

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060821\
 Data File : VX022590.D
 Acq On : 09 Jun 2021 02:19
 Operator : JC/MD
 Sample : M2625-29
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 09 04:04:28 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

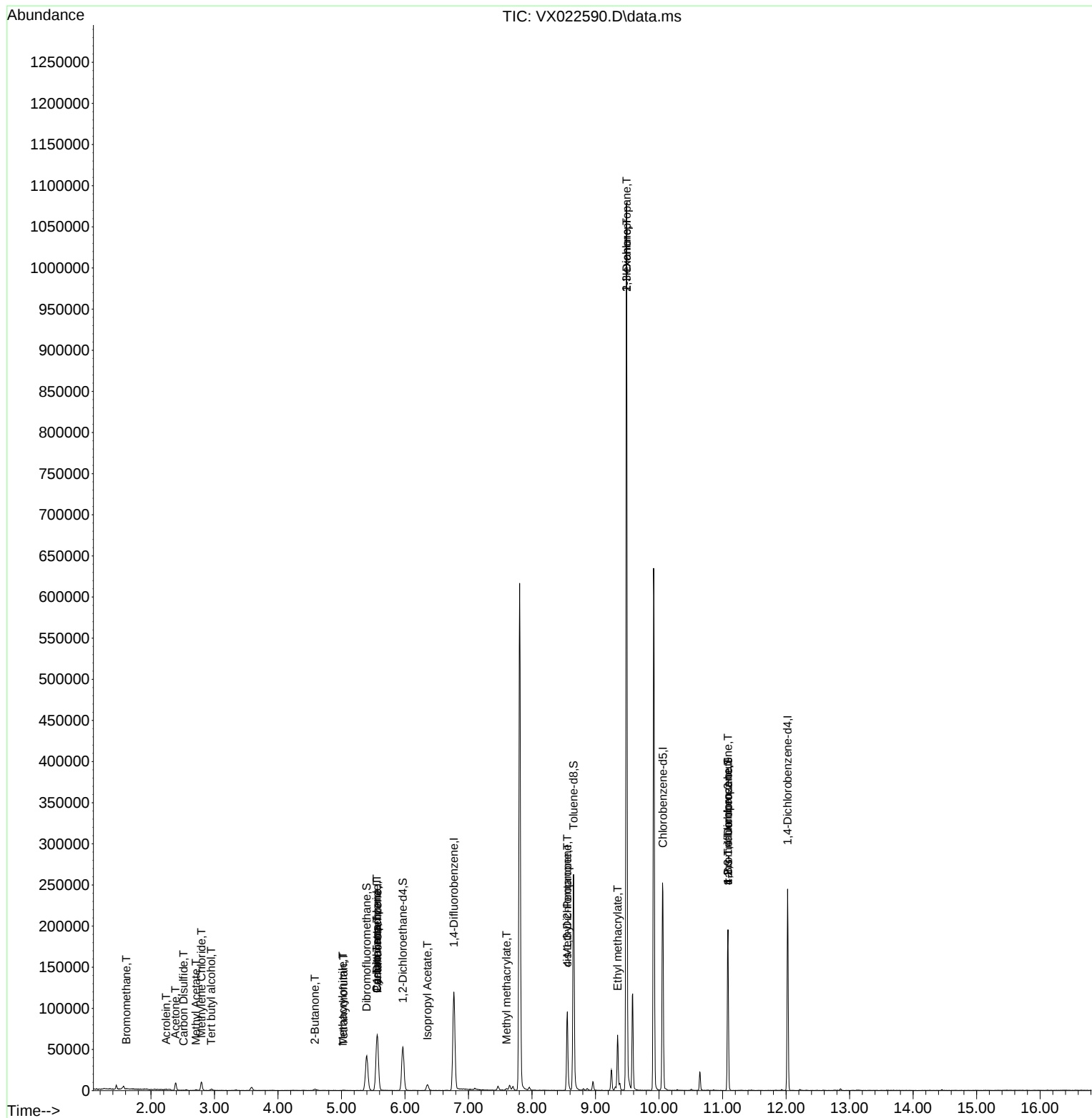
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.568	168	58101	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	118336	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	109564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	42883	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	48922	47.364	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.720%
35) Dibromofluoromethane	5.397	113	35822	48.383	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.760%
50) Toluene-d8	8.653	98	149142	50.485	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.960%
62) 4-Bromofluorobenzene	11.085	95	52773	48.060	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.120%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	126	0.300	ug/l	93
11) Tert butyl alcohol	2.947	59	735	3.173	ug/l #	73
13) Acrolein	2.239	56	226	5.139	ug/l	91
16) Acetone	2.386	43	9857	21.238	ug/l	93
17) Carbon Disulfide	2.514	76	88	3.428	ug/l #	75
18) Methyl Acetate	2.709	43	1044	0.816	ug/l #	72
20) Methylene Chloride	2.794	84	4539	4.684	ug/l #	83
25) 2-Butanone	4.580	43	1737	2.265	ug/l	98
29) Tetrahydrofuran	5.032	42	346	0.769	ug/l #	40
31) Cyclohexane	5.556	56	1672	1.368	ug/l #	48
36) 1,1-Dichloropropene	5.556	75	5867	5.125	ug/l #	48
38) Carbon Tetrachloride	5.556	117	6680	8.104	ug/l #	14
41) Methacrylonitrile	5.019	41	218	0.270	ug/l #	15
43) Isopropyl Acetate	6.354	43	9450	3.967	ug/l	93
48) Methyl methacrylate	7.598	41	2930	2.644	ug/l #	10
51) 4-Methyl-2-Pentanone	8.555	43	34048	22.945	ug/l #	46
54) cis-1,3-Dichloropropene	8.555	75	15044	11.723	ug/l #	67
56) Ethyl methacrylate	9.348	69	311	2.884	ug/l #	1
57) 1,3-Dichloropropane	9.488	76	8659	5.541	ug/l #	42
59) 2-Hexanone	9.488	43	124688	109.994	ug/l #	45
76) 1,2,3-Trichloropropane	11.085	75	28428	25.589	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	28428	63.187	ug/l #	12

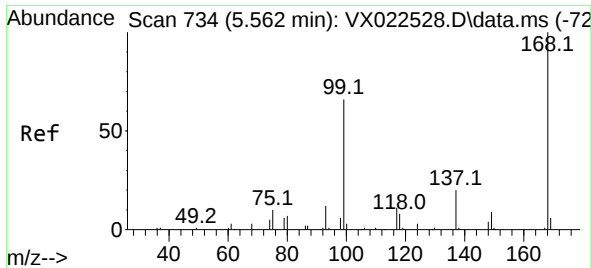
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

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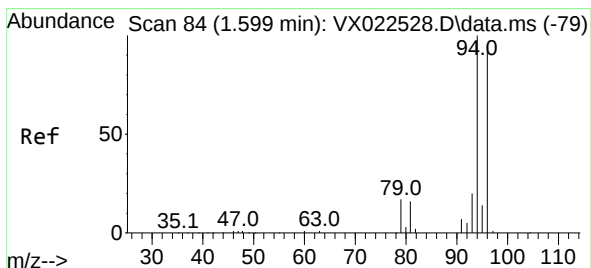
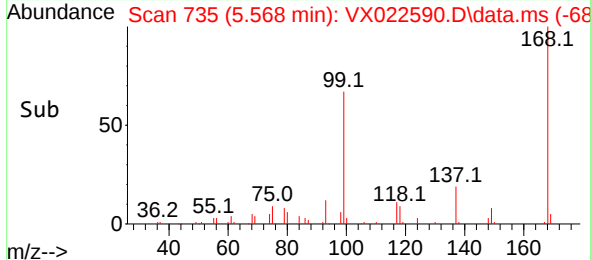
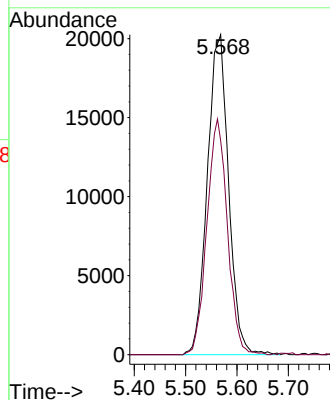
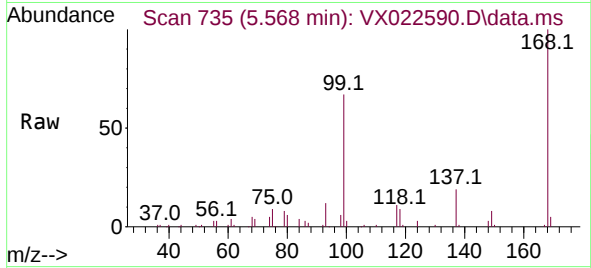




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX022590.D
Acq: 09 Jun 2021 02:19

