

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060621\
 Data File : VX022489.D
 Acq On : 06 Jun 2021 19:43
 Operator : JC/MD
 Sample : M2598-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 13

Quant Time: Jun 07 04:27:17 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)

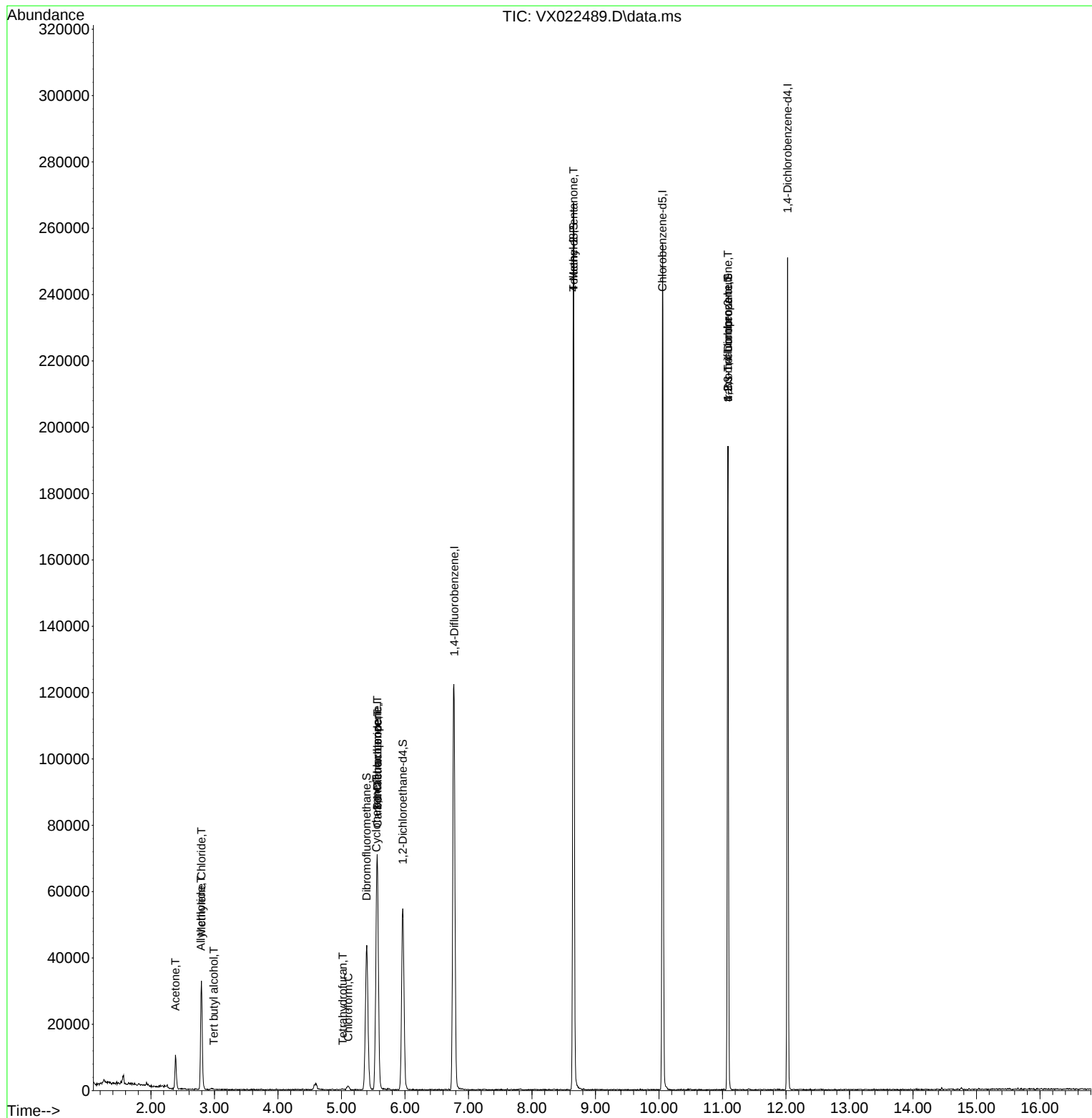
Internal Standards						
1) Pentafluorobenzene	5.562	168	59753	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.775	114	123247	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	109483	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	43929	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.965	65	49684	53.903	ug/l	0.00
Spiked Amount 50.000	Range 78	- 117	Recovery	=	107.800%	
35) Dibromofluoromethane	5.398	113	36551	46.766	ug/l	0.00
Spiked Amount 50.000	Range 75	- 124	Recovery	=	93.540%	
50) Toluene-d8	8.653	98	148819	49.430	ug/l	0.00
Spiked Amount 50.000	Range 92	- 112	Recovery	=	98.860%	
62) 4-Bromofluorobenzene	11.086	95	53771	48.320	ug/l	0.00
Spiked Amount 50.000	Range 83	- 123	Recovery	=	96.640%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.989	59	112	0.531	ug/l	# 73
14) Allyl chloride	2.788	41	770	0.612	ug/l	# 33
16) Acetone	2.386	43	10049	25.038	ug/l	93
20) Methylene Chloride	2.794	84	14463	16.230	ug/l	90
29) Tetrahydrofuran	5.020	42	84	0.217	ug/l	# 46
30) Chloroform	5.105	83	1482	1.009	ug/l	96
31) Cyclohexane	5.550	56	885	0.764	ug/l	# 1
36) 1,1-Dichloropropene	5.562	75	5979	5.246	ug/l	# 46
38) Carbon Tetrachloride	5.568	117	7120	6.387	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.653	43	882	0.644	ug/l	# 1
76) 1,2,3-Trichloropropane	11.086	75	28814	26.588	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.086	75	28814	62.996	ug/l	# 12

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

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Response via : Initial Calibration

