

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060421\
 Data File : VX022470.D
 Acq On : 05 Jun 2021 14:34
 Operator : JC/MD
 Sample : M2580-31
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

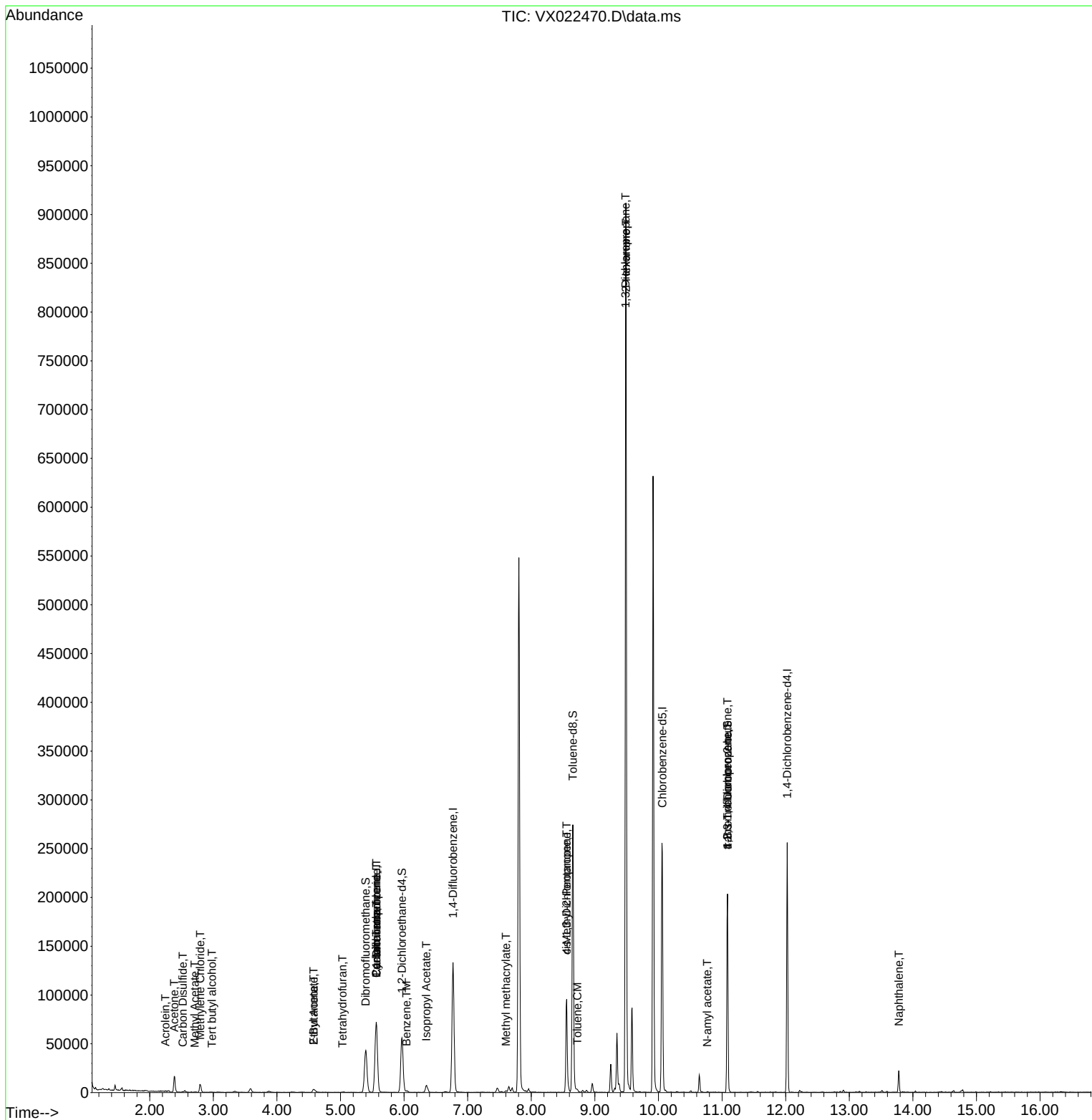
Quant Time: Jun 07 03:24:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

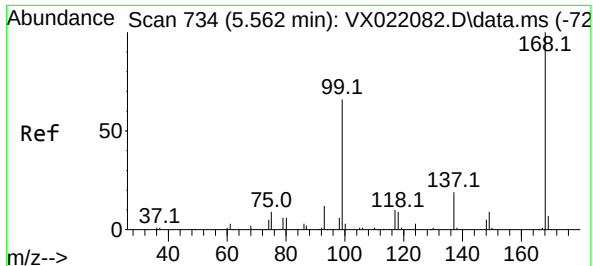
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	61496	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	128317	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	112126	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44819	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	52544	55.390	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	110.780%
35) Dibromofluoromethane	5.397	113	37343	45.891	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.780%
50) Toluene-d8	8.653	98	156454	49.913	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.820%
62) 4-Bromofluorobenzene	11.085	95	56156	48.469	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.940%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.977	59	205	0.945	ug/l	# 73
13) Acrolein	2.246	56	75	0.521	ug/l	# 1
16) Acetone	2.386	43	16689	40.404	ug/l	97
17) Carbon Disulfide	2.520	76	590	0.320	ug/l	# 75
18) Methyl Acetate	2.709	43	692	0.630	ug/l	# 70
20) Methylene Chloride	2.794	84	3661	3.992	ug/l	88
25) 2-Butanone	4.574	43	4229	6.329	ug/l	92
29) Tetrahydrofuran	5.032	42	341	0.857	ug/l	# 62
31) Cyclohexane	5.562	56	1763	1.479	ug/l	# 1
36) 1,1-Dichloropropene	5.562	75	5869	4.946	ug/l	# 49
37) Ethyl Acetate	4.574	43	4229	2.907	ug/l	# 64
38) Carbon Tetrachloride	5.562	117	7154	6.164	ug/l	# 15
40) Benzene	6.038	78	1745	0.478	ug/l	94
43) Isopropyl Acetate	6.348	43	9664	4.062	ug/l	96
48) Methyl methacrylate	7.604	41	2623	2.392	ug/l	# 10
51) 4-Methyl-2-Pentanone	8.555	43	34806	24.423	ug/l	# 47
52) Toluene	8.726	92	514	0.222	ug/l	84
54) cis-1,3-Dichloropropene	8.555	75	15392	9.810	ug/l	# 68
57) 1,3-Dichloropropane	9.482	76	8042	5.019	ug/l	# 42
59) 2-Hexanone	9.488	43	105636	98.556	ug/l	# 44
74) N-amyl acetate	10.768	43	565	0.314	ug/l	# 38
76) 1,2,3-Trichloropropane	11.085	75	29575	26.748	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	29575	63.375	ug/l	# 12
95) Naphthalene	13.780	128	12412	3.541	ug/l	98

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

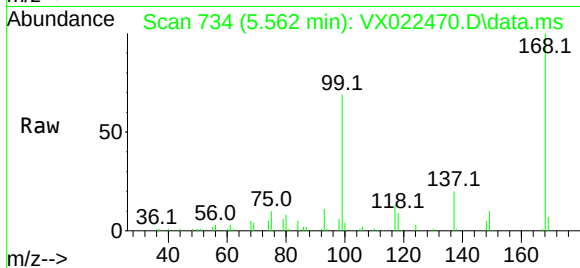
Quant Time: Jun 07 03:24:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration



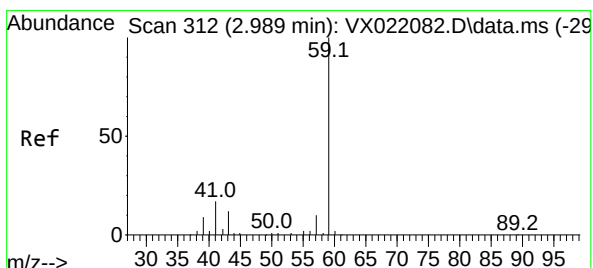
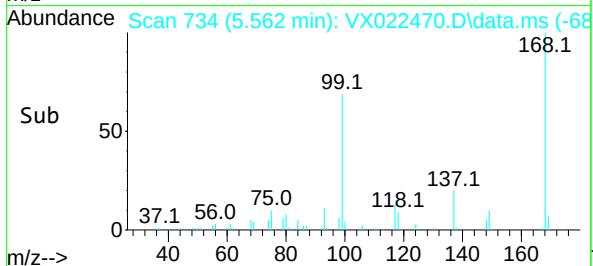
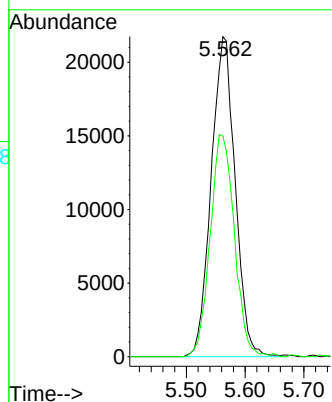


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022470.D
Acq: 05 Jun 2021 14:34

Instrument :
MSVOA_X
ClientSampleId :

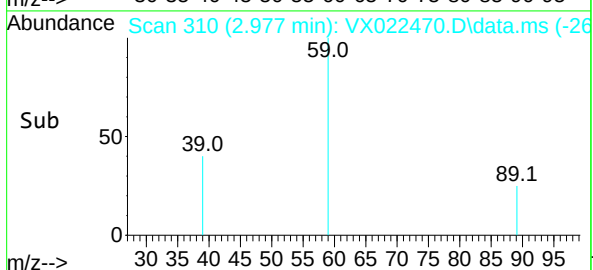
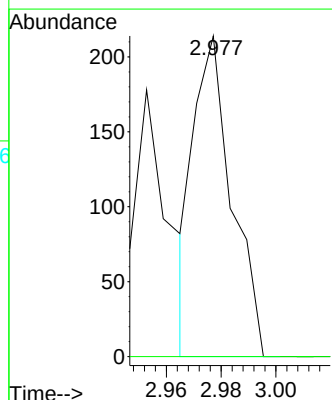
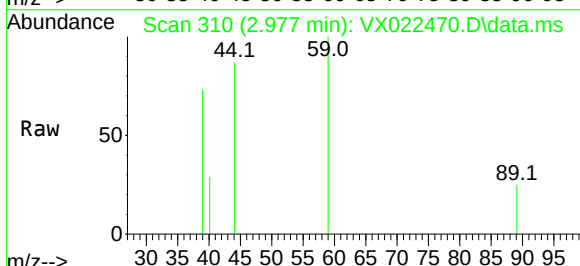