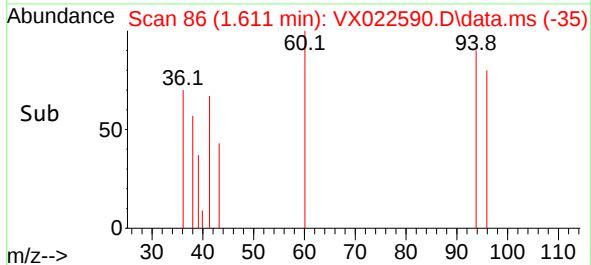
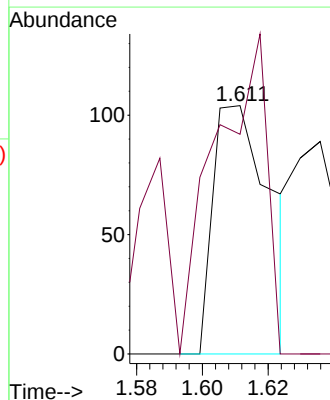
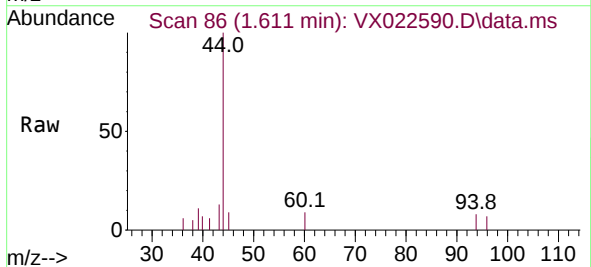
Instrument :
MSVOA_X
ClientSampled :

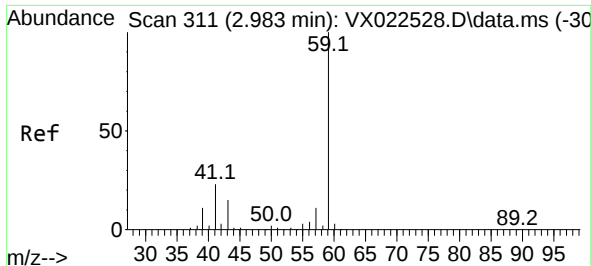
Tgt Ion:168 Resp: 58101
Ion Ratio Lower Upper
168 100
99 66.8 45.8 68.6



#5
Bromomethane
Concen: 0.300 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX022590.D
Acq: 09 Jun 2021 02:19

Tgt Ion: 94 Resp: 126
Ion Ratio Lower Upper
94 100
96 88.5 76.4 114.6



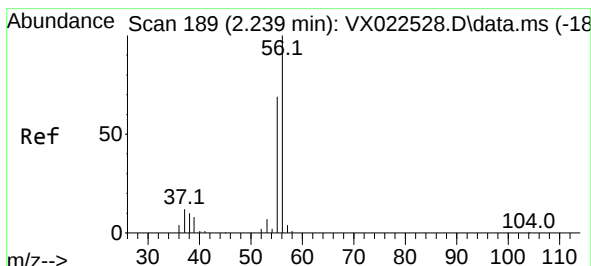
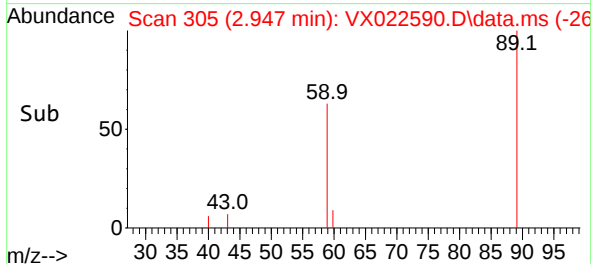
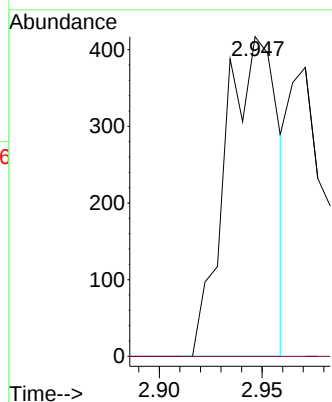
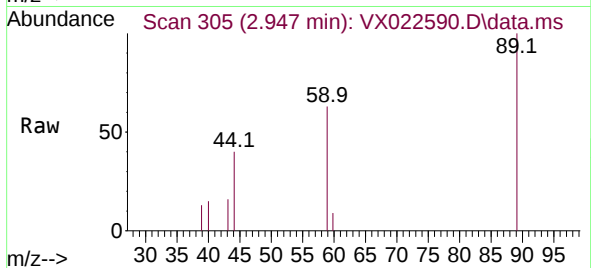


#11

Tert butyl alcohol
Concen: 3.173 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX022590.D
Acq: 09 Jun 2021 02:19

Instrument :
MSVOA_X
ClientSampled :

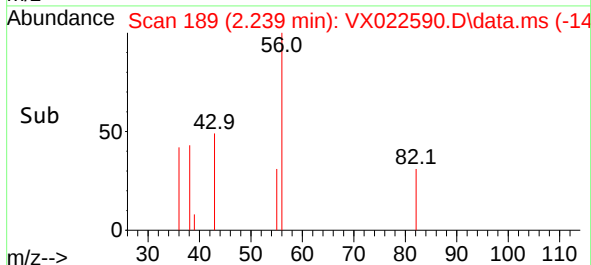
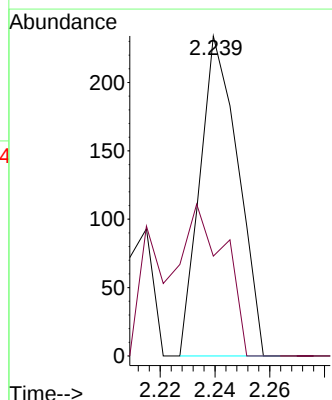
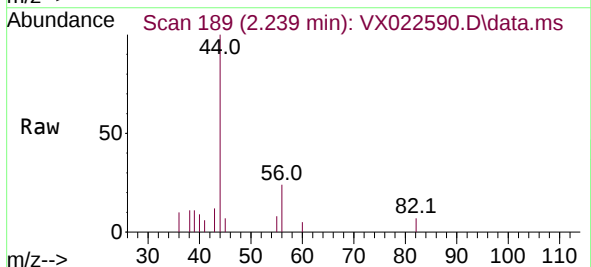
Tgt Ion: 59 Resp: 735
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

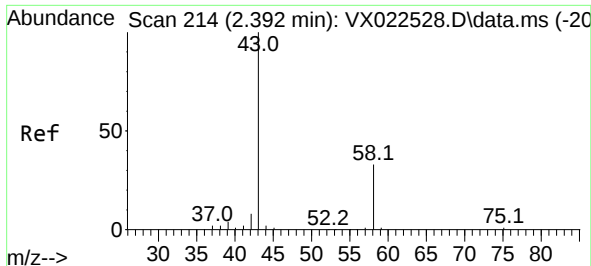


#13

Acrolein
Concen: 5.139 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX022590.D
Acq: 09 Jun 2021 02:19

Tgt Ion: 56 Resp: 226
Ion Ratio Lower Upper
56 100
55 78.3 56.4 84.6

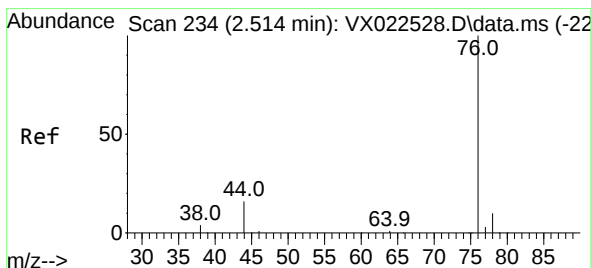
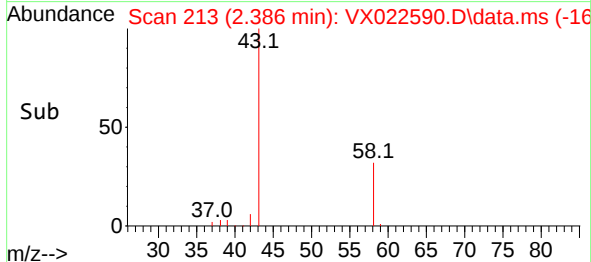
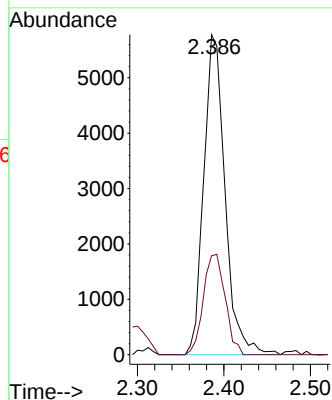
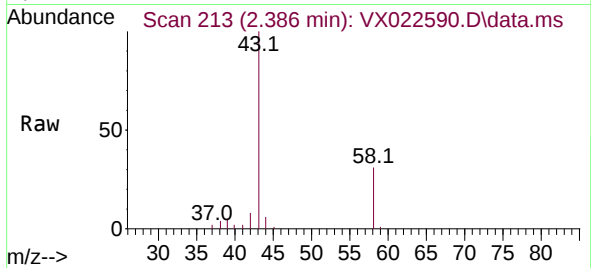




#16
Acetone
Concen: 21.238 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022590.D
Acq: 09 Jun 2021 02:19

