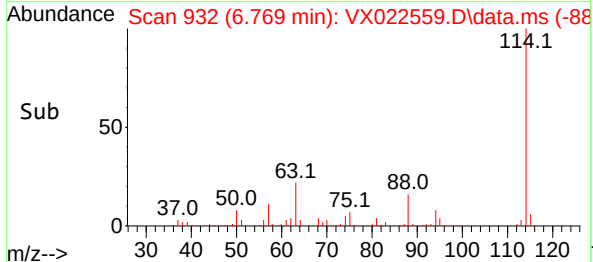
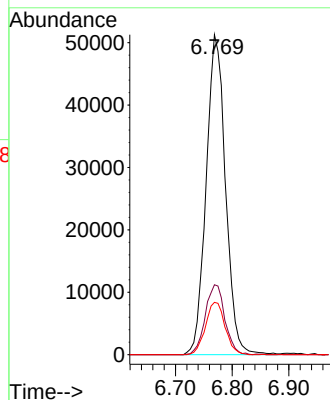
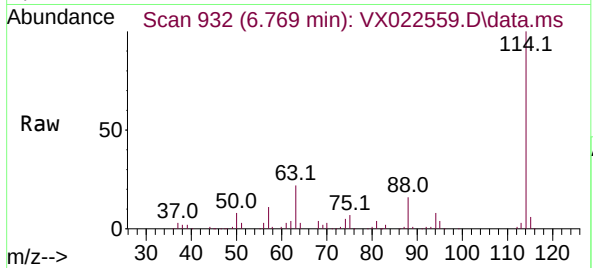




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022559.D
Acq: 08 Jun 2021 13:25

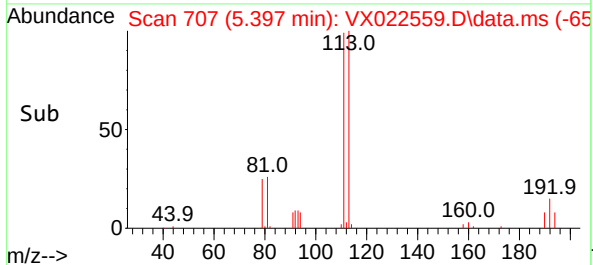
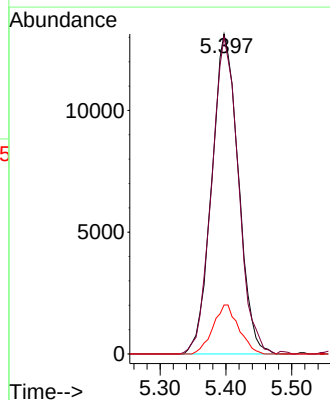
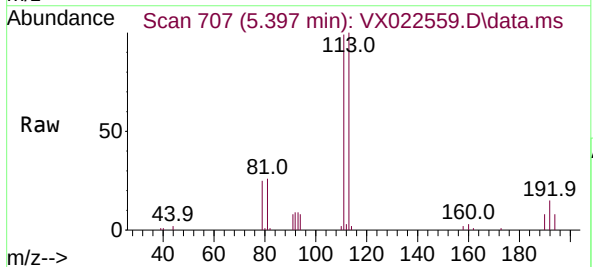
Instrument :
MSVOA_X
ClientSampleId :

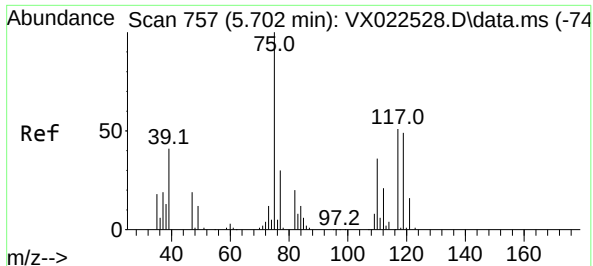
Tgt Ion:114 Resp: 121797
Ion Ratio Lower Upper
114 100
63 21.9 0.0 40.8
88 16.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.526 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022559.D
Acq: 08 Jun 2021 13:25

Tgt Ion:113 Resp: 36979
Ion Ratio Lower Upper
113 100
111 99.4 81.9 122.9
192 14.8 16.7 25.1#

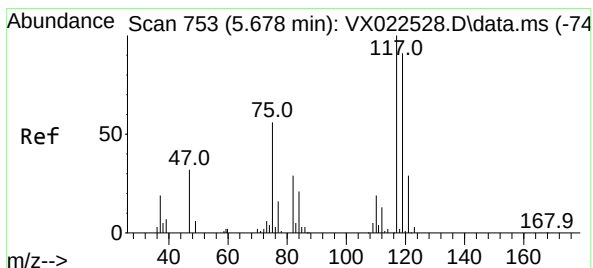
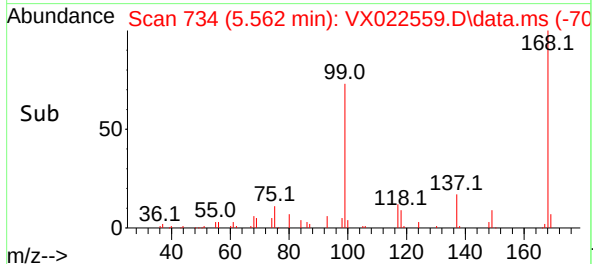
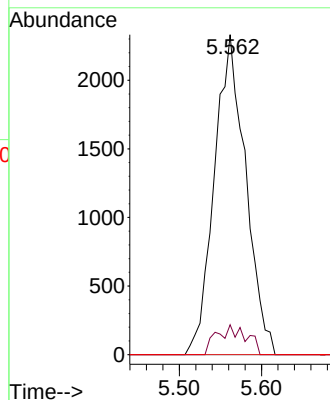
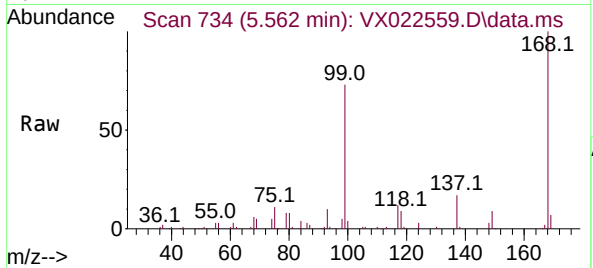




