

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060421\
 Data File : VX022469.D
 Acq On : 05 Jun 2021 14:10
 Operator : JC/MD
 Sample : M2580-30
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

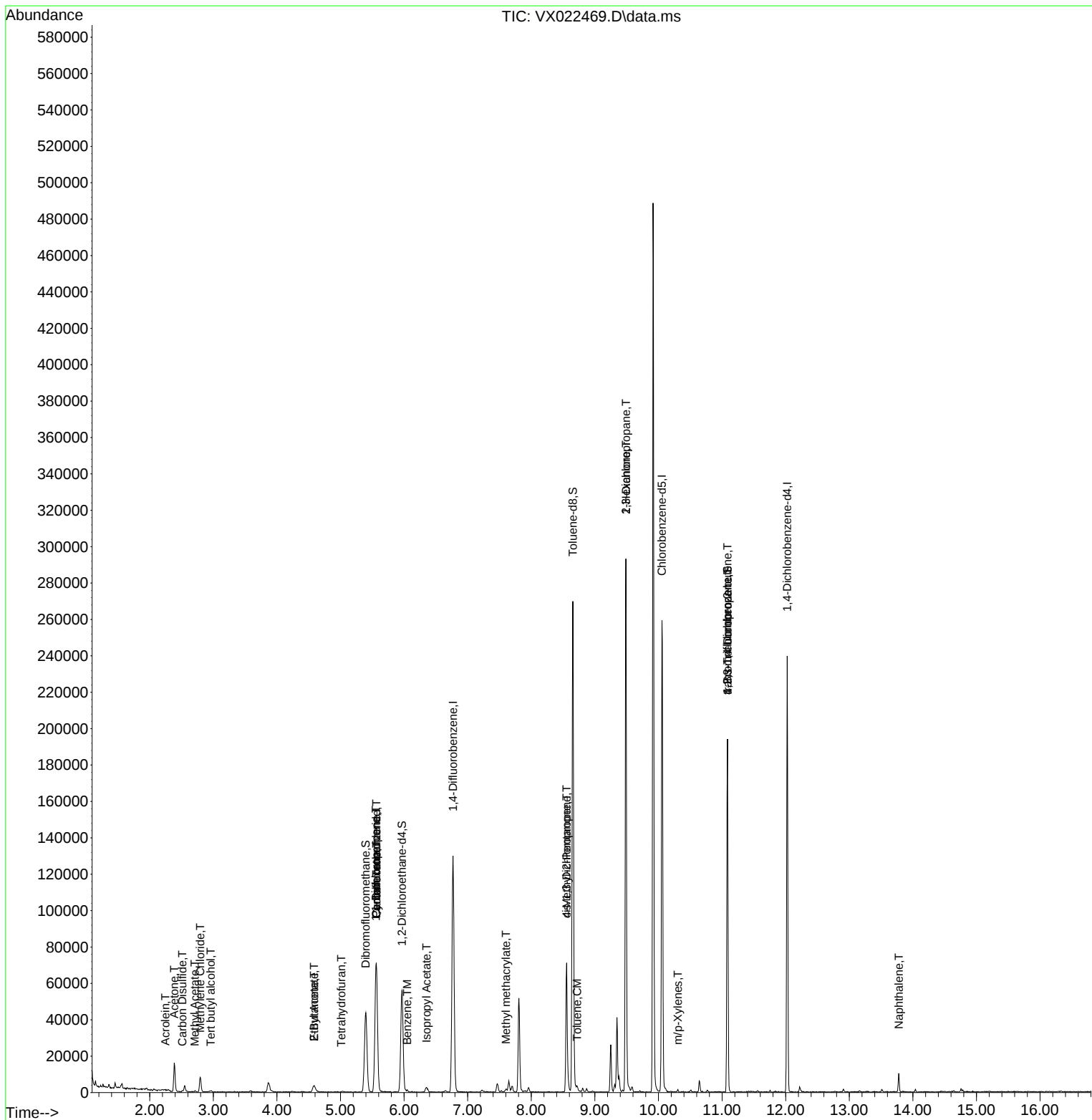
Quant Time: Jun 07 03:23:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	62370	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	126010	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	113806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	41603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	51832	53.874	ug/l	0.00
Spiked Amount 50.000	Range	78 - 117	Recovery	= 107.740%		
35) Dibromofluoromethane	5.397	113	37538	46.976	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	= 93.960%		
50) Toluene-d8	8.653	98	157129	51.046	ug/l	0.00
Spiked Amount 50.000	Range	92 - 112	Recovery	= 102.100%		
62) 4-Bromofluorobenzene	11.085	95	53024	46.604	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	= 93.200%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.959	59	627	2.849	ug/l	# 73
13) Acrolein	2.246	56	158	1.083	ug/l	# 70
16) Acetone	2.386	43	15309	36.543	ug/l	97
17) Carbon Disulfide	2.514	76	914	0.488	ug/l	# 75
18) Methyl Acetate	2.709	43	738	0.662	ug/l	# 78
20) Methylene Chloride	2.794	84	3403	3.659	ug/l	# 93
25) 2-Butanone	4.587	43	4205	6.204	ug/l	# 82
29) Tetrahydrofuran	5.013	42	241	0.597	ug/l	# 27
31) Cyclohexane	5.562	56	1748	1.446	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	6331	5.433	ug/l	# 47
37) Ethyl Acetate	4.587	43	4205	2.944	ug/l	# 65
38) Carbon Tetrachloride	5.562	117	7448	6.534	ug/l	# 16
40) Benzene	6.050	78	1103	0.308	ug/l	# 61
43) Isopropyl Acetate	6.355	43	3465	1.483	ug/l	93
48) Methyl methacrylate	7.604	41	2553	2.371	ug/l	# 18
51) 4-Methyl-2-Pentanone	8.555	43	27211	19.443	ug/l	# 41
52) Toluene	8.720	92	549	0.242	ug/l	90
54) cis-1,3-Dichloropropene	8.555	75	10922	7.088	ug/l	# 66
57) 1,3-Dichloropropane	9.488	76	2530	1.608	ug/l	# 42
59) 2-Hexanone	9.488	43	35119	33.365	ug/l	# 44
68) m/p-Xylenes	10.305	106	338	0.205	ug/l	98
76) 1,2,3-Trichloropropane	11.085	75	27405	26.701	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	27405	63.265	ug/l	# 12
95) Naphthalene	13.780	128	5721	1.758	ug/l	96

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

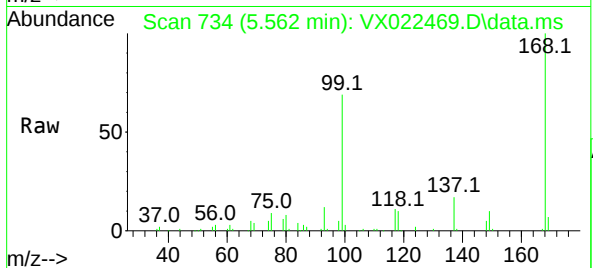
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration



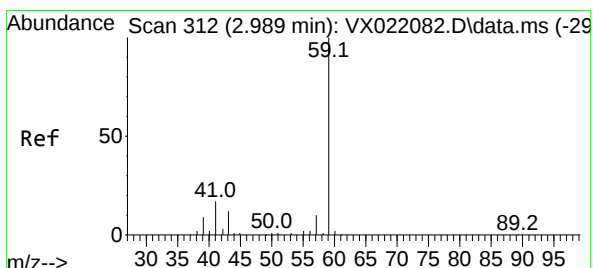
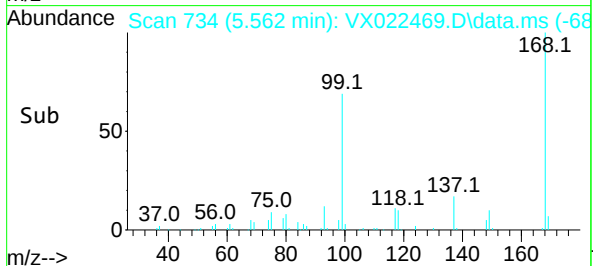
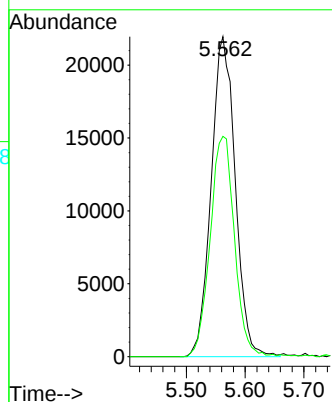


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022469.D
Acq: 05 Jun 2021 14:10

Instrument :
MSVOA_X
ClientSampleId :

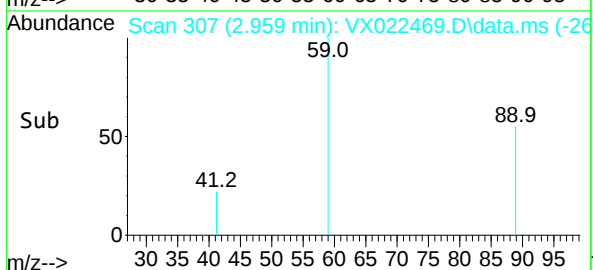
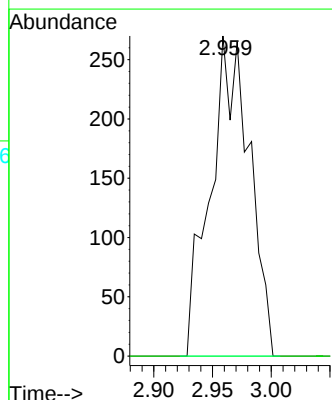
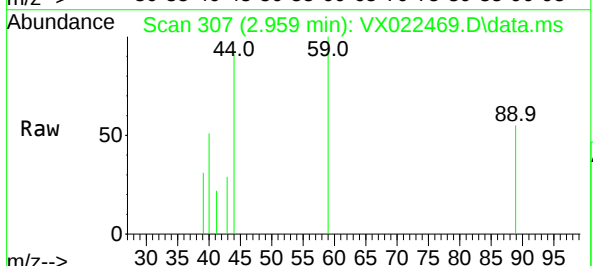