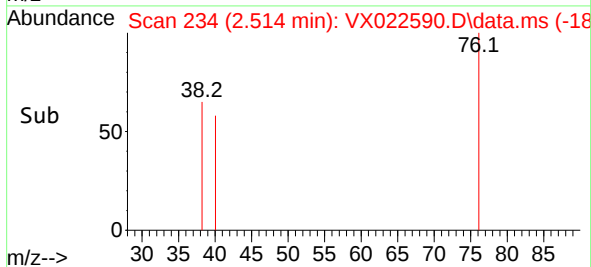
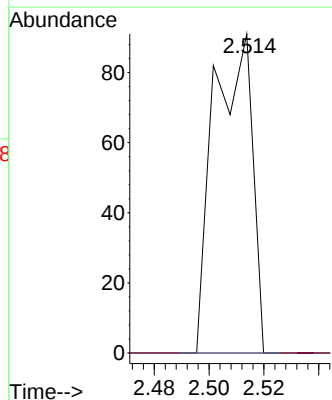
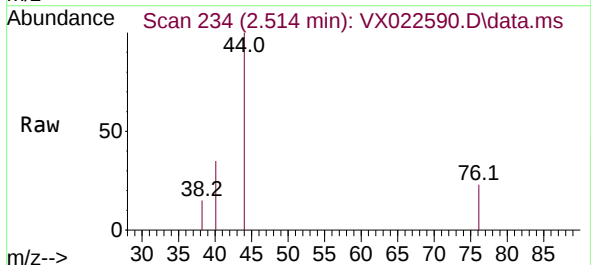
Instrument :
MSVOA_X
ClientSampled :

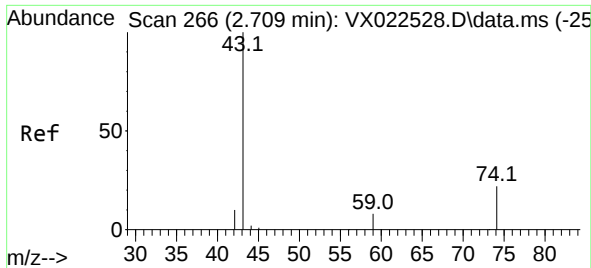
Tgt Ion: 43 Resp: 9857
Ion Ratio Lower Upper
43 100
58 30.9 27.8 41.8



#17
Carbon Disulfide
Concen: 3.428 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022590.D
Acq: 09 Jun 2021 02:19

Tgt Ion: 76 Resp: 88
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

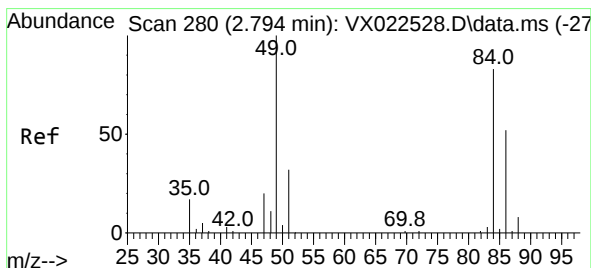
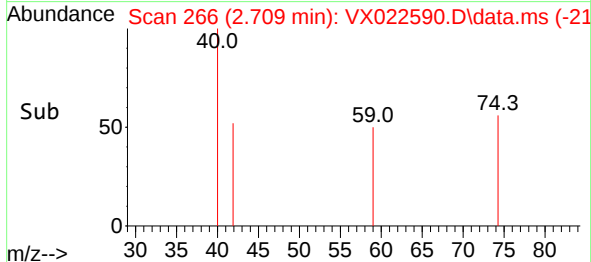
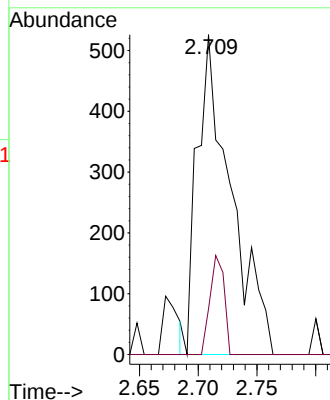
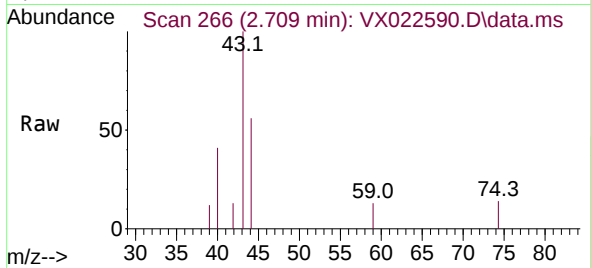




#18
Methyl Acetate
Concen: 0.816 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX022590.D
Acq: 09 Jun 2021 02:19

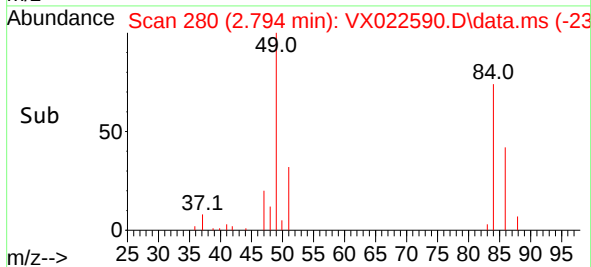
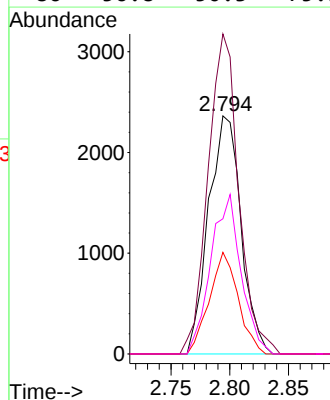
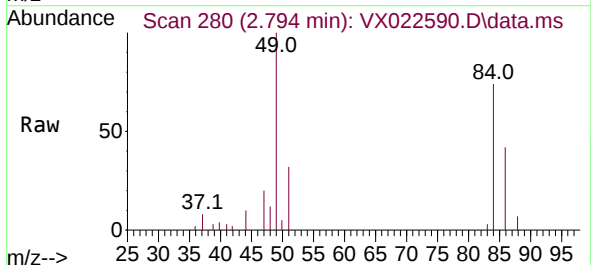
Instrument :
MSVOA_X
ClientSampleId :

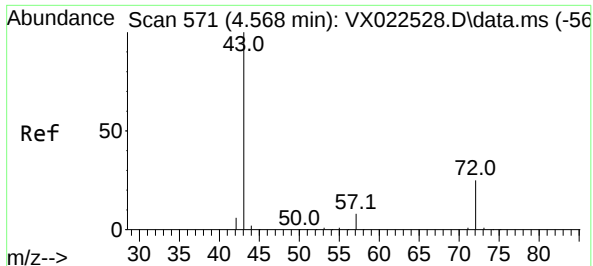
Tgt Ion: 43 Resp: 1044
Ion Ratio Lower Upper
43 100
74 13.0 21.9 32.9#



#20
Methylene Chloride
Concen: 4.684 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022590.D
Acq: 09 Jun 2021 02:19

Tgt Ion: 84 Resp: 4539
Ion Ratio Lower Upper
84 100
49 134.4 88.6 132.8#
51 42.7 27.0 40.6#
86 56.8 50.3 75.5

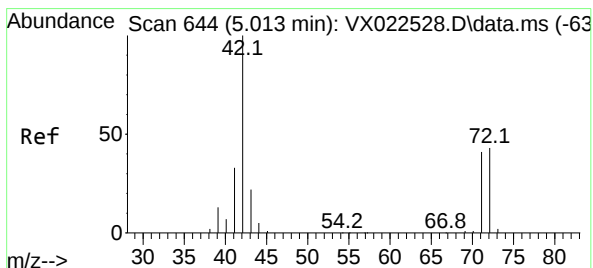
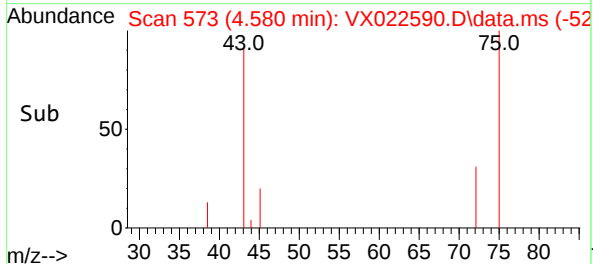
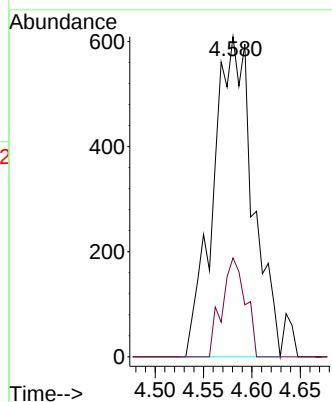
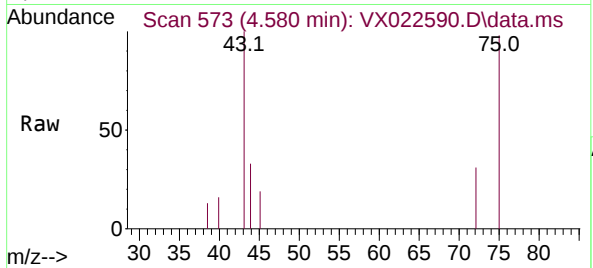




#25
2-Butanone
Concen: 2.265 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX022590.D
Acq: 09 Jun 2021 02:19