#36
1,1-Dichloropropene
Concen: 5.237 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022559.D
Acq: 08 Jun 2021 13:25

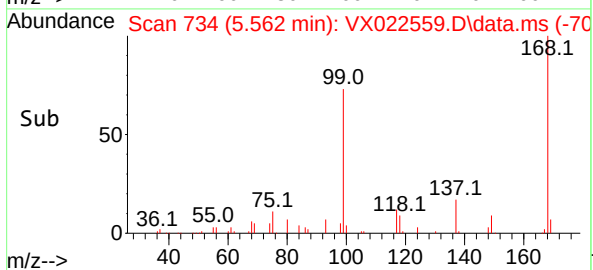
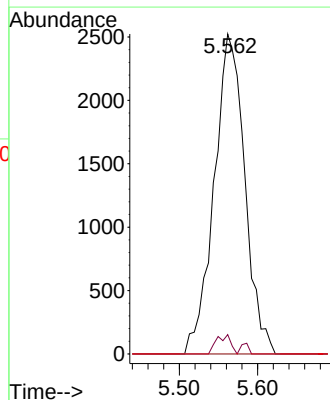
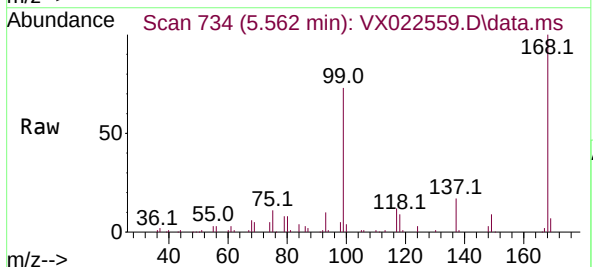
Instrument :
MSVOA_X
ClientSampled :

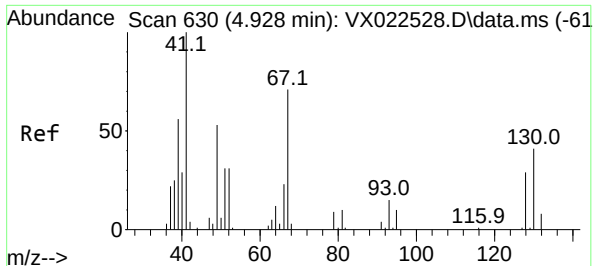
Tgt Ion: 75 Resp: 6171
Ion Ratio Lower Upper
75 100
110 8.7 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 8.090 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX022559.D
Acq: 08 Jun 2021 13:25

Tgt Ion: 117 Resp: 6859
Ion Ratio Lower Upper
117 100
119 6.0 76.2 114.2#
121 0.0 24.8 37.2#

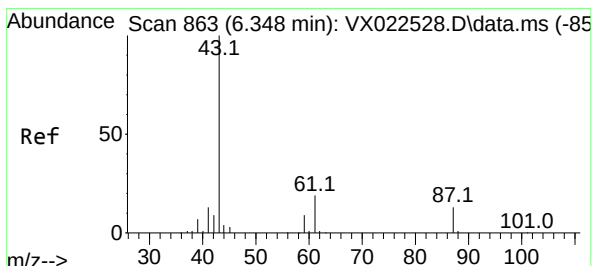
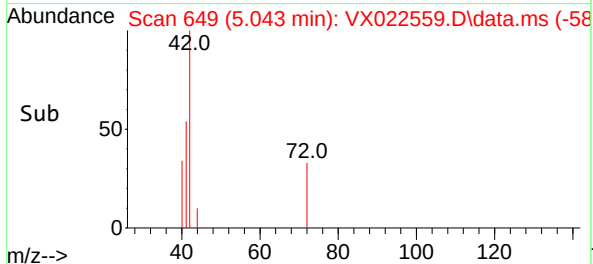
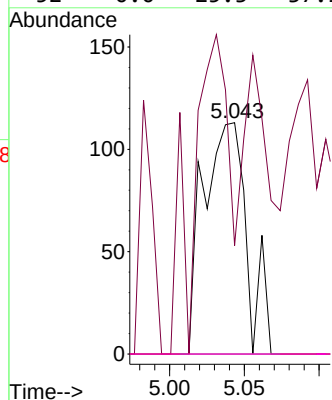
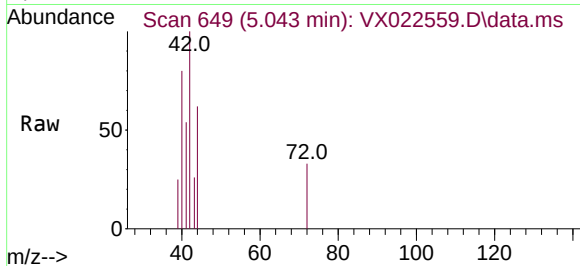




