

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011522\
 Data File : VX026477.D
 Acq On : 15 Jan 2022 00:51
 Operator : JC/MD
 Sample : N1136-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 17 00:43:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

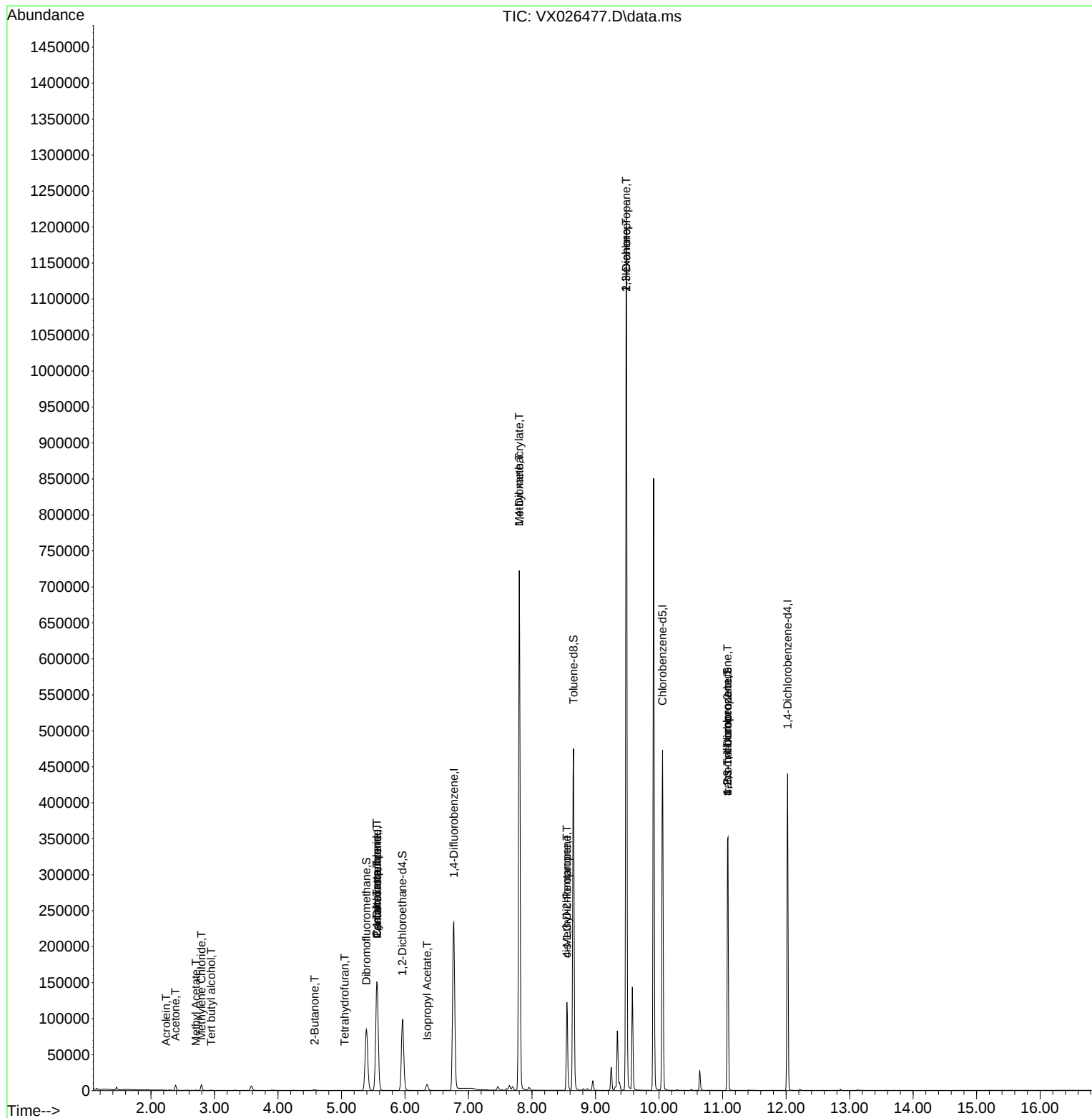
Internal Standards						
1) Pentafluorobenzene	5.562	168	139603	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	235312	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87766	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	97772	50.136	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.280%	
35) Dibromofluoromethane	5.391	113	75459	49.658	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.320%	
50) Toluene-d8	8.653	98	273376	49.924	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.840%	
62) 4-Bromofluorobenzene	11.079	95	100208	51.514	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.020%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	276	1.017	ug/l #	75
13) Acrolein	2.239	56	98	0.340	ug/l #	82
16) Acetone	2.386	43	7954	7.998	ug/l	96
18) Methyl Acetate	2.709	43	918	0.464	ug/l #	69
20) Methylene Chloride	2.794	84	3601	2.192	ug/l	91
25) 2-Butanone	4.574	43	1702	1.316	ug/l #	74
29) Tetrahydrofuran	5.050	42	296	0.385	ug/l #	34
31) Cyclohexane	5.556	56	2954	1.027	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	11455	4.775	ug/l #	50
38) Carbon Tetrachloride	5.556	117	14668	5.944	ug/l #	16
43) Isopropyl Acetate	6.348	43	11720	2.990	ug/l	99
48) Methyl methacrylate	7.799	41	61815	31.821	ug/l #	45
49) 1,4-Dioxane	7.799	88	24	0.753	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	42325	18.204	ug/l #	50
54) cis-1,3-Dichloropropene	8.549	75	18606	7.349	ug/l #	59
57) 1,3-Dichloropropane	9.482	76	10993	3.996	ug/l #	43
59) 2-Hexanone	9.482	43	158952	89.324	ug/l #	50
76) 1,2,3-Trichloropropane	11.079	75	50048	25.899	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	50048	78.544	ug/l #	3

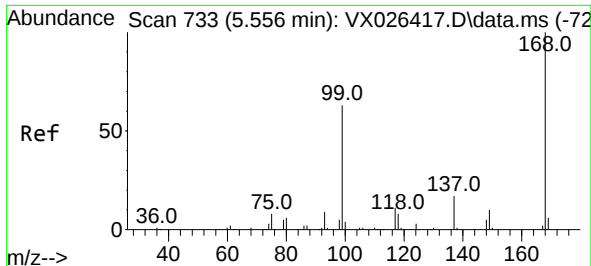
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VX026477.D
Acq On : 15 Jan 2022 00:51
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Sample : N1136-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

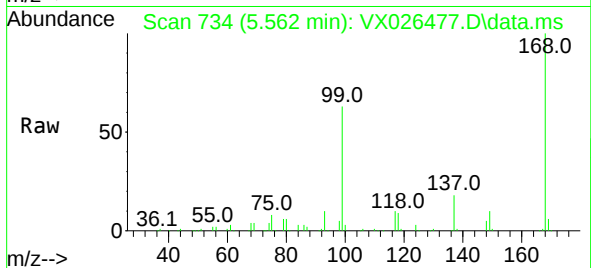
Quant Time: Jan 17 00:43:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
Response via : Initial Calibration



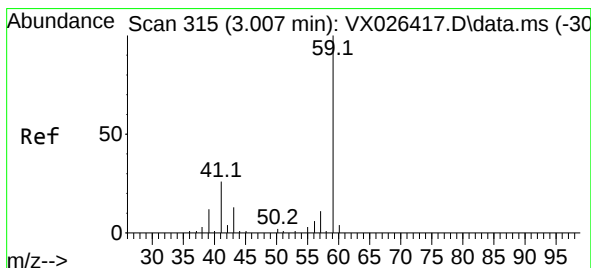
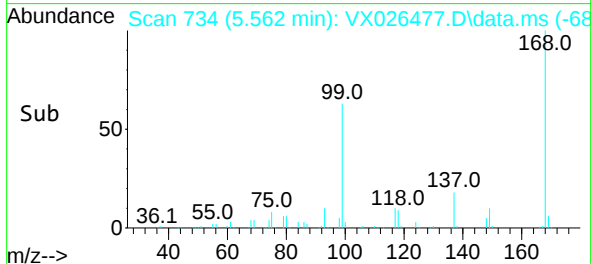
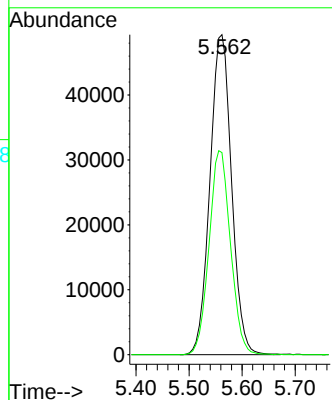


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026477.D
Acq: 15 Jan 2022 00:51