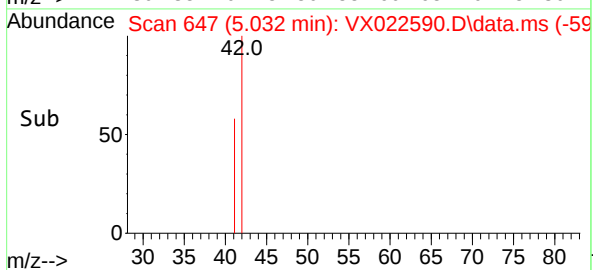
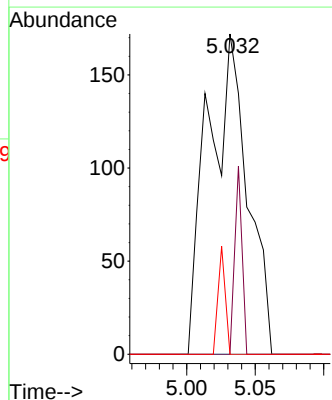
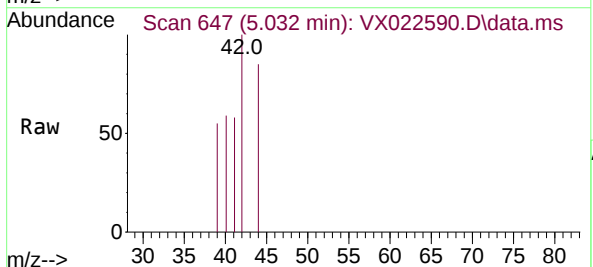
Instrument :
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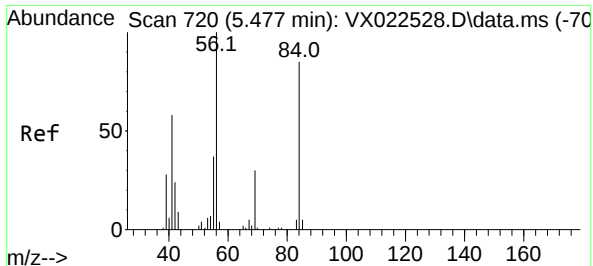
Tgt Ion: 43 Resp: 1737
Ion Ratio Lower Upper
43 100
72 30.9 23.7 35.5



#29
Tetrahydrofuran
Concen: 0.769 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.019 min
Lab File: VX022590.D
Acq: 09 Jun 2021 02:19

Tgt Ion: 42 Resp: 346
Ion Ratio Lower Upper
42 100
72 10.7 41.7 62.5#
71 6.1 38.4 57.6#

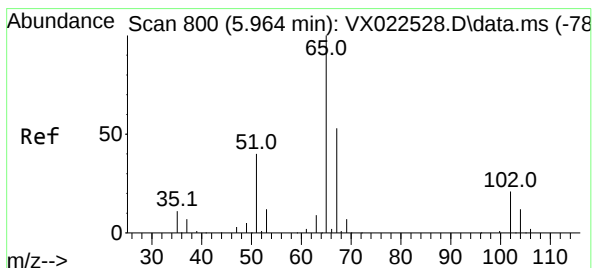
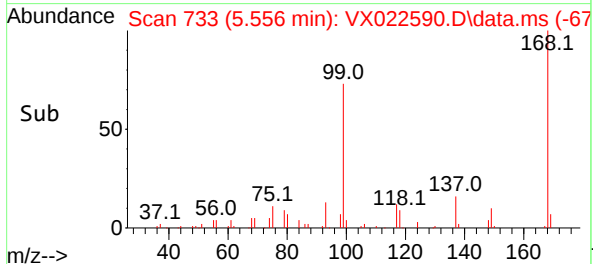
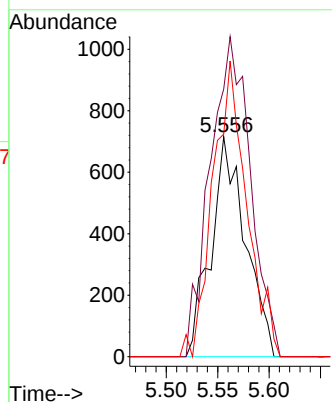
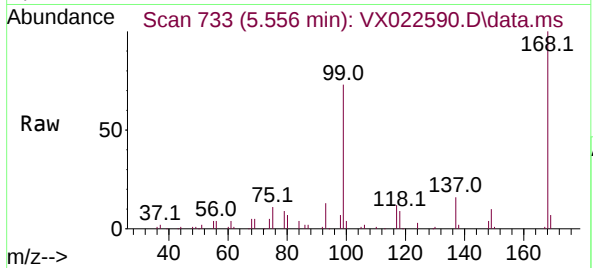




#31
Cyclohexane
Concen: 1.368 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX022590.D
Acq: 09 Jun 2021 02:19

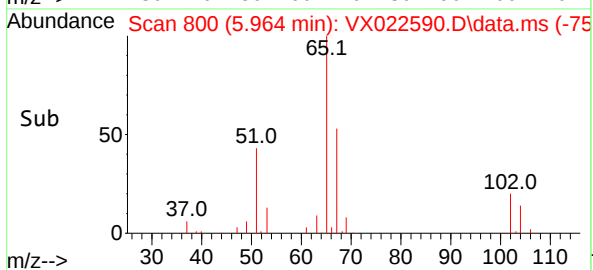
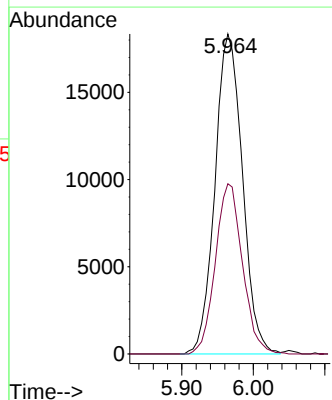
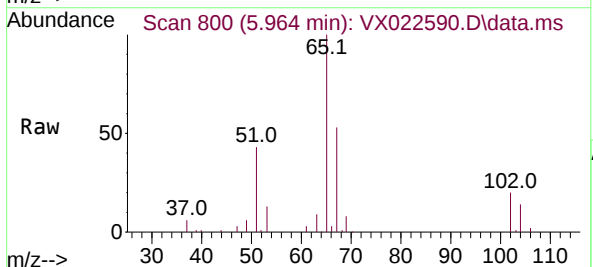
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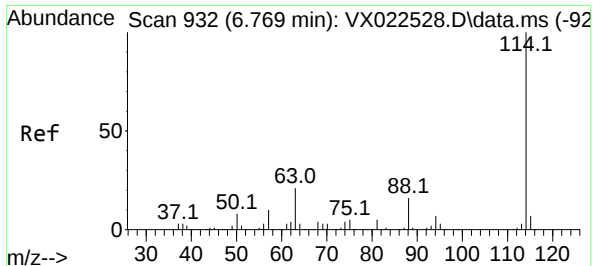
Tgt Ion: 56 Resp: 1672
Ion Ratio Lower Upper
56 100
69 121.6 25.3 37.9#
84 101.1 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 47.364 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022590.D
Acq: 09 Jun 2021 02:19

Tgt Ion: 65 Resp: 48922
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.4

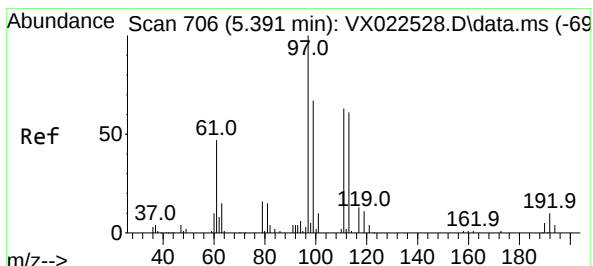
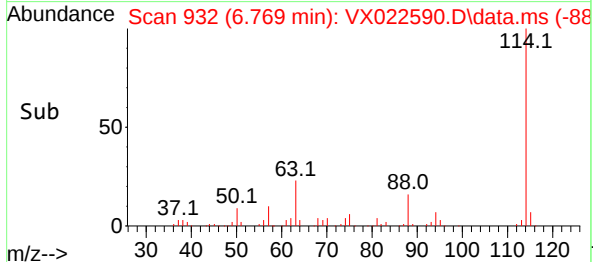
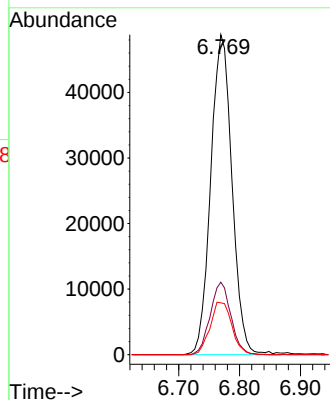
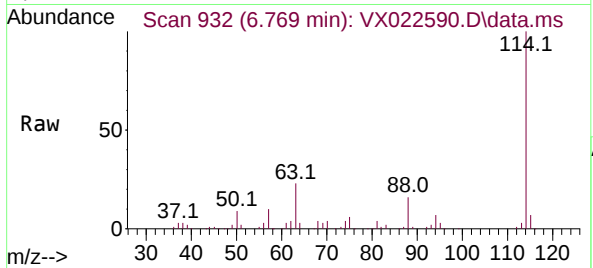




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022590.D
Acq: 09 Jun 2021 02:19

