

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011722\
 Data File : VX026489.D
 Acq On : 17 Jan 2022 14:31
 Operator : JC/MD
 Sample : N1156-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Jan 18 00:41:26 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)

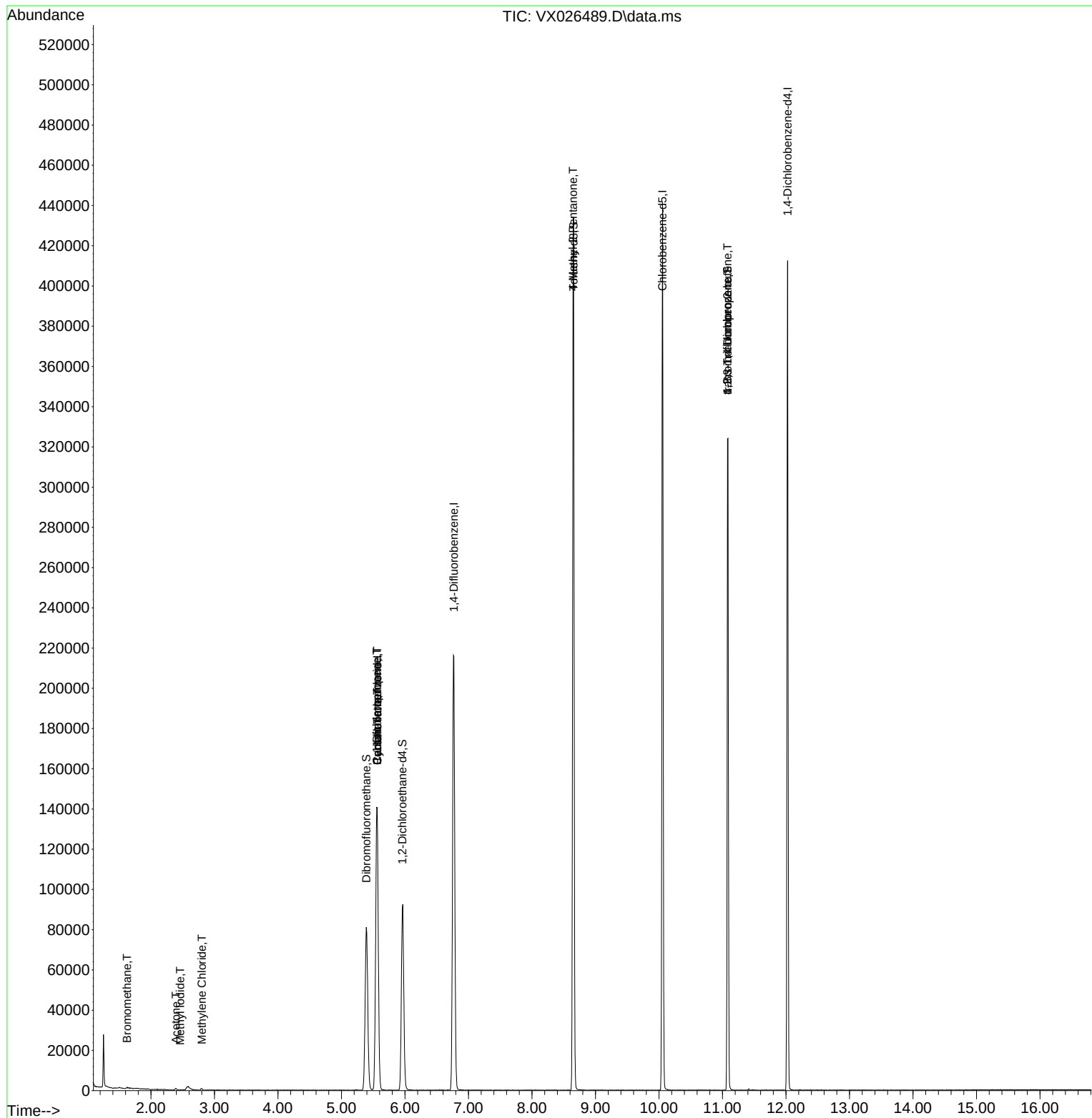
Internal Standards						
1) Pentafluorobenzene	5.562	168	131519	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	220690	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	192848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80511	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91326	49.709	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.420%		
35) Dibromofluoromethane	5.391	113	71226	49.978	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.960%		
50) Toluene-d8	8.653	98	256689	49.982	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.960%		
62) 4-Bromofluorobenzene	11.079	95	92922	50.934	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.860%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	138	0.200	ug/l	84
10) Methyl Iodide	2.459	142	121	4.516	ug/l #	76
16) Acetone	2.392	43	1014	1.082	ug/l #	84
20) Methylene Chloride	2.800	84	356	0.230	ug/l #	88
31) Cyclohexane	5.562	56	2746	1.013	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10511	4.672	ug/l #	50
38) Carbon Tetrachloride	5.562	117	14171	6.124	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1113	0.510	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	47574	26.837	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	47574	81.210	ug/l #	3