Instrument :
MSVOA_X
ClientSampleId :

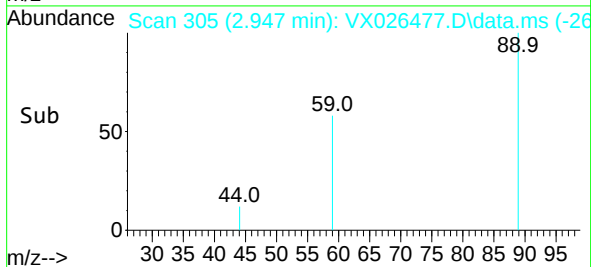
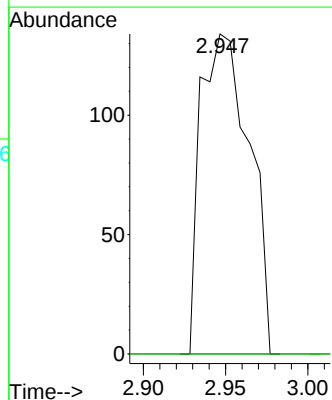
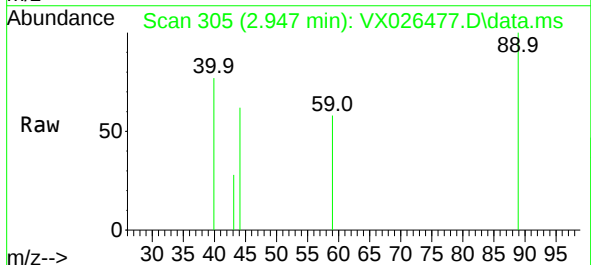


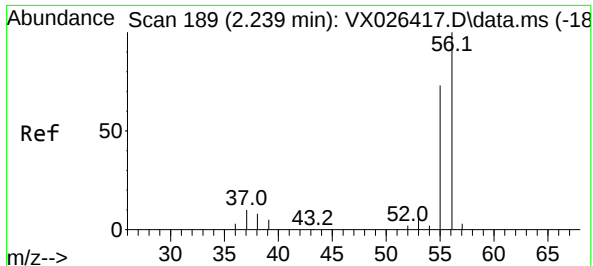
Tgt Ion:168 Resp: 139603
Ion Ratio Lower Upper
168 100
99 63.1 50.3 75.5



#11
Tert butyl alcohol
Concen: 1.017 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.060 min
Lab File: VX026477.D
Acq: 15 Jan 2022 00:51

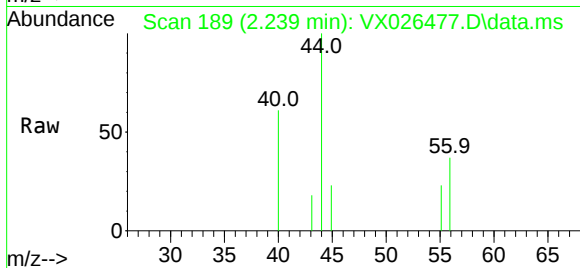
Tgt Ion: 59 Resp: 276
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#



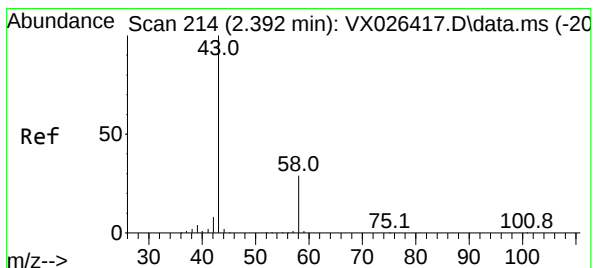
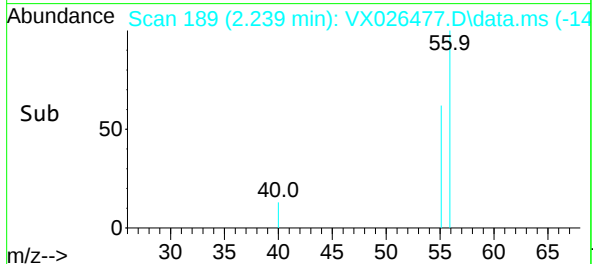
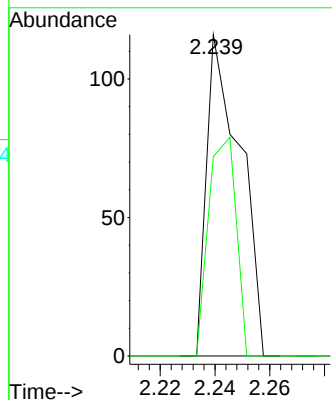


#13
Acrolein
Concen: 0.340 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026477.D
Acq: 15 Jan 2022 00:51

Instrument :
MSVOA_X
ClientSampleId :

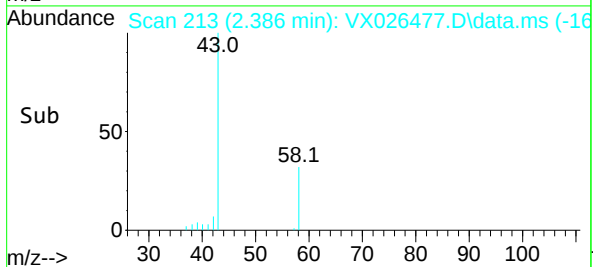
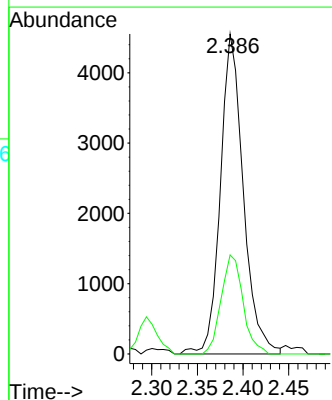
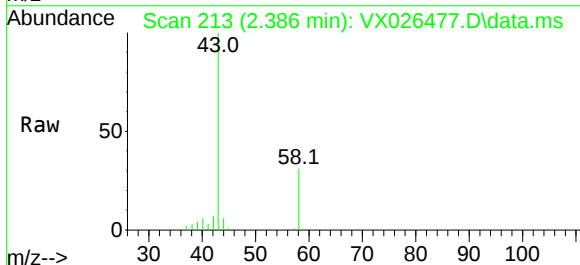


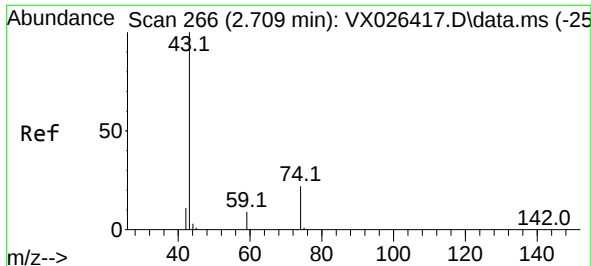
Tgt Ion: 56 Resp: 98
Ion Ratio Lower Upper
56 100
55 56.1 56.9 85.3#



#16
Acetone
Concen: 7.998 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX026477.D
Acq: 15 Jan 2022 00:51

Tgt Ion: 43 Resp: 7954
Ion Ratio Lower Upper
43 100
58 31.0 23.0 34.6





#18

Methyl Acetate

Concen: 0.464 ug/l

RT: 2.709 min Scan# 2

Delta R.T. 0.000 min

Lab File: VX026477.D

Acq: 15 Jan 2022 00:51

Instrument :

MSVOA_X

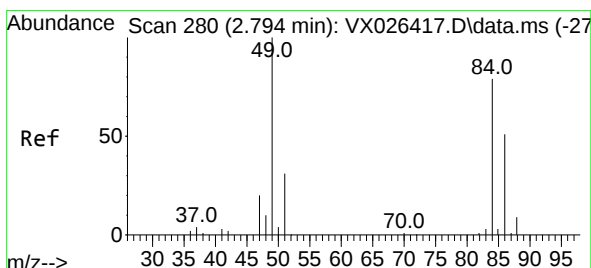
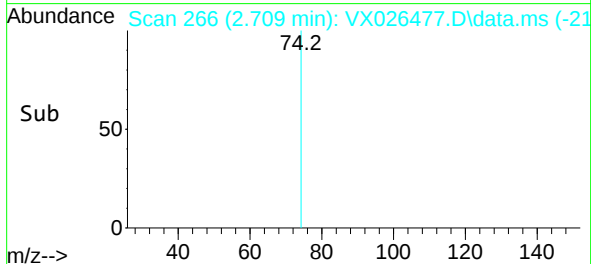
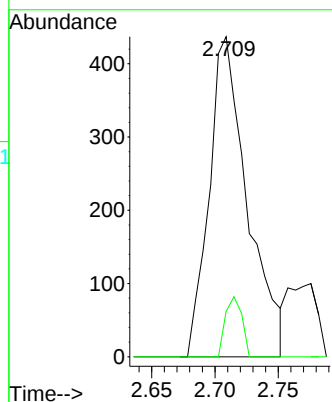
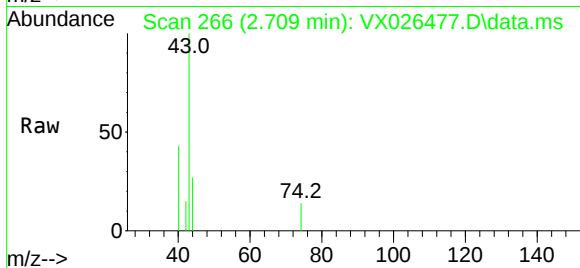
ClientSampleId :