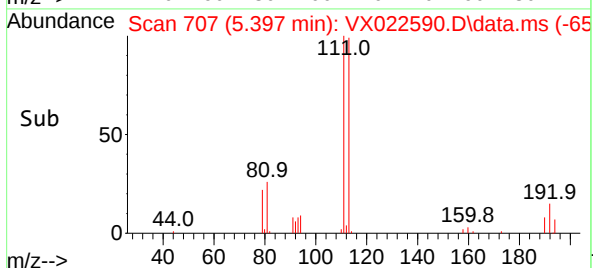
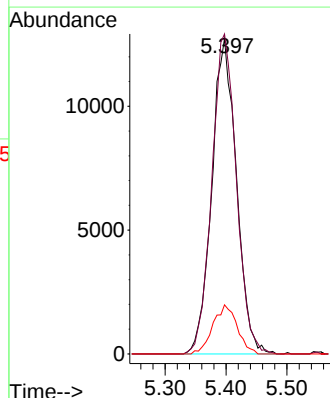
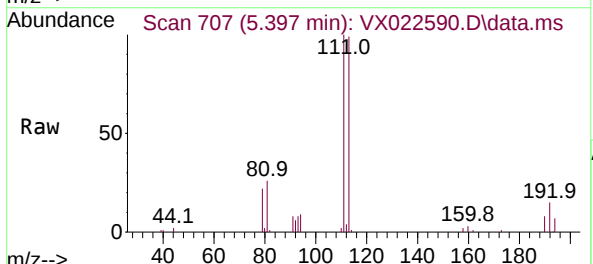
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MSVOA_X
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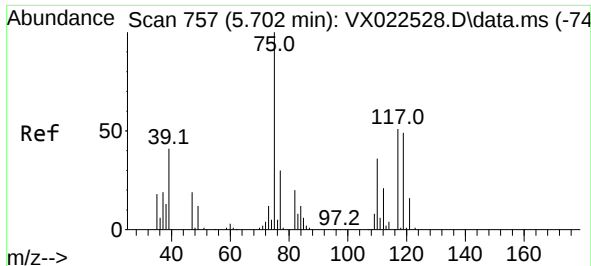
Tgt Ion:114 Resp: 118336
Ion Ratio Lower Upper
114 100
63 22.6 0.0 40.8
88 16.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.383 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022590.D
Acq: 09 Jun 2021 02:19

Tgt Ion:113 Resp: 35822
Ion Ratio Lower Upper
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111 101.2 81.9 122.9
192 15.4 16.7 25.1#

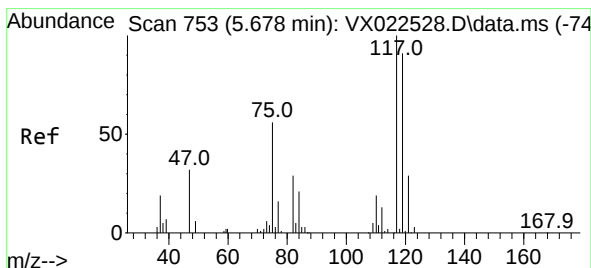
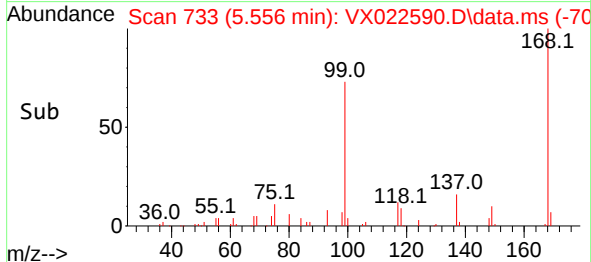
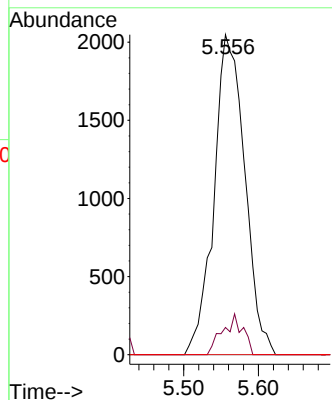
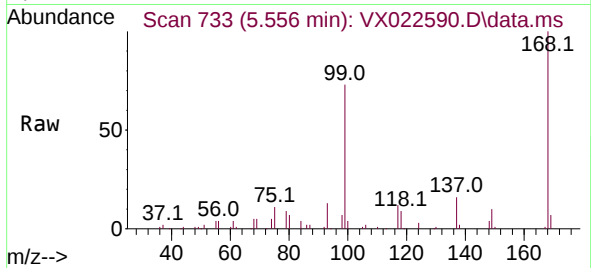




#36
1,1-Dichloropropene
Concen: 5.125 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022590.D
Acq: 09 Jun 2021 02:19

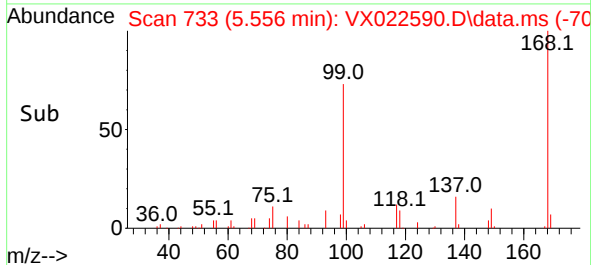
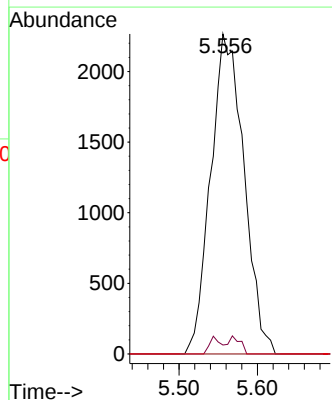
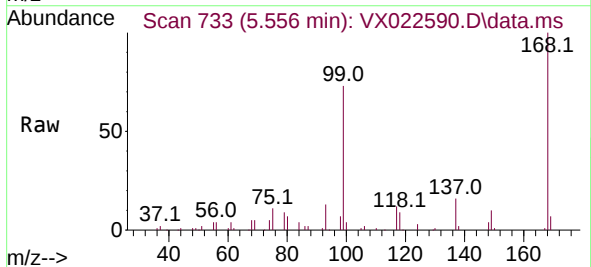
Instrument :
MSVOA_X
ClientSampled :

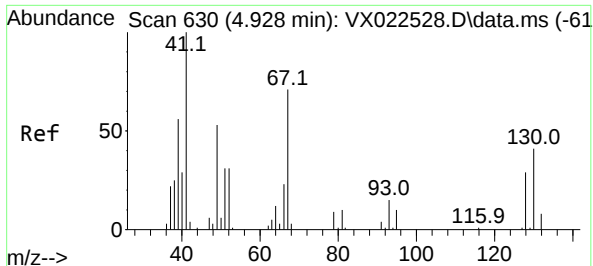
Tgt Ion: 75 Resp: 5867
Ion Ratio Lower Upper
75 100
110 8.4 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 8.104 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX022590.D
Acq: 09 Jun 2021 02:19

Tgt Ion: 117 Resp: 6680
Ion Ratio Lower Upper
117 100
119 2.8 76.2 114.2#
121 0.0 24.8 37.2#

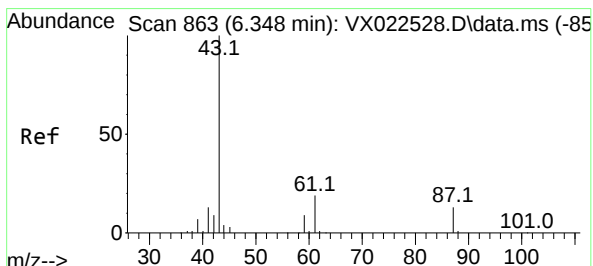
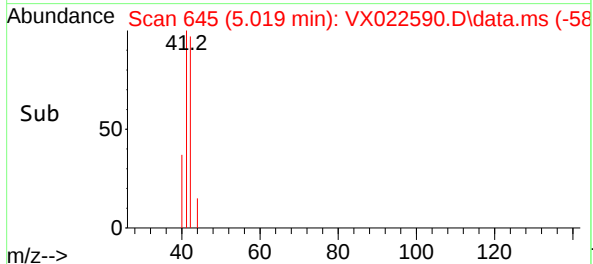
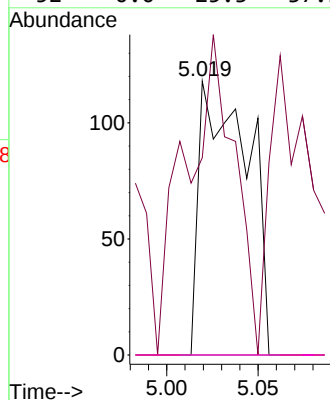
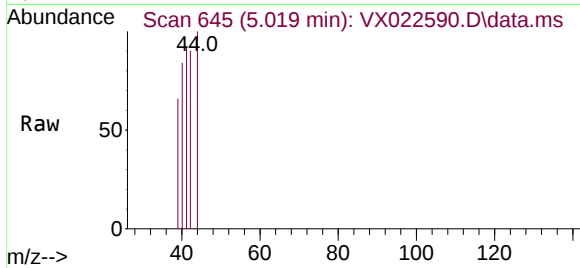




#41
Methacrylonitrile
Concen: 0.270 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.091 min
Lab File: VX022590.D
Acq: 09 Jun 2021 02:19