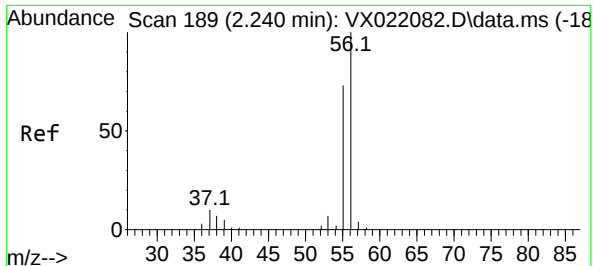
Tgt Ion:168 Resp: 62370
Ion Ratio Lower Upper
168 100
99 68.9 45.8 68.6#



#11
Tert butyl alcohol
Concen: 2.849 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.030 min
Lab File: VX022469.D
Acq: 05 Jun 2021 14:10

Tgt Ion: 59 Resp: 627
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

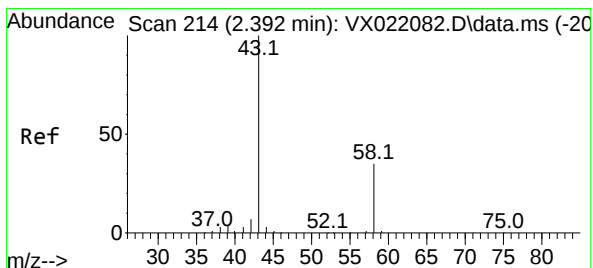
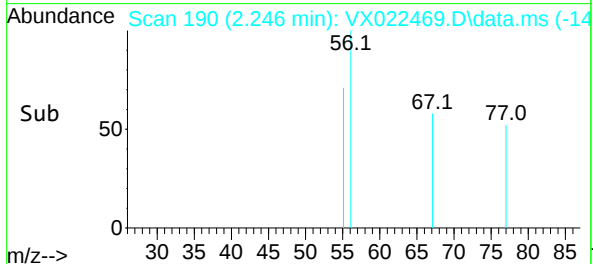
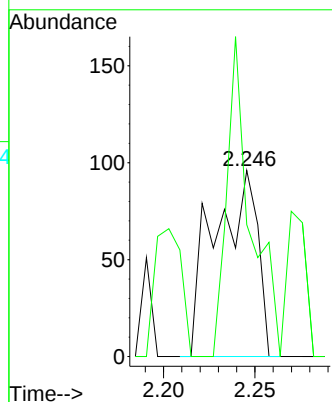
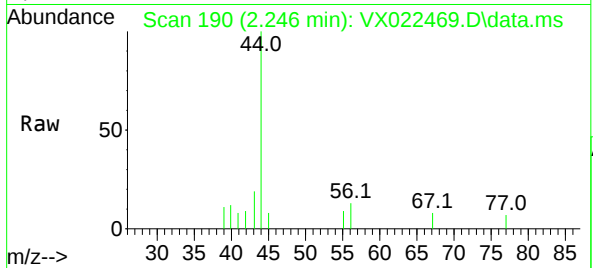




#13
Acrolein
Concen: 1.083 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX022469.D
Acq: 05 Jun 2021 14:10

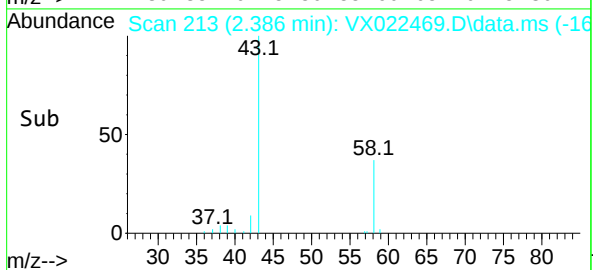
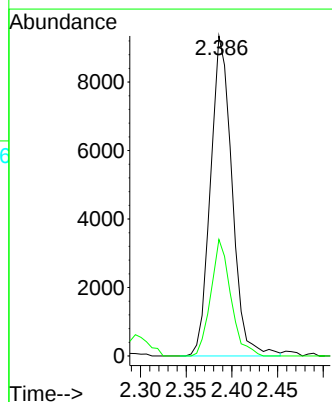
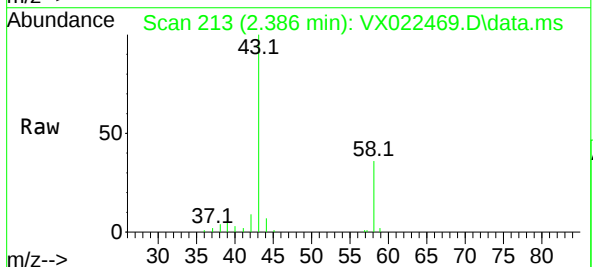
Instrument :
MSVOA_X
ClientSampled :

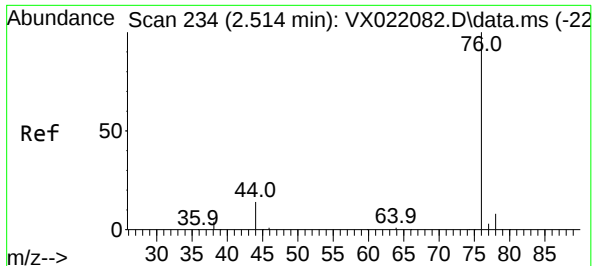
Tgt Ion: 56 Resp: 158
Ion Ratio Lower Upper
56 100
55 94.9 56.4 84.6#



#16
Acetone
Concen: 36.543 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022469.D
Acq: 05 Jun 2021 14:10

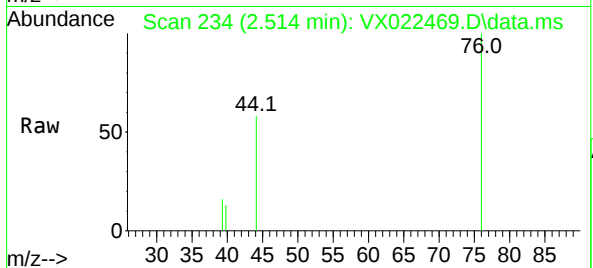
Tgt Ion: 43 Resp: 15309
Ion Ratio Lower Upper
43 100
58 36.4 27.8 41.8



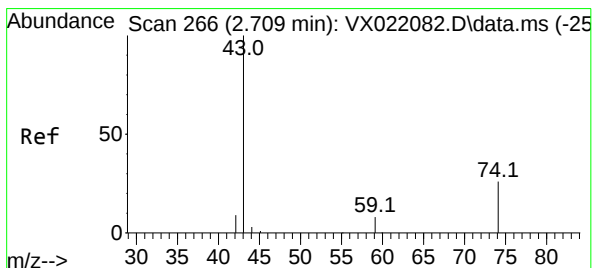
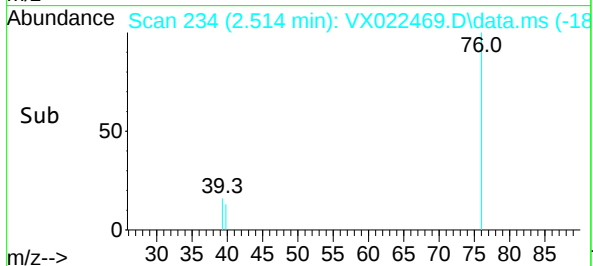
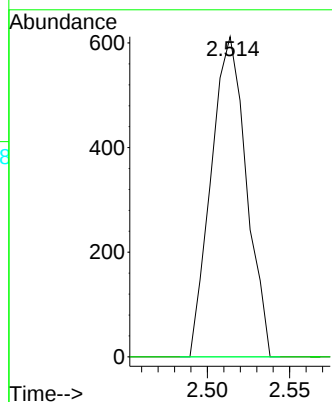


#17
Carbon Disulfide
Concen: 0.488 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022469.D
Acq: 05 Jun 2021 14:10

Instrument :
MSVOA_X
ClientSampled :

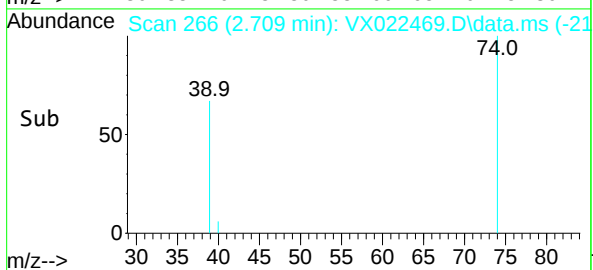
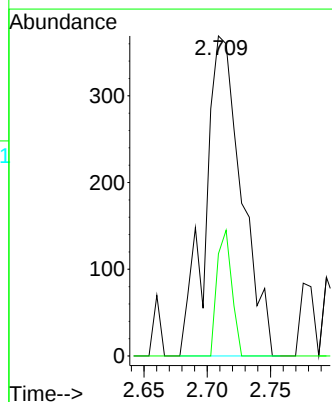
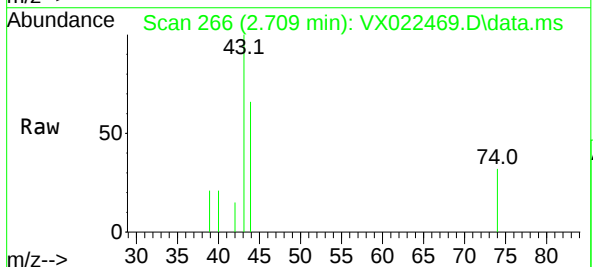


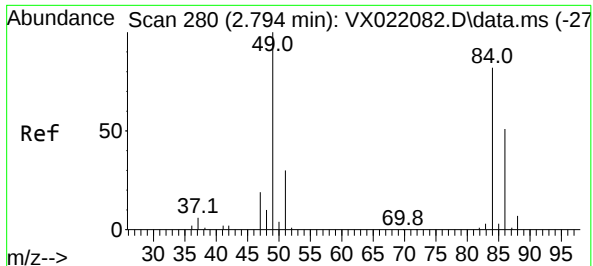
Tgt Ion: 76 Resp: 914
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.662 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX022469.D
Acq: 05 Jun 2021 14:10