Tgt Ion: 43 Resp: 918

Ion Ratio Lower Upper

43 100

74 8.1 18.3 27.5#



#20

Methylene Chloride

Concen: 2.192 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX026477.D

Acq: 15 Jan 2022 00:51

Tgt Ion: 84 Resp: 3601

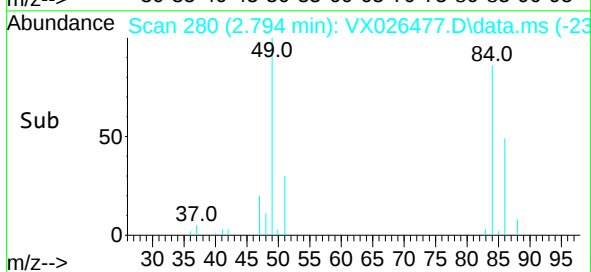
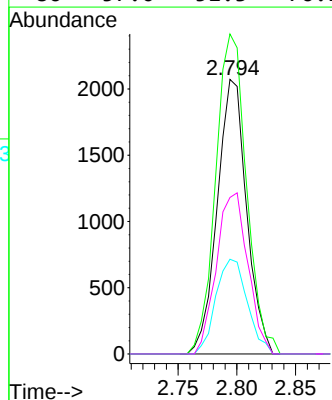
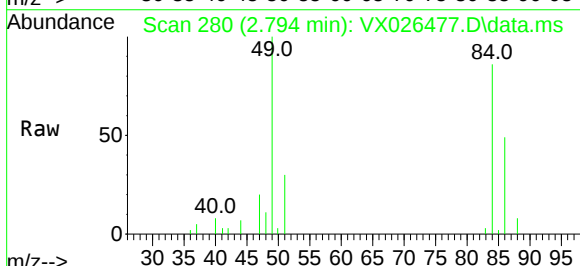
Ion Ratio Lower Upper

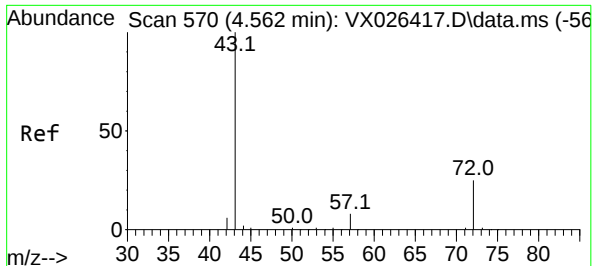
84 100

49 116.6 101.5 152.3

51 34.5 31.2 46.8

86 57.0 51.3 76.9





#25

2-Butanone

Concen: 1.316 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX026477.D

Acq: 15 Jan 2022 00:51

Instrument :

MSVOA_X

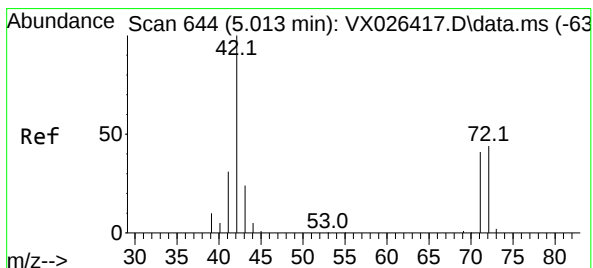
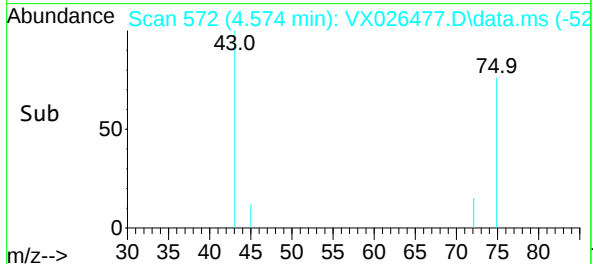
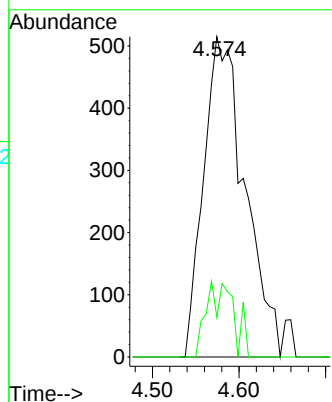
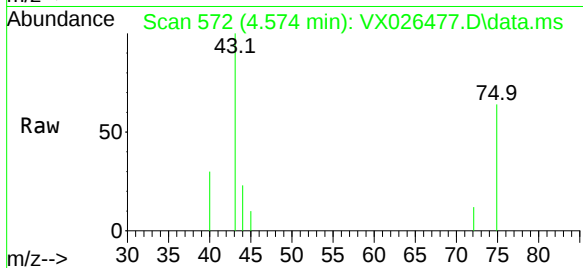
ClientSampleId :

Tgt Ion: 43 Resp: 1702

Ion Ratio Lower Upper

43 100

72 12.4 20.4 30.6#



#29

Tetrahydrofuran

Concen: 0.385 ug/l

RT: 5.050 min Scan# 650

Delta R.T. 0.037 min

Lab File: VX026477.D

Acq: 15 Jan 2022 00:51

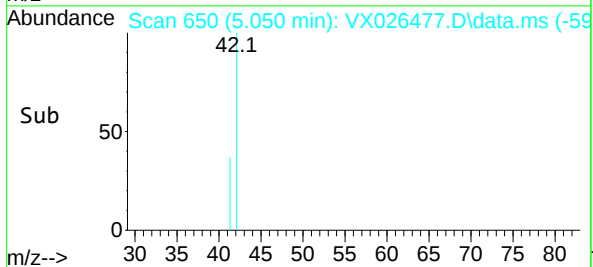
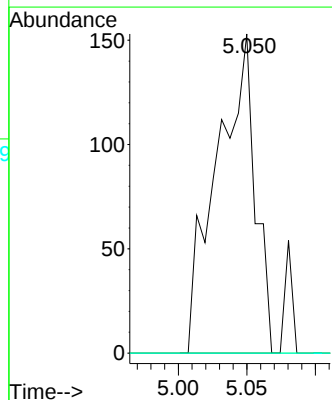
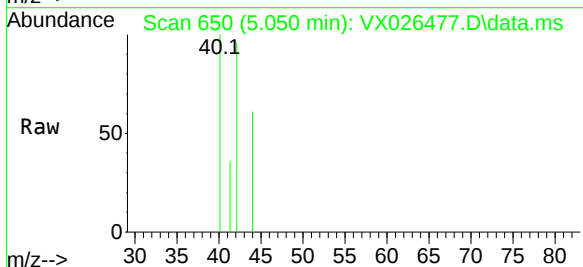
Tgt Ion: 42 Resp: 296