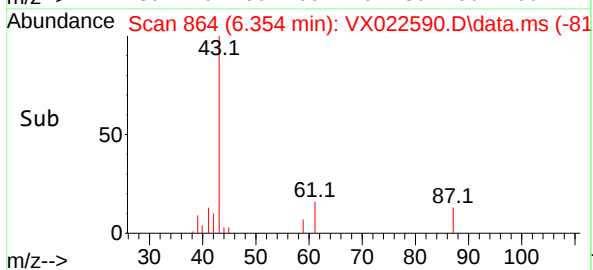
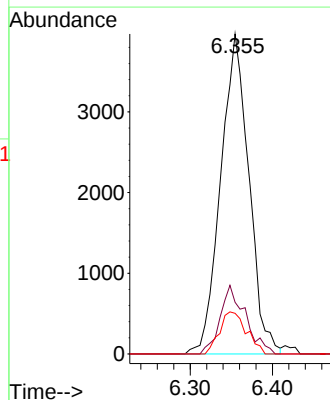
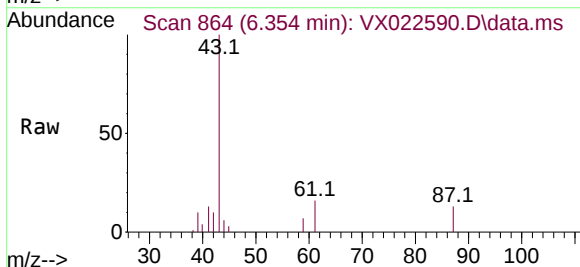
Instrument :
MSVOA_X
ClientSampled :

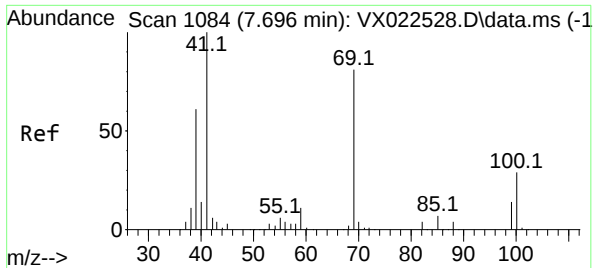
Tgt Ion:	41	Resp:	218
Ion	Ratio	Lower	Upper
41	100		
39	117.4	42.5	63.7#
67	0.0	65.0	97.6#
52	0.0	25.3	37.9#



#43
Isopropyl Acetate
Concen: 3.967 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.006 min
Lab File: VX022590.D
Acq: 09 Jun 2021 02:19

Tgt Ion:	43	Resp:	9450
Ion	Ratio	Lower	Upper
43	100		
61	19.2	18.2	27.4
87	12.5	12.5	18.7





#48

Methyl methacrylate

Concen: 2.644 ug/l

RT: 7.598 min Scan# 1068

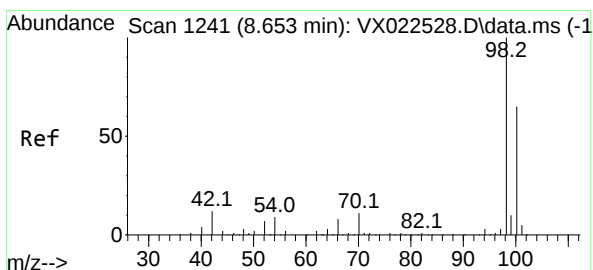
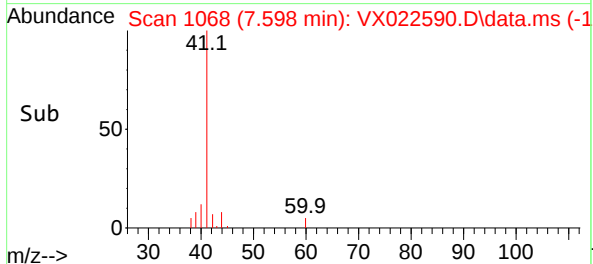
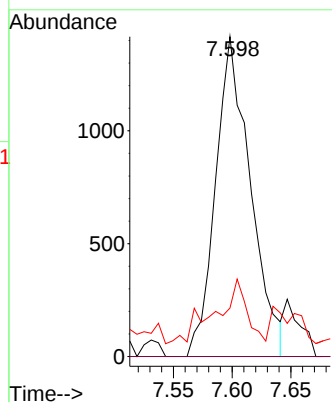
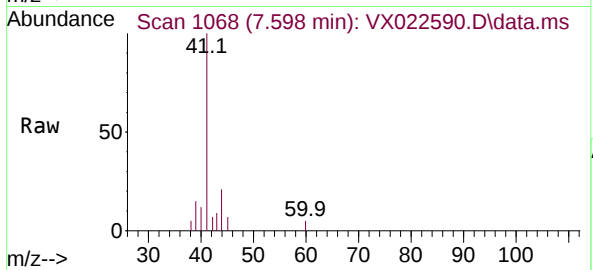
Delta R.T. -0.098 min

Lab File: VX022590.D

Acq: 09 Jun 2021 02:19

Tgt Ion:	41	Resp:	2930
Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.0	114.0#
39	0.0	44.6	67.0#

Instrument :
MSVOA_X
ClientSampled :



#50

Toluene-d8

Concen: 50.485 ug/l

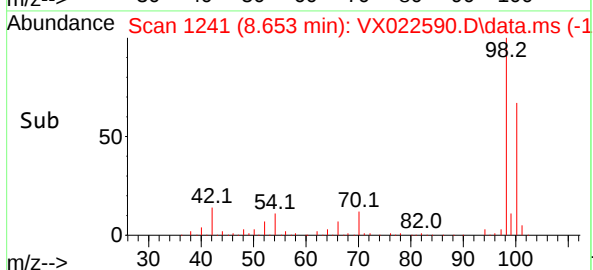
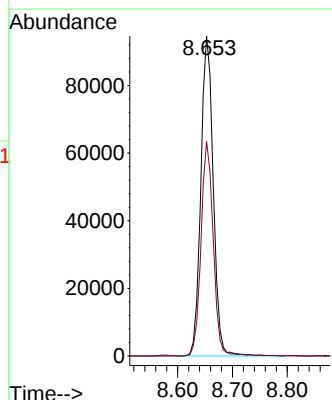
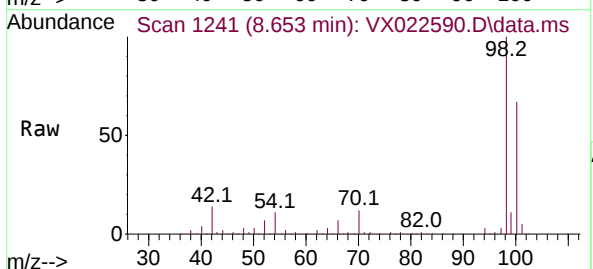
RT: 8.653 min Scan# 1241

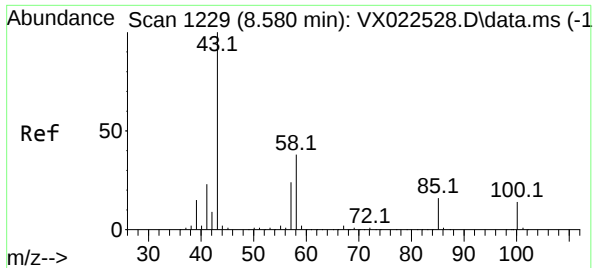
Delta R.T. -0.000 min

Lab File: VX022590.D

Acq: 09 Jun 2021 02:19

Tgt Ion:	98	Resp:	149142
Ion	Ratio	Lower	Upper
98	100		
100	66.0	51.9	77.9

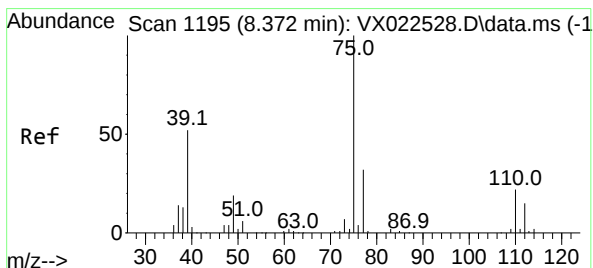
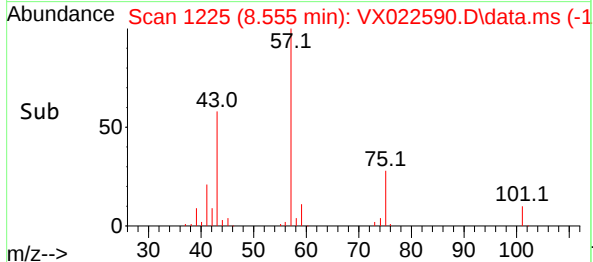
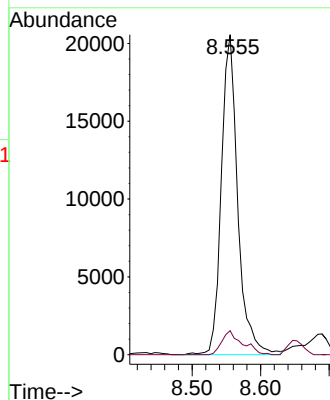
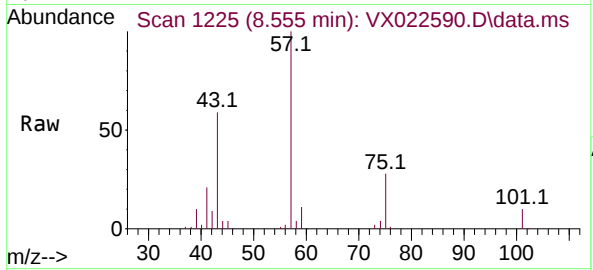




#51
4-Methyl-2-Pentanone
Concen: 22.945 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022590.D
Acq: 09 Jun 2021 02:19