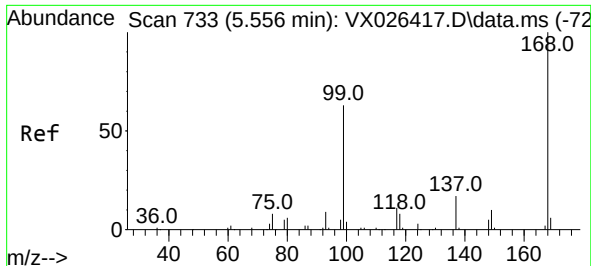
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
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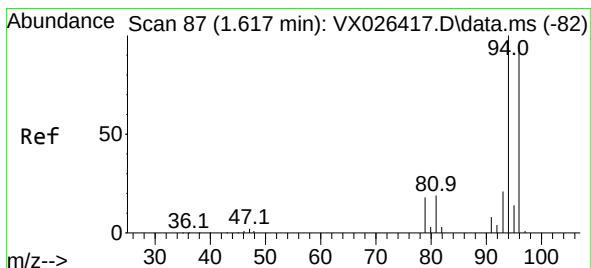
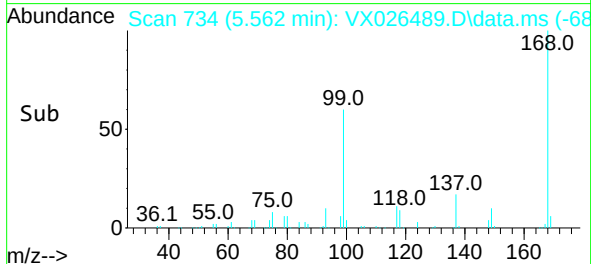
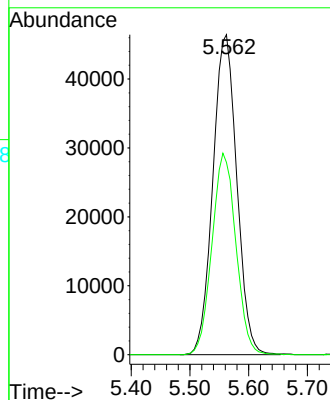
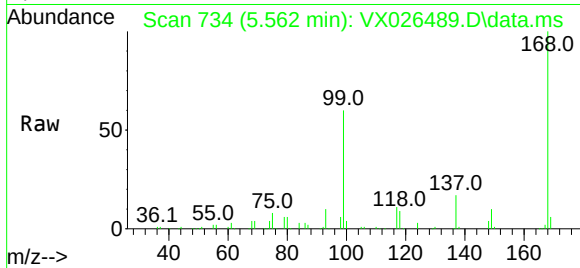




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026489.D
Acq: 17 Jan 2022 14:31

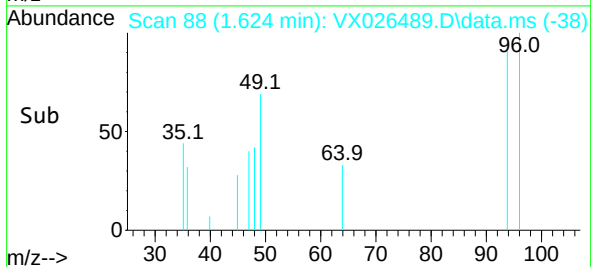
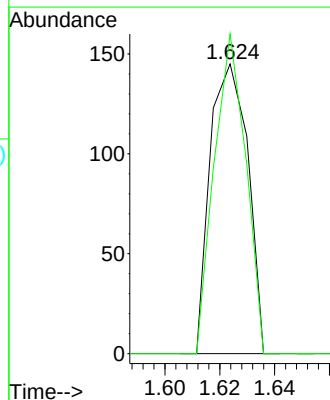
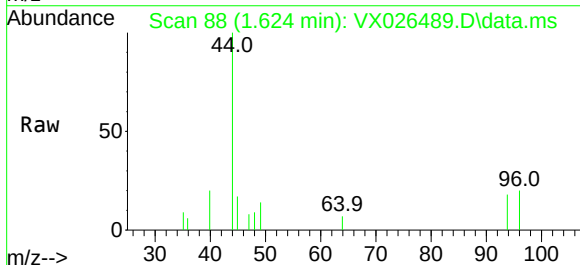
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