#41
Methacrylonitrile
Concen: 0.275 ug/l
RT: 5.043 min Scan# 649
Delta R.T. 0.115 min
Lab File: VX022559.D
Acq: 08 Jun 2021 13:25

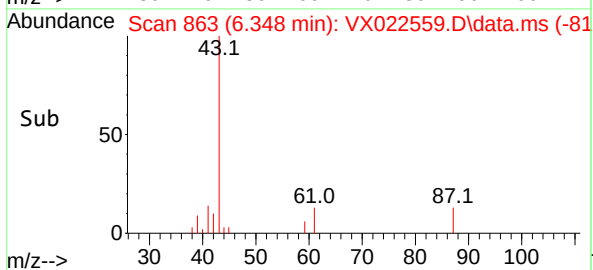
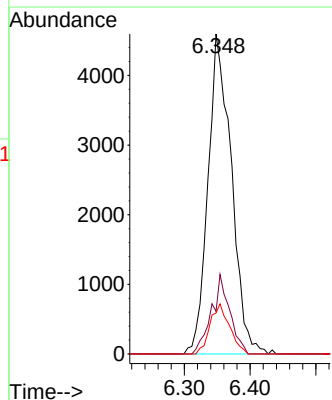
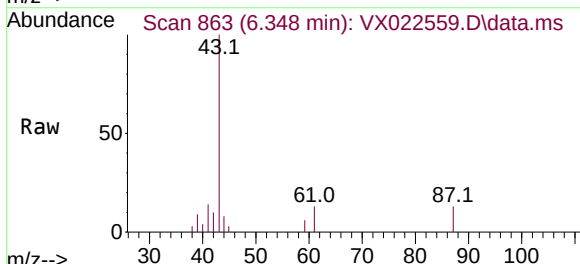
Instrument :
MSVOA_X
ClientSampleId :

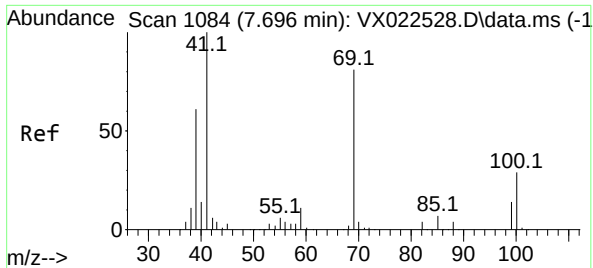
Tgt Ion:	41	Resp:	229
Ion	Ratio	Lower	Upper
41	100		
39	81.7	42.5	63.7#
67	0.0	65.0	97.6#
52	0.0	25.3	37.9#



#43
Isopropyl Acetate
Concen: 4.634 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX022559.D
Acq: 08 Jun 2021 13:25

Tgt Ion:	43	Resp:	11361
Ion	Ratio	Lower	Upper
43	100		
61	19.5	18.2	27.4
87	13.0	12.5	18.7





#48

Methyl methacrylate

Concen: 2.937 ug/l

RT: 7.604 min Scan# 1069

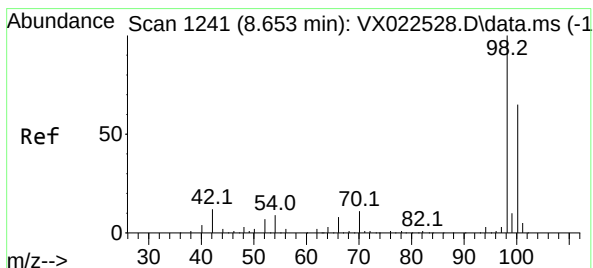
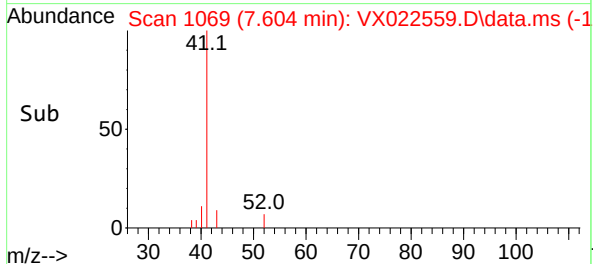
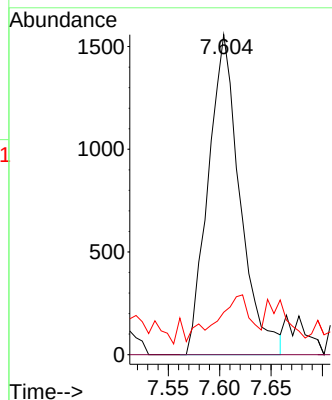
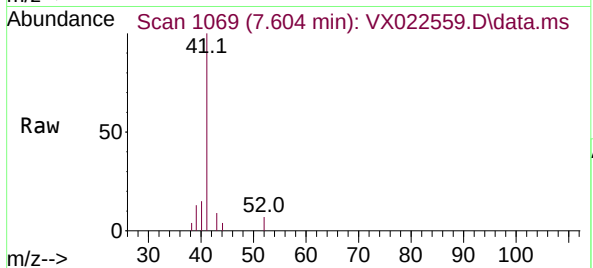
Delta R.T. -0.092 min