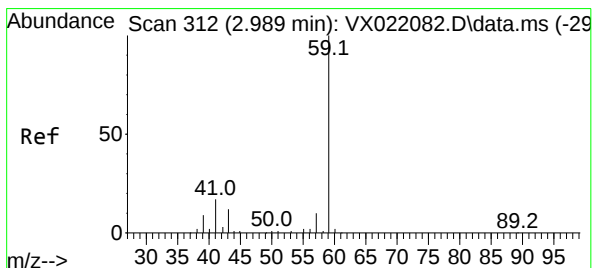
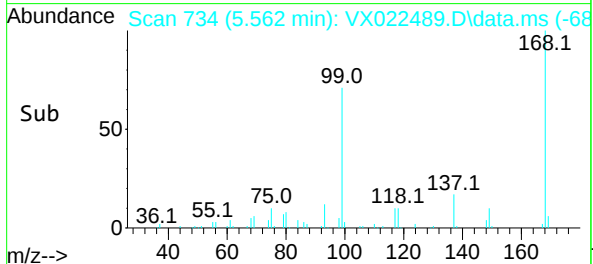
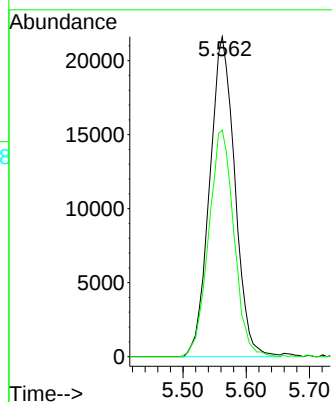
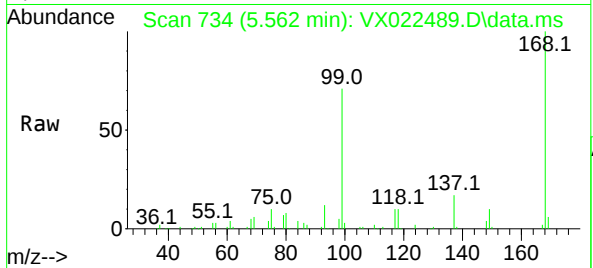




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022489.D
Acq: 06 Jun 2021 19:43

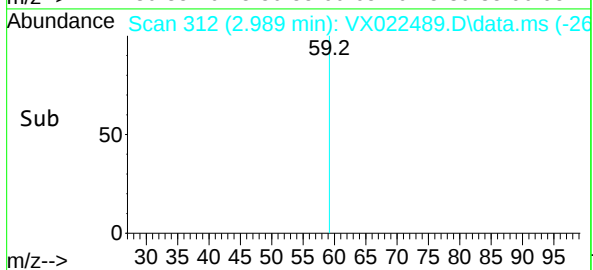
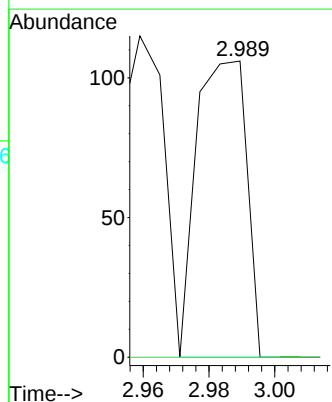
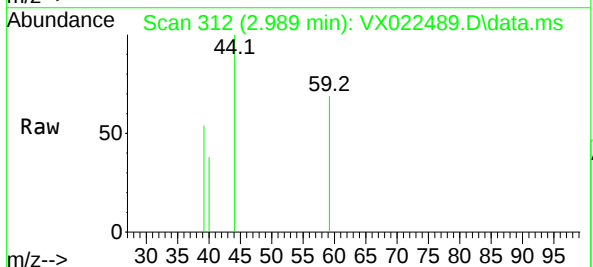
Instrument :
MSVOA_X
ClientSampled :
13

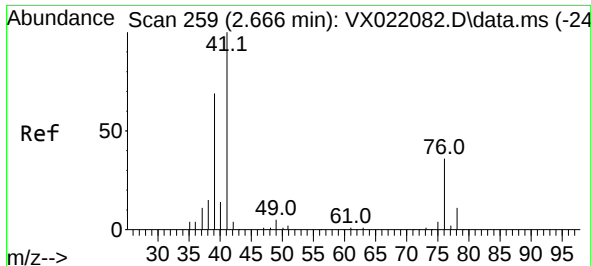
Tgt Ion:168 Resp: 59753
Ion Ratio Lower Upper
168 100
99 70.8 45.8 68.6#



#11
Tert butyl alcohol
Concen: 0.531 ug/l
RT: 2.989 min Scan# 312
Delta R.T. 0.000 min
Lab File: VX022489.D
Acq: 06 Jun 2021 19:43

Tgt Ion: 59 Resp: 112
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

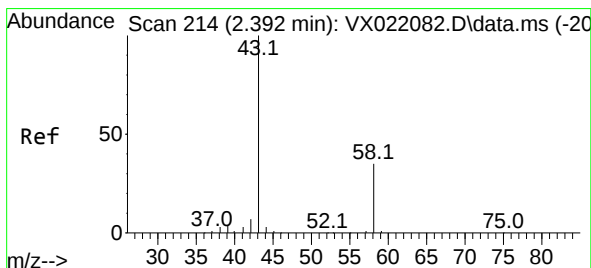
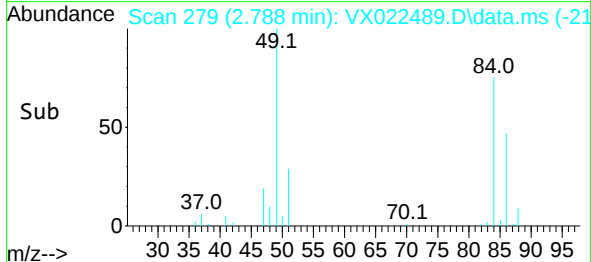
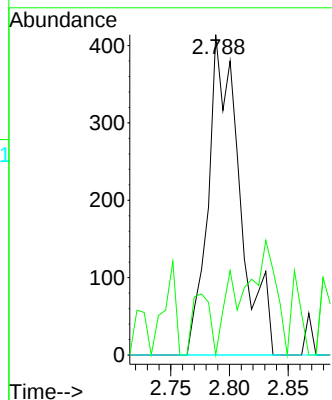
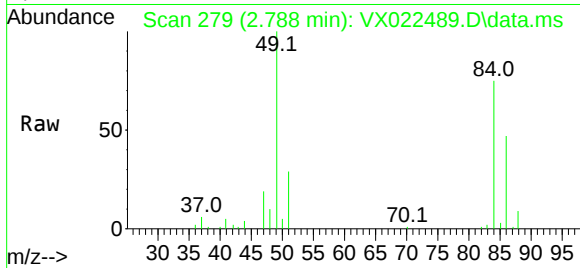




#14
 Allyl chloride
 Concen: 0.612 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.122 min
 Lab File: VX022489.D
 Acq: 06 Jun 2021 19:43