Tgt Ion: 43 Resp: 738
Ion Ratio Lower Upper
43 100
74 15.9 21.9 32.9#





#20

Methylene Chloride

Concen: 3.659 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX022469.D

Acq: 05 Jun 2021 14:10

Tgt Ion: 84 Resp: 3403

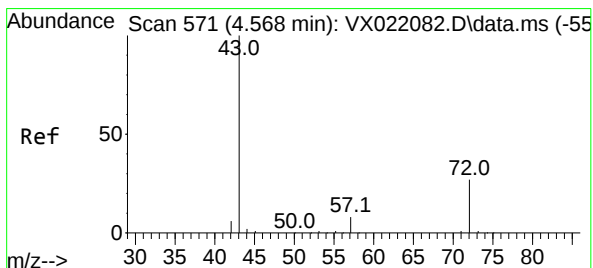
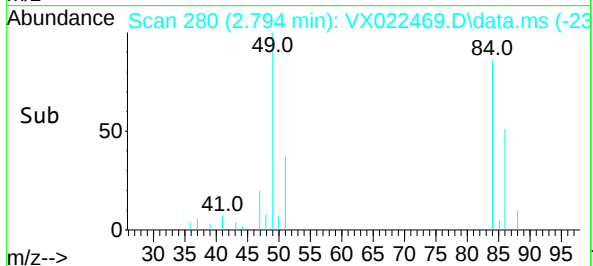
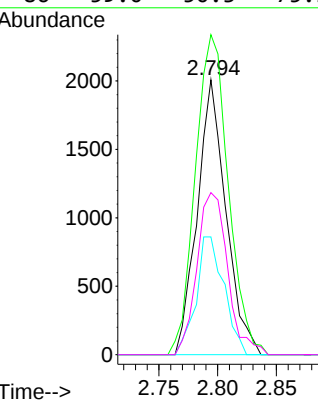
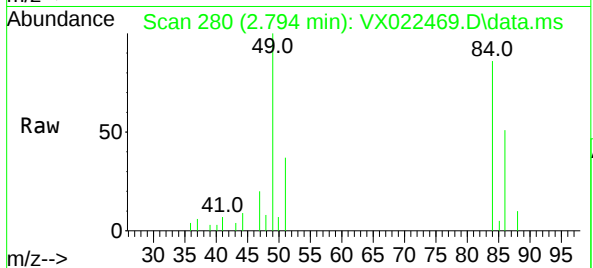
Ion Ratio Lower Upper

84 100

49 116.4 88.6 132.8

51 42.8 27.0 40.6#

86 59.0 50.3 75.5



#25

2-Butanone

Concen: 6.204 ug/l

RT: 4.587 min Scan# 574

Delta R.T. 0.019 min

Lab File: VX022469.D

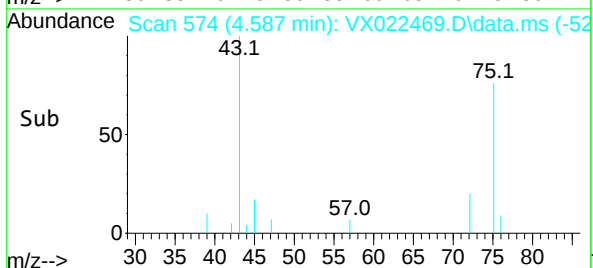
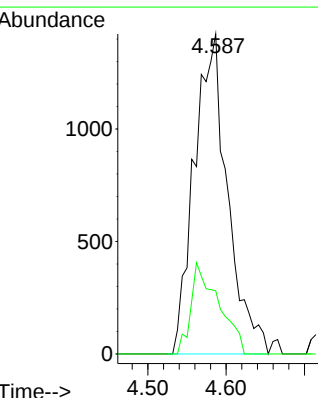
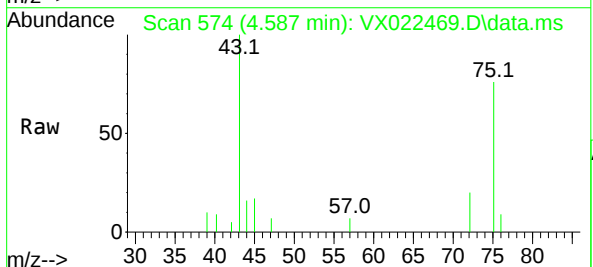
Acq: 05 Jun 2021 14:10

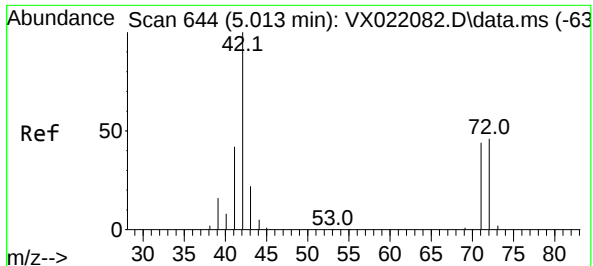
Tgt Ion: 43 Resp: 4205

Ion Ratio Lower Upper

43 100

72 19.7 23.7 35.5#





#29

Tetrahydrofuran

Concen: 0.597 ug/l

RT: 5.013 min Scan# 644

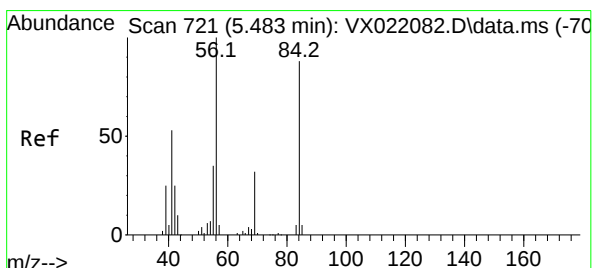
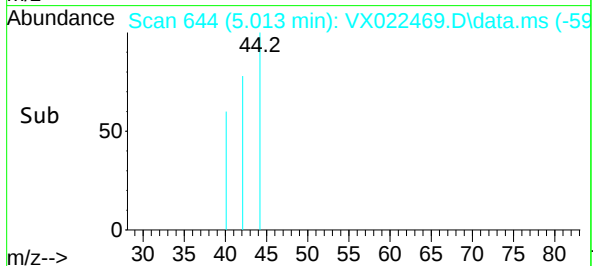
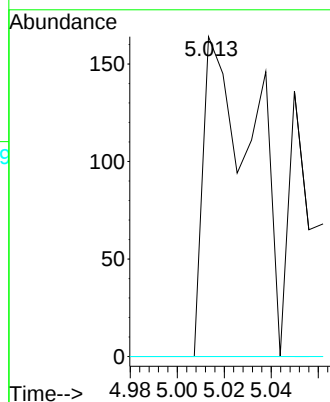
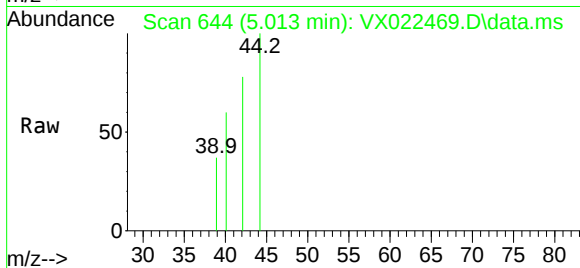
Delta R.T. 0.000 min

Lab File: VX022469.D

Acq: 05 Jun 2021 14:10

Tgt Ion:	42	Resp:	241
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	0.0	38.4	57.6#

Instrument :
MSVOA_X
ClientSampled :



#31

Cyclohexane

Concen: 1.446 ug/l

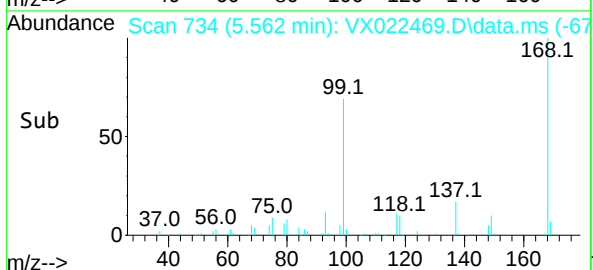
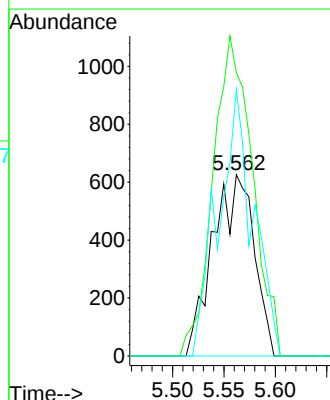
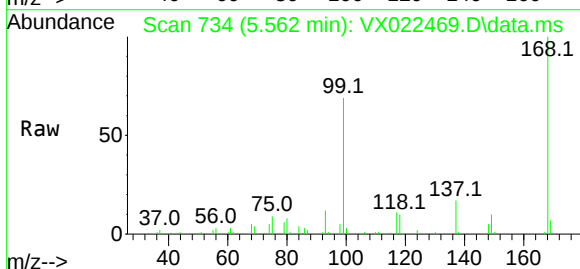
RT: 5.562 min Scan# 734

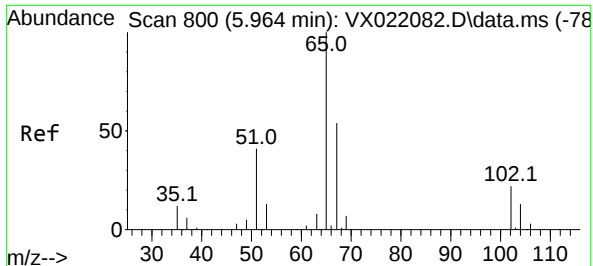
Delta R.T. 0.079 min

Lab File: VX022469.D

Acq: 05 Jun 2021 14:10

Tgt Ion:	56	Resp:	1748
Ion	Ratio	Lower	Upper
56	100		
69	156.2	25.3	37.9#
84	147.1	71.4	107.0#