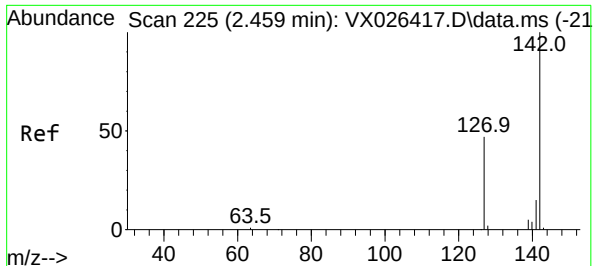
Tgt Ion:168 Resp: 131519
Ion Ratio Lower Upper
168 100
99 60.1 50.3 75.5



#5
Bromomethane
Concen: 0.200 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.006 min
Lab File: VX026489.D
Acq: 17 Jan 2022 14:31

Tgt Ion: 94 Resp: 138
Ion Ratio Lower Upper
94 100
96 110.3 75.9 113.9

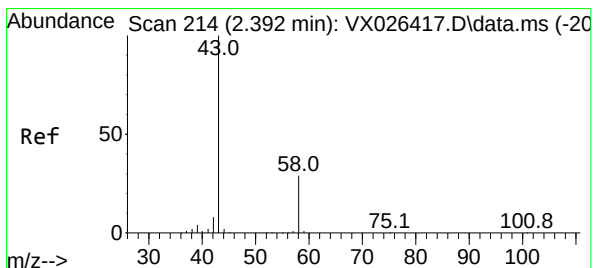
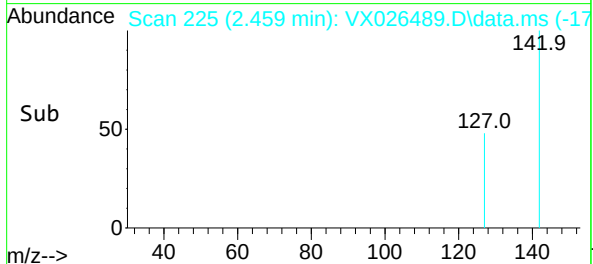
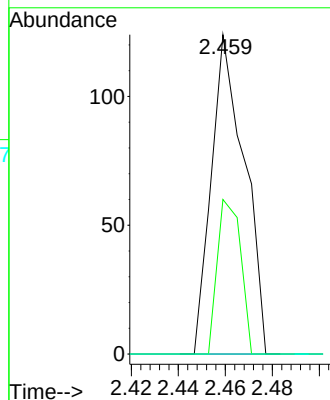
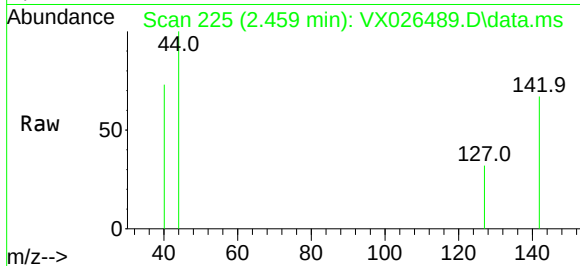




#10
Methyl Iodide
Concen: 4.516 ug/l
RT: 2.459 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX026489.D
Acq: 17 Jan 2022 14:31

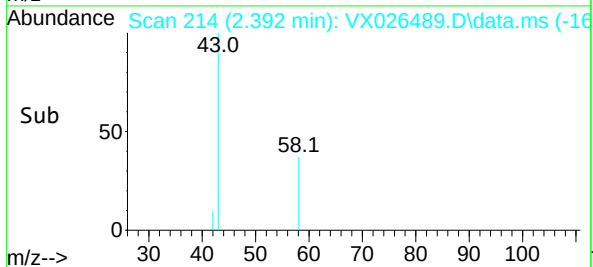
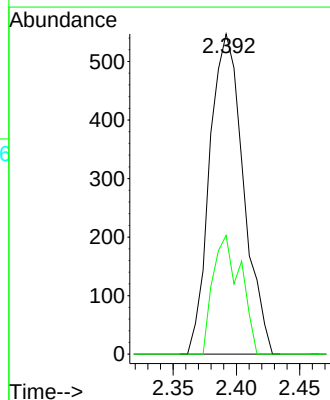
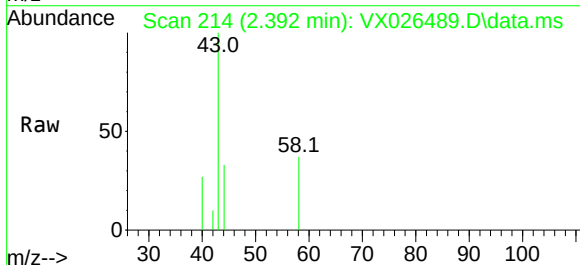
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