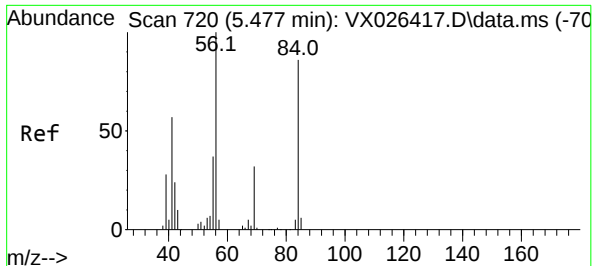
Ion Ratio Lower Upper

42 100

72 0.0 34.6 52.0#

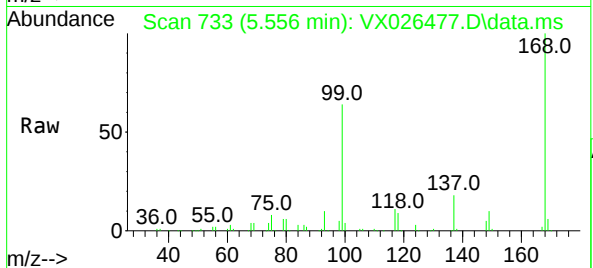
71 0.0 31.8 47.8#



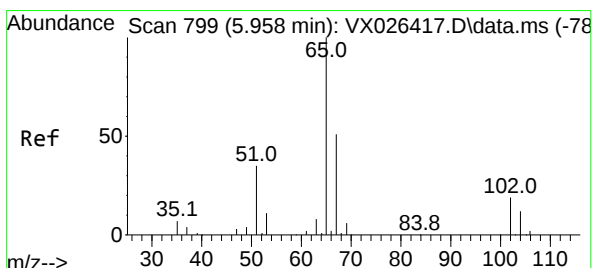
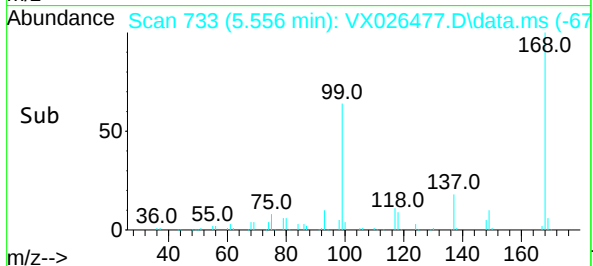
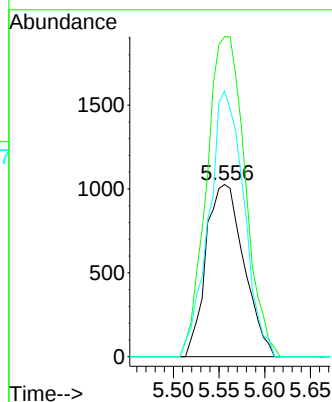


#31
Cyclohexane
Concen: 1.027 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.079 min
Lab File: VX026477.D
Acq: 15 Jan 2022 00:51

Instrument :
MSVOA_X
ClientSampleId :

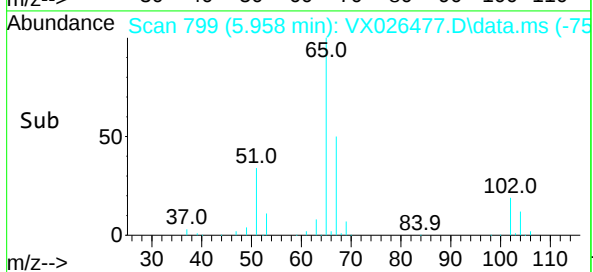
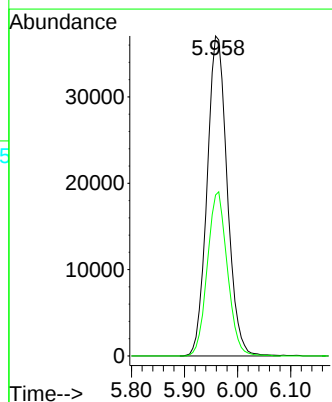
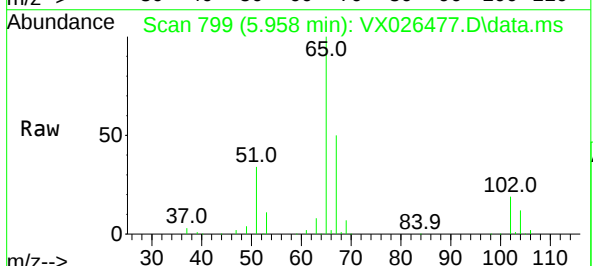


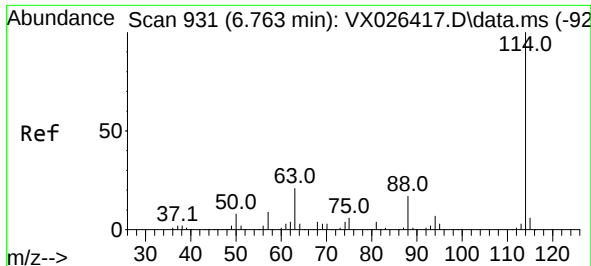
Tgt Ion: 56 Resp: 2954
Ion Ratio Lower Upper
56 100
69 185.8 25.8 38.6#
84 154.3 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 50.136 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX026477.D
Acq: 15 Jan 2022 00:51

Tgt Ion: 65 Resp: 97772
Ion Ratio Lower Upper
65 100
67 51.0 0.0 100.8

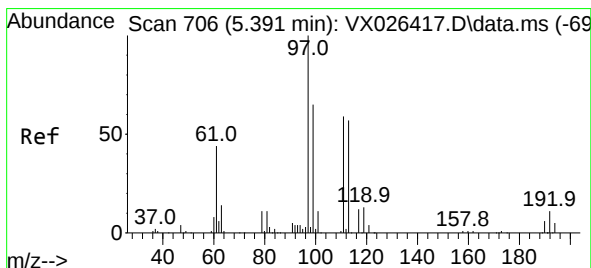
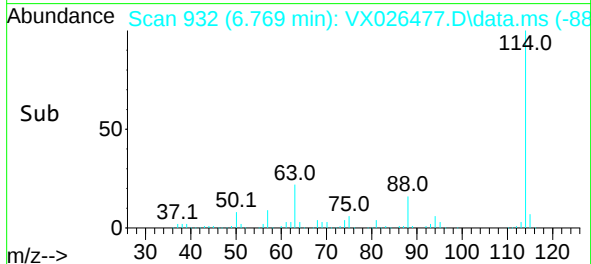
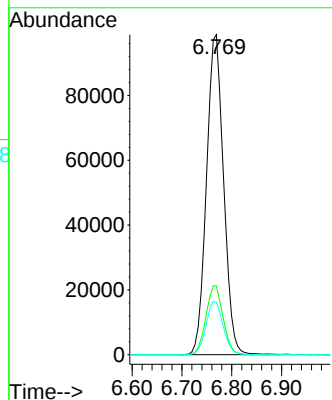
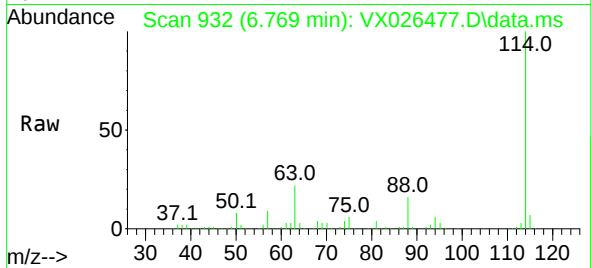




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX026477.D
Acq: 15 Jan 2022 00:51

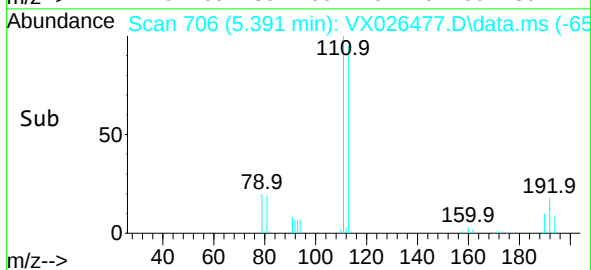
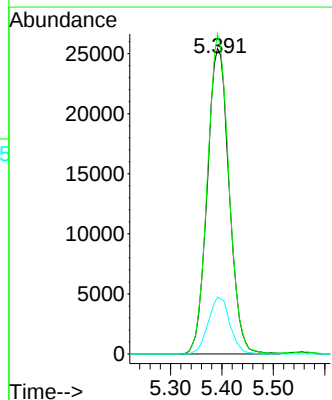
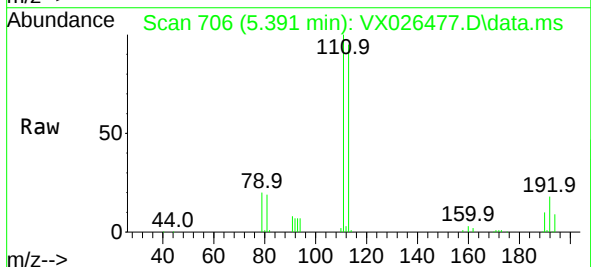
Instrument :
MSVOA_X
ClientSampleId :

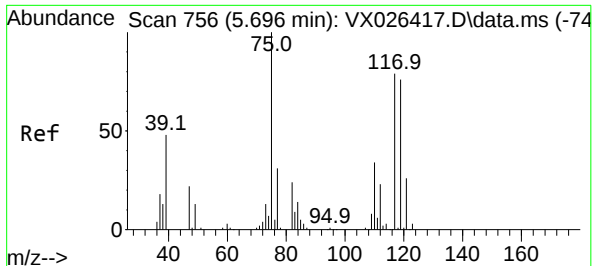
Tgt Ion:114 Resp: 235312
Ion Ratio Lower Upper
114 100
63 21.5 0.0 42.8
88 16.4 0.0 33.0