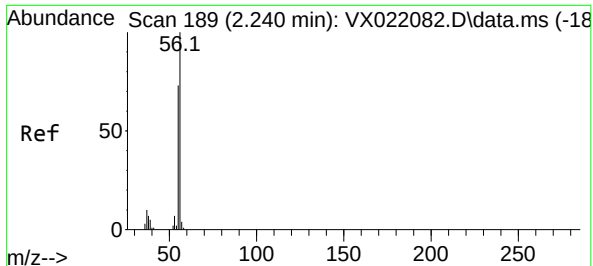
Tgt Ion:168 Resp: 61496
Ion Ratio Lower Upper
168 100
99 68.9 45.8 68.6#



#11
Tert butyl alcohol
Concen: 0.945 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.012 min
Lab File: VX022470.D
Acq: 05 Jun 2021 14:34

Tgt Ion: 59 Resp: 205
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

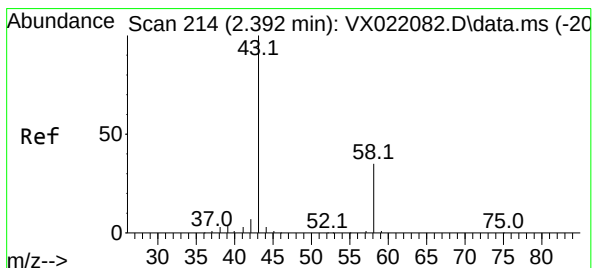
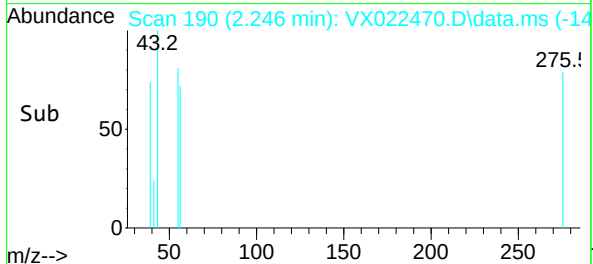
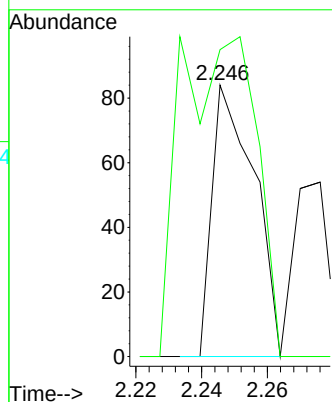
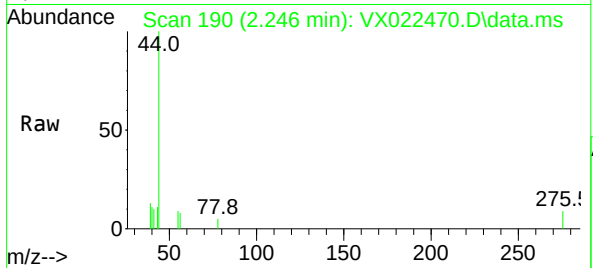




#13
Acrolein
Concen: 0.521 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX022470.D
Acq: 05 Jun 2021 14:34

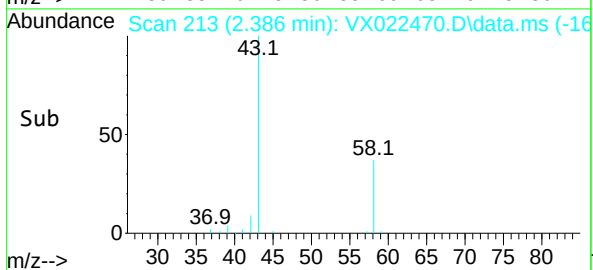
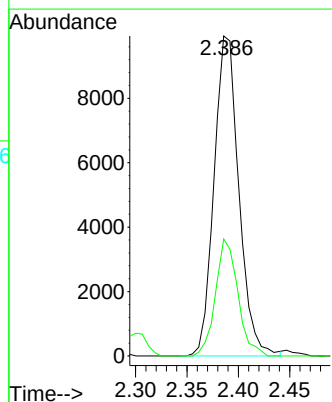
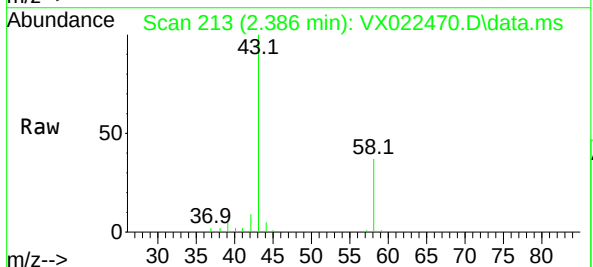
Instrument :
MSVOA_X
ClientSampleId :

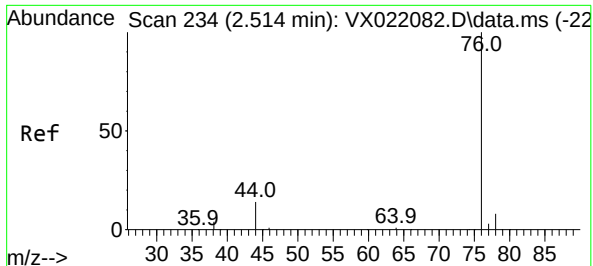
Tgt Ion: 56 Resp: 75
Ion Ratio Lower Upper
56 100
55 209.3 56.4 84.6#



#16
Acetone
Concen: 40.404 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022470.D
Acq: 05 Jun 2021 14:34

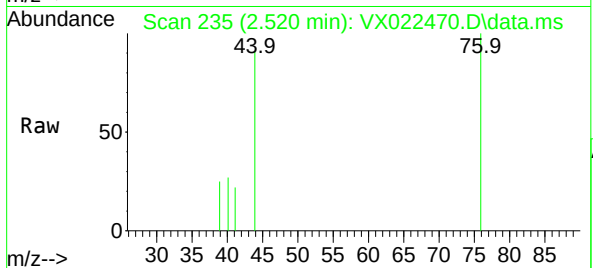
Tgt Ion: 43 Resp: 16689
Ion Ratio Lower Upper
43 100
58 36.6 27.8 41.8



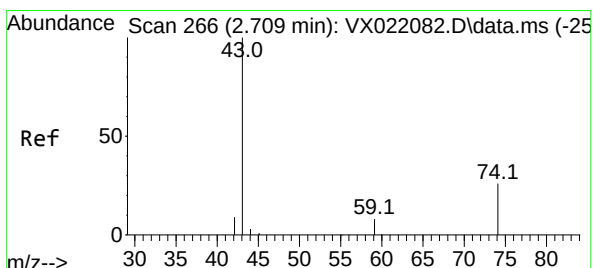
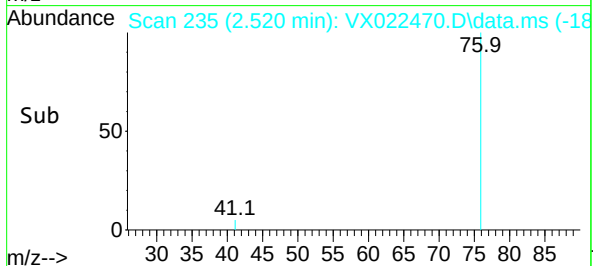
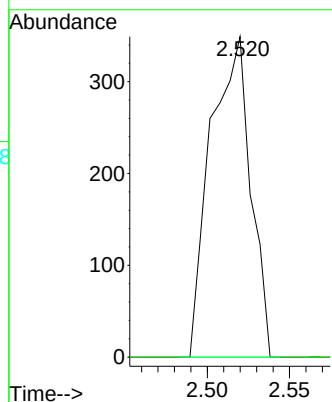


#17
Carbon Disulfide
Concen: 0.320 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX022470.D
Acq: 05 Jun 2021 14:34

Instrument :
MSVOA_X
ClientSampled :

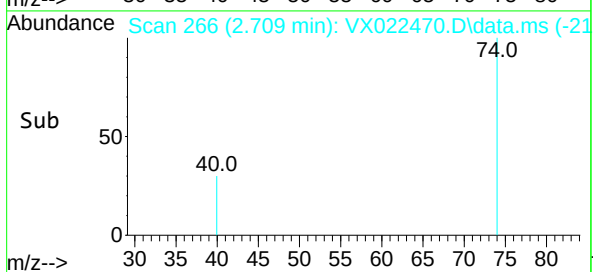
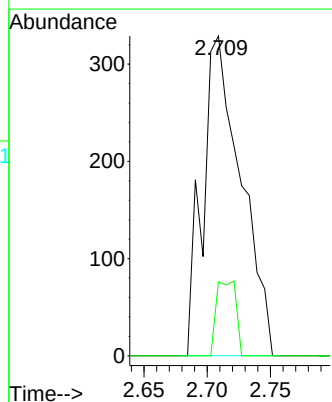
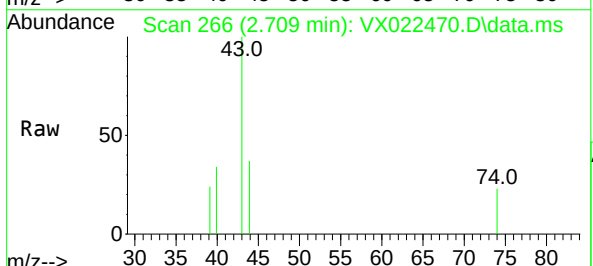