Lab File: VX022559.D

Acq: 08 Jun 2021 13:25

Tgt Ion:	41	Resp:	3350
Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.0	114.0#
39	0.0	44.6	67.0#

Instrument :
MSVOA_X
ClientSampleId :



#50

Toluene-d8

Concen: 49.657 ug/l

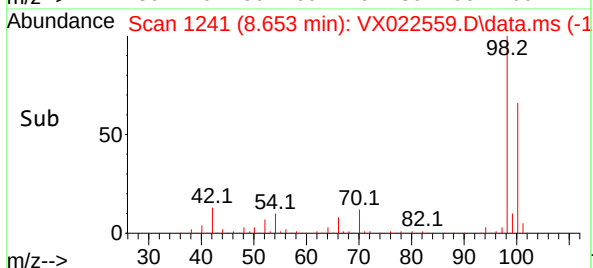
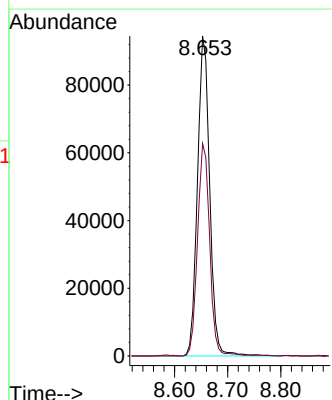
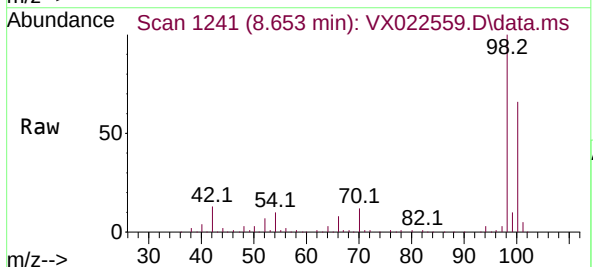
RT: 8.653 min Scan# 1241

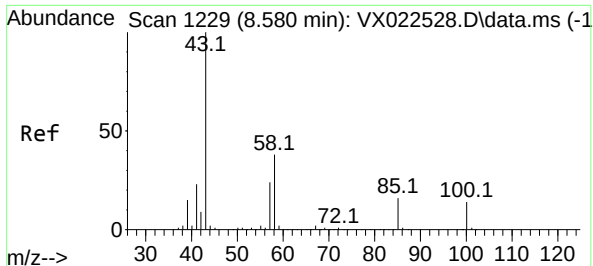
Delta R.T. -0.000 min

Lab File: VX022559.D

Acq: 08 Jun 2021 13:25

Tgt Ion:	98	Resp:	150986
Ion	Ratio	Lower	Upper
98	100		
100	65.9	51.9	77.9

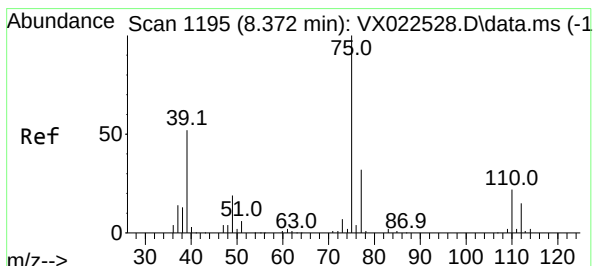
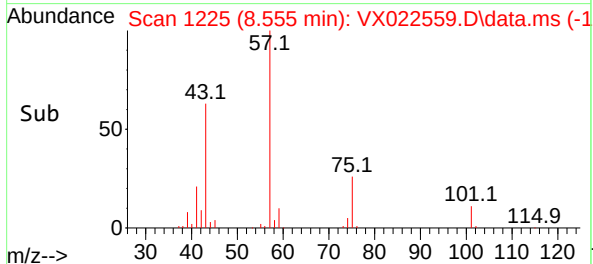
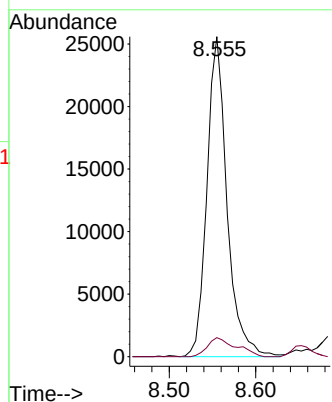
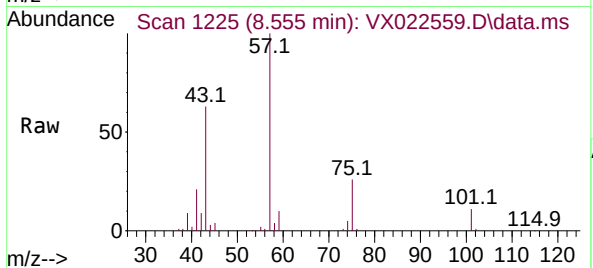




#51
4-Methyl-2-Pentanone
Concen: 26.992 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022559.D
Acq: 08 Jun 2021 13:25