#35
Dibromofluoromethane
Concen: 49.658 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026477.D
Acq: 15 Jan 2022 00:51

Tgt Ion:113 Resp: 75459
Ion Ratio Lower Upper
113 100
111 102.3 81.2 121.8
192 18.4 15.0 22.4





#36

1,1-Dichloropropene

Concen: 4.775 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

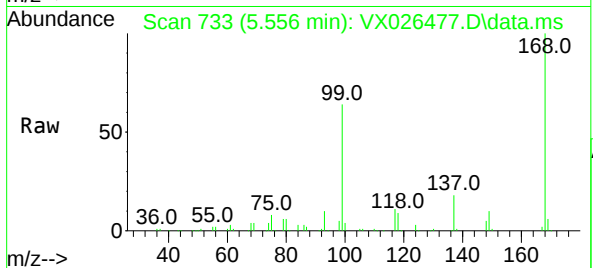
Lab File: VX026477.D

Acq: 15 Jan 2022 00:51

Instrument :

MSVOA_X

ClientSampleId :



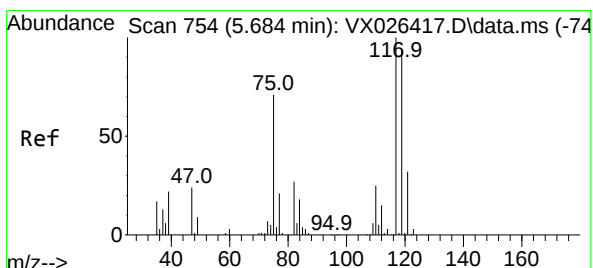
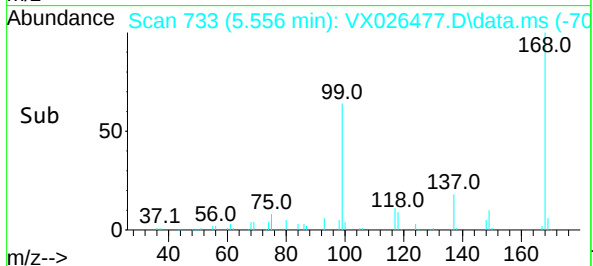
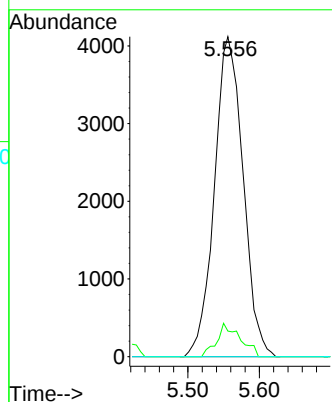
Tgt Ion: 75 Resp: 11455

Ion Ratio Lower Upper

75 100

110 8.4 17.2 51.6#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 5.944 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX026477.D

Acq: 15 Jan 2022 00:51

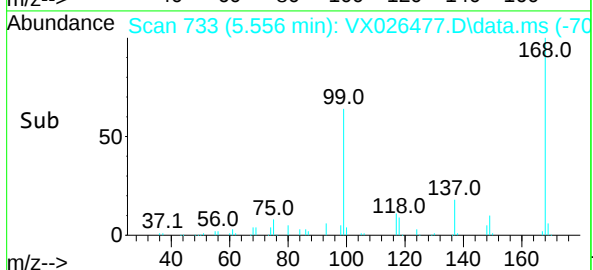
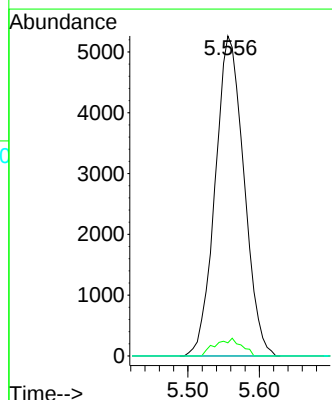
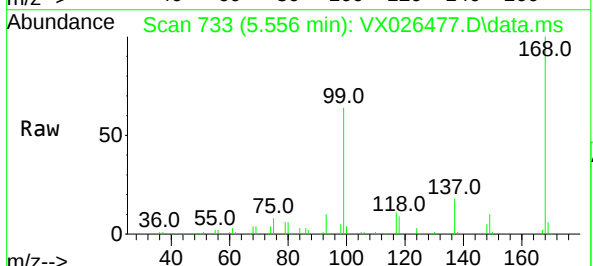
Tgt Ion: 117 Resp: 14668

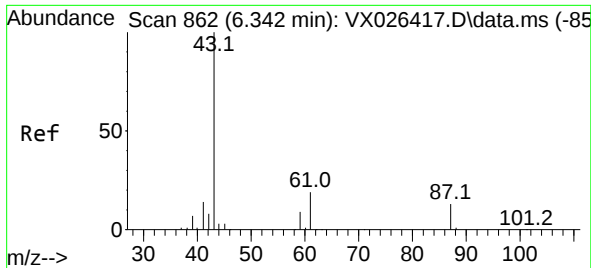
Ion Ratio Lower Upper

117 100

119 4.1 74.7 112.1#

121 0.0 25.4 38.0#

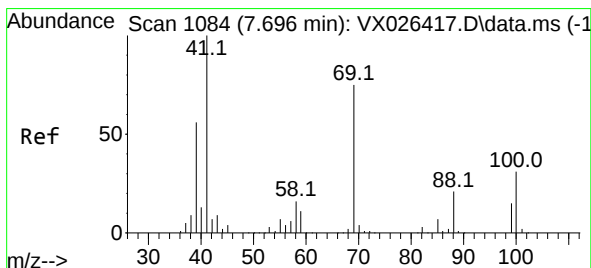
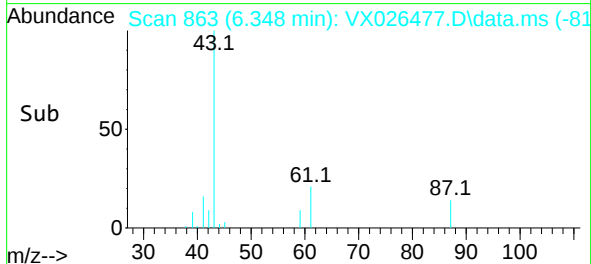
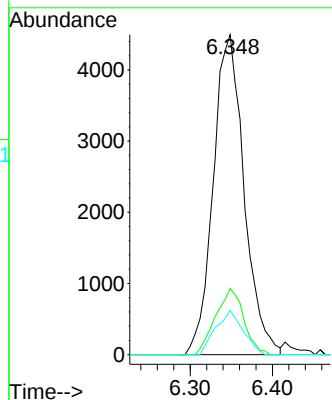
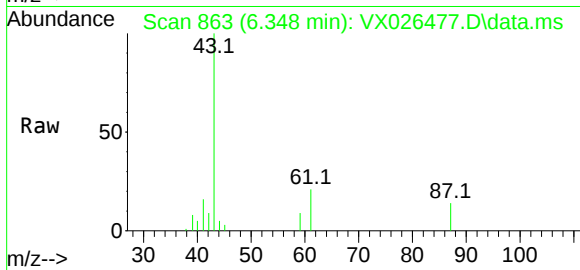




#43
Isopropyl Acetate
Concen: 2.990 ug/l
RT: 6.348 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX026477.D
Acq: 15 Jan 2022 00:51

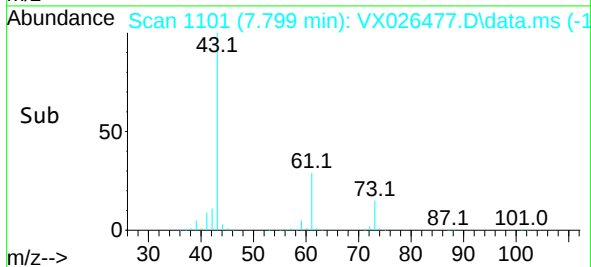
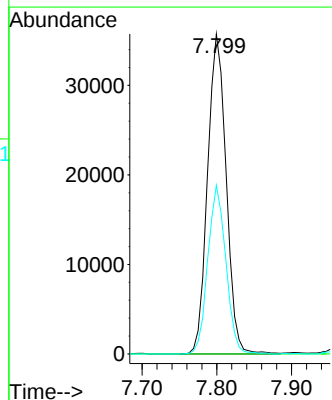
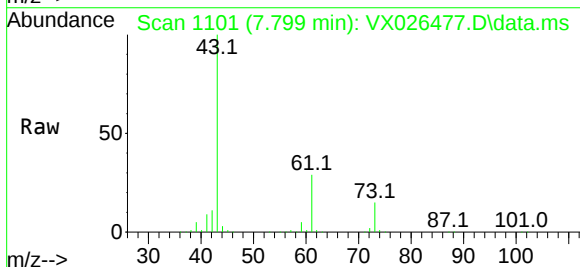
Instrument :
MSVOA_X
ClientSampleId :