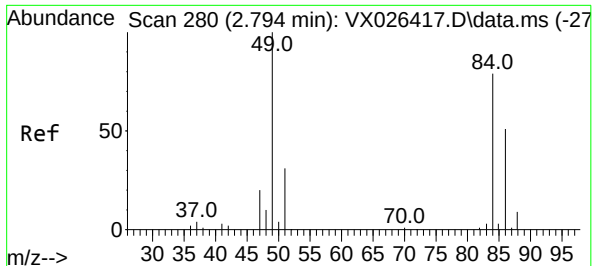
Tgt Ion:142 Resp: 121
Ion Ratio Lower Upper
142 100
127 33.9 38.1 57.1#
141 0.0 11.2 16.8#



#16
Acetone
Concen: 1.082 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX026489.D
Acq: 17 Jan 2022 14:31

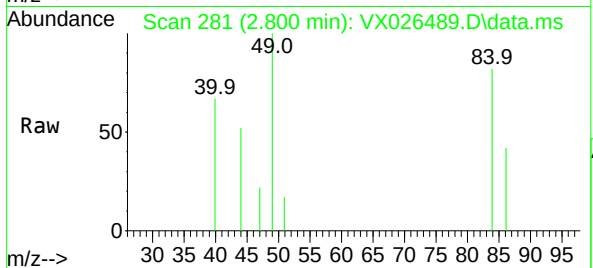
Tgt Ion: 43 Resp: 1014
Ion Ratio Lower Upper
43 100
58 37.1 23.0 34.6#



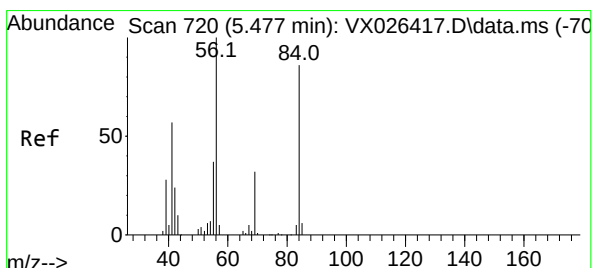
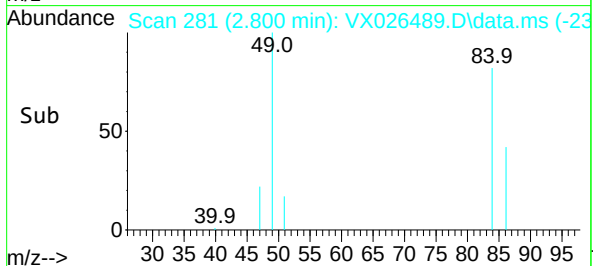
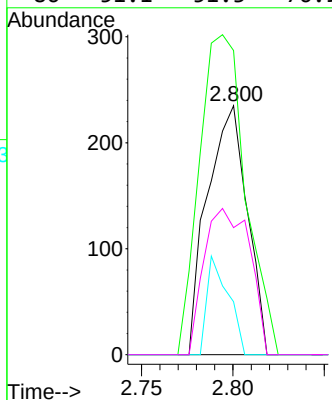


#20
Methylene Chloride
Concen: 0.230 ug/l
RT: 2.800 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX026489.D
Acq: 17 Jan 2022 14:31

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

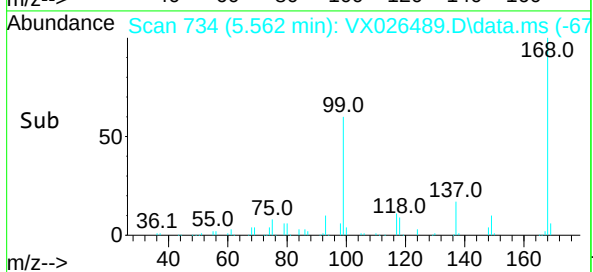
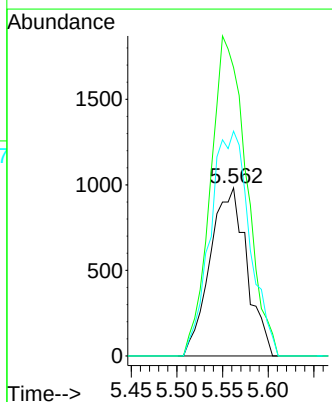
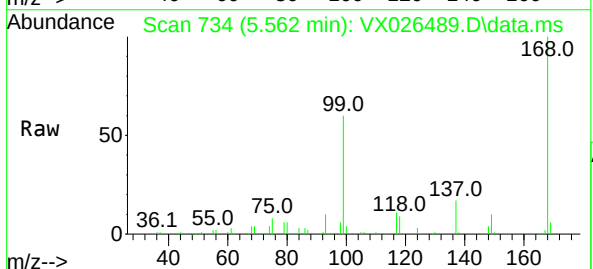