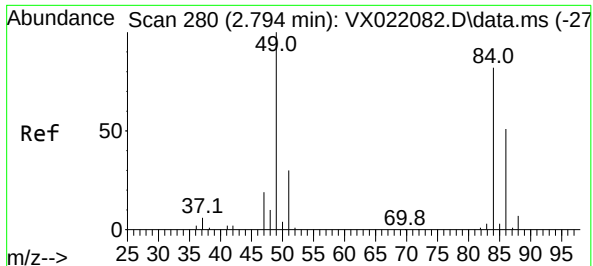
Tgt Ion: 76 Resp: 590
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.630 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX022470.D
Acq: 05 Jun 2021 14:34

Tgt Ion: 43 Resp: 692
Ion Ratio Lower Upper
43 100
74 12.0 21.9 32.9#





#20

Methylene Chloride

Concen: 3.992 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX022470.D

Acq: 05 Jun 2021 14:34

Tgt Ion: 84 Resp: 3661

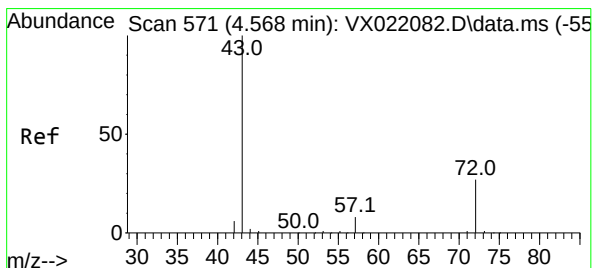
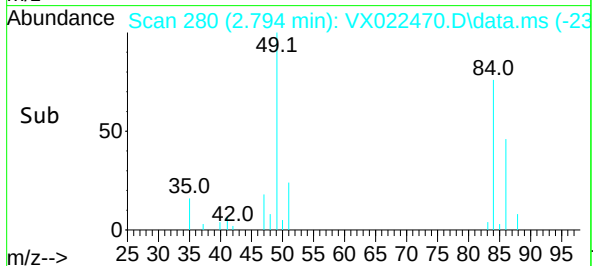
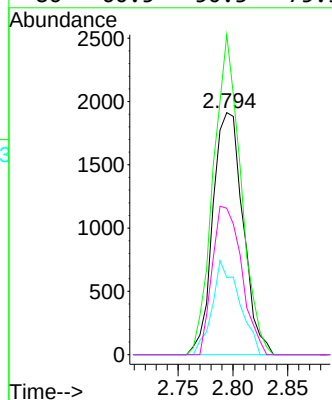
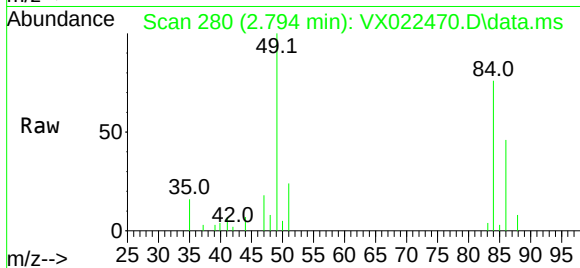
Ion Ratio Lower Upper

84 100

49 132.2 88.6 132.8

51 32.0 27.0 40.6

86 60.5 50.3 75.5



#25

2-Butanone

Concen: 6.329 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.006 min

Lab File: VX022470.D

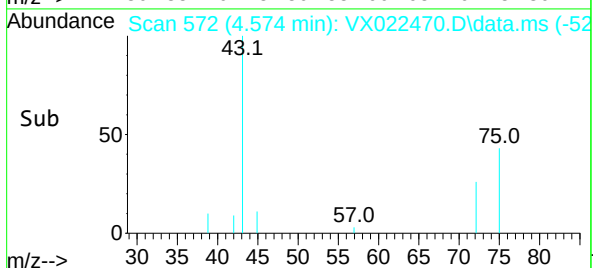
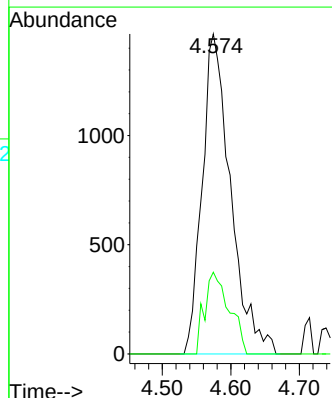
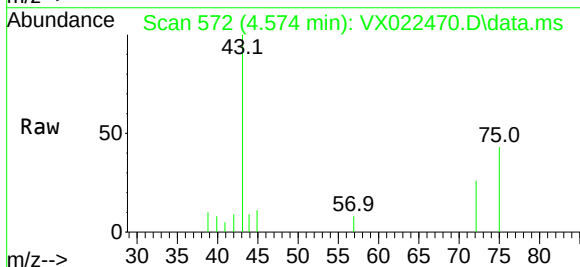
Acq: 05 Jun 2021 14:34

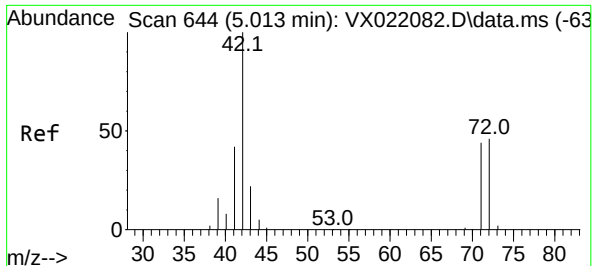
Tgt Ion: 43 Resp: 4229

Ion Ratio Lower Upper

43 100

72 25.5 23.7 35.5





#29

Tetrahydrofuran

Concen: 0.857 ug/l

RT: 5.032 min Scan# 647

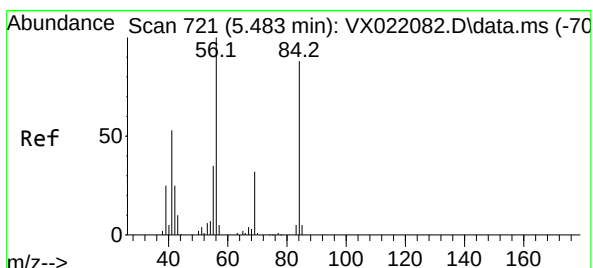
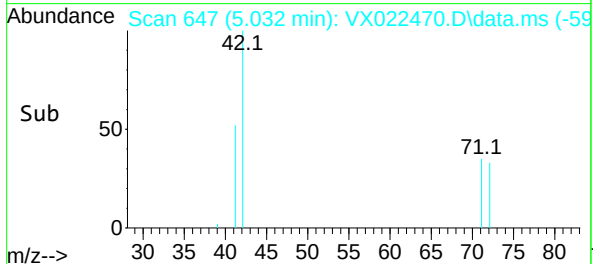
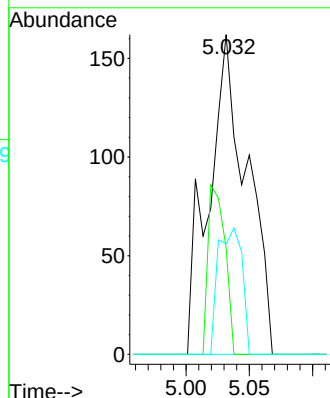
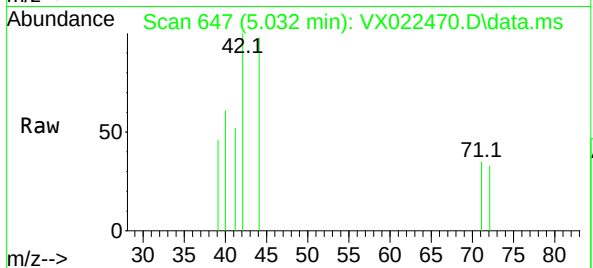
Delta R.T. 0.019 min

Lab File: VX022470.D

Acq: 05 Jun 2021 14:34

Tgt Ion:	42	Resp:	341
Ion	Ratio	Lower	Upper
42	100		
72	23.5	41.7	62.5#
71	24.6	38.4	57.6#

Instrument :
MSVOA_X
ClientSampled :



#31

Cyclohexane

Concen: 1.479 ug/l

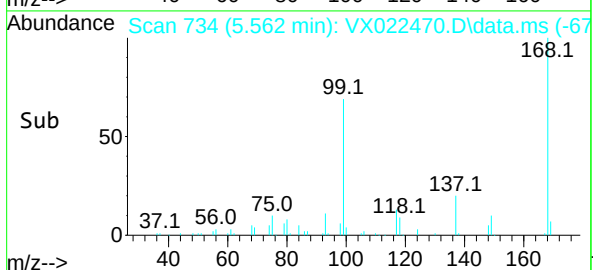
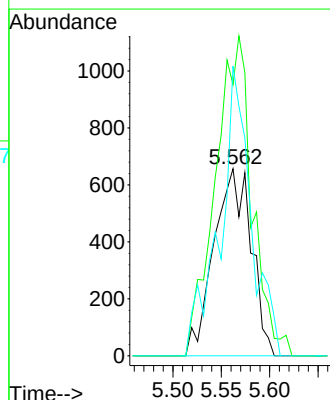
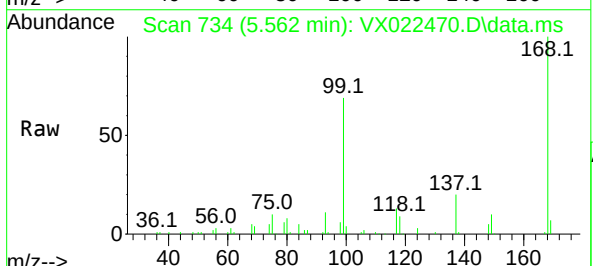
RT: 5.562 min Scan# 734