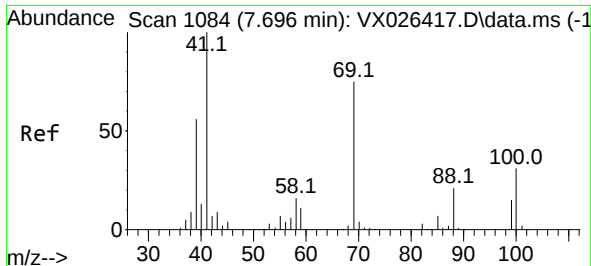
Tgt Ion: 43 Resp: 11720
Ion Ratio Lower Upper
43 100
61 18.9 15.4 23.0
87 12.3 10.2 15.2



#48
Methyl methacrylate
Concen: 31.821 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.104 min
Lab File: VX026477.D
Acq: 15 Jan 2022 00:51

Tgt Ion: 41 Resp: 61815
Ion Ratio Lower Upper
41 100
69 0.0 62.2 93.4#
39 51.2 45.4 68.0





#49

1,4-Dioxane

Concen: 0.753 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.104 min

Lab File: VX026477.D

Acq: 15 Jan 2022 00:51

Instrument :

MSVOA_X

ClientSampleId :

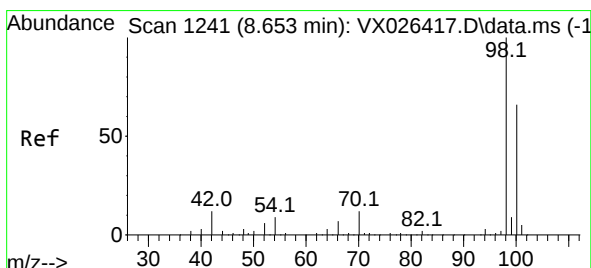
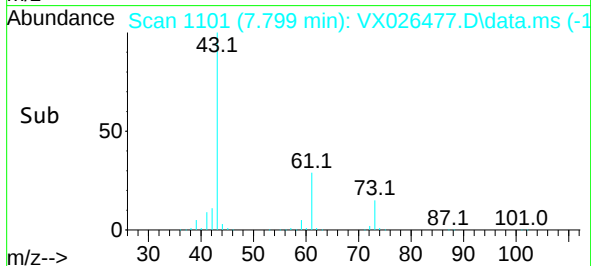
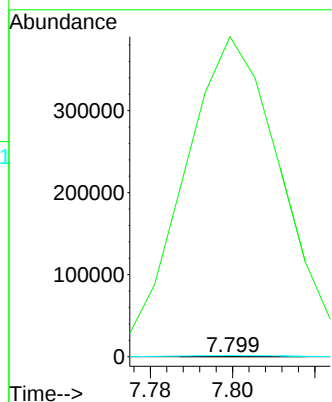
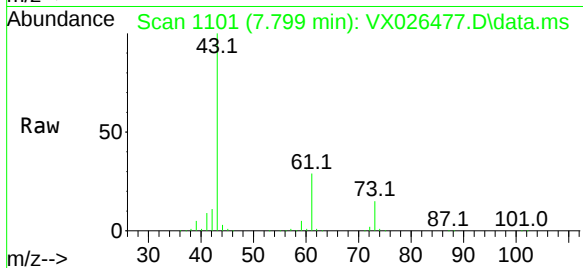
Tgt Ion: 88 Resp: 24

Ion Ratio Lower Upper

88 100

43 2747729.2 29.9 44.9#

58 10383.3 57.8 86.6#



#50

Toluene-d8

Concen: 49.924 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX026477.D

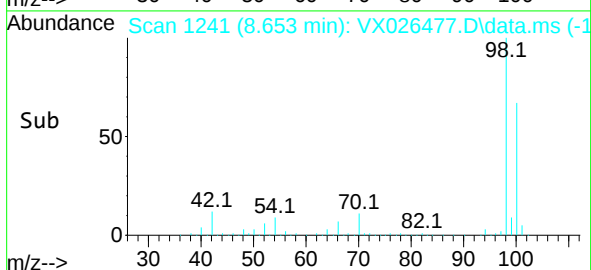
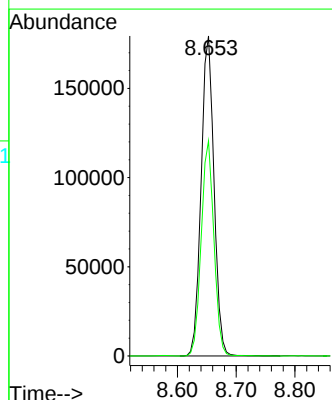
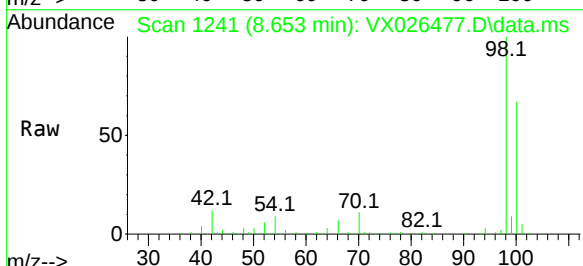
Acq: 15 Jan 2022 00:51

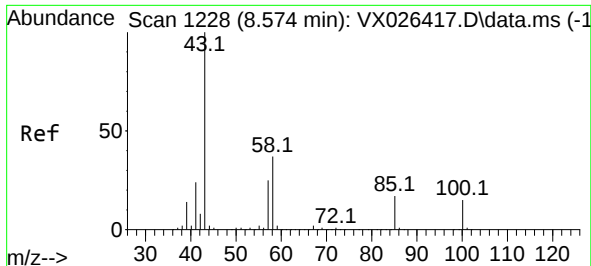
Tgt Ion: 98 Resp: 273376

Ion Ratio Lower Upper

98 100

100 66.4 53.2 79.8

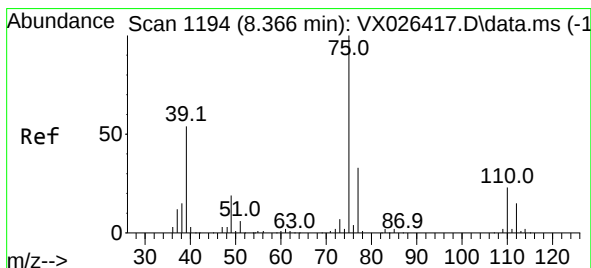
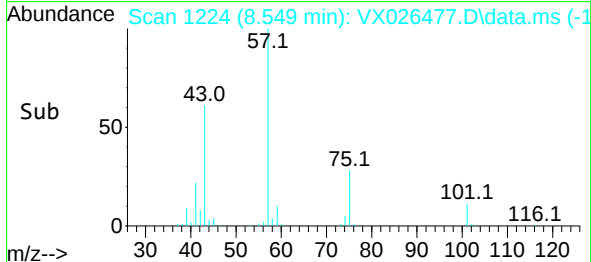
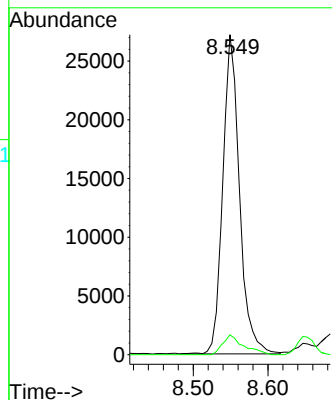
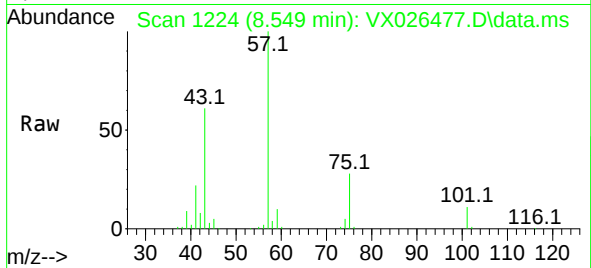




#51
4-Methyl-2-Pentanone
Concen: 18.204 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX026477.D
Acq: 15 Jan 2022 00:51