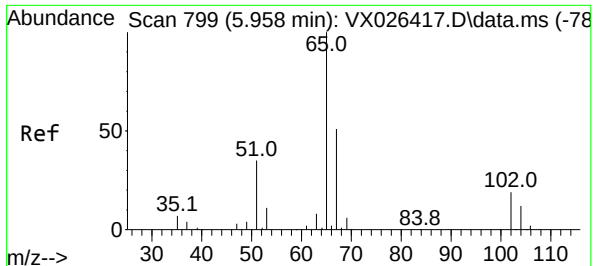
Tgt Ion: 84	Resp: 356
Ion Ratio	Lower Upper
84 100	
49 122.1	101.5 152.3
51 21.3	31.2 46.8#
86 51.1	51.3 76.9#



#31
Cyclohexane
Concen: 1.013 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX026489.D
Acq: 17 Jan 2022 14:31

Tgt Ion: 56	Resp: 2746
Ion Ratio	Lower Upper
56 100	
69 171.7	25.8 38.6#
84 133.8	68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 49.709 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX026489.D

Acq: 17 Jan 2022 14:31

Instrument :

MSVOA_X

ClientSampleId :

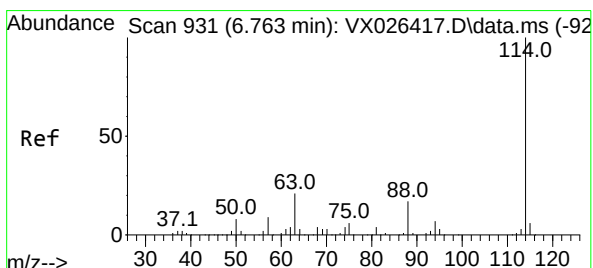
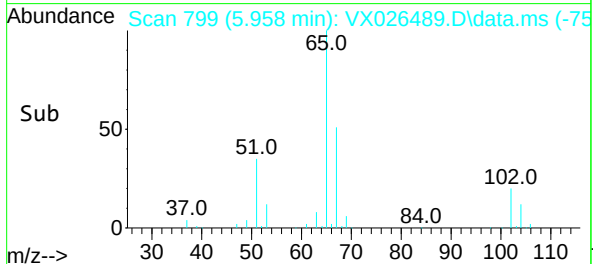
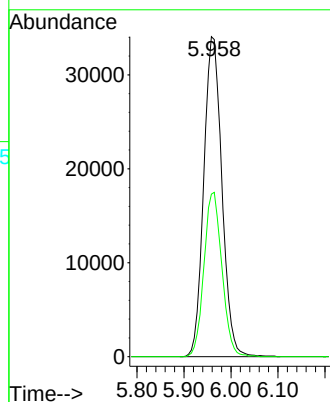
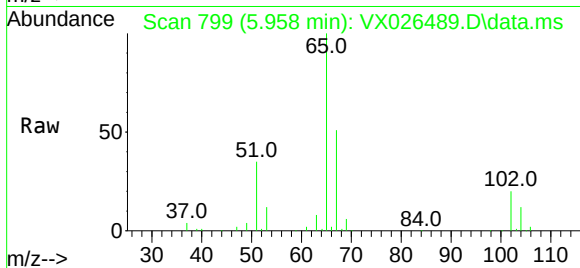
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 65 Resp: 91326