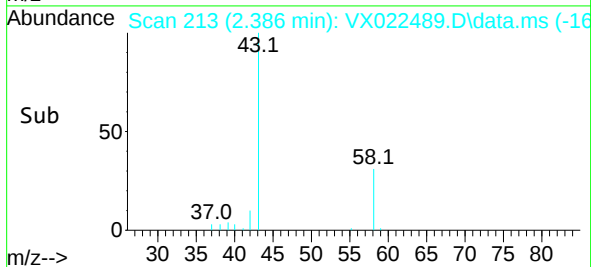
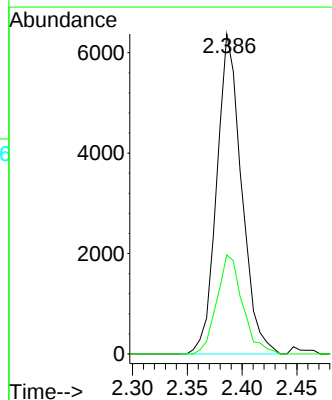
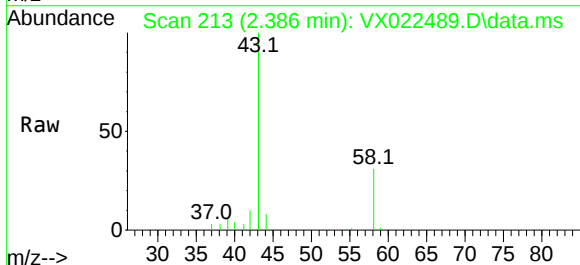
Instrument :
 MSVOA_X
 ClientSampled :
 13

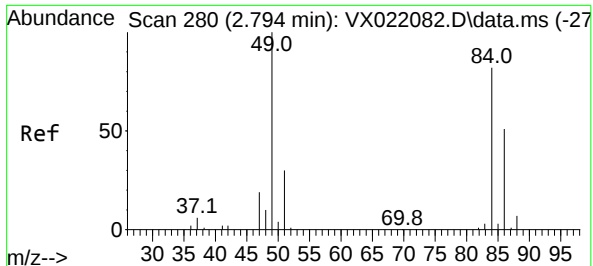
Tgt Ion: 41 Resp: 770
 Ion Ratio Lower Upper
 41 100
 39 10.6 51.6 77.4#
 76 0.0 30.5 45.7#



#16
 Acetone
 Concen: 25.038 ug/l
 RT: 2.386 min Scan# 213
 Delta R.T. -0.006 min
 Lab File: VX022489.D
 Acq: 06 Jun 2021 19:43

Tgt Ion: 43 Resp: 10049
 Ion Ratio Lower Upper
 43 100
 58 31.0 27.8 41.8





#20

Methylene Chloride

Concen: 16.230 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX022489.D

Acq: 06 Jun 2021 19:43

Tgt Ion: 84 Resp: 14463

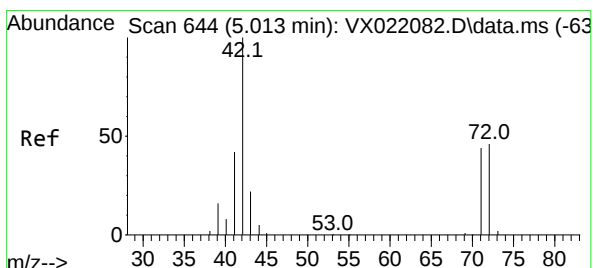
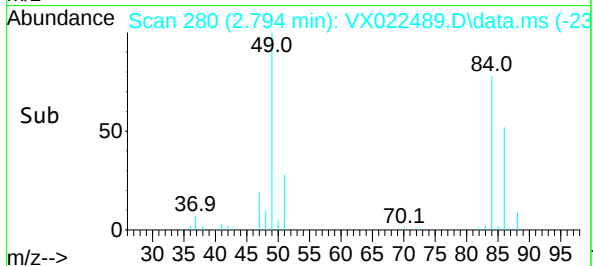
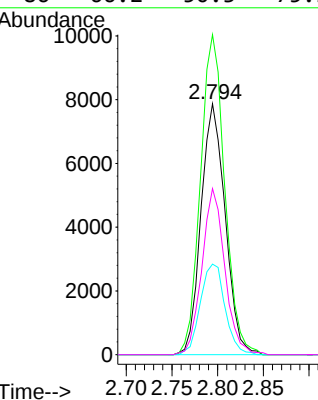
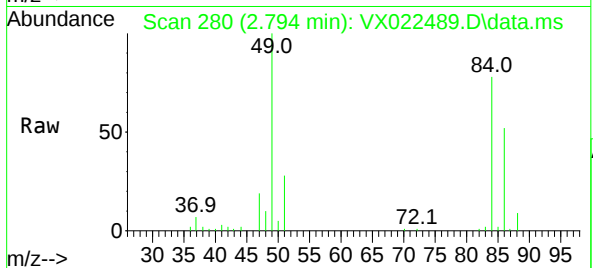
Ion Ratio Lower Upper

84 100

49 127.5 88.6 132.8

51 36.1 27.0 40.6

86 66.2 50.3 75.5



#29

Tetrahydrofuran

Concen: 0.217 ug/l

RT: 5.020 min Scan# 645

Delta R.T. 0.007 min

Lab File: VX022489.D

Acq: 06 Jun 2021 19:43

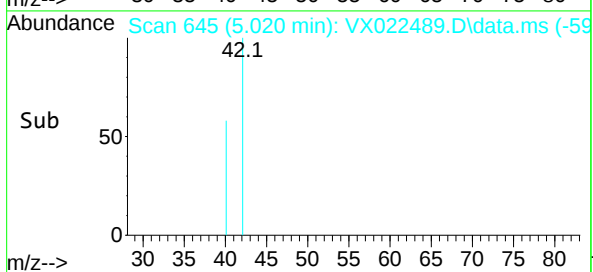
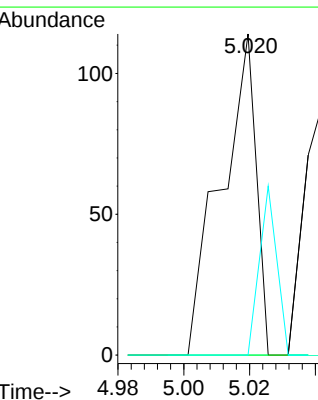
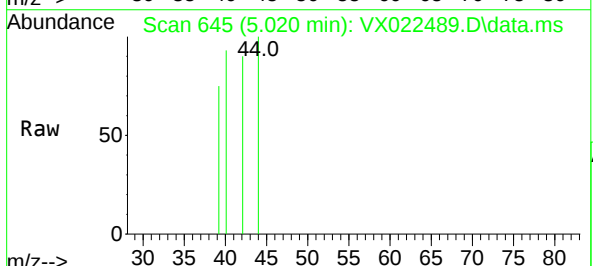
Tgt Ion: 42 Resp: 84