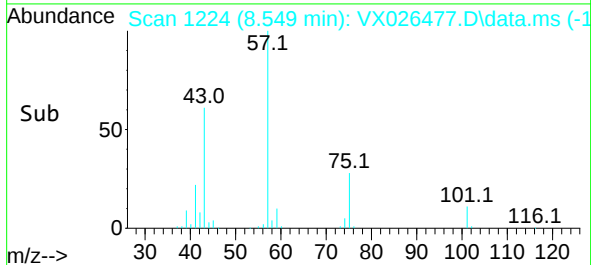
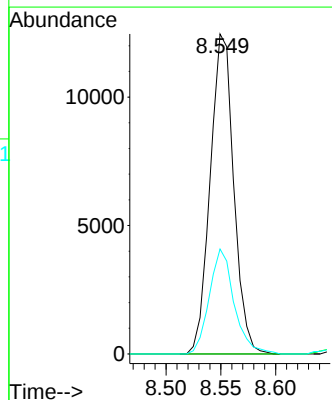
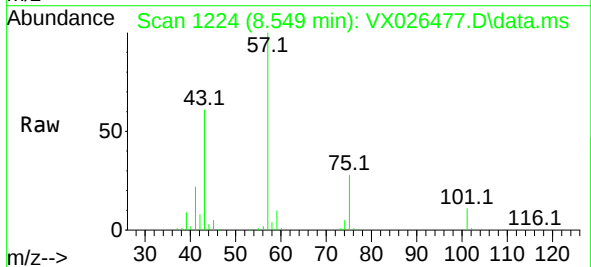
Instrument :
MSVOA_X
ClientSampleId :

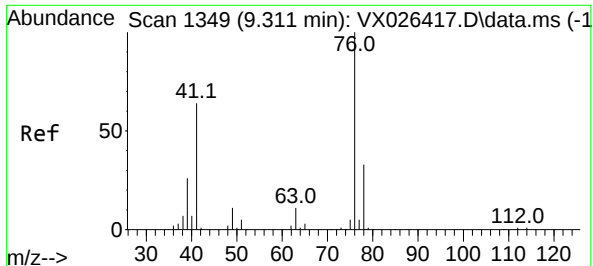
Tgt Ion: 43 Resp: 42325
Ion Ratio Lower Upper
43 100
58 7.7 30.5 45.7#



#54
cis-1,3-Dichloropropene
Concen: 7.349 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX026477.D
Acq: 15 Jan 2022 00:51

Tgt Ion: 75 Resp: 18606
Ion Ratio Lower Upper
75 100
77 0.0 26.2 39.2#
39 32.8 43.5 65.3#





#57

1,3-Dichloropropane

Concen: 3.996 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX026477.D

Acq: 15 Jan 2022 00:51

Instrument :

MSVOA_X

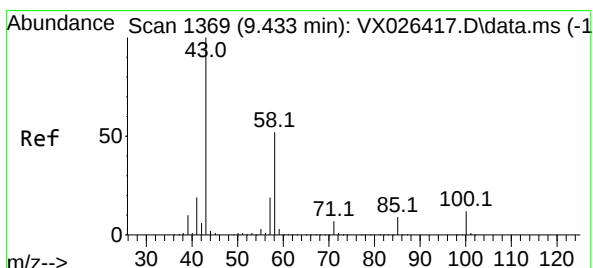
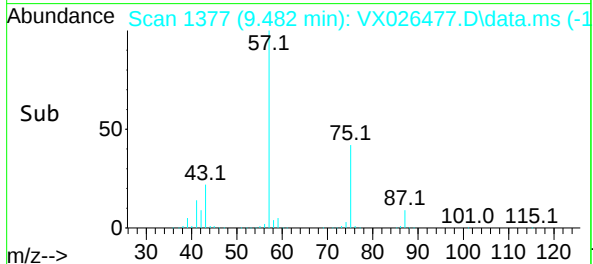
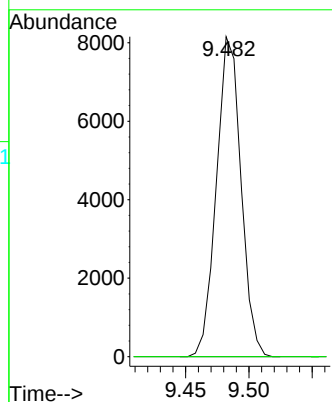
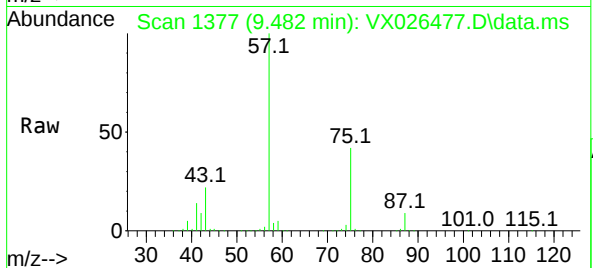
ClientSampleId :

Tgt Ion: 76 Resp: 10993

Ion Ratio Lower Upper

76 100

78 0.0 25.7 38.5#



#59

2-Hexanone

Concen: 89.324 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX026477.D

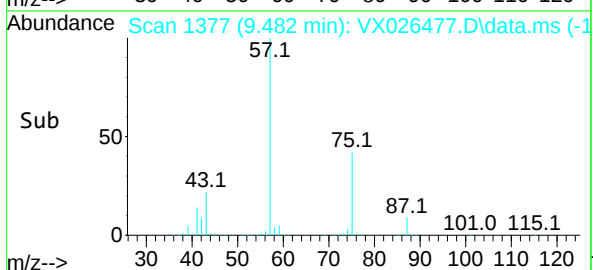
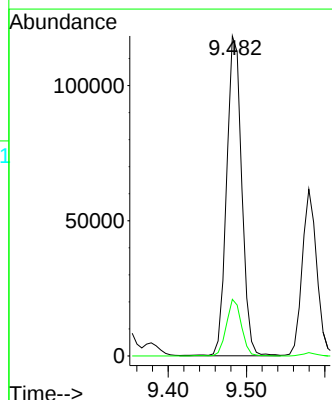
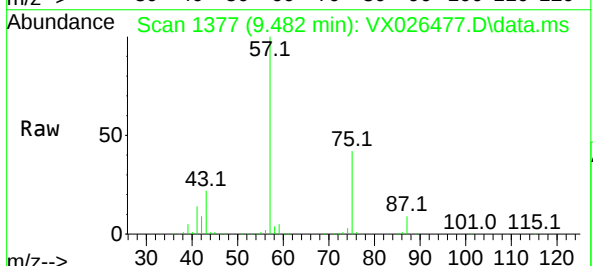
Acq: 15 Jan 2022 00:51

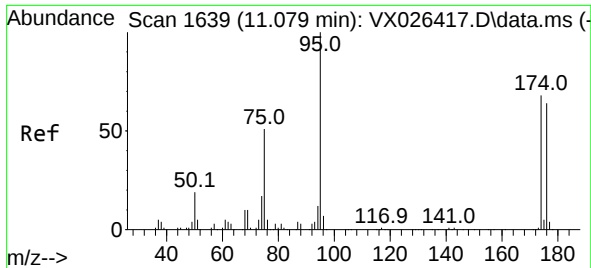
Tgt Ion: 43 Resp: 158952

Ion Ratio Lower Upper

43 100

58 17.5 26.4 79.2#

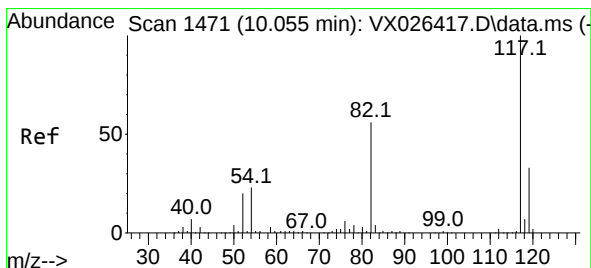
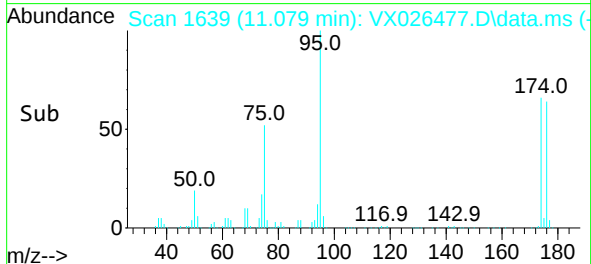
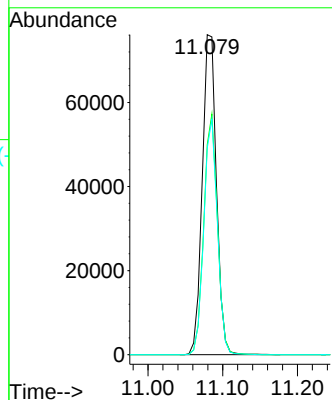
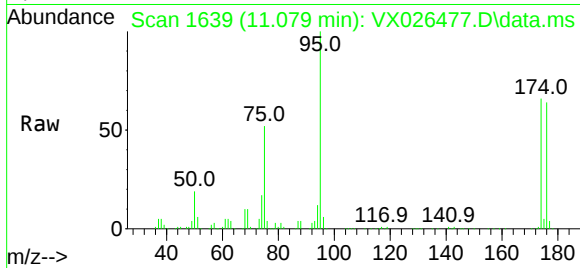