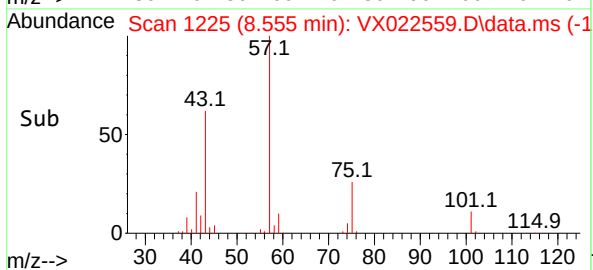
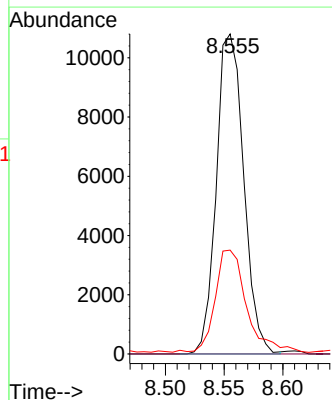
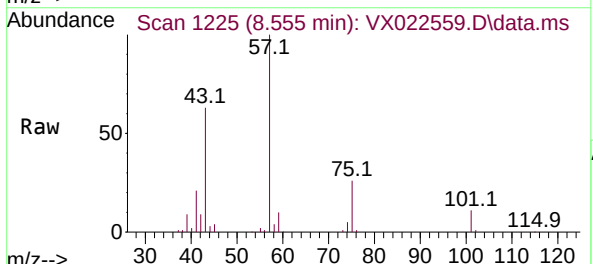
Instrument :
MSVOA_X
ClientSampled :

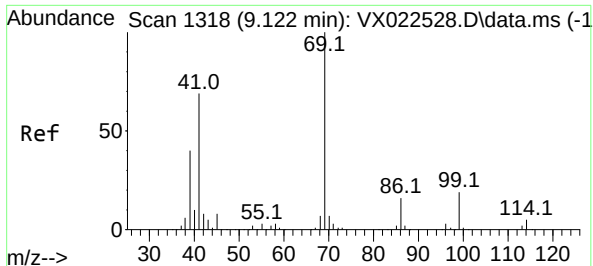
Tgt Ion: 43 Resp: 41224
Ion Ratio Lower Upper
43 100
58 8.5 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 12.908 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX022559.D
Acq: 08 Jun 2021 13:25

Tgt Ion: 75 Resp: 17493
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 31.3 35.1 52.7#

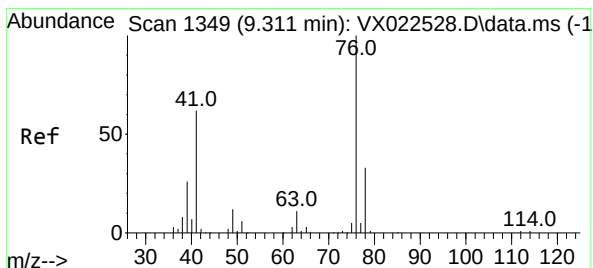
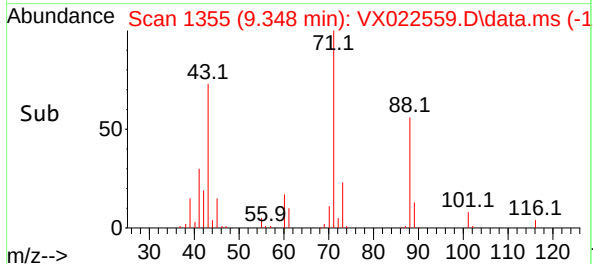
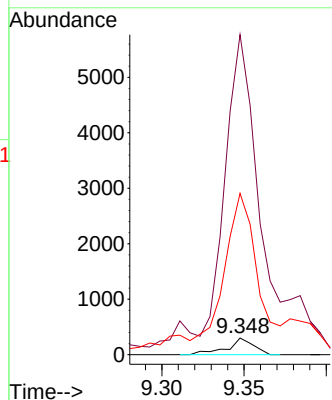
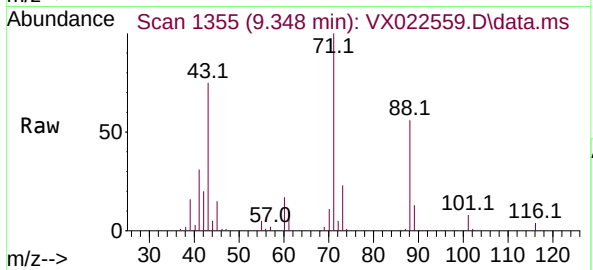




#56
Ethyl methacrylate
Concen: 2.892 ug/l
RT: 9.348 min Scan# 1355
Delta R.T. 0.226 min
Lab File: VX022559.D
Acq: 08 Jun 2021 13:25

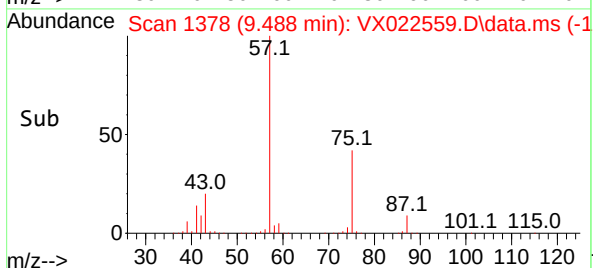
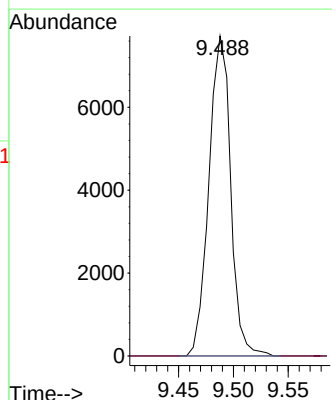
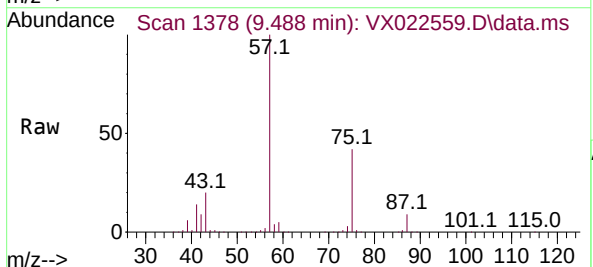
Instrument :
MSVOA_X
ClientSampleId :