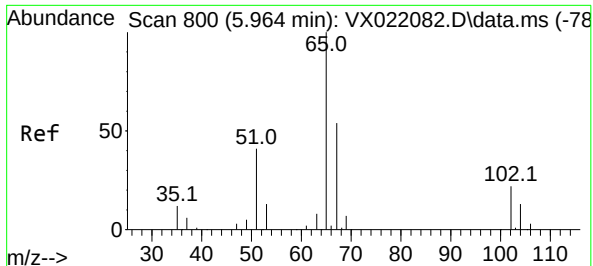
Delta R.T. 0.079 min

Lab File: VX022470.D

Acq: 05 Jun 2021 14:34

Tgt Ion:	56	Resp:	1763
Ion	Ratio	Lower	Upper
56	100		
69	144.9	25.3	37.9#
84	154.8	71.4	107.0#



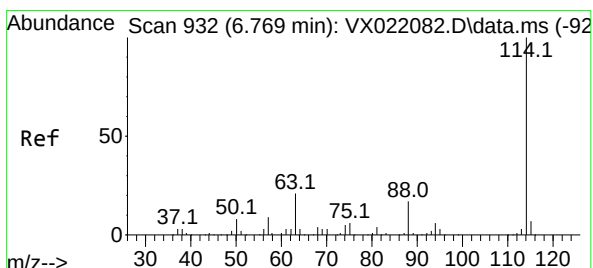
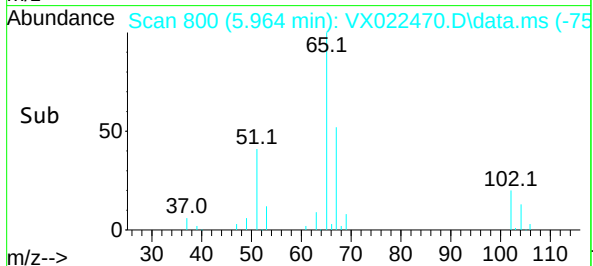
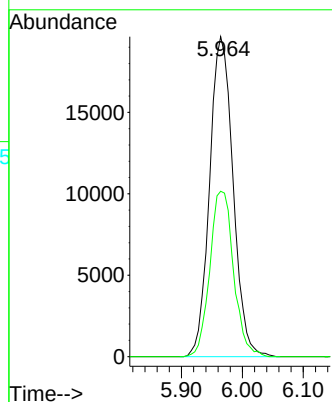
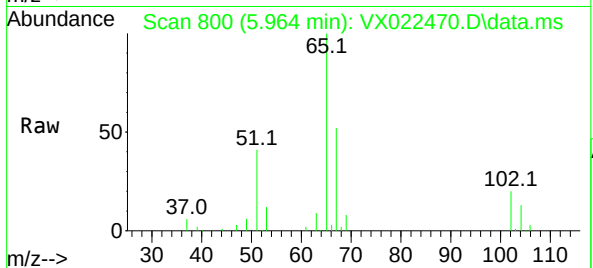


#33

1,2-Dichloroethane-d4
Concen: 55.390 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022470.D
Acq: 05 Jun 2021 14:34

Instrument :
MSVOA_X
ClientSampleId :

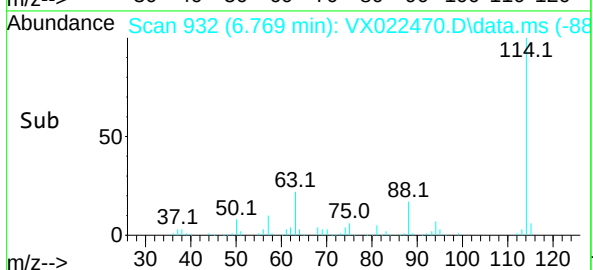
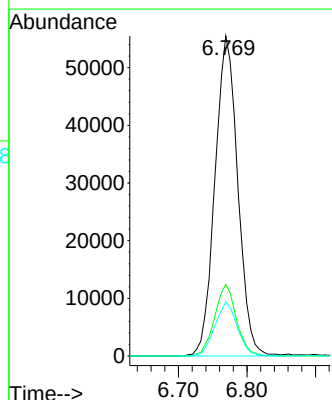
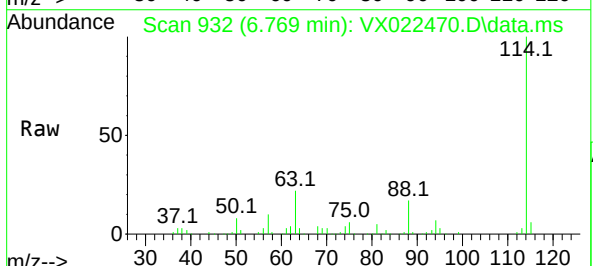
Tgt Ion: 65 Resp: 52544
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.4

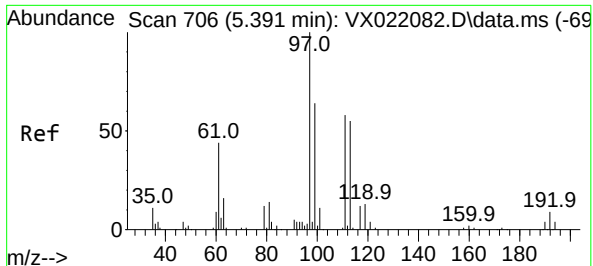


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022470.D
Acq: 05 Jun 2021 14:34

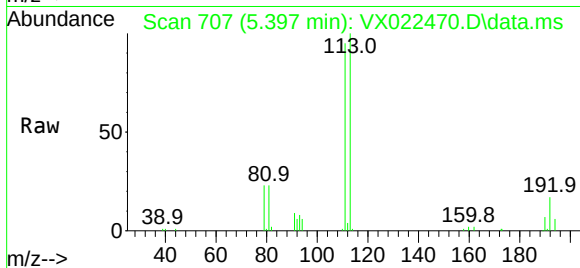
Tgt Ion: 114 Resp: 128317
Ion Ratio Lower Upper
114 100
63 22.3 0.0 40.8
88 16.9 0.0 32.8



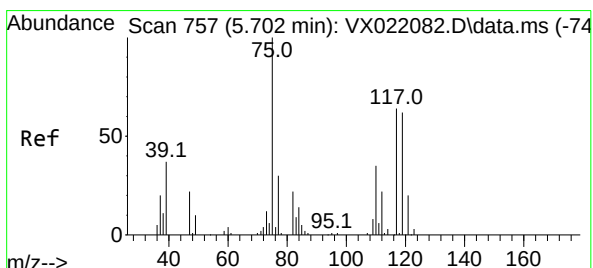
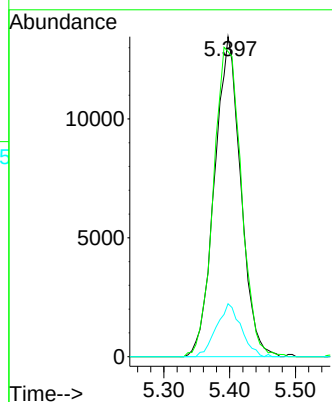
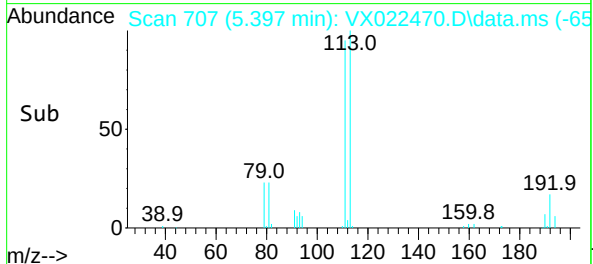


#35
Dibromofluoromethane
Concen: 45.891 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022470.D
Acq: 05 Jun 2021 14:34

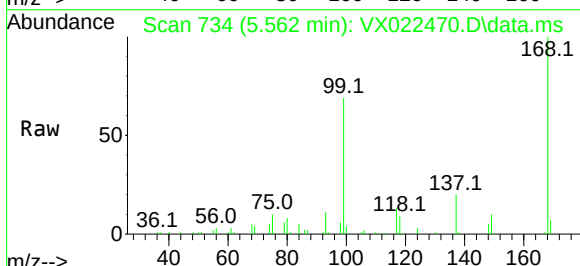
Instrument :
MSVOA_X
ClientSampled :



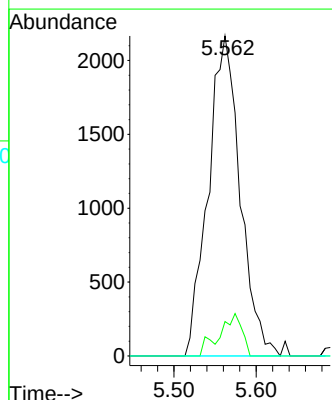
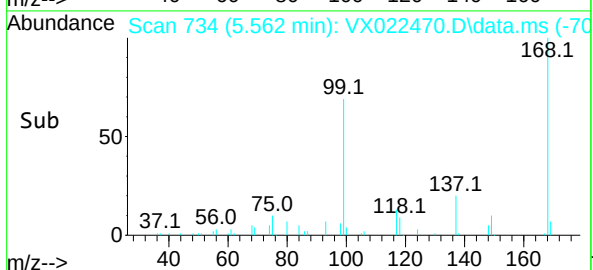
Tgt Ion:113 Resp: 37343
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 15.5 16.7 25.1#

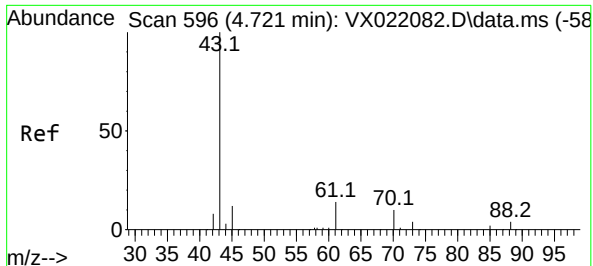


#36
1,1-Dichloropropene
Concen: 4.946 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022470.D
Acq: 05 Jun 2021 14:34



Tgt Ion: 75 Resp: 5869
Ion Ratio Lower Upper
75 100
110 9.4 18.1 54.4#
77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 2.907 ug/l