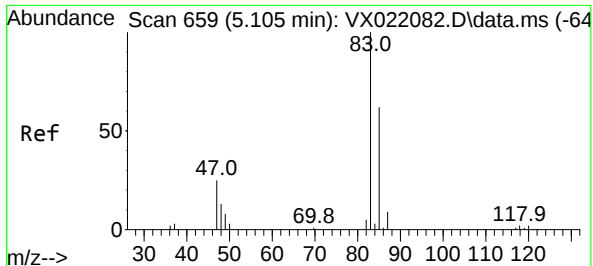
Ion Ratio Lower Upper

42 100

72 0.0 41.7 62.5#

71 26.2 38.4 57.6#





#30

Chloroform

Concen: 1.009 ug/l

RT: 5.105 min Scan# 659

Delta R.T. -0.000 min

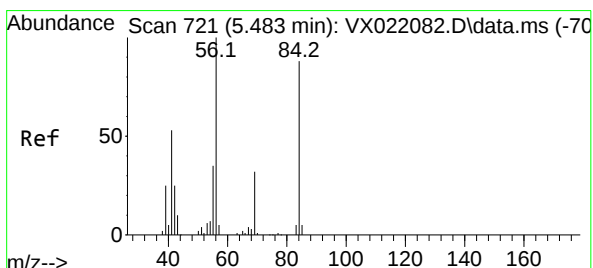
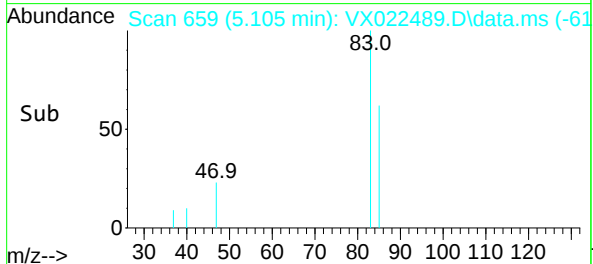
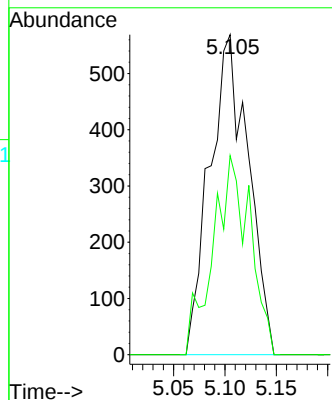
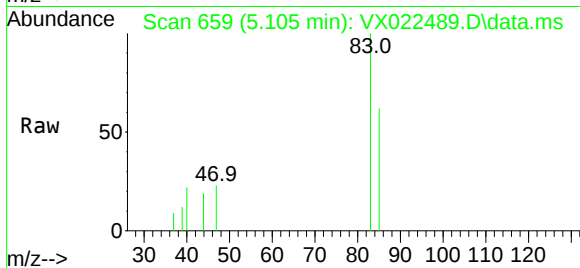
Lab File: VX022489.D

Acq: 06 Jun 2021 19:43

Tgt Ion: 83 Resp: 1482

Ion	Ratio	Lower	Upper
83	100		
85	62.2	52.0	78.0

Instrument :
MSVOA_X
ClientSampled :
13



#31

Cyclohexane

Concen: 0.764 ug/l

RT: 5.550 min Scan# 732

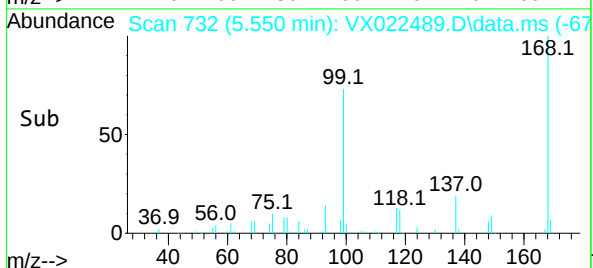
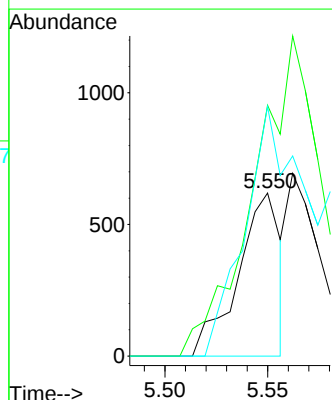
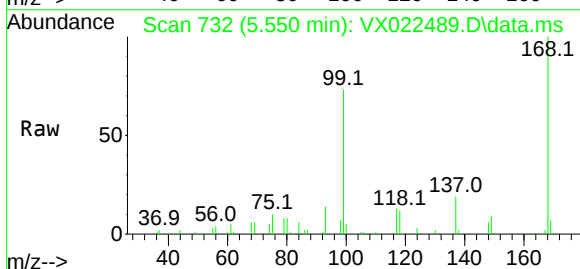
Delta R.T. 0.067 min