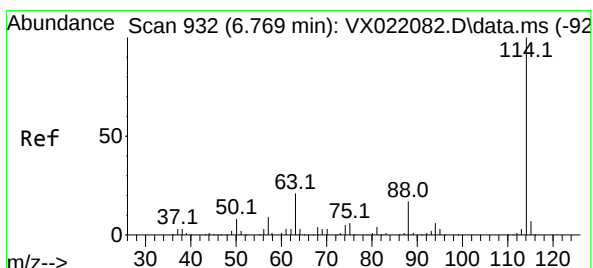
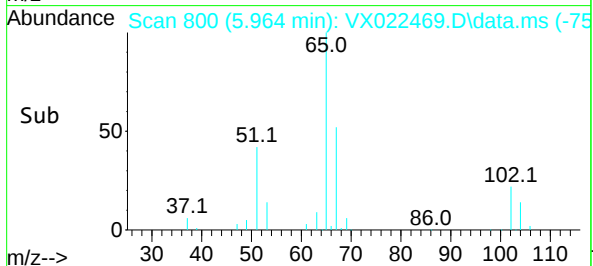
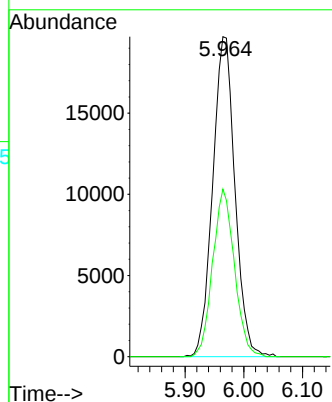
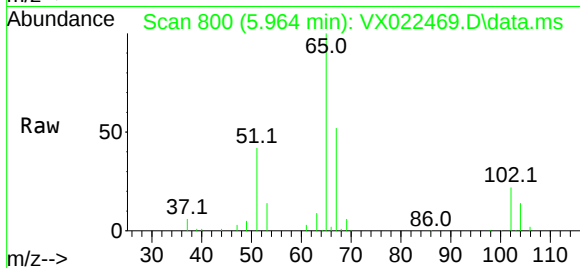


#33

1,2-Dichloroethane-d4
Concen: 53.874 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022469.D
Acq: 05 Jun 2021 14:10

Instrument :
MSVOA_X
ClientSampled :

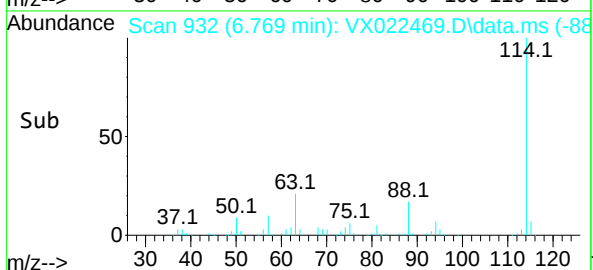
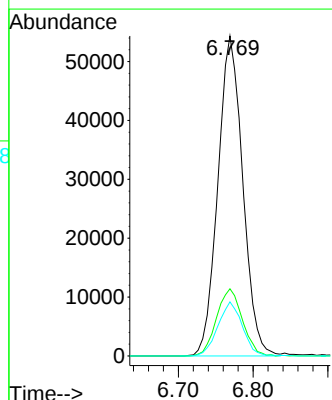
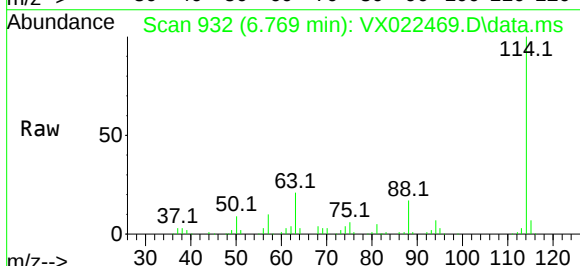
Tgt Ion: 65 Resp: 51832
Ion Ratio Lower Upper
65 100
67 51.1 0.0 105.4

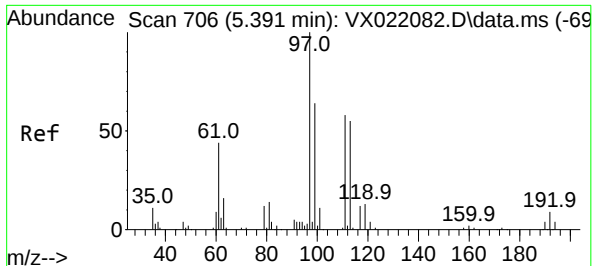


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022469.D
Acq: 05 Jun 2021 14:10

Tgt Ion: 114 Resp: 126010
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.8
88 16.9 0.0 32.8

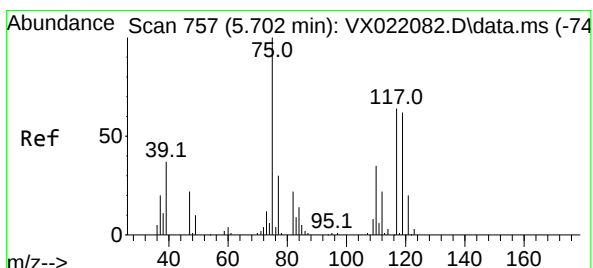
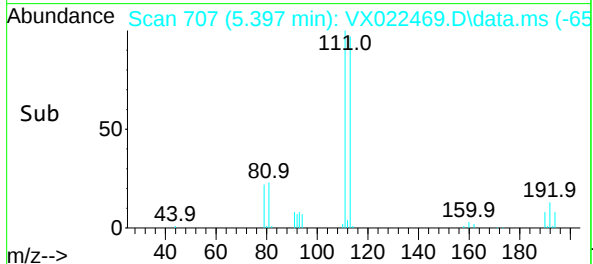
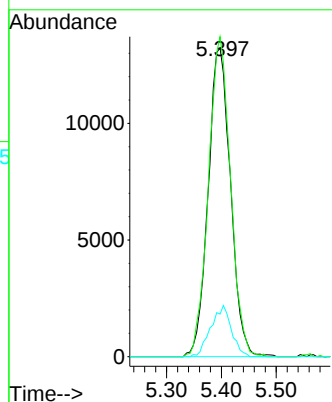
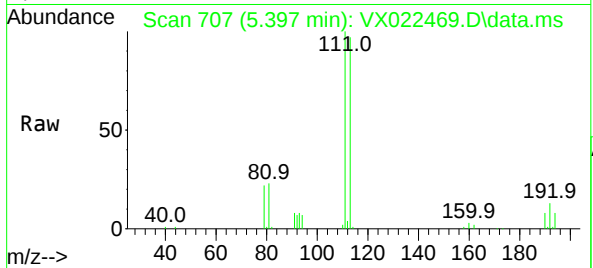




#35
Dibromofluoromethane
Concen: 46.976 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022469.D
Acq: 05 Jun 2021 14:10

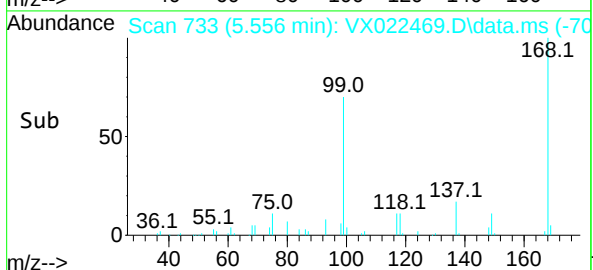
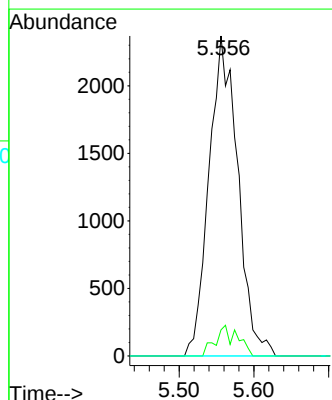
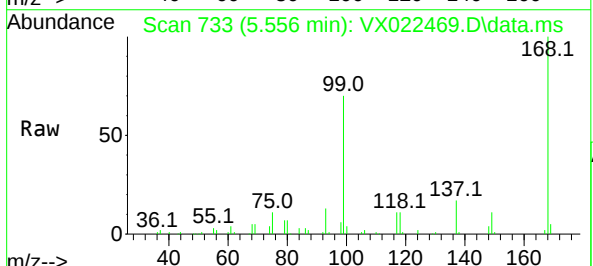
Instrument :
MSVOA_X
ClientSampled :

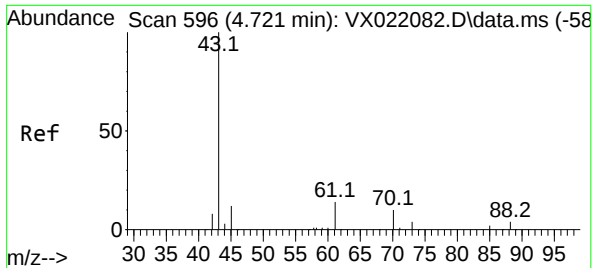
Tgt Ion:113 Resp: 37538
Ion Ratio Lower Upper
113 100
111 102.2 81.9 122.9
192 15.2 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 5.433 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022469.D
Acq: 05 Jun 2021 14:10

Tgt Ion: 75 Resp: 6331
Ion Ratio Lower Upper
75 100
110 7.3 18.1 54.4#
77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 2.944 ug/l