RT: 4.574 min Scan# 572

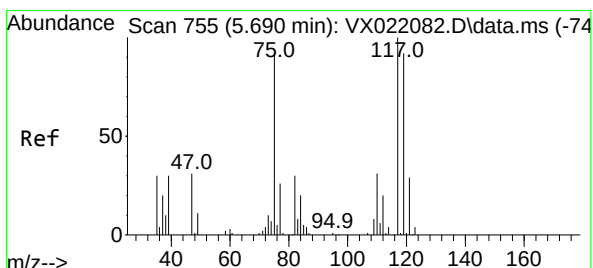
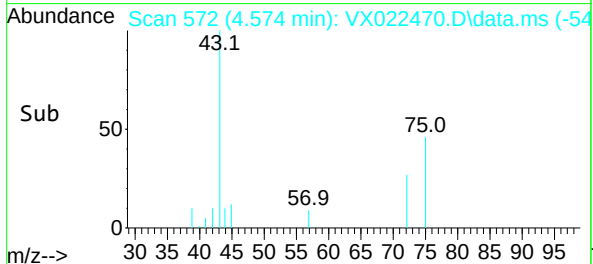
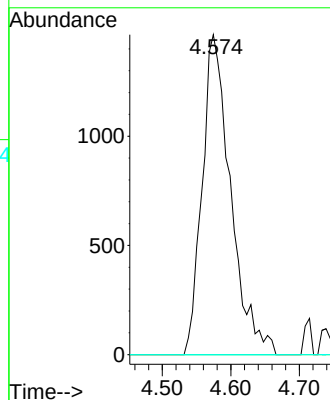
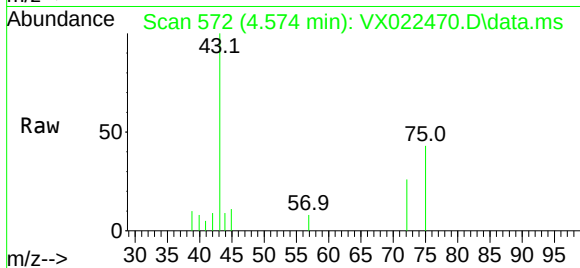
Delta R.T. -0.147 min

Lab File: VX022470.D

Acq: 05 Jun 2021 14:34

Tgt Ion: 43	Resp: 4229
Ion Ratio	Lower Upper
43 100	
61 0.0	12.8 19.2#
70 0.0	10.5 15.7#

Instrument :
MSVOA_X
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 6.164 ug/l

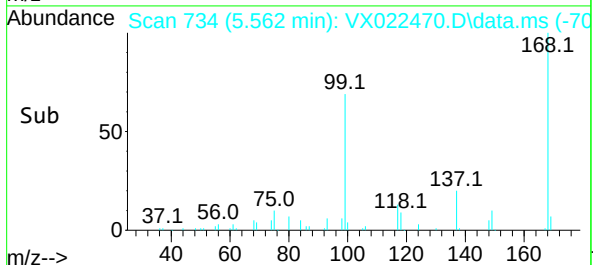
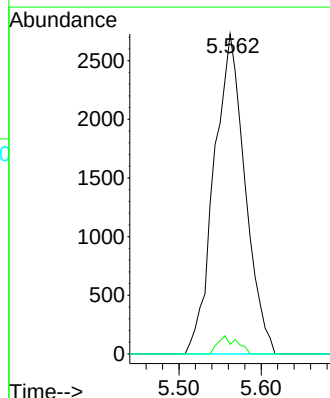
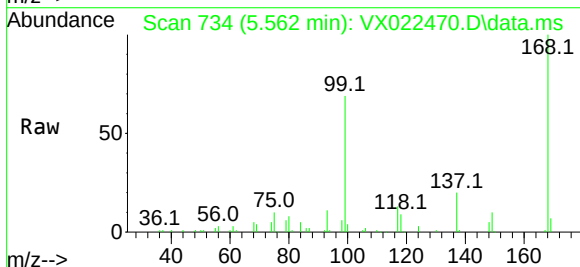
RT: 5.562 min Scan# 734

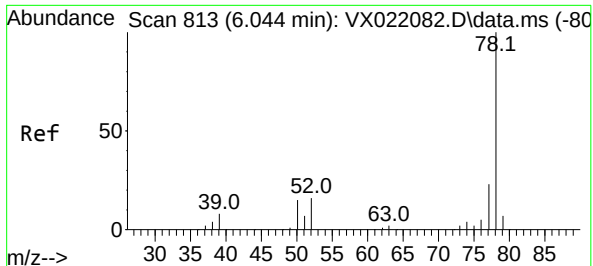
Delta R.T. -0.128 min

Lab File: VX022470.D

Acq: 05 Jun 2021 14:34

Tgt Ion: 117	Resp: 7154
Ion Ratio	Lower Upper
117 100	
119 3.0	76.2 114.2#
121 0.0	24.8 37.2#

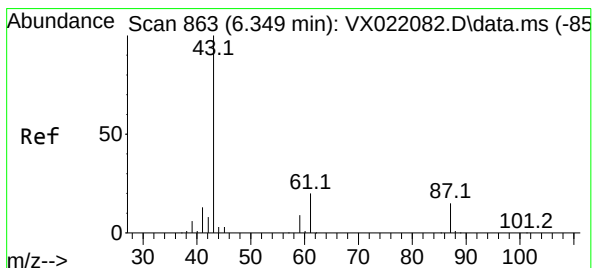
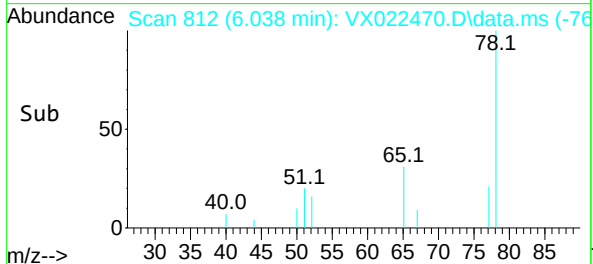
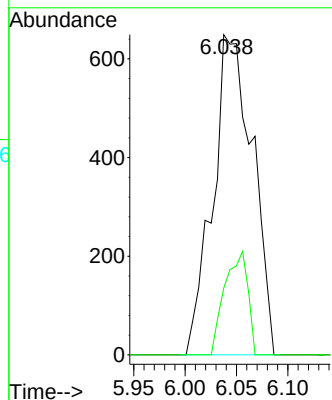
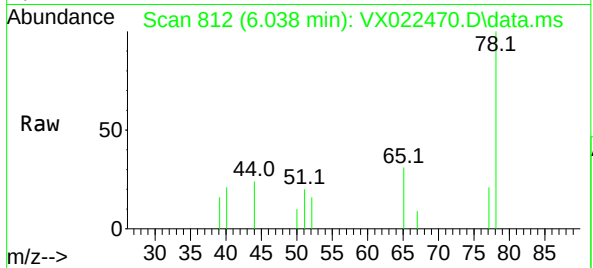




#40
Benzene
Concen: 0.478 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX022470.D
Acq: 05 Jun 2021 14:34

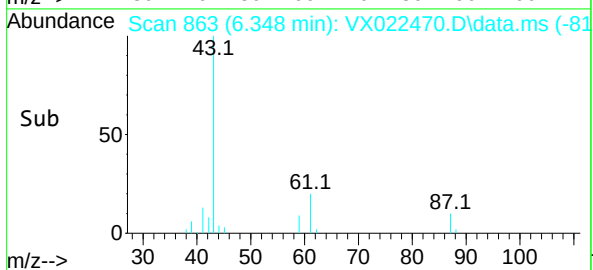
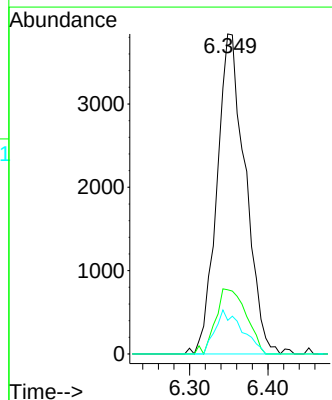
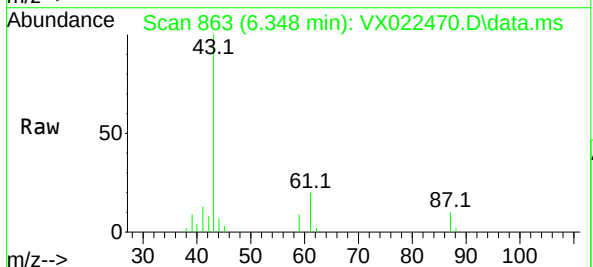
Instrument :
MSVOA_X
ClientSampled :

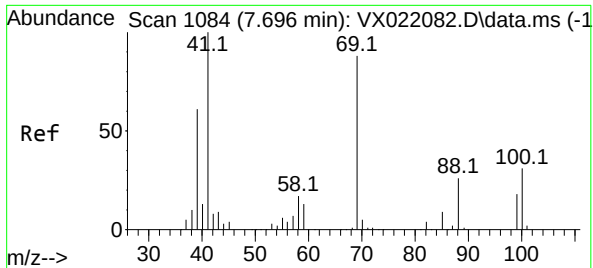
Tgt Ion: 78 Resp: 1745
Ion Ratio Lower Upper
78 100
77 20.8 18.9 28.3



#43
Isopropyl Acetate
Concen: 4.062 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.001 min
Lab File: VX022470.D
Acq: 05 Jun 2021 14:34

Tgt Ion: 43 Resp: 9664
Ion Ratio Lower Upper
43 100
61 21.9 18.2 27.4
87 13.0 12.5 18.7