Ion Ratio Lower Upper

65 100

67 50.8 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX026489.D

Acq: 17 Jan 2022 14:31

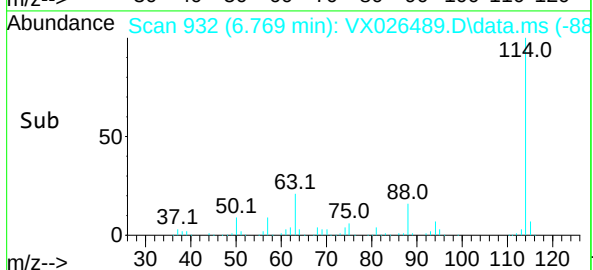
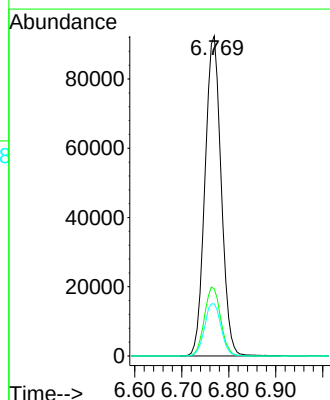
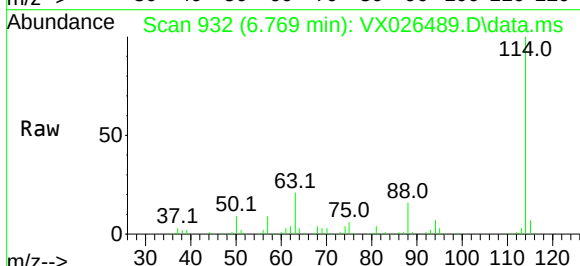
Tgt Ion:114 Resp: 220690

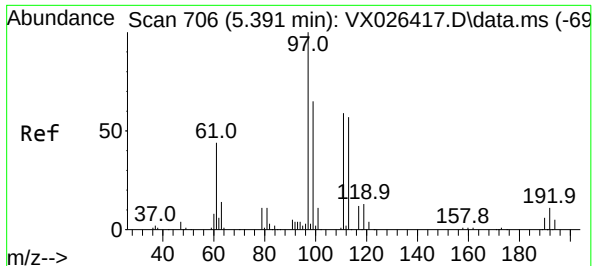
Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.8

88 16.3 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.978 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX026489.D

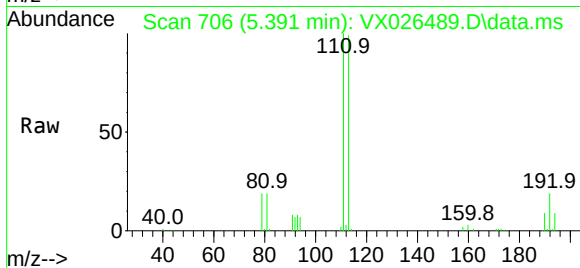
Acq: 17 Jan 2022 14:31

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG



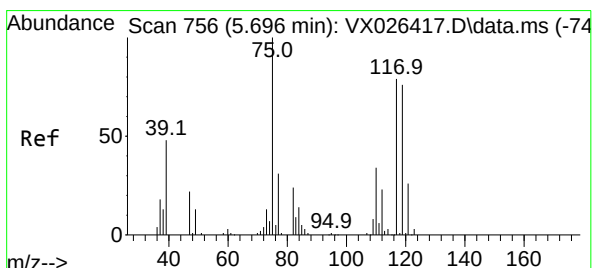
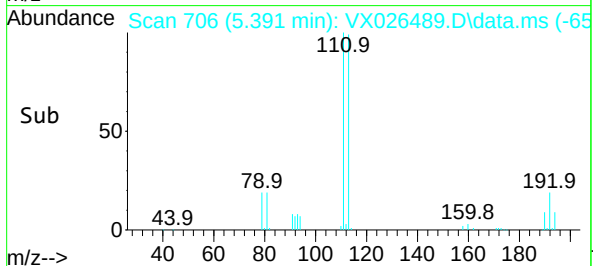
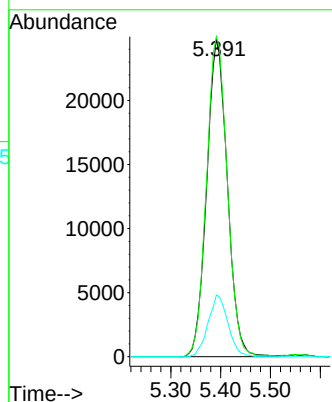
Tgt Ion:113 Resp: 71226

Ion Ratio Lower Upper

113 100

111 101.4 81.2 121.8

192 18.7 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.672 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX026489.D

Acq: 17 Jan 2022 14:31

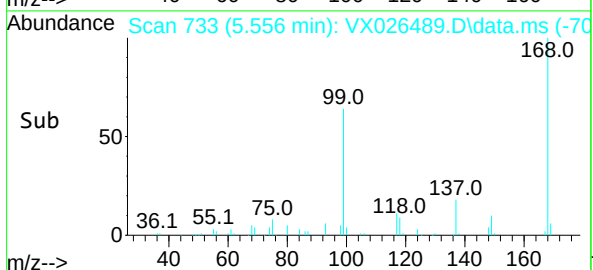
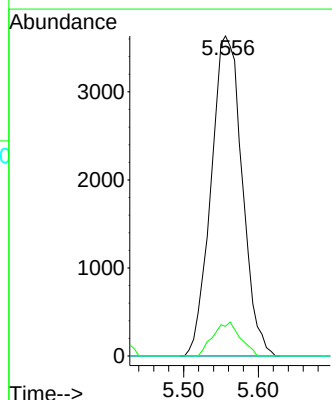
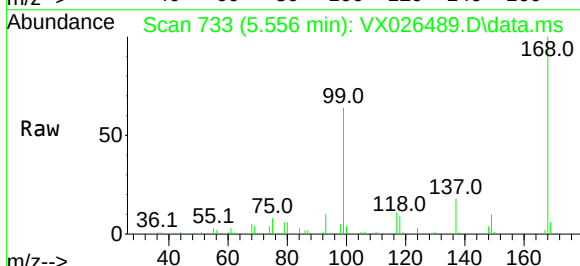
Tgt Ion: 75 Resp: 10511