RT: 4.587 min Scan# 574

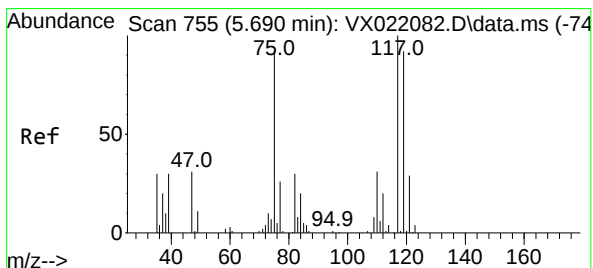
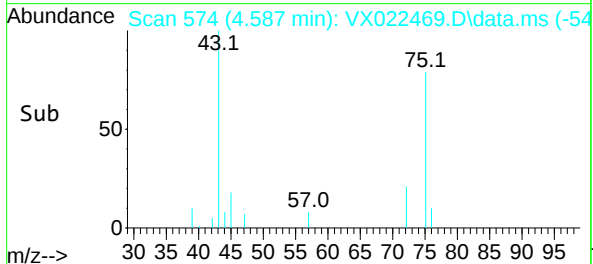
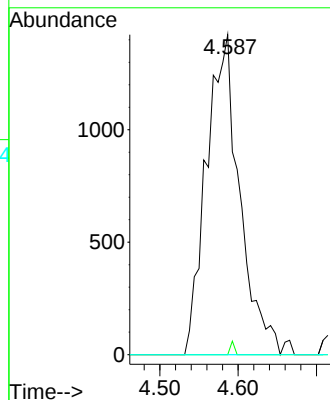
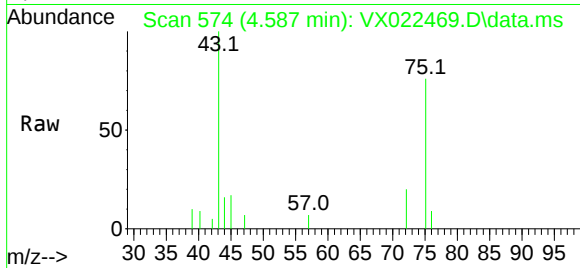
Delta R.T. -0.134 min

Lab File: VX022469.D

Acq: 05 Jun 2021 14:10

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43	Resp: 4205
Ion Ratio	Lower Upper
43 100	
61 0.5	12.8 19.2#
70 0.0	10.5 15.7#



#38

Carbon Tetrachloride

Concen: 6.534 ug/l

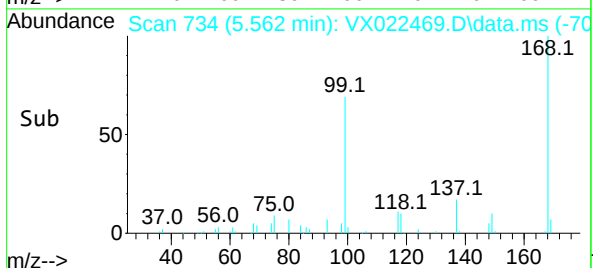
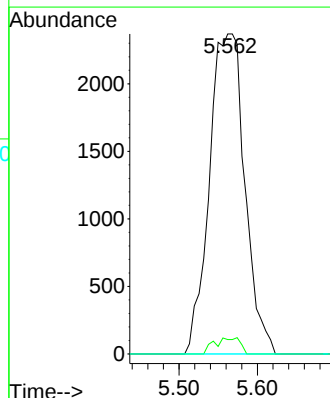
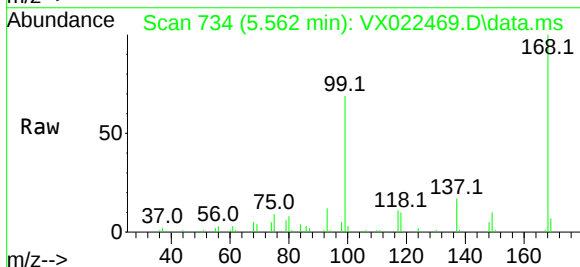
RT: 5.562 min Scan# 734

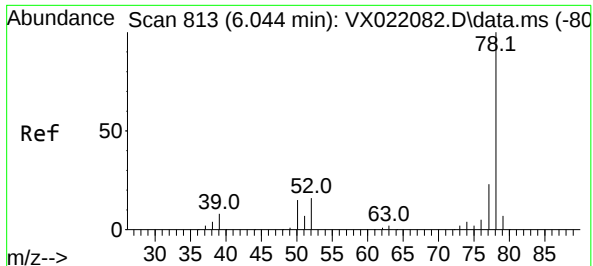
Delta R.T. -0.128 min

Lab File: VX022469.D

Acq: 05 Jun 2021 14:10

Tgt Ion: 117	Resp: 7448
Ion Ratio	Lower Upper
117 100	
119 4.5	76.2 114.2#
121 0.0	24.8 37.2#

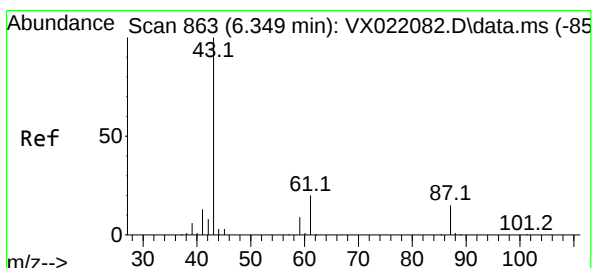
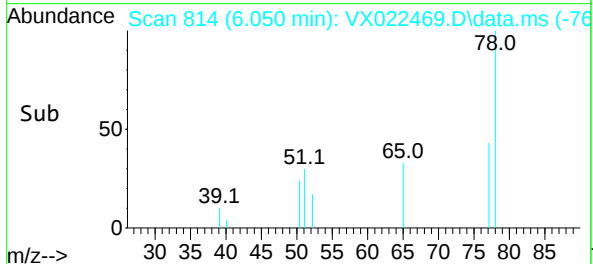
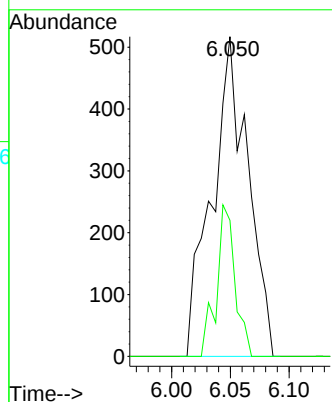
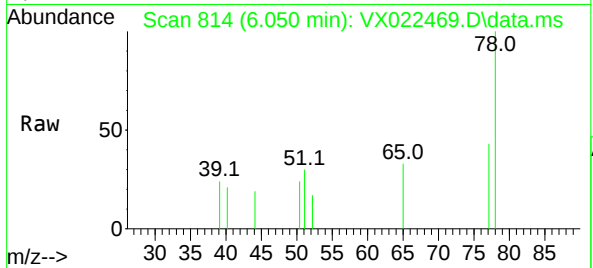




#40
Benzene
Concen: 0.308 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX022469.D
Acq: 05 Jun 2021 14:10

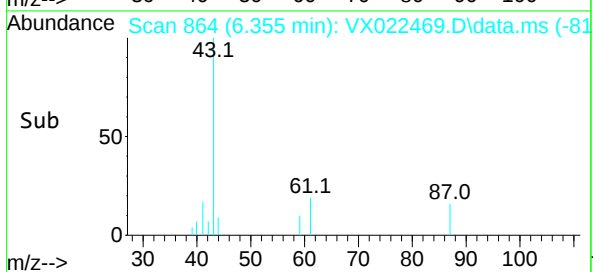
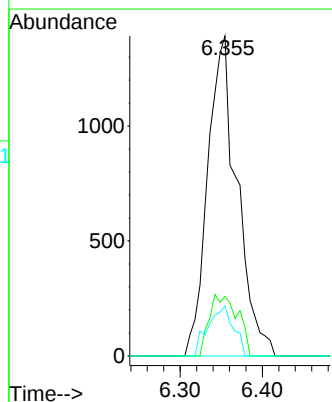
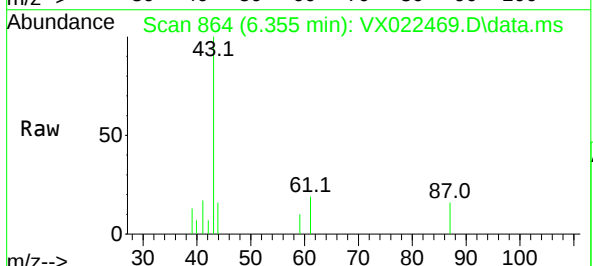
Instrument :
MSVOA_X
ClientSampled :

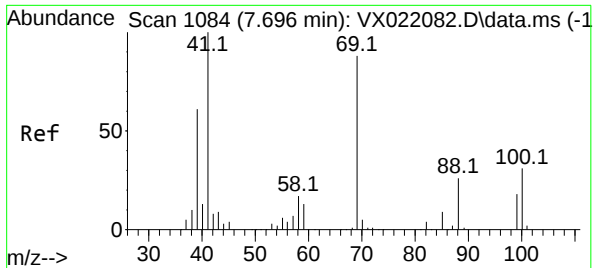
Tgt Ion: 78 Resp: 1103
Ion Ratio Lower Upper
78 100
77 42.6 18.9 28.3#



#43
Isopropyl Acetate
Concen: 1.483 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.006 min
Lab File: VX022469.D
Acq: 05 Jun 2021 14:10

Tgt Ion: 43 Resp: 3465
Ion Ratio Lower Upper
43 100
61 18.5 18.2 27.4
87 13.5 12.5 18.7