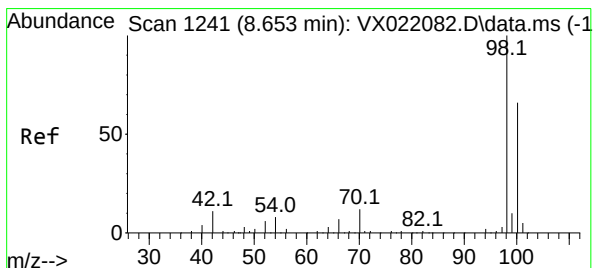
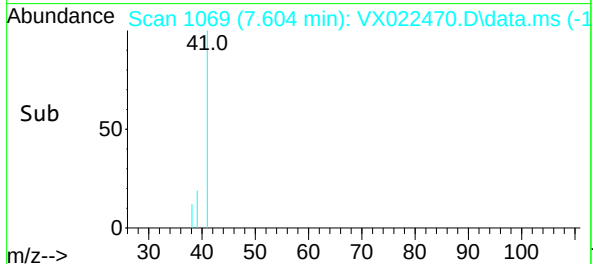
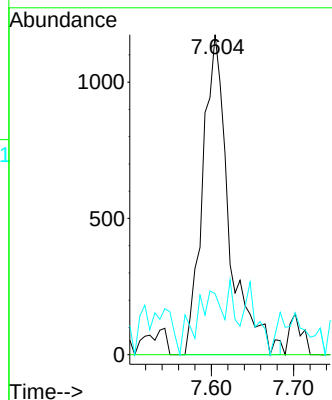
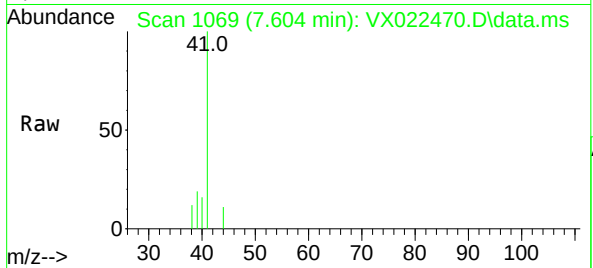




#48
Methyl methacrylate
Concen: 2.392 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.092 min
Lab File: VX022470.D
Acq: 05 Jun 2021 14:34

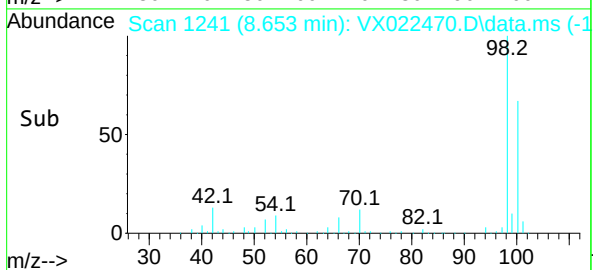
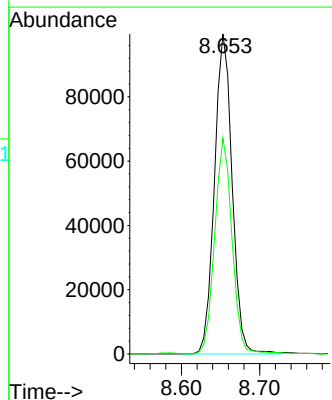
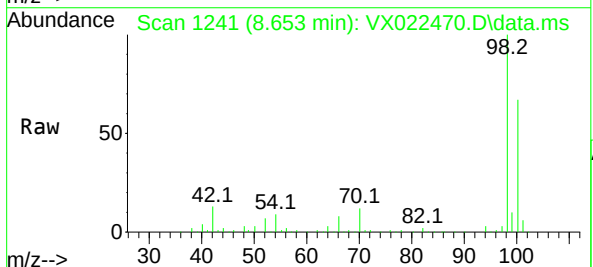
Instrument :
MSVOA_X
ClientSampleId :

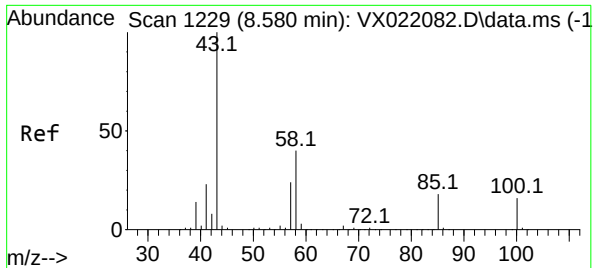
Tgt Ion: 41 Resp: 2623
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#



#50
Toluene-d8
Concen: 49.913 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022470.D
Acq: 05 Jun 2021 14:34

Tgt Ion: 98 Resp: 156454
Ion Ratio Lower Upper
98 100
100 66.5 51.9 77.9

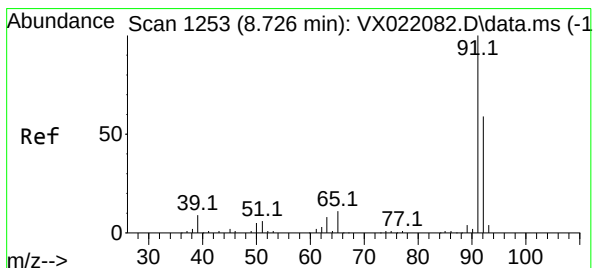
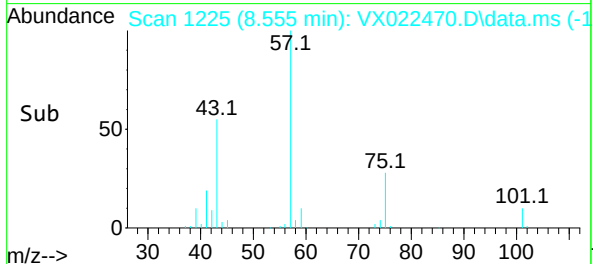
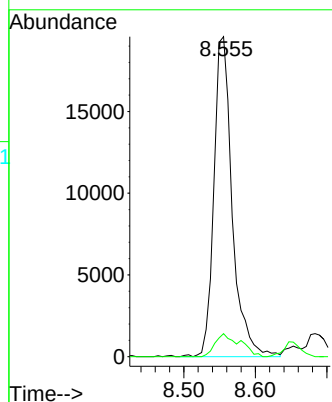
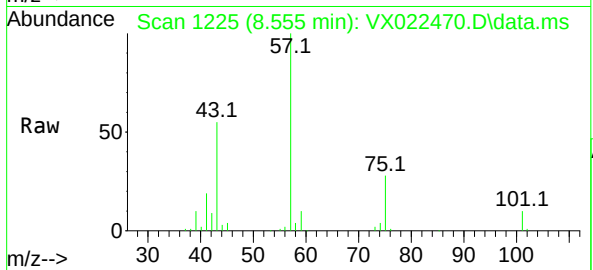




#51
4-Methyl-2-Pentanone
Concen: 24.423 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022470.D
Acq: 05 Jun 2021 14:34

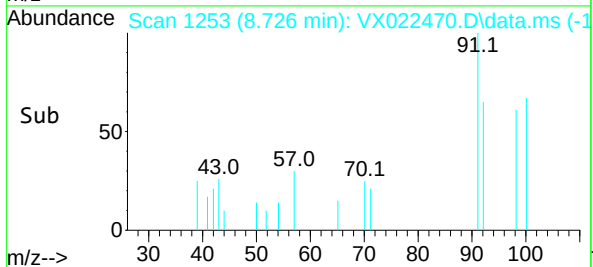
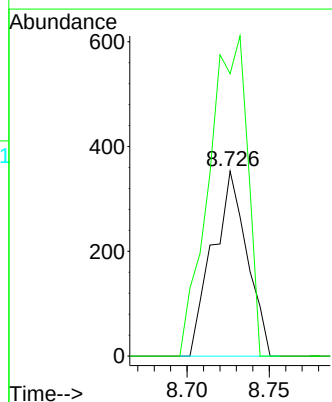
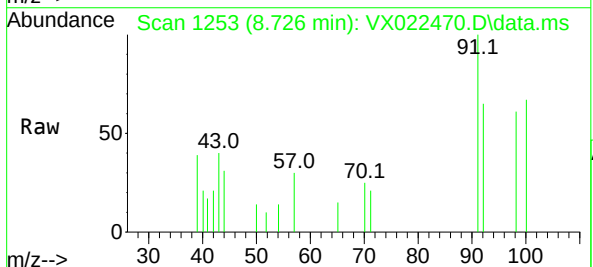
Instrument :
MSVOA_X
ClientSampled :

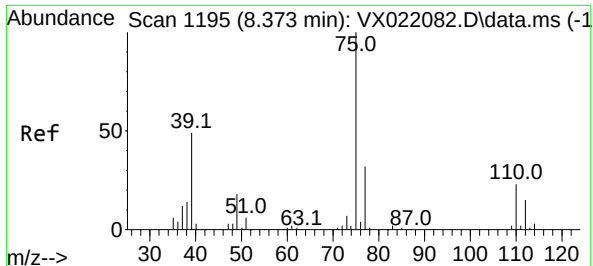
Tgt Ion: 43 Resp: 34806
Ion Ratio Lower Upper
43 100
58 9.8 35.4 53.0#



#52
Toluene
Concen: 0.222 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.000 min
Lab File: VX022470.D
Acq: 05 Jun 2021 14:34

Tgt Ion: 92 Resp: 514
Ion Ratio Lower Upper
92 100
91 193.4 137.1 205.7



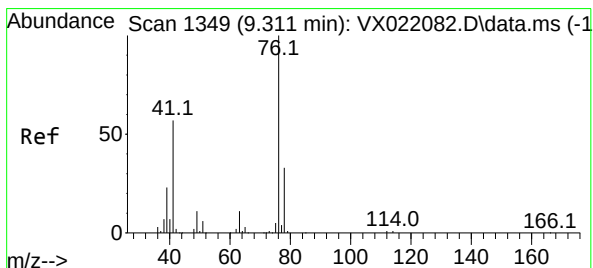
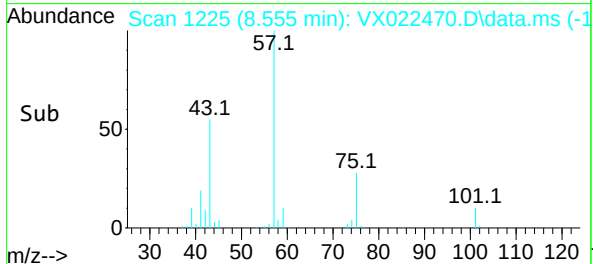
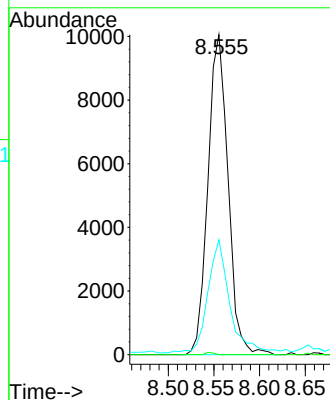
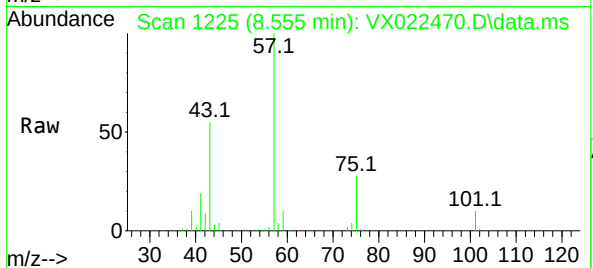