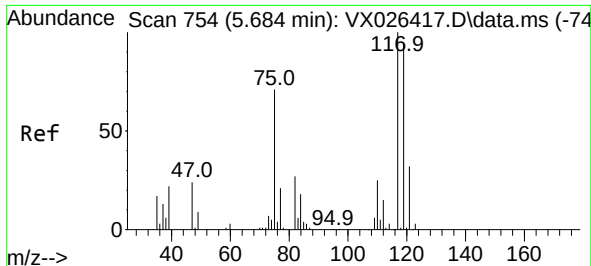
Ion Ratio Lower Upper

75 100

110 9.2 17.2 51.6#

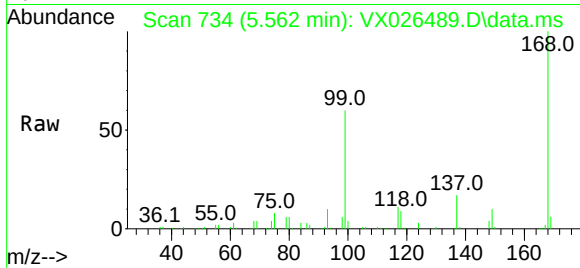
77 0.0 24.6 36.8#



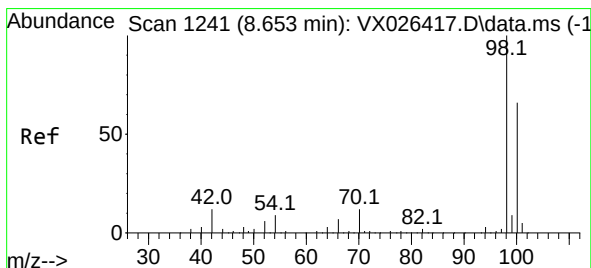
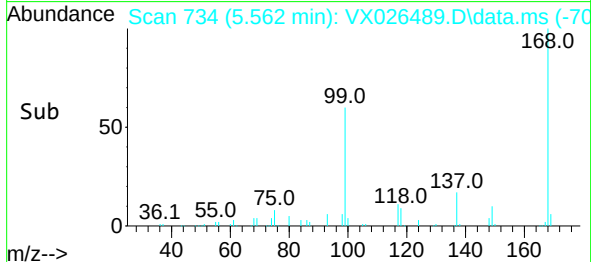
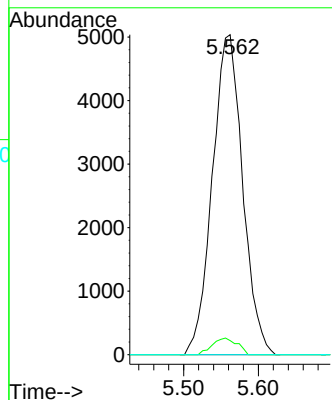


#38
Carbon Tetrachloride
Concen: 6.124 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX026489.D
Acq: 17 Jan 2022 14:31

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

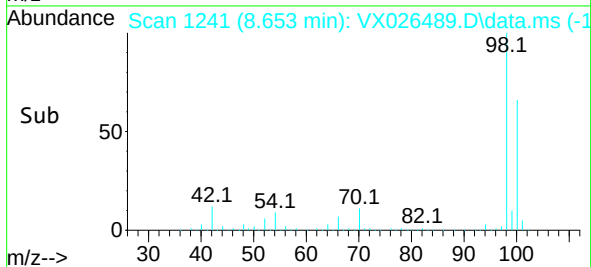
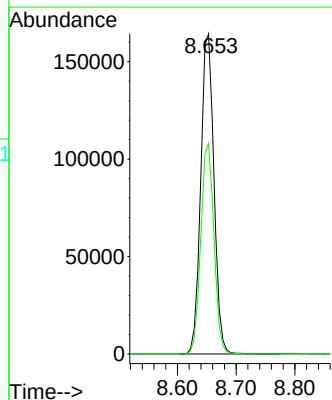
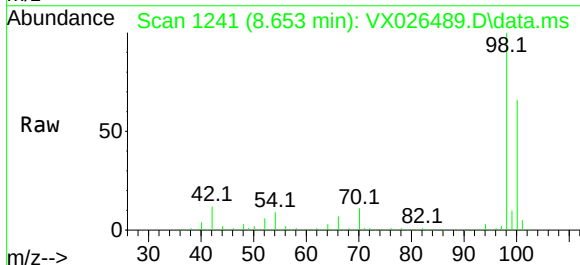