#62
4-Bromofluorobenzene
Concen: 51.514 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026477.D
Acq: 15 Jan 2022 00:51

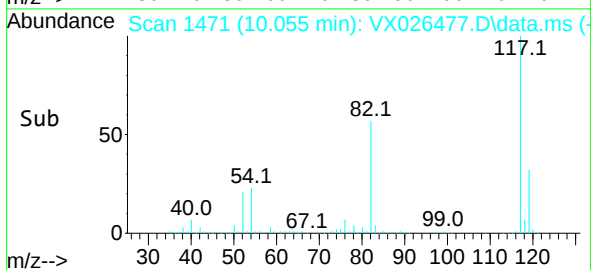
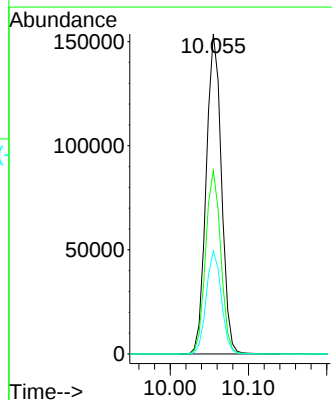
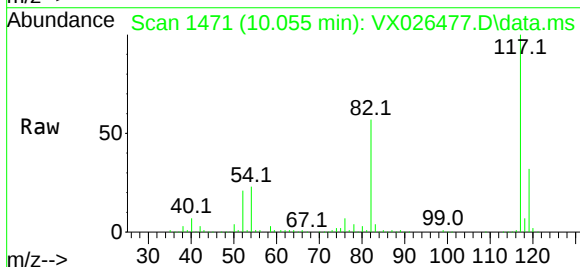
Instrument :
MSVOA_X
ClientSampleId :

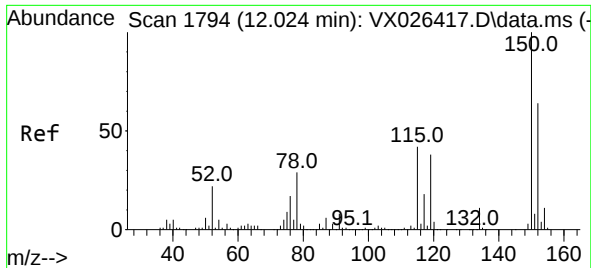
Tgt Ion: 95 Resp: 100208
Ion Ratio Lower Upper
95 100
174 72.0 0.0 148.6
176 70.3 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026477.D
Acq: 15 Jan 2022 00:51

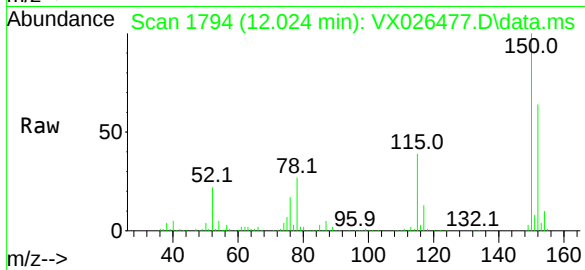
Tgt Ion: 117 Resp: 207043
Ion Ratio Lower Upper
117 100
82 57.3 45.2 67.8
119 32.2 26.2 39.2



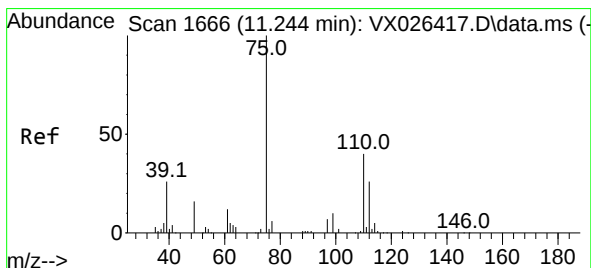
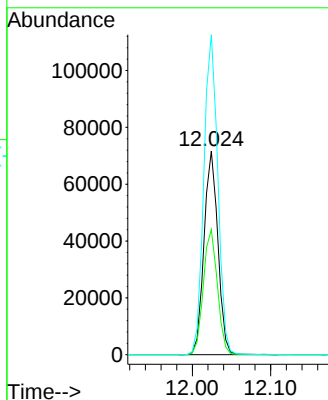
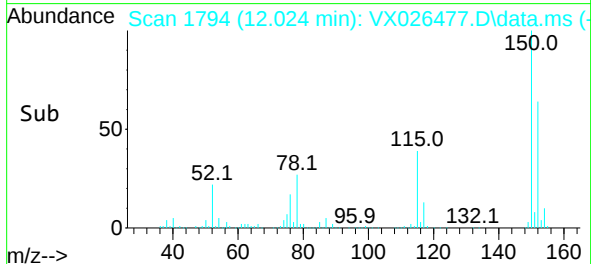


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026477.D
 Acq: 15 Jan 2022 00:51

Instrument :
 MSVOA_X
 ClientSampleId :

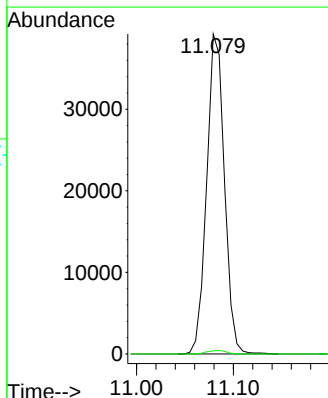
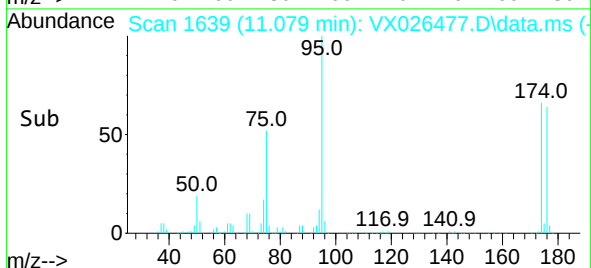
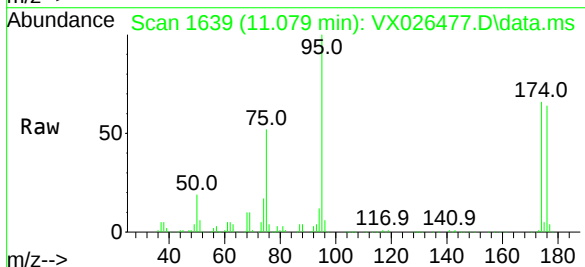


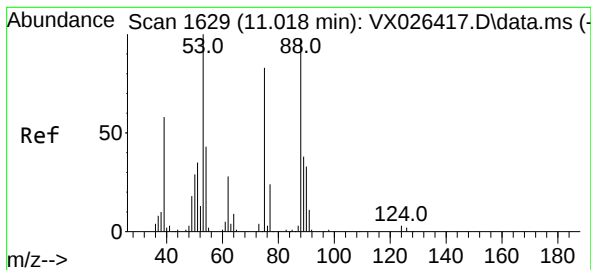
Tgt Ion:152 Resp: 87766
 Ion Ratio Lower Upper
 152 100
 115 62.3 44.2 132.6
 150 158.6 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 25.899 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX026477.D
 Acq: 15 Jan 2022 00:51

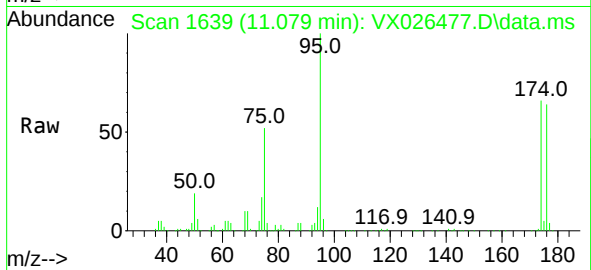
Tgt Ion: 75 Resp: 50048
 Ion Ratio Lower Upper
 75 100
 77 1.1 18.3 54.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.544 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX026477.D
 Acq: 15 Jan 2022 00:51

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 50048
 Ion Ratio Lower Upper
 75 100
 53 0.0 94.0 141.0#
 89 0.0 37.0 55.4#