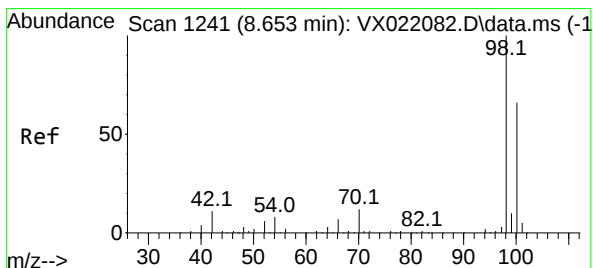
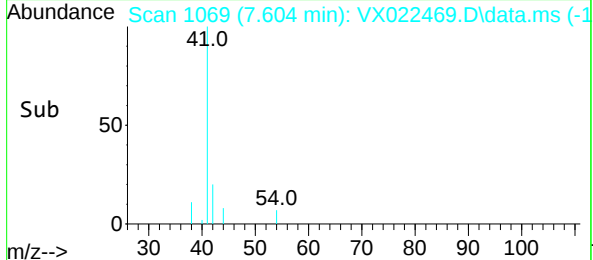
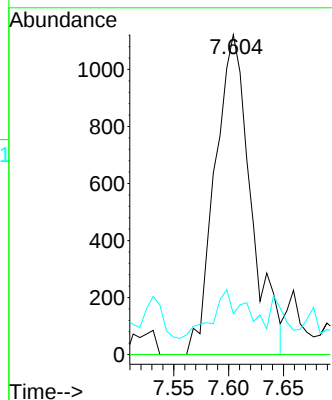
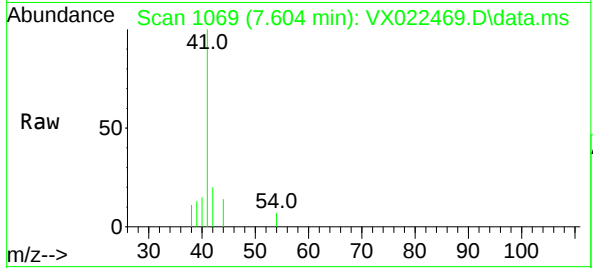




#48
Methyl methacrylate
Concen: 2.371 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.092 min
Lab File: VX022469.D
Acq: 05 Jun 2021 14:10

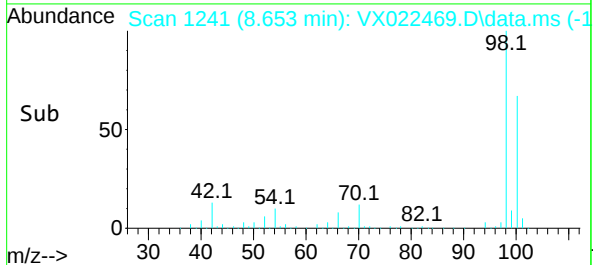
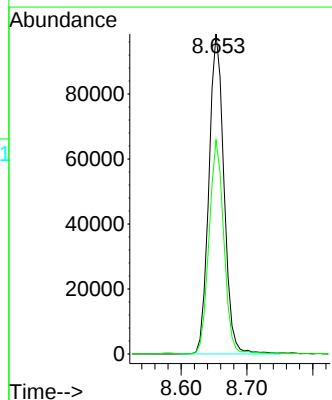
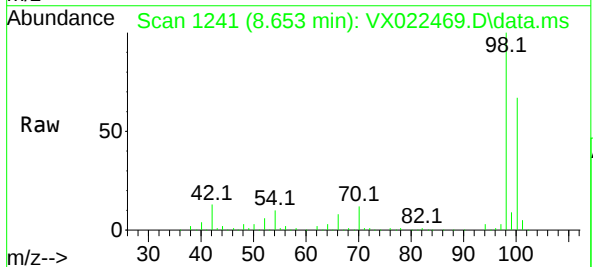
Instrument :
MSVOA_X
ClientSampleId :

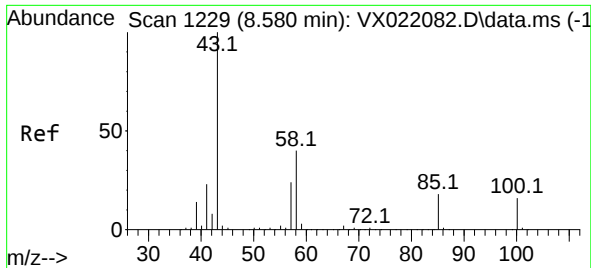
Tgt Ion: 41 Resp: 2553
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 15.6 44.6 67.0#



#50
Toluene-d8
Concen: 51.046 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022469.D
Acq: 05 Jun 2021 14:10

Tgt Ion: 98 Resp: 157129
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9

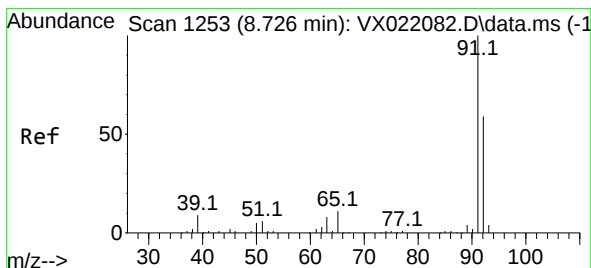
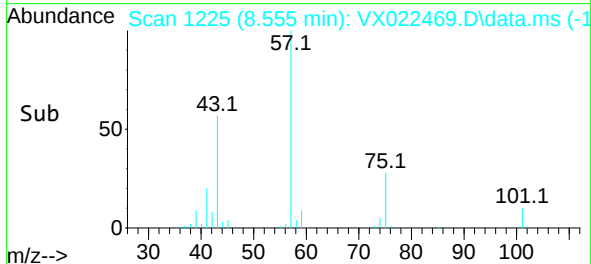
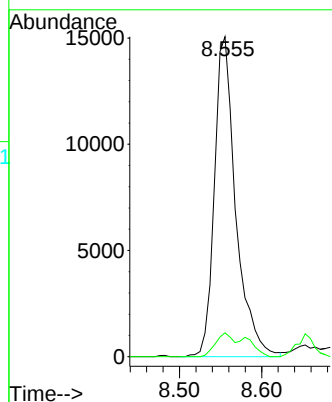
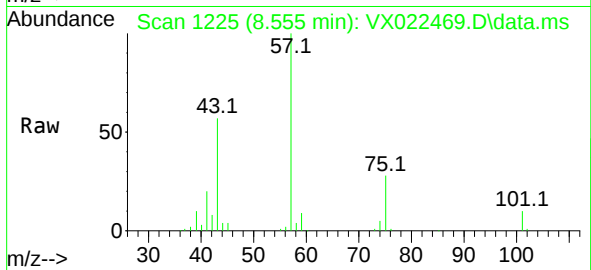




#51
4-Methyl-2-Pentanone
Concen: 19.443 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022469.D
Acq: 05 Jun 2021 14:10

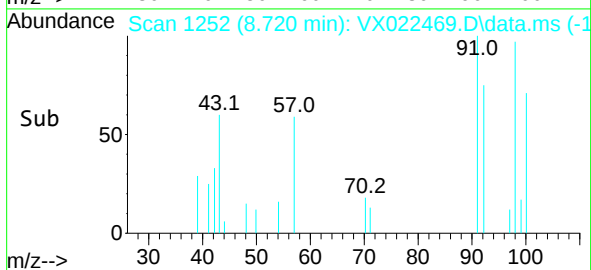
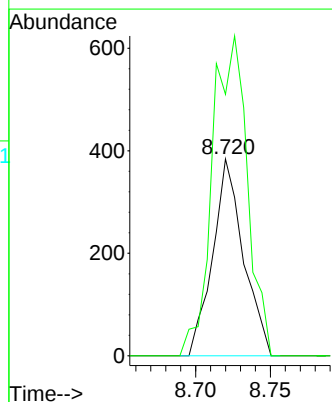
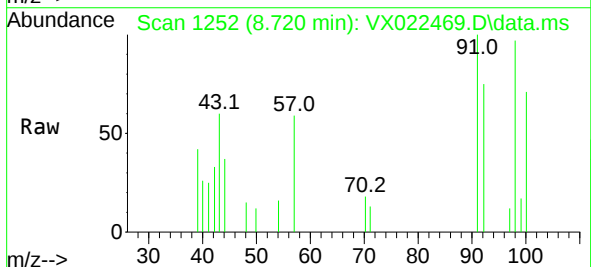
Instrument :
MSVOA_X
ClientSampled :

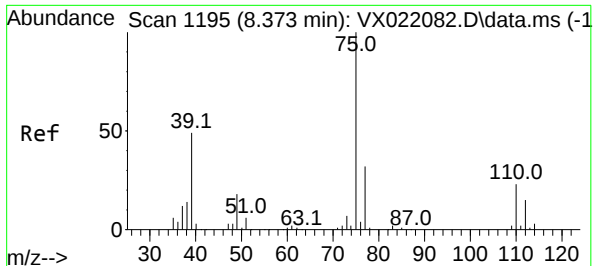
Tgt Ion: 43 Resp: 27211
Ion Ratio Lower Upper
43 100
58 6.2 35.4 53.0#



#52
Toluene
Concen: 0.242 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.006 min
Lab File: VX022469.D
Acq: 05 Jun 2021 14:10

Tgt Ion: 92 Resp: 549
Ion Ratio Lower Upper
92 100
91 184.5 137.1 205.7

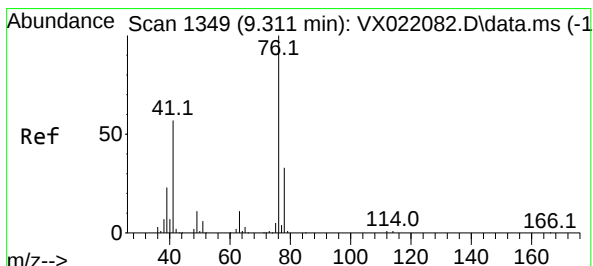
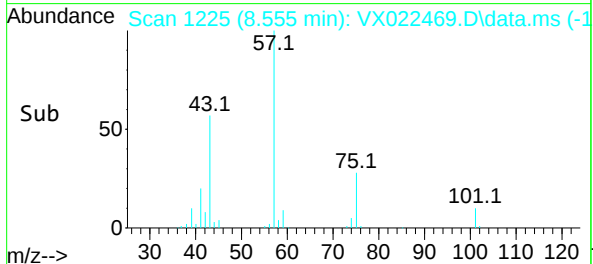
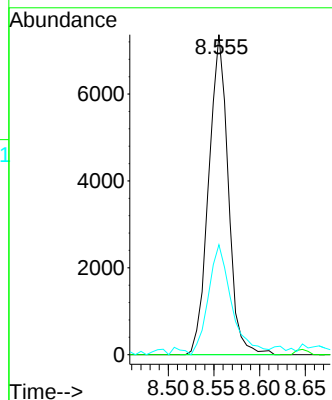
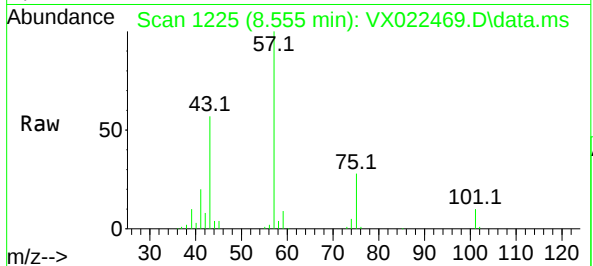