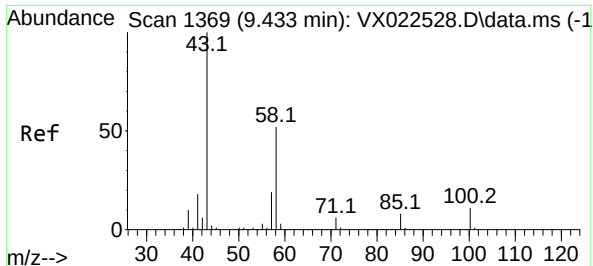
Tgt Ion: 69 Resp: 334
Ion Ratio Lower Upper
69 100
41 2376.3 46.8 70.2#
39 1239.2 24.7 37.1#



#57
1,3-Dichloropropane
Concen: 6.632 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022559.D
Acq: 08 Jun 2021 13:25

Tgt Ion: 76 Resp: 10668
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

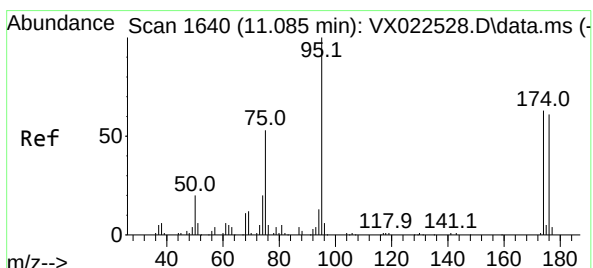
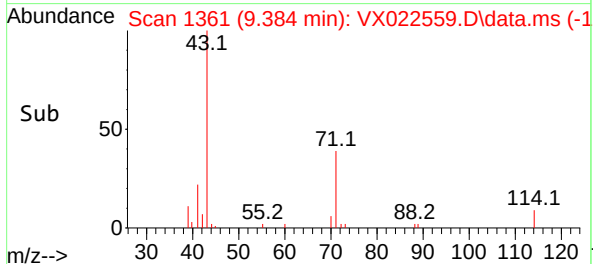
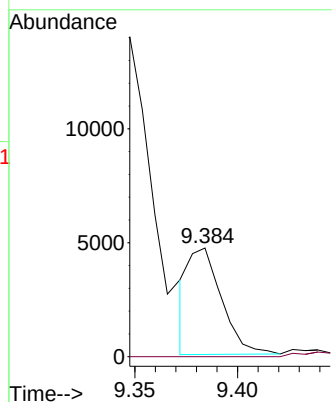
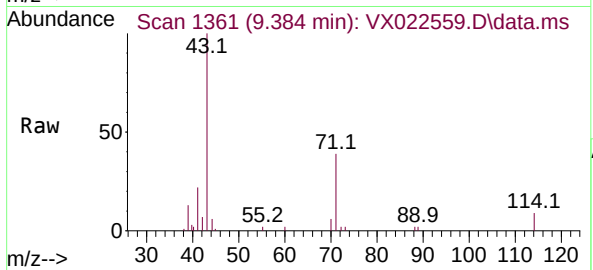




#59
2-Hexanone
Concen: 4.475 ug/l
RT: 9.384 min Scan# 1361
Delta R.T. -0.049 min
Lab File: VX022559.D
Acq: 08 Jun 2021 13:25

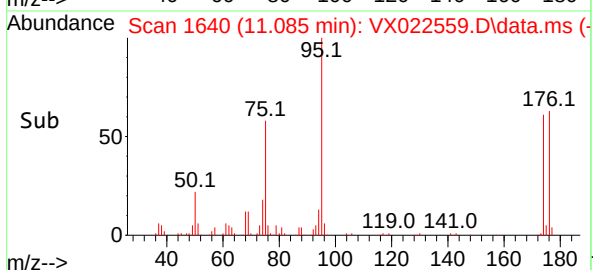
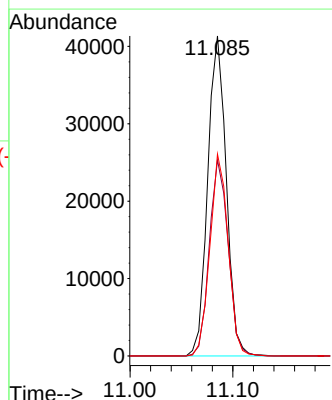
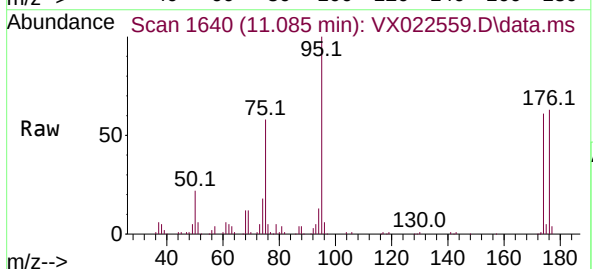
Instrument :
MSVOA_X
ClientSampled :