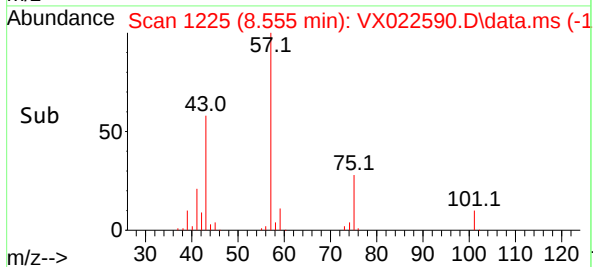
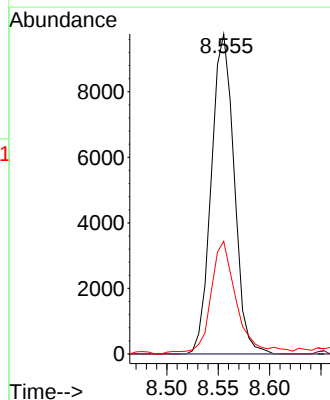
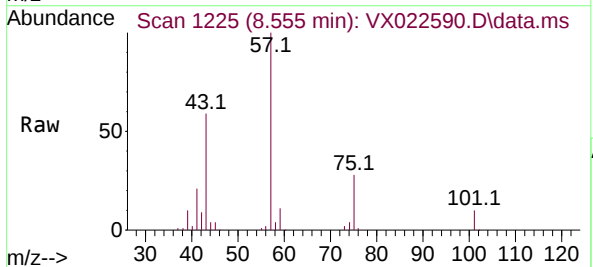
Instrument :
MSVOA_X
ClientSampled :

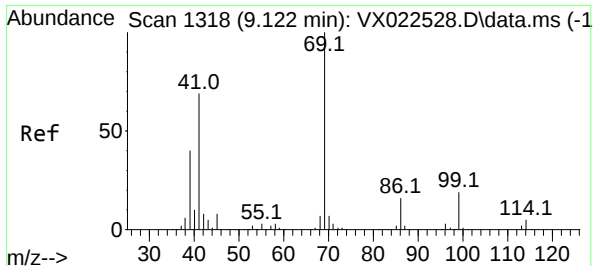
Tgt Ion: 43 Resp: 34048
Ion Ratio Lower Upper
43 100
58 9.3 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 11.723 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX022590.D
Acq: 09 Jun 2021 02:19

Tgt Ion: 75 Resp: 15044
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 34.5 35.1 52.7#

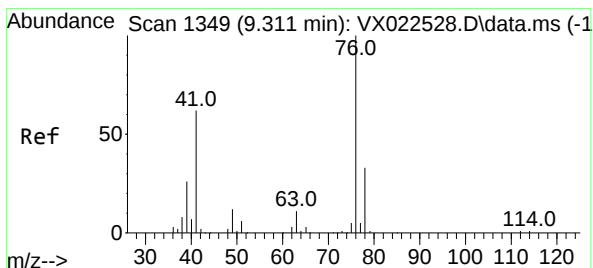
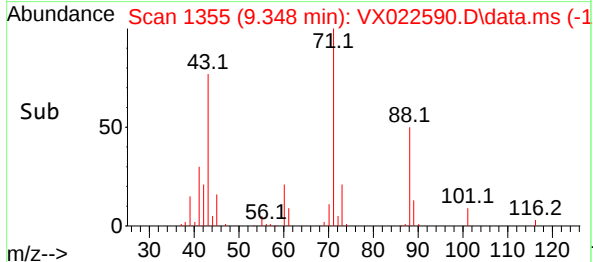
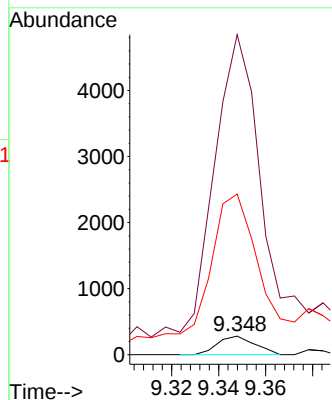
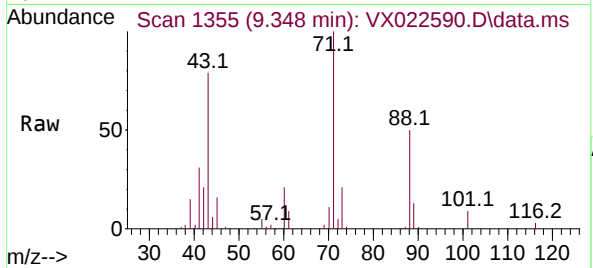




#56
Ethyl methacrylate
Concen: 2.884 ug/l
RT: 9.348 min Scan# 1355
Delta R.T. 0.226 min
Lab File: VX022590.D
Acq: 09 Jun 2021 02:19

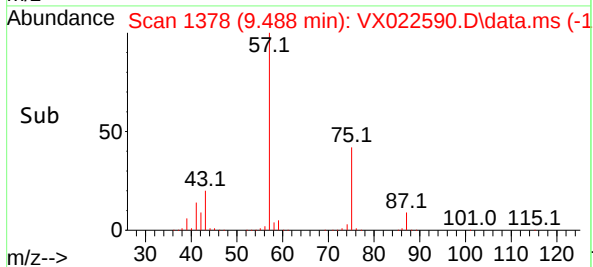
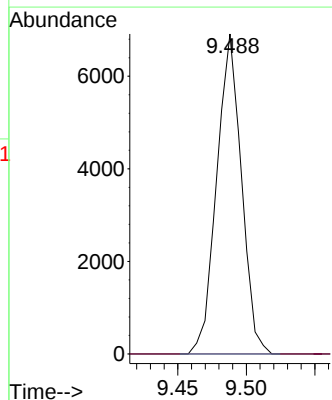
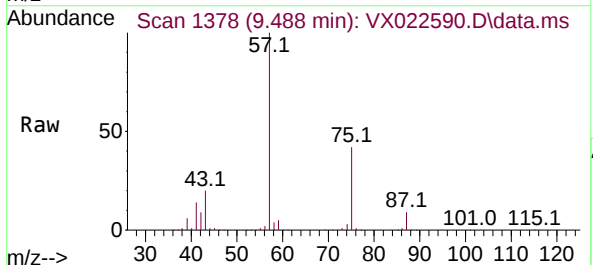
Instrument :
MSVOA_X
ClientSampled :

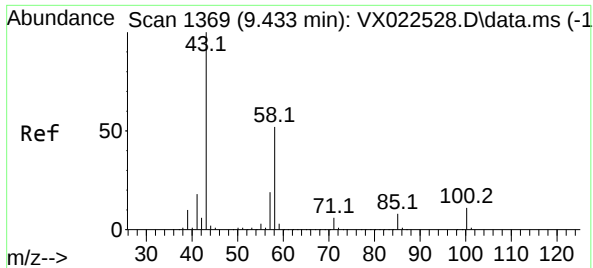
Tgt Ion: 69 Resp: 311
Ion Ratio Lower Upper
69 100
41 2726.7 46.8 70.2#
39 1177.5 24.7 37.1#



#57
1,3-Dichloropropane
Concen: 5.541 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022590.D
Acq: 09 Jun 2021 02:19

Tgt Ion: 76 Resp: 8659
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

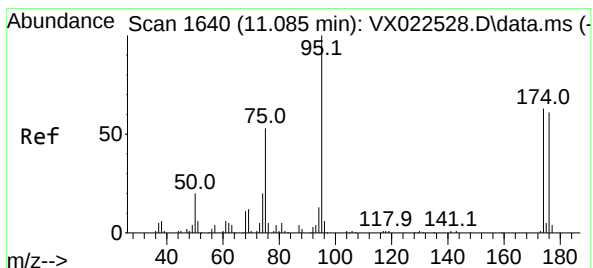
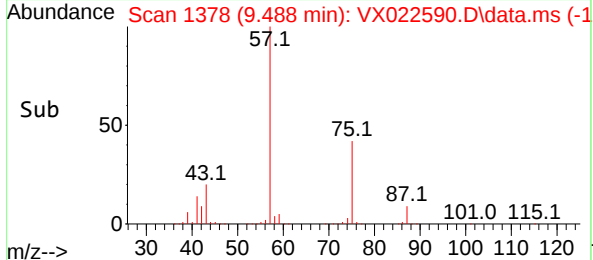
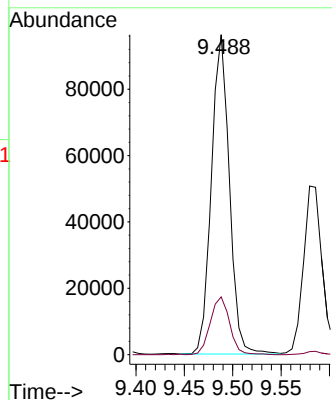
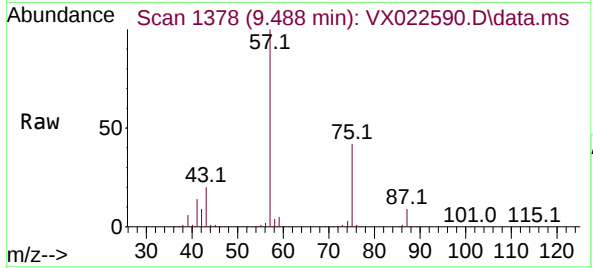




#59
2-Hexanone
Concen: 109.994 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022590.D
Acq: 09 Jun 2021 02:19