#54
 cis-1,3-Dichloropropene
 Concen: 7.088 ug/l
 RT: 8.555 min Scan# 1225
 Delta R.T. 0.182 min
 Lab File: VX022469.D
 Acq: 05 Jun 2021 14:10

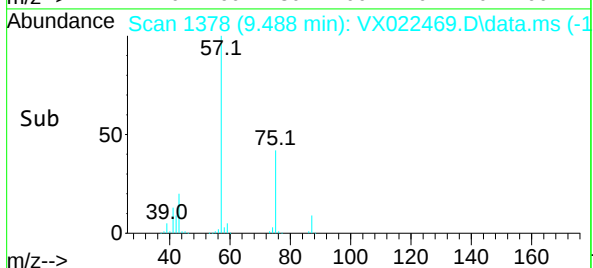
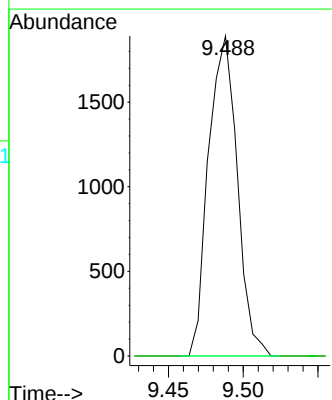
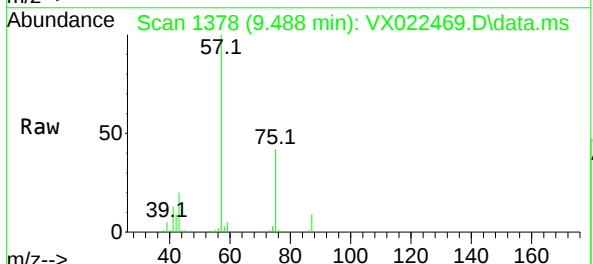
Instrument :
 MSVOA_X
 ClientSampled :

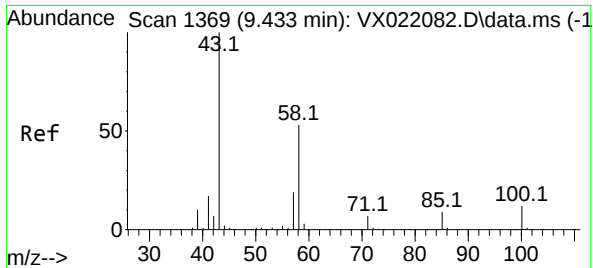
Tgt Ion: 75 Resp: 10922
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.7 38.5#
 39 32.9 35.1 52.7#



#57
 1,3-Dichloropropane
 Concen: 1.608 ug/l
 RT: 9.488 min Scan# 1378
 Delta R.T. 0.177 min
 Lab File: VX022469.D
 Acq: 05 Jun 2021 14:10

Tgt Ion: 76 Resp: 2530
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.2 39.2#

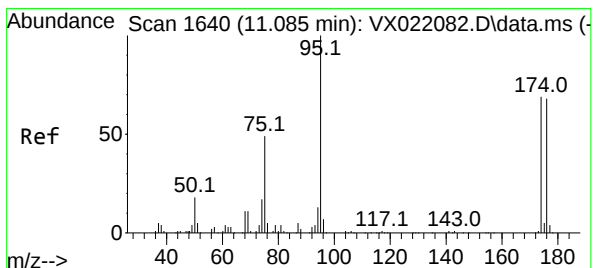
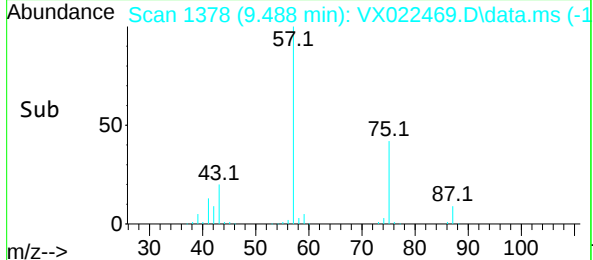
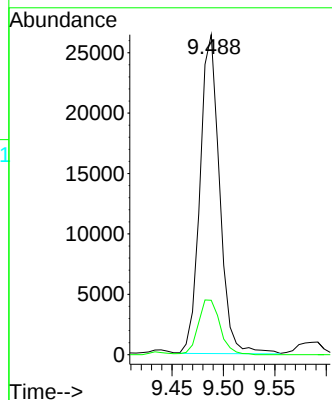
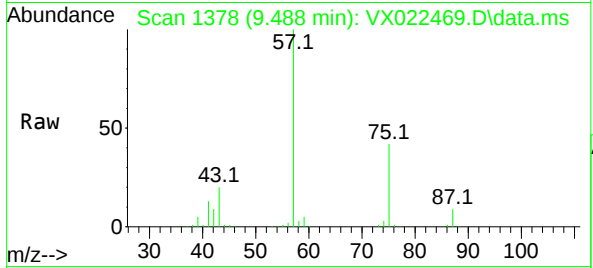




#59
2-Hexanone
Concen: 33.365 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022469.D
Acq: 05 Jun 2021 14:10

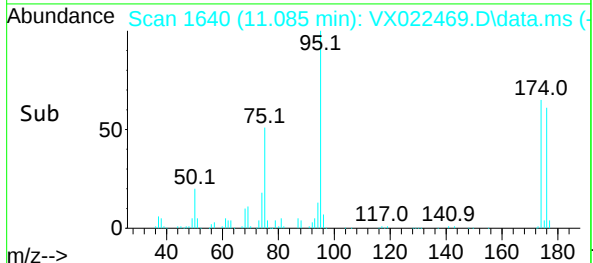
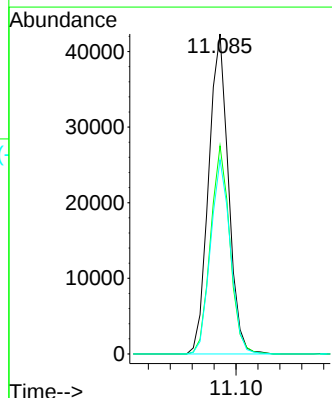
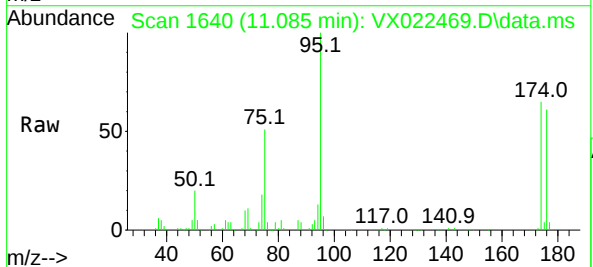
Instrument :
MSVOA_X
ClientSampled :

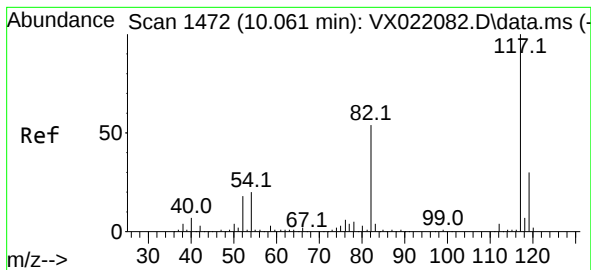
Tgt Ion: 43 Resp: 35119
Ion Ratio Lower Upper
43 100
58 19.1 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 46.604 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022469.D
Acq: 05 Jun 2021 14:10

Tgt Ion: 95 Resp: 53024
Ion Ratio Lower Upper
95 100
174 63.5 0.0 154.6
176 60.7 0.0 155.8

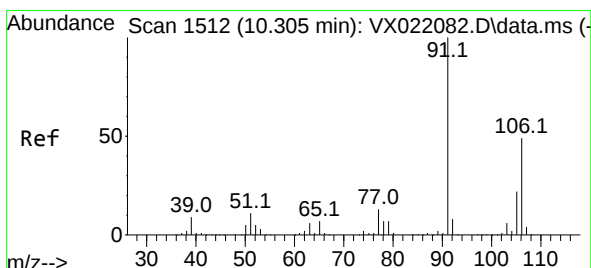
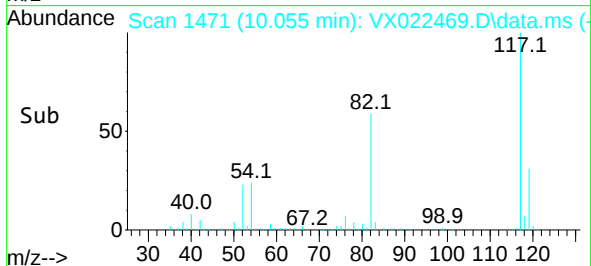
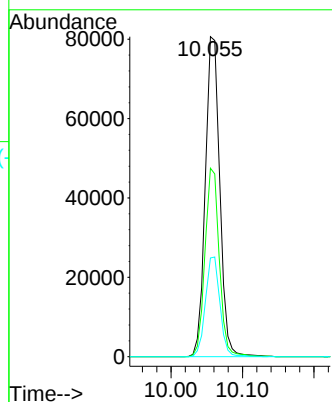
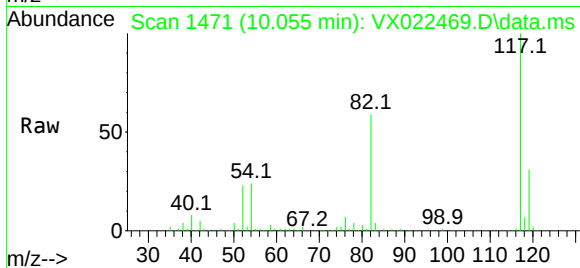