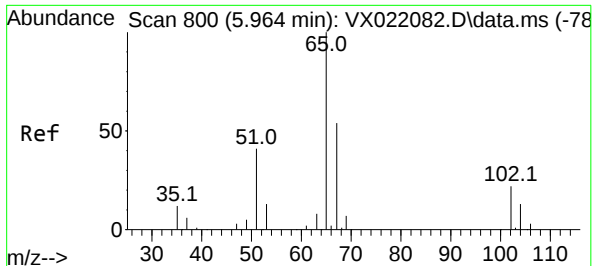
Lab File: VX022489.D

Acq: 06 Jun 2021 19:43

Tgt Ion: 56 Resp: 885

Ion	Ratio	Lower	Upper
56	100		
69	154.0	25.3	37.9#
84	153.2	71.4	107.0#



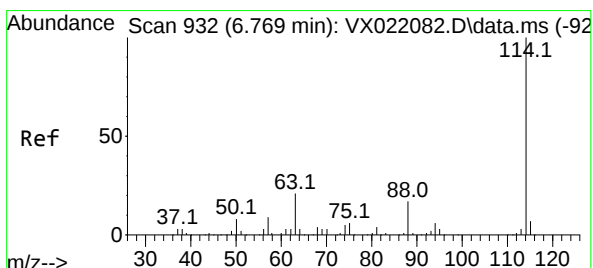
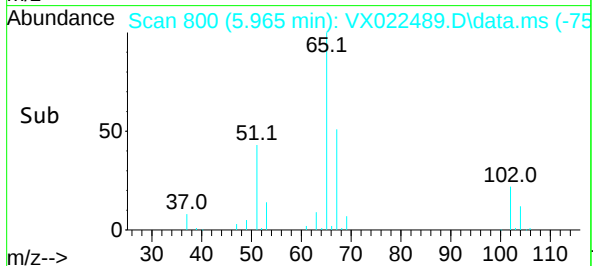
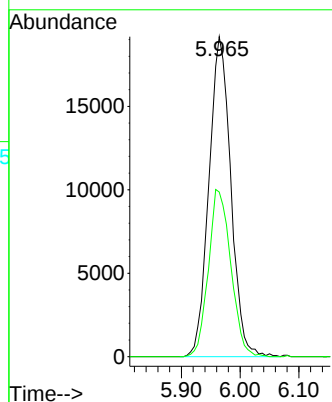
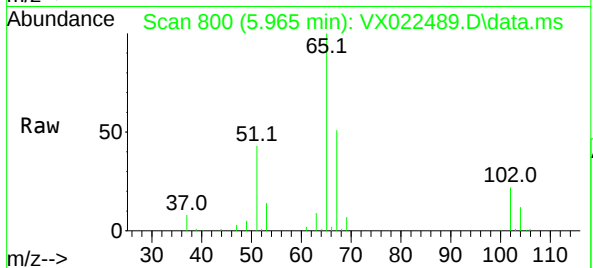


#33

1,2-Dichloroethane-d4
Concen: 53.903 ug/l
RT: 5.965 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022489.D
Acq: 06 Jun 2021 19:43

Instrument :
MSVOA_X
ClientSampled :
13

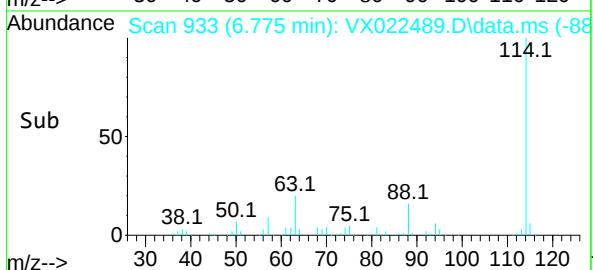
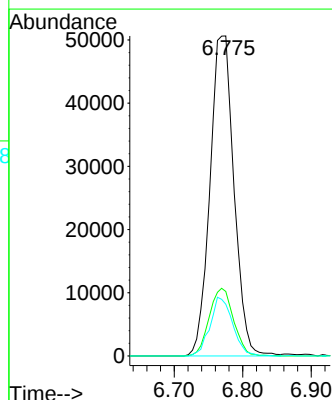
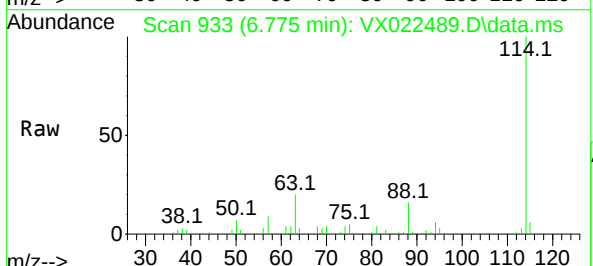
Tgt Ion: 65 Resp: 49684
Ion Ratio Lower Upper
65 100
67 53.5 0.0 105.4

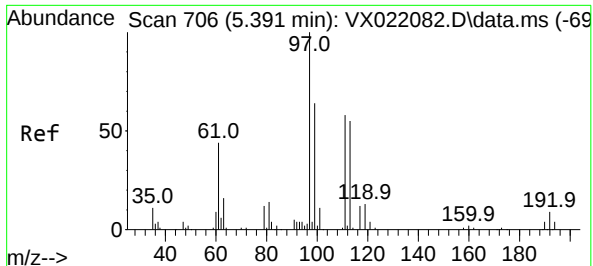


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 933
Delta R.T. 0.006 min
Lab File: VX022489.D
Acq: 06 Jun 2021 19:43

Tgt Ion: 114 Resp: 123247
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.8
88 16.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 46.766 ug/l

RT: 5.398 min Scan# 707

Delta R.T. 0.007 min

Lab File: VX022489.D

Acq: 06 Jun 2021 19:43

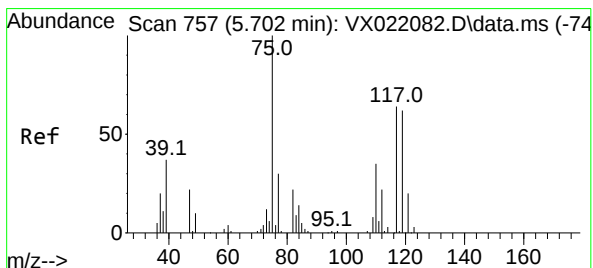
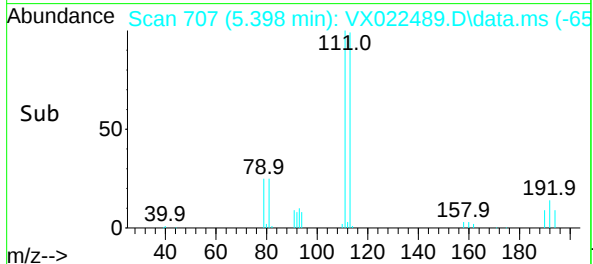
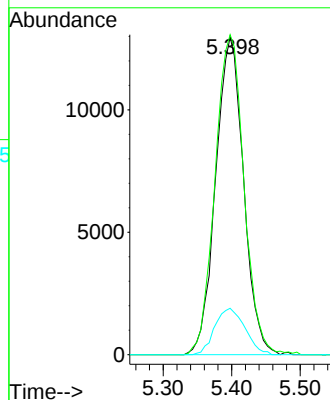
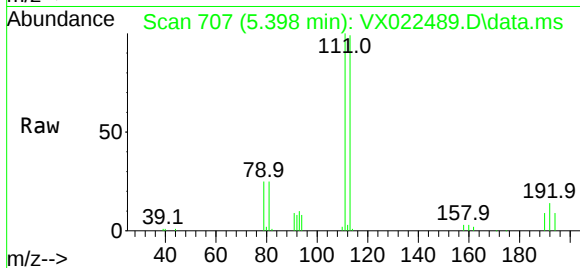
Tgt Ion:113 Resp: 36551