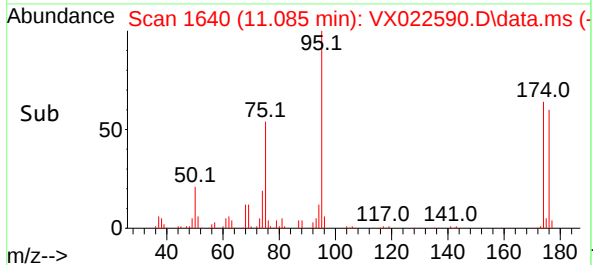
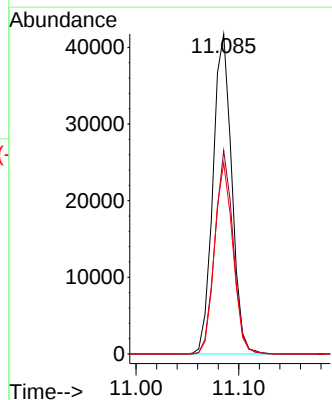
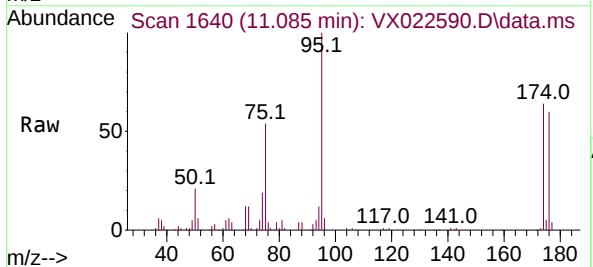
Instrument :
MSVOA_X
ClientSampled :

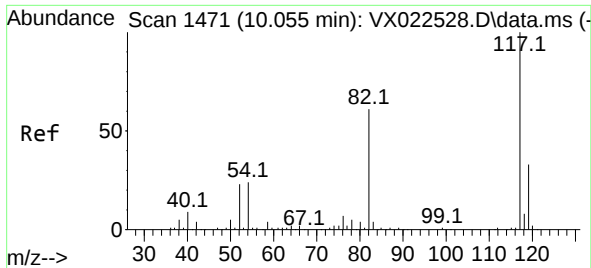
Tgt Ion: 43 Resp: 124688
Ion Ratio Lower Upper
43 100
58 19.5 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 48.060 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022590.D
Acq: 09 Jun 2021 02:19

Tgt Ion: 95 Resp: 52773
Ion Ratio Lower Upper
95 100
174 61.9 0.0 154.6
176 58.7 0.0 155.8

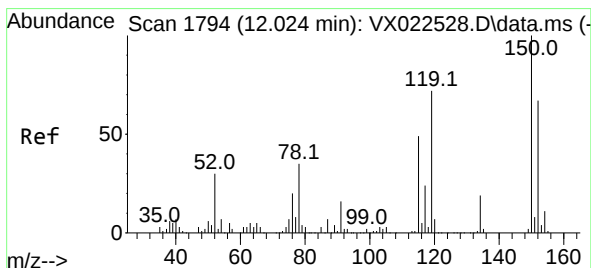
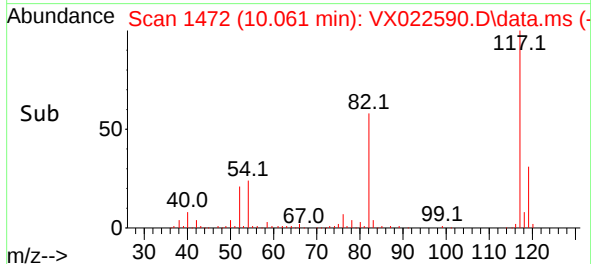
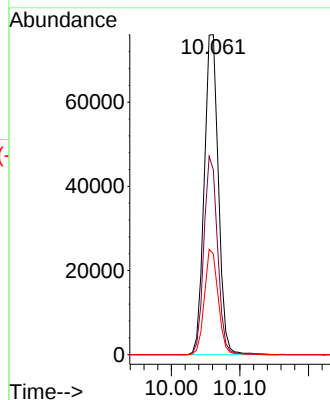
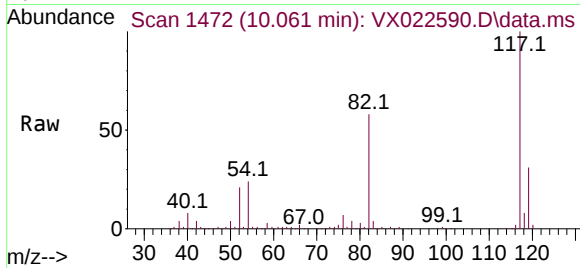




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX022590.D
Acq: 09 Jun 2021 02:19

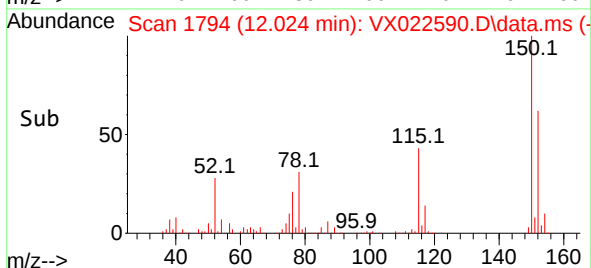
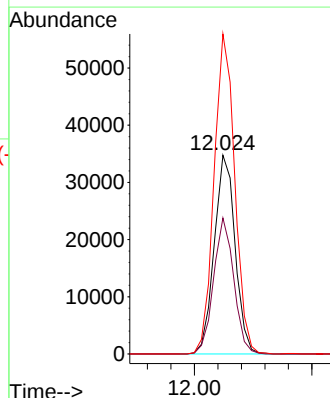
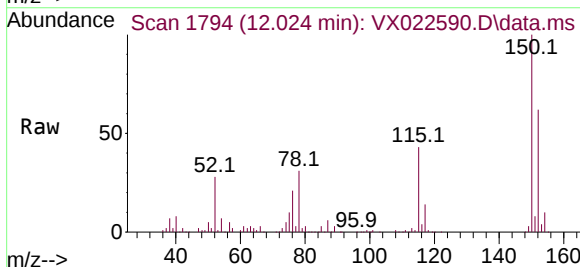
Instrument :
MSVOA_X
ClientSampled :

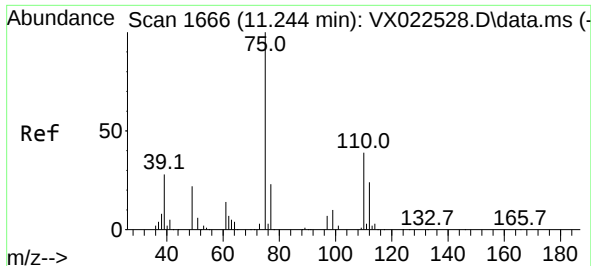
Tgt Ion:117 Resp: 109564
Ion Ratio Lower Upper
117 100
82 57.8 47.4 71.2
119 31.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022590.D
Acq: 09 Jun 2021 02:19

Tgt Ion:152 Resp: 42883
Ion Ratio Lower Upper
152 100
115 66.1 41.1 123.3
150 159.1 0.0 349.0

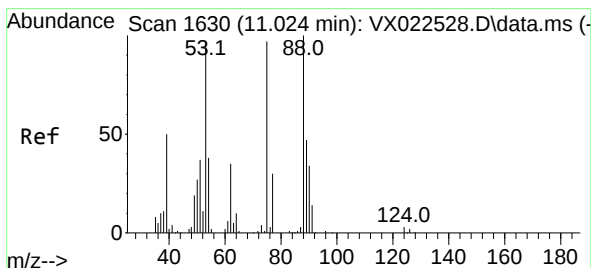
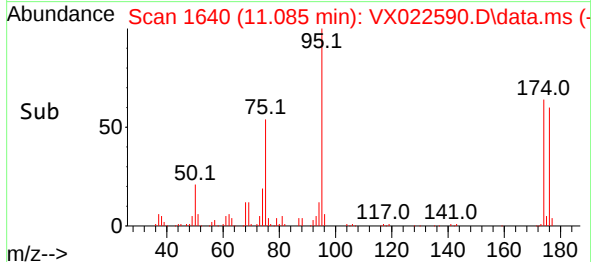
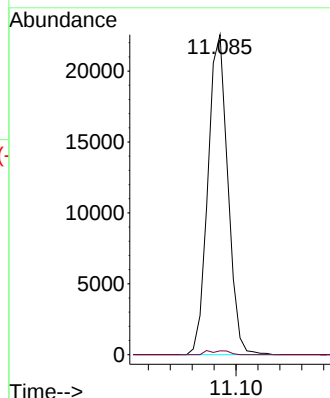
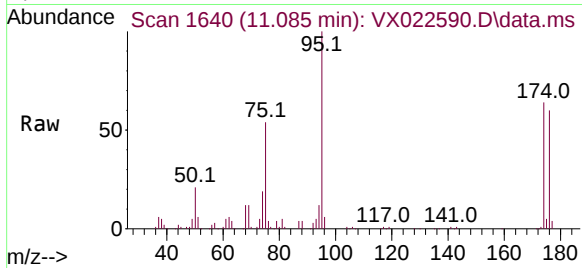




#76
1,2,3-Trichloropropane
Concen: 25.589 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022590.D
Acq: 09 Jun 2021 02:19

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 28428
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.187 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022590.D
Acq: 09 Jun 2021 02:19

Tgt Ion: 75 Resp: 28428
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