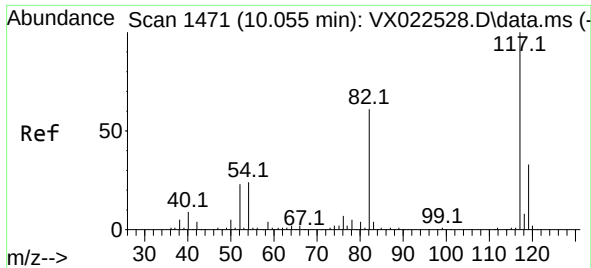
Tgt Ion: 43 Resp: 5221
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 45.845 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022559.D
Acq: 08 Jun 2021 13:25

Tgt Ion: 95 Resp: 51813
Ion Ratio Lower Upper
95 100
174 62.3 0.0 154.6
176 62.1 0.0 155.8

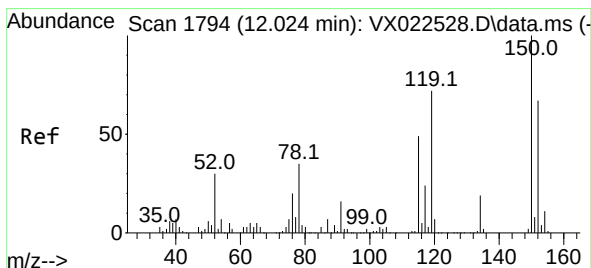
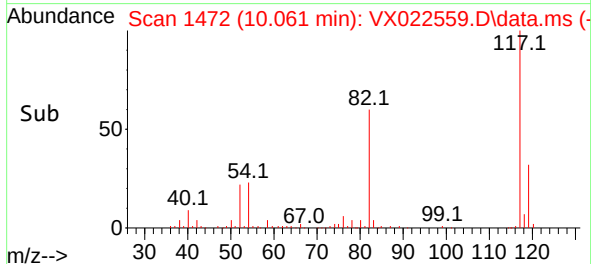
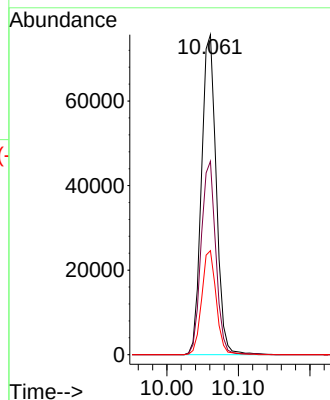
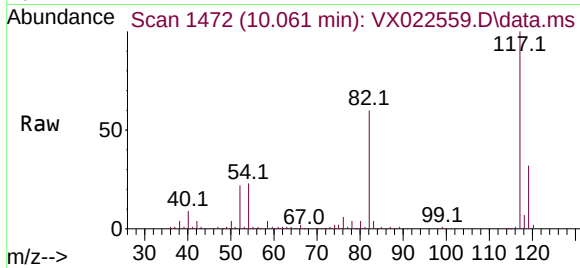




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX022559.D
Acq: 08 Jun 2021 13:25

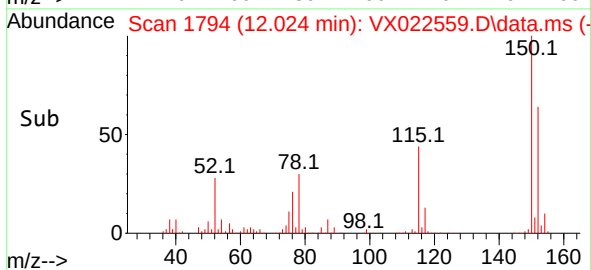
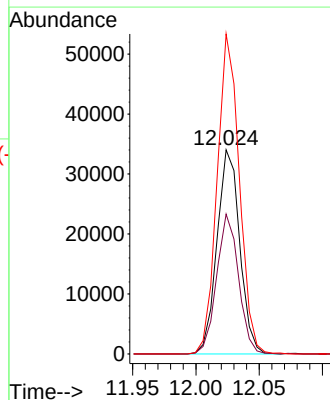
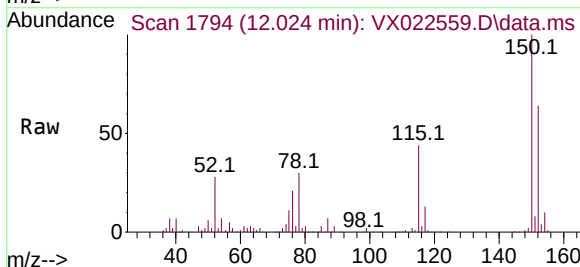
Instrument :
MSVOA_X
ClientSampled :

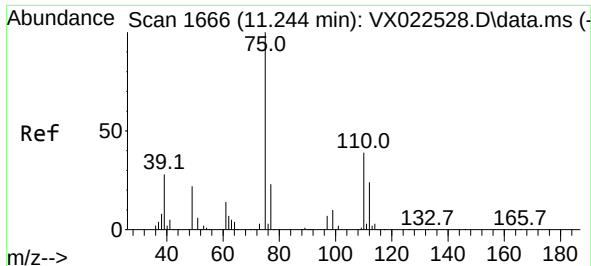
Tgt Ion:117 Resp: 108474
Ion Ratio Lower Upper
117 100
82 60.5 47.4 71.2
119 32.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022559.D
Acq: 08 Jun 2021 13:25