Ion Ratio Lower Upper

113 100

111 104.8 81.9 122.9

192 15.8 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 5.246 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX022489.D

Acq: 06 Jun 2021 19:43

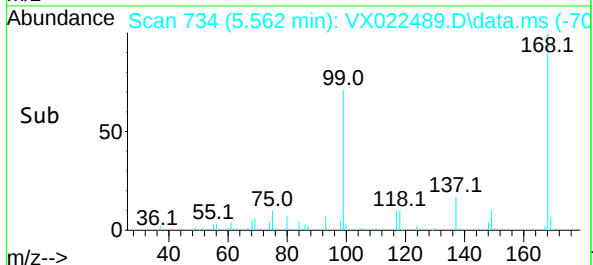
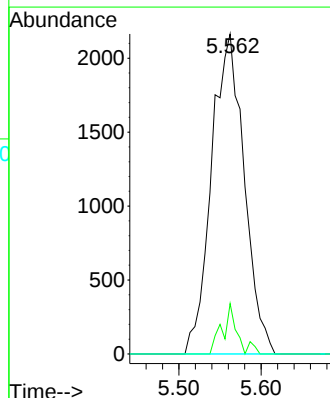
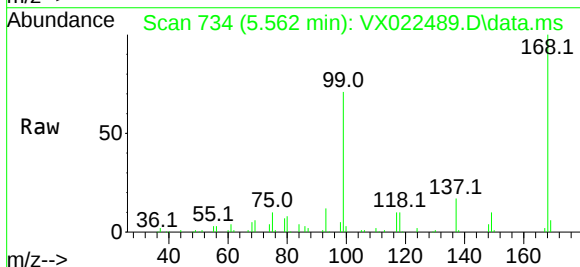
Tgt Ion: 75 Resp: 5979

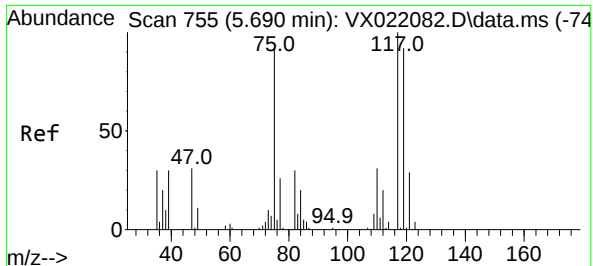
Ion Ratio Lower Upper

75 100

110 6.4 18.1 54.4#

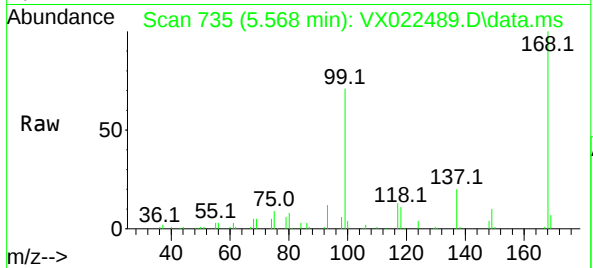
77 0.0 25.3 37.9#



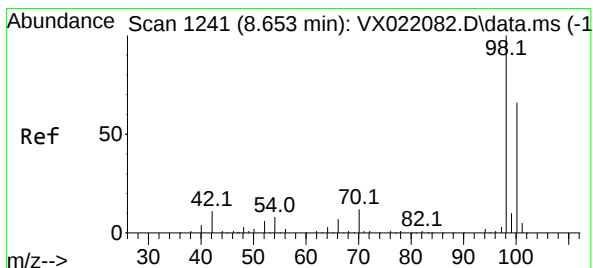
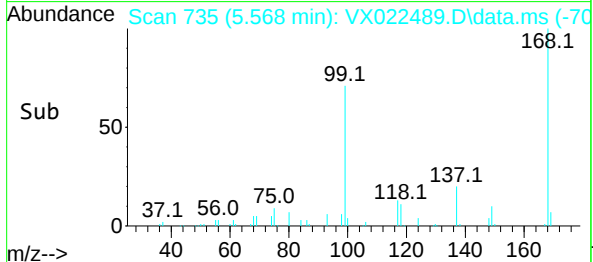
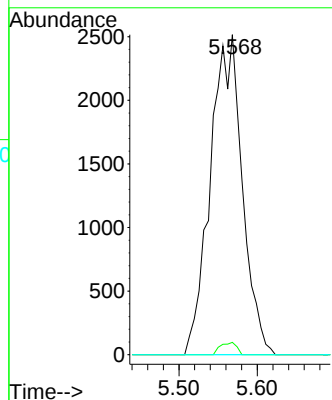


#38
Carbon Tetrachloride
Concen: 6.387 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX022489.D
Acq: 06 Jun 2021 19:43

Instrument :
MSVOA_X
ClientSampled :
13

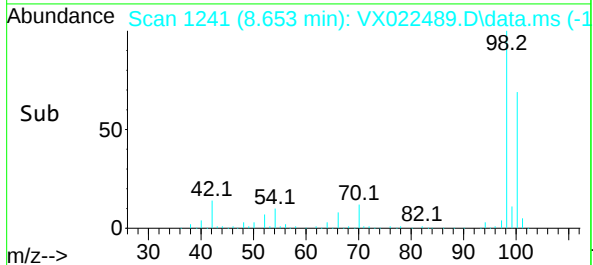
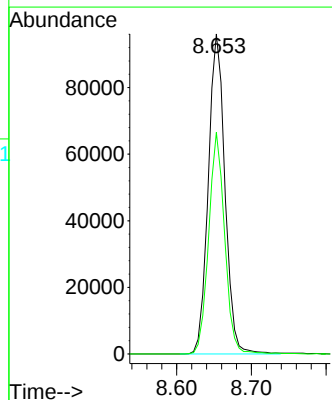
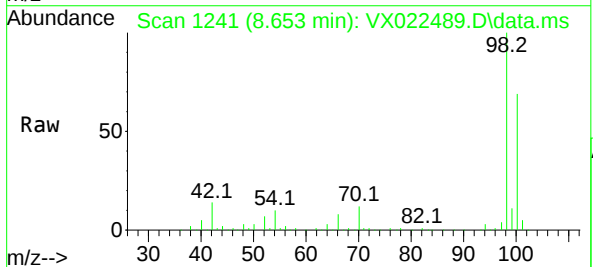