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022469.D
Acq: 05 Jun 2021 14:10

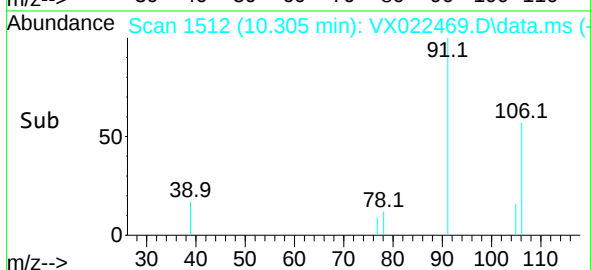
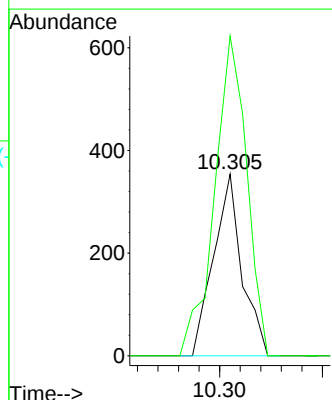
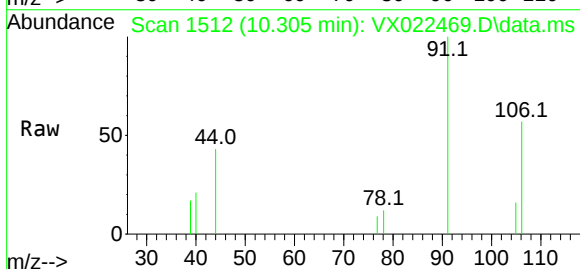
Instrument :
MSVOA_X
ClientSampled :

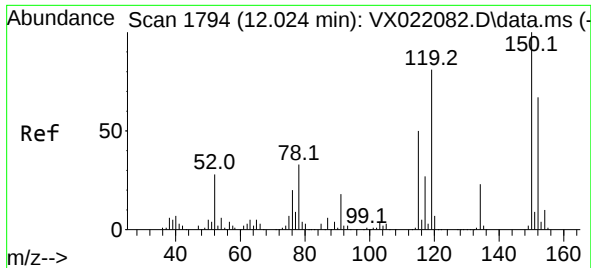
Tgt Ion:117 Resp: 113806
Ion Ratio Lower Upper
117 100
82 58.9 47.4 71.2
119 30.8 26.6 39.8



#68
m/p-Xylenes
Concen: 0.205 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX022469.D
Acq: 05 Jun 2021 14:10

Tgt Ion:106 Resp: 338
Ion Ratio Lower Upper
106 100
91 200.0 162.8 244.2

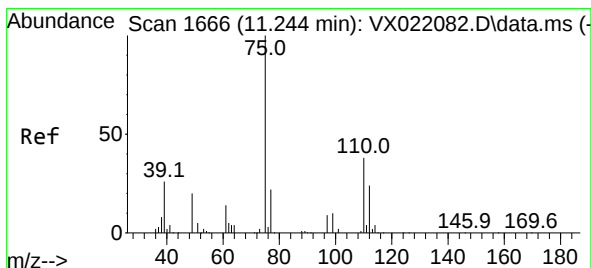
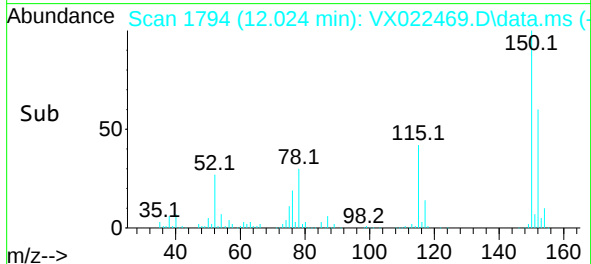
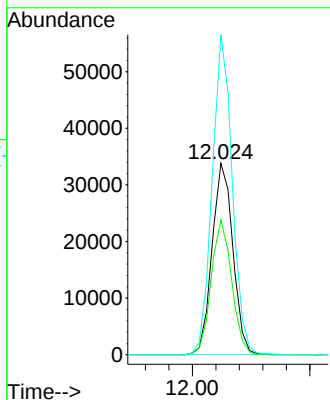
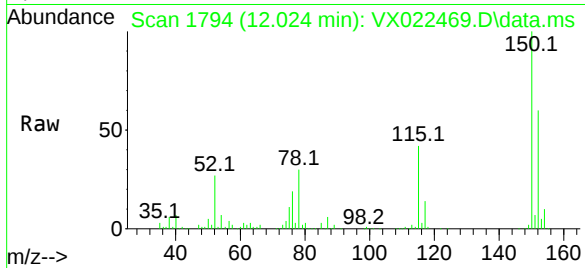




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022469.D
 Acq: 05 Jun 2021 14:10

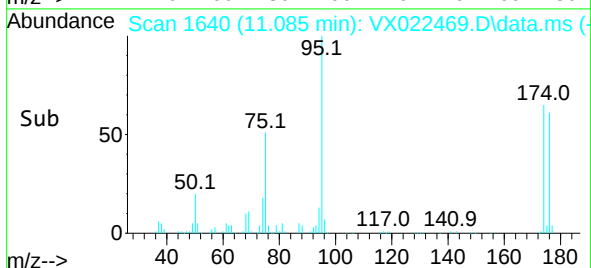
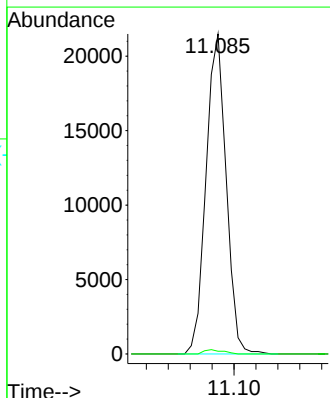
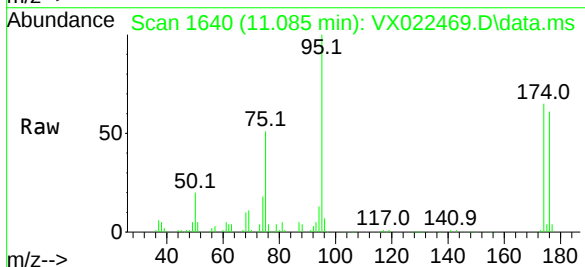
Instrument :
 MSVOA_X
 ClientSampleId :

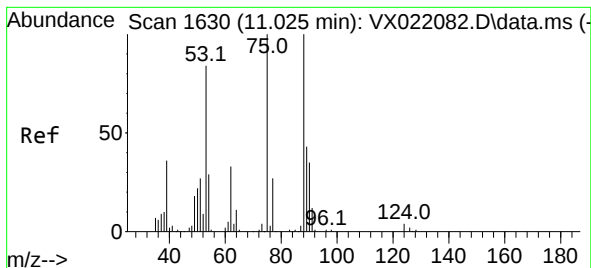
Tgt Ion:152 Resp: 41603
 Ion Ratio Lower Upper
 152 100
 115 69.2 41.1 123.3
 150 161.2 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.701 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022469.D
 Acq: 05 Jun 2021 14:10

Tgt Ion: 75 Resp: 27405
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#

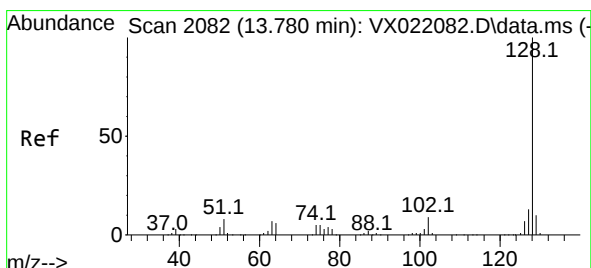
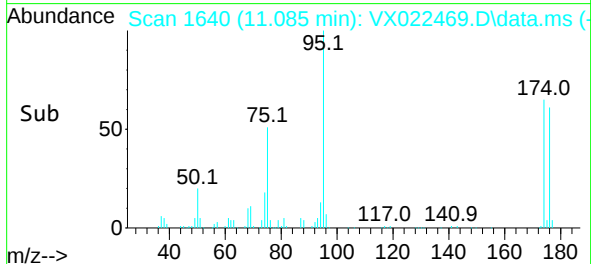
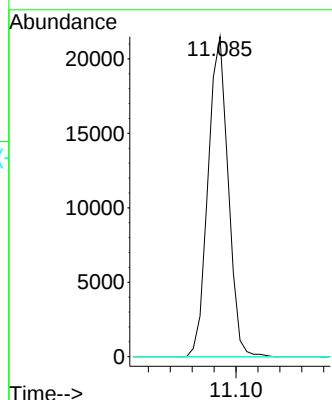
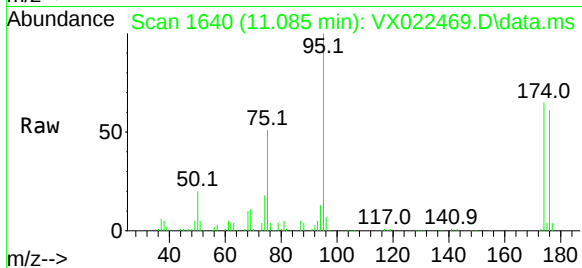




#81
trans-1,4-Dichloro-2-butene
Concen: 63.265 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022469.D
Acq: 05 Jun 2021 14:10

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 27405
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.758 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX022469.D
Acq: 05 Jun 2021 14:10

Tgt Ion: 128 Resp: 5721
Ion Ratio Lower Upper
128 100
127 14.3 10.3 15.5
129 12.7 8.8 13.2