#54

cis-1,3-Dichloropropene
Concen: 9.810 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.182 min
Lab File: VX022470.D
Acq: 05 Jun 2021 14:34

Instrument :
MSVOA_X
ClientSampled :

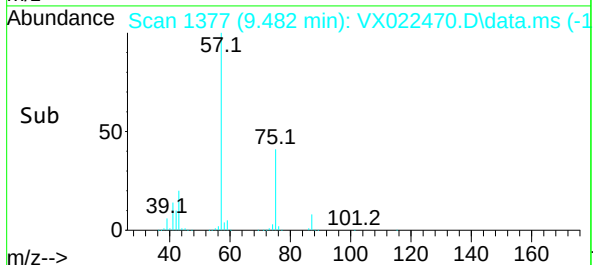
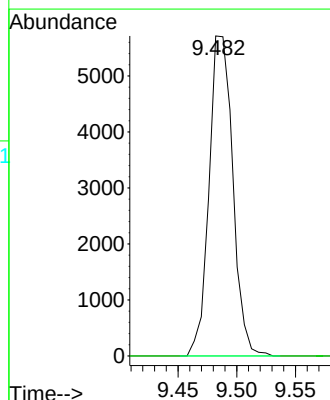
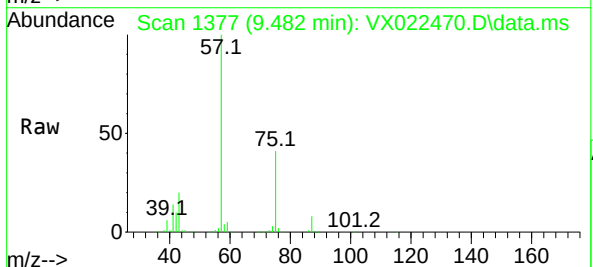
Tgt Ion: 75 Resp: 15392
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 35.0 35.1 52.7#

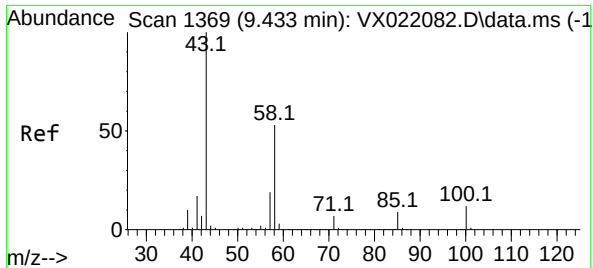


#57

1,3-Dichloropropane
Concen: 5.019 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.171 min
Lab File: VX022470.D
Acq: 05 Jun 2021 14:34

Tgt Ion: 76 Resp: 8042
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

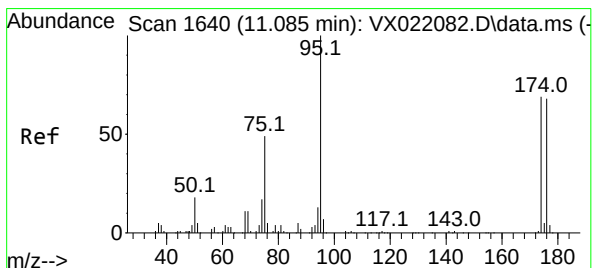
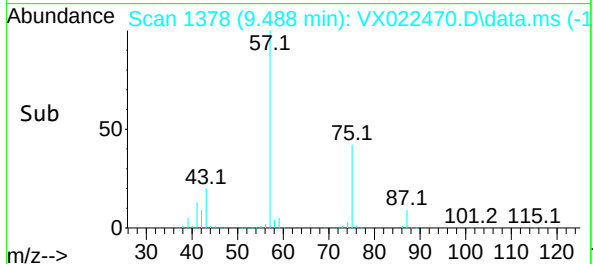
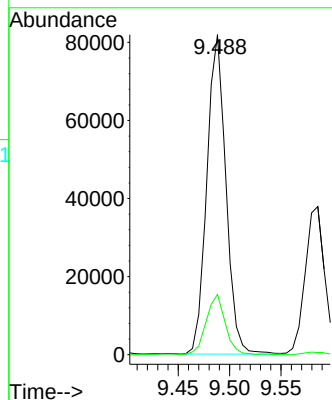
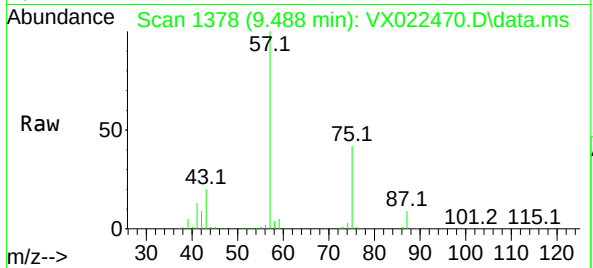




#59
2-Hexanone
Concen: 98.556 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022470.D
Acq: 05 Jun 2021 14:34

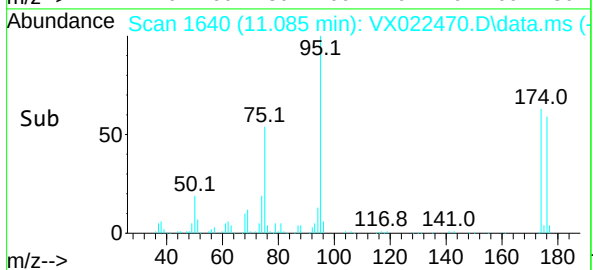
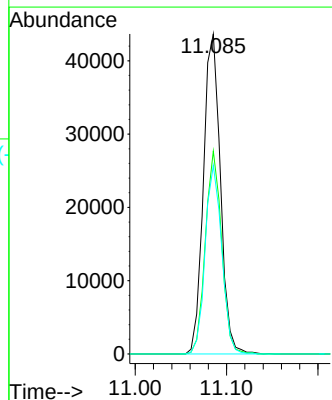
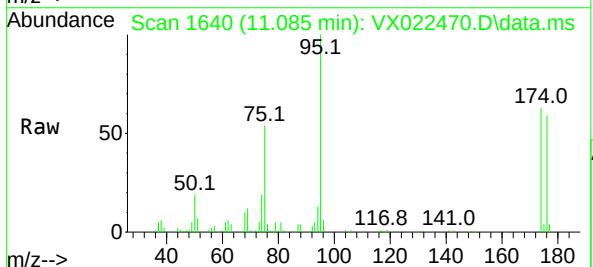
Instrument :
MSVOA_X
ClientSampled :

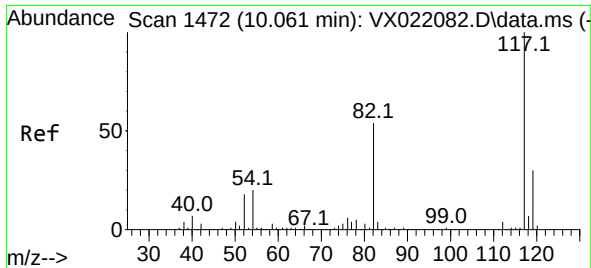
Tgt Ion: 43 Resp: 105636
Ion Ratio Lower Upper
43 100
58 19.0 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 48.469 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022470.D
Acq: 05 Jun 2021 14:34

Tgt Ion: 95 Resp: 56156
Ion Ratio Lower Upper
95 100
174 60.9 0.0 154.6
176 57.5 0.0 155.8

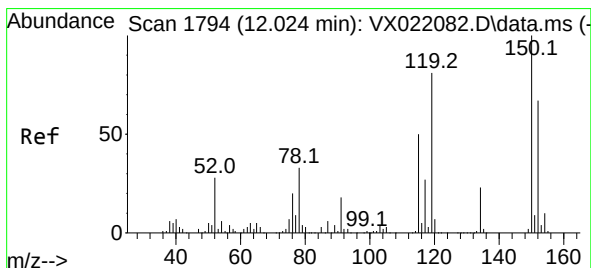
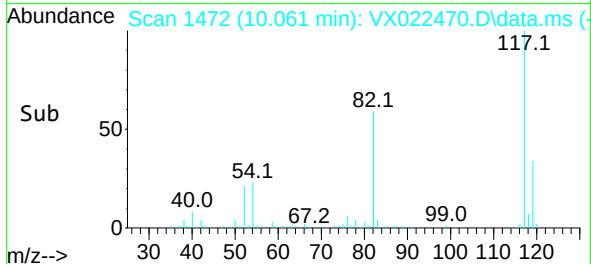
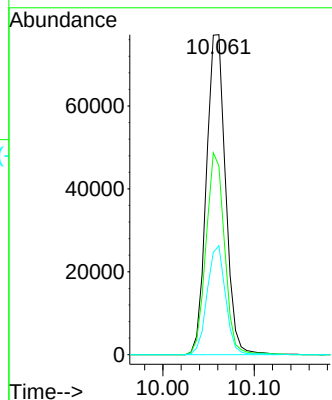
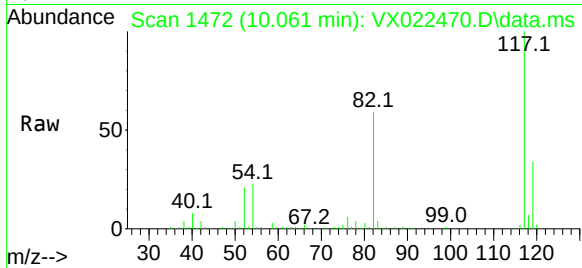