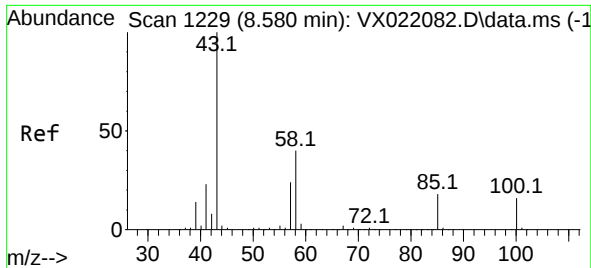
Tgt Ion:117 Resp: 7120
Ion Ratio Lower Upper
117 100
119 3.9 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.430 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX022489.D
Acq: 06 Jun 2021 19:43

Tgt Ion: 98 Resp: 148819
Ion Ratio Lower Upper
98 100
100 66.2 51.9 77.9

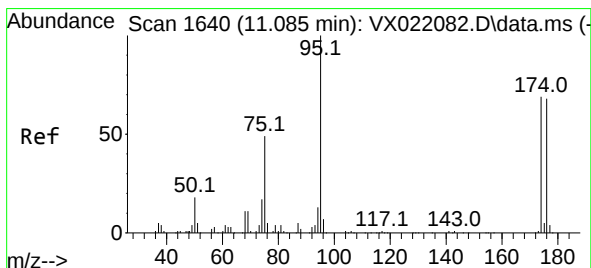
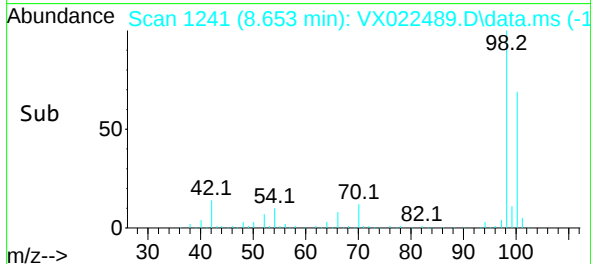
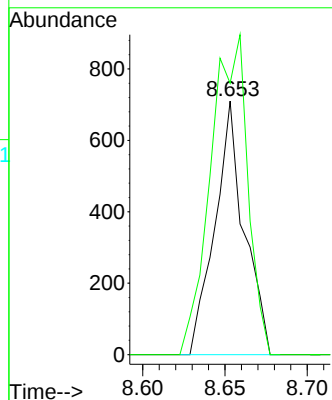
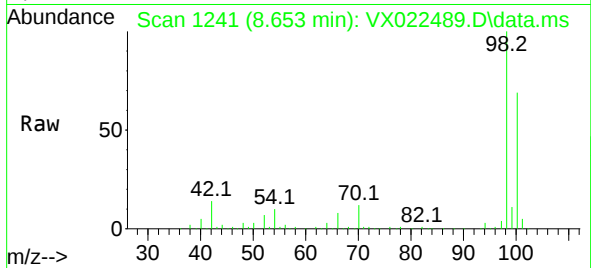




#51
4-Methyl-2-Pentanone
Concen: 0.644 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022489.D
Acq: 06 Jun 2021 19:43

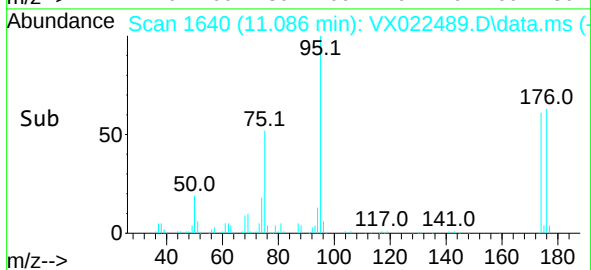
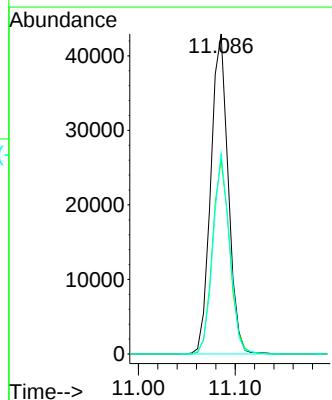
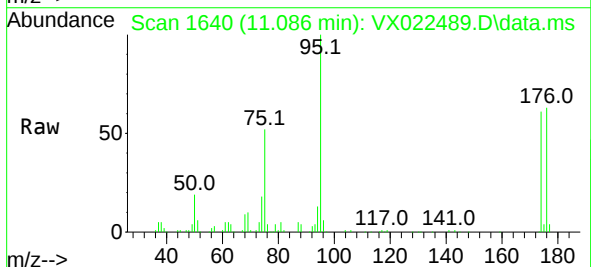
Instrument :
MSVOA_X
ClientSampled :
13

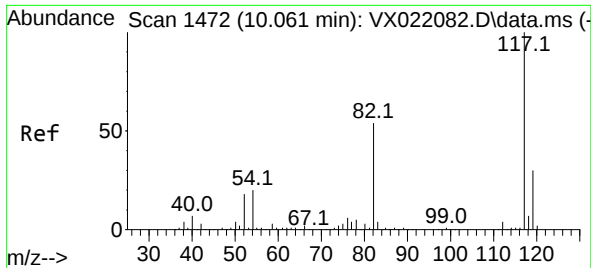
Tgt Ion: 43 Resp: 882
Ion Ratio Lower Upper
43 100
58 158.5 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 48.320 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.001 min
Lab File: VX022489.D
Acq: 06 Jun 2021 19:43

Tgt Ion: 95 Resp: 53771
Ion Ratio Lower Upper
95 100
174 60.2 0.0 154.6
176 60.1 0.0 155.8