Tgt Ion:152 Resp: 42432
Ion Ratio Lower Upper
152 100
115 66.0 41.1 123.3
150 153.0 0.0 349.0

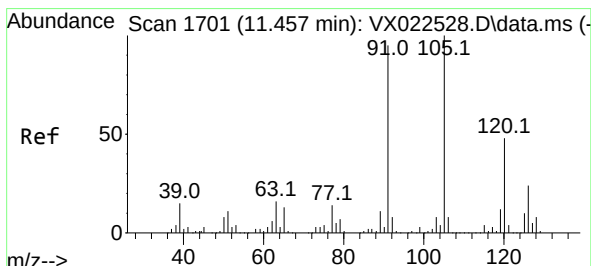
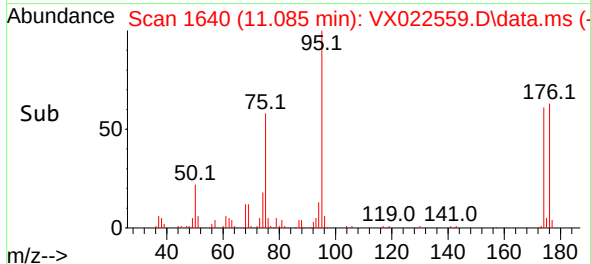
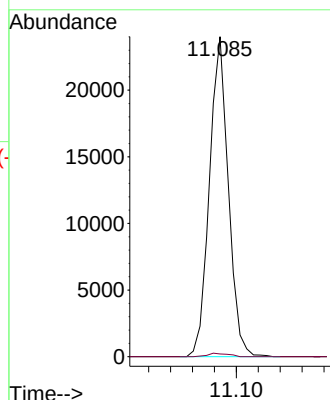
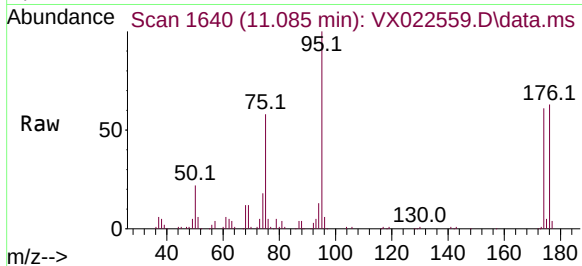




#76
1,2,3-Trichloropropane
Concen: 26.148 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022559.D
Acq: 08 Jun 2021 13:25

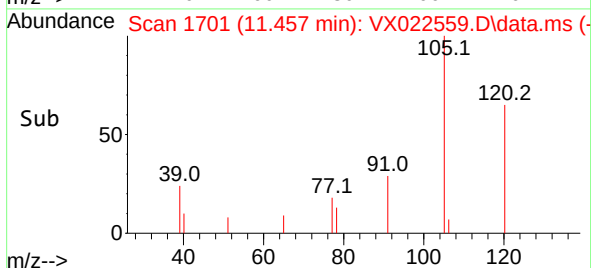
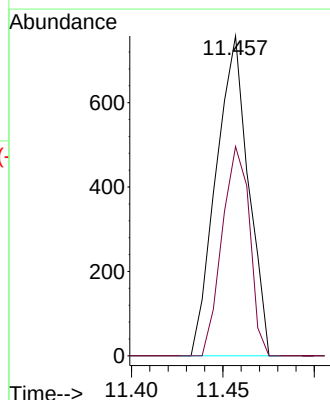
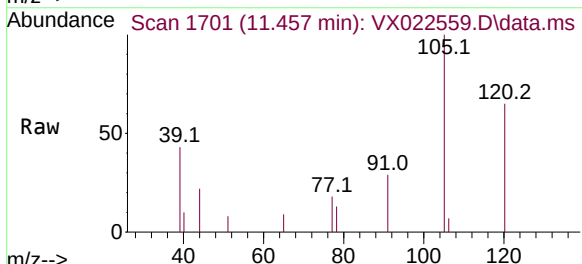
Instrument :
MSVOA_X
ClientSampled :

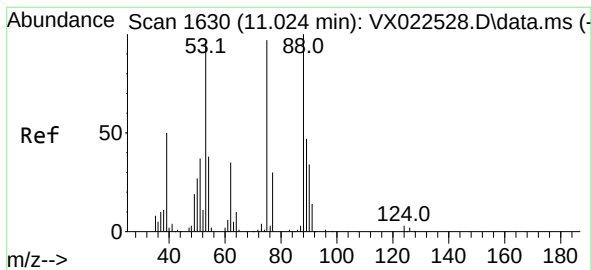
Tgt Ion: 75 Resp: 28743
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.316 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX022559.D
Acq: 08 Jun 2021 13:25

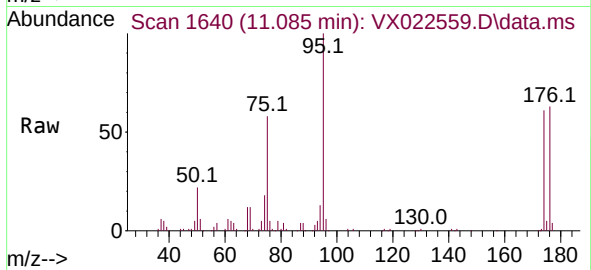
Tgt Ion: 105 Resp: 935
Ion Ratio Lower Upper
105 100
120 55.5 23.8 71.5





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.439 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX022559.D
 Acq: 08 Jun 2021 13:25

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 28743
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.3 37.9 56.9#