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022470.D
Acq: 05 Jun 2021 14:34

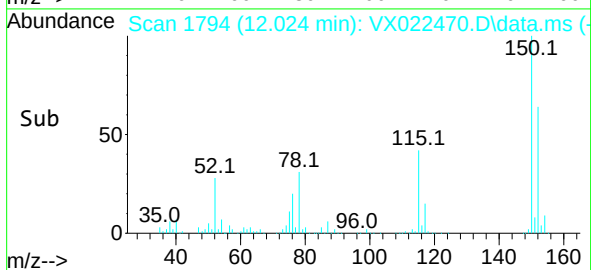
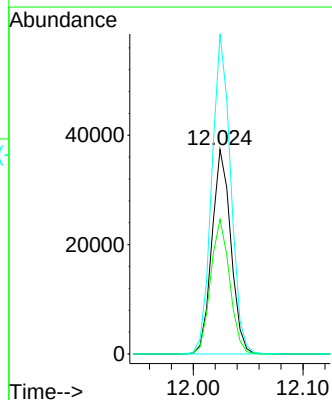
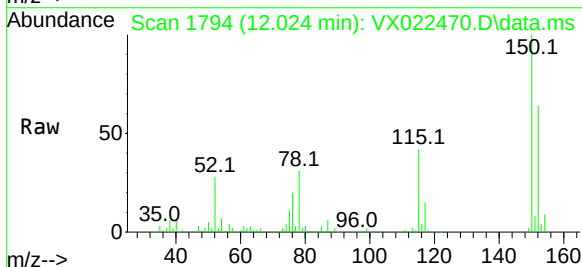
Instrument :
MSVOA_X
ClientSampleId :

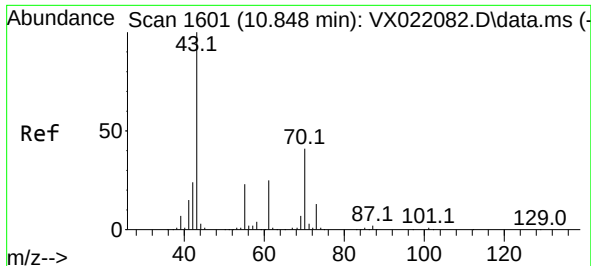
Tgt Ion:117 Resp: 112126
Ion Ratio Lower Upper
117 100
82 59.0 47.4 71.2
119 34.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022470.D
Acq: 05 Jun 2021 14:34

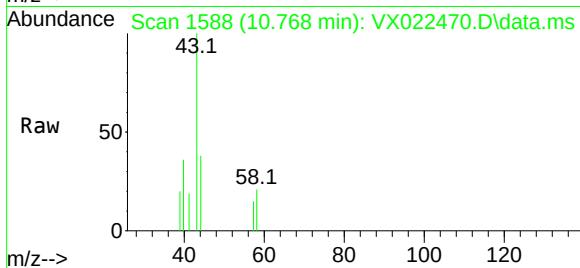
Tgt Ion:152 Resp: 44819
Ion Ratio Lower Upper
152 100
115 66.2 41.1 123.3
150 155.8 0.0 349.0



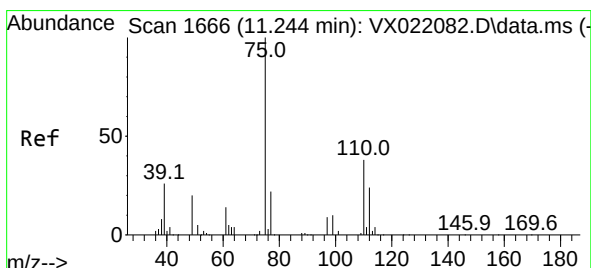
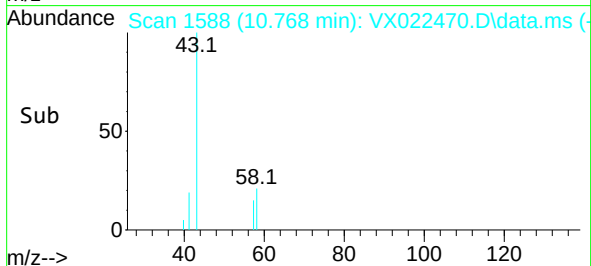
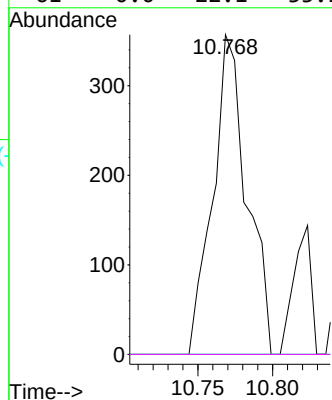


#74
N-amy1 acetate
Concen: 0.314 ug/l
RT: 10.768 min Scan# 1588
Delta R.T. -0.080 min
Lab File: VX022470.D
Acq: 05 Jun 2021 14:34

Instrument :
MSVOA_X
ClientSampleId :

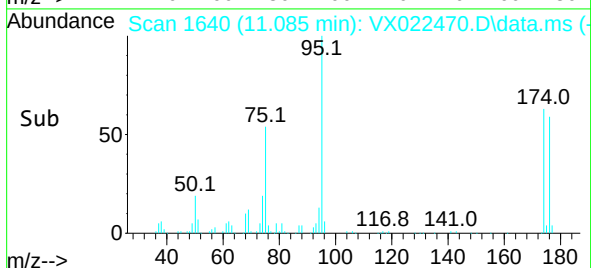
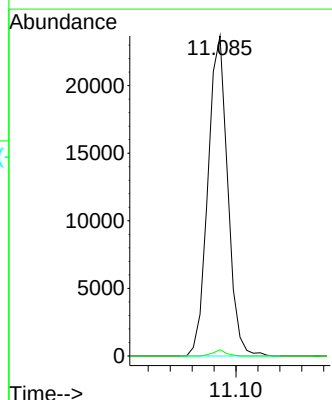
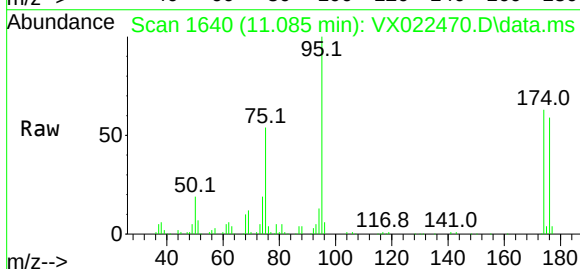


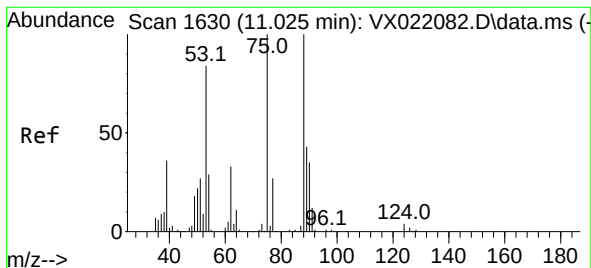
Tgt Ion: 43	Resp: 565
Ion Ratio	Lower Upper
43	100
70	0.0 39.0 58.6#
55	0.0 21.5 32.3#
61	0.0 22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 26.748 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022470.D
Acq: 05 Jun 2021 14:34

Tgt Ion: 75	Resp: 29575
Ion Ratio	Lower Upper
75	100
77	1.3 19.1 57.5#

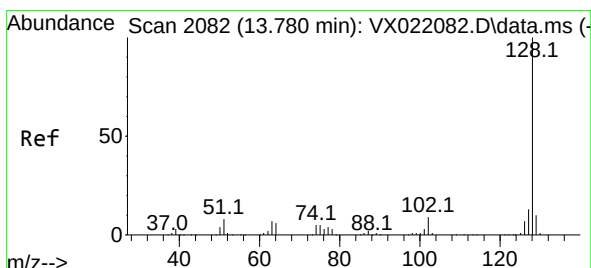
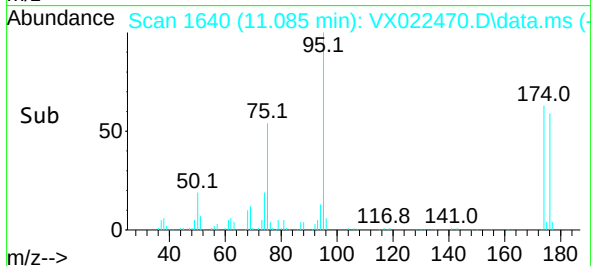
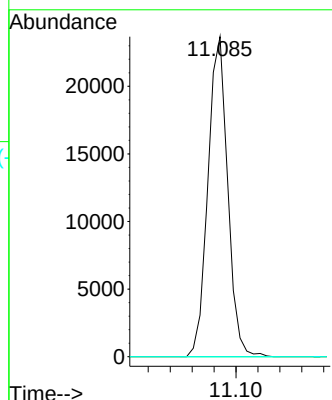
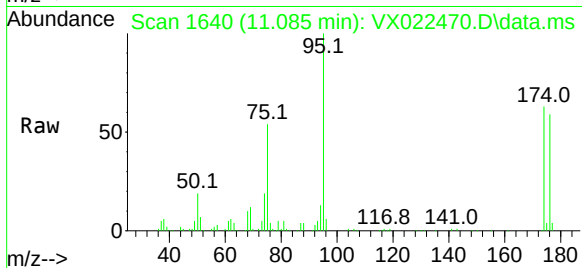




#81
trans-1,4-Dichloro-2-butene
Concen: 63.375 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022470.D
Acq: 05 Jun 2021 14:34

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 29575
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 3.541 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX022470.D
Acq: 05 Jun 2021 14:34

Tgt Ion: 128 Resp: 12412
Ion Ratio Lower Upper
128 100
127 11.8 10.3 15.5
129 11.8 8.8 13.2