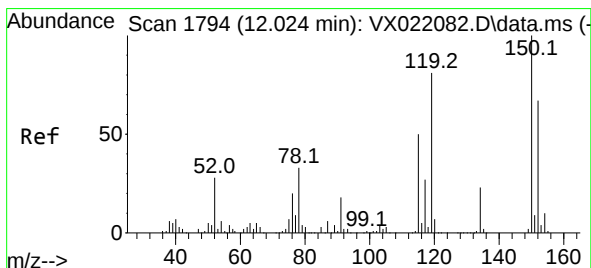
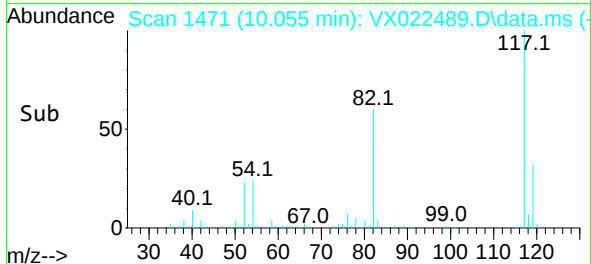
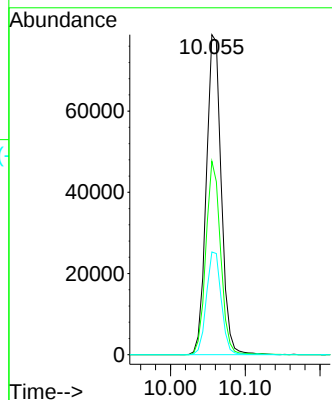
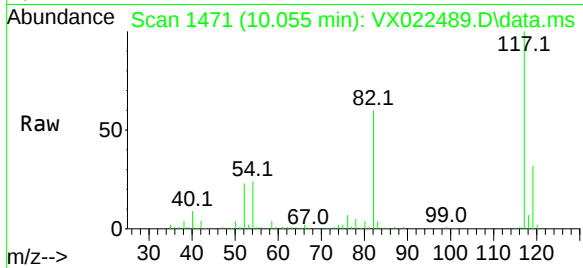




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022489.D
Acq: 06 Jun 2021 19:43

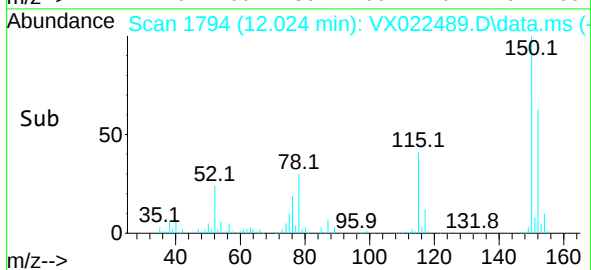
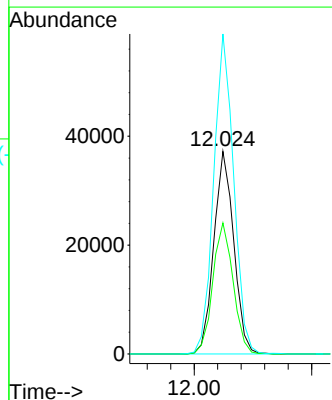
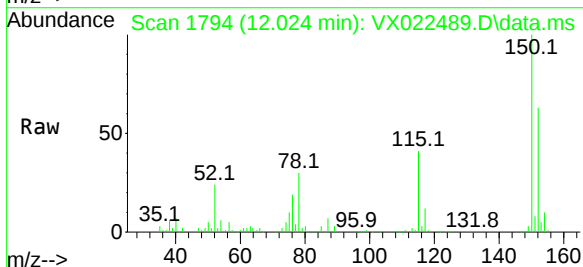
Instrument :
MSVOA_X
ClientSampleId :
13

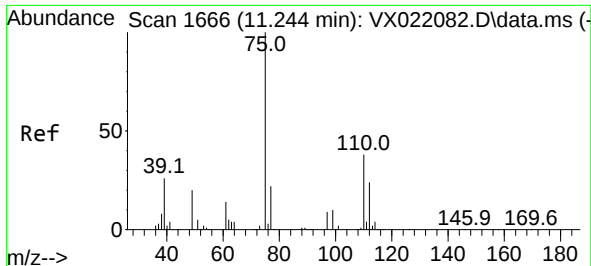
Tgt Ion:117 Resp: 109483
Ion Ratio Lower Upper
117 100
82 60.5 47.4 71.2
119 32.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022489.D
Acq: 06 Jun 2021 19:43

Tgt Ion:152 Resp: 43929
Ion Ratio Lower Upper
152 100
115 65.8 41.1 123.3
150 158.0 0.0 349.0

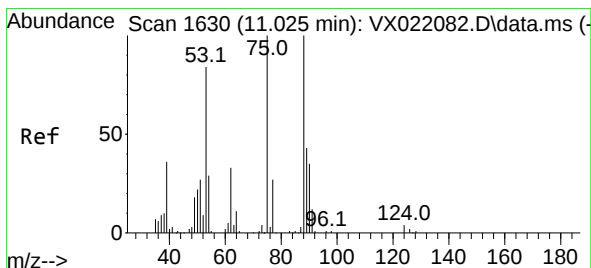
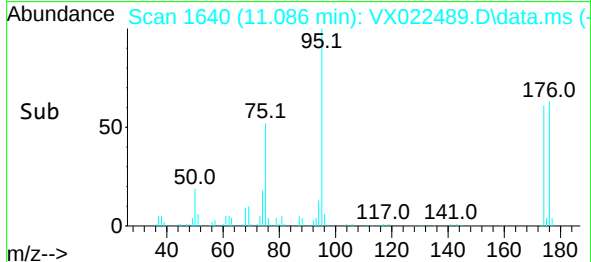
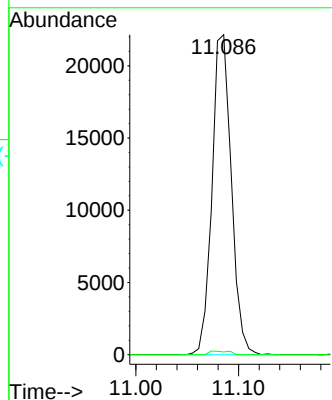
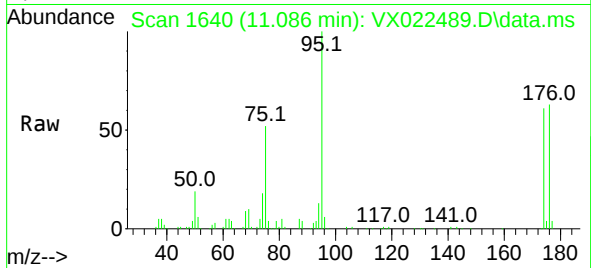




#76
1,2,3-Trichloropropane
Concen: 26.588 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX022489.D
Acq: 06 Jun 2021 19:43

Instrument :
MSVOA_X
ClientSampled :
13

Tgt Ion: 75 Resp: 28814
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.996 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022489.D
Acq: 06 Jun 2021 19:43

Tgt Ion: 75 Resp: 28814
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