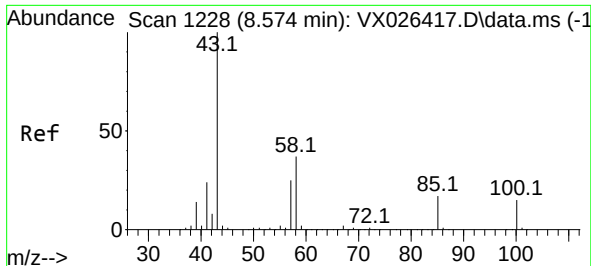
Tgt Ion:117 Resp: 14171
Ion Ratio Lower Upper
117 100
119 4.4 74.7 112.1#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 49.982 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026489.D
Acq: 17 Jan 2022 14:31

Tgt Ion: 98 Resp: 256689
Ion Ratio Lower Upper
98 100
100 65.7 53.2 79.8





#51

4-Methyl-2-Pentanone

Concen: 0.510 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX026489.D

Acq: 17 Jan 2022 14:31

Instrument :

MSVOA_X

ClientSampleId :

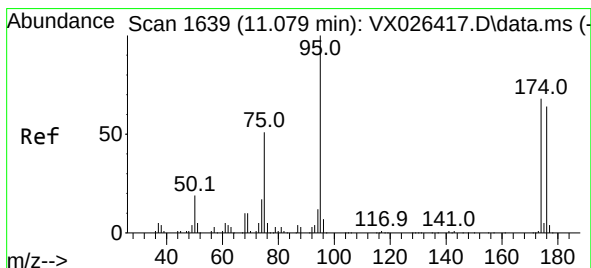
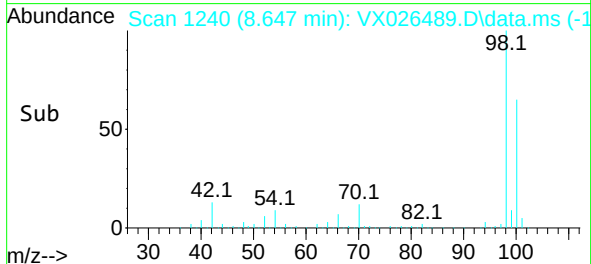
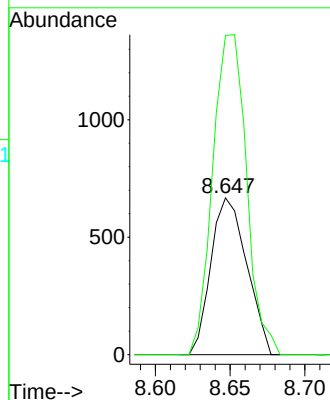
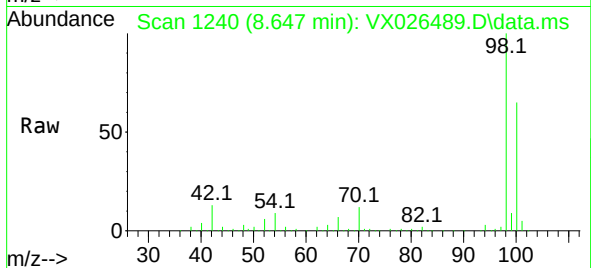
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 43 Resp: 1113

Ion Ratio Lower Upper

43 100

58 192.7 30.5 45.7#



#62

4-Bromofluorobenzene

Concen: 50.934 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX026489.D

Acq: 17 Jan 2022 14:31

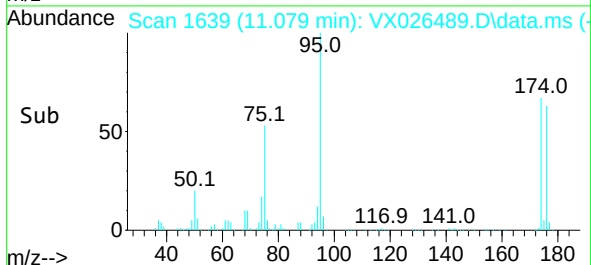
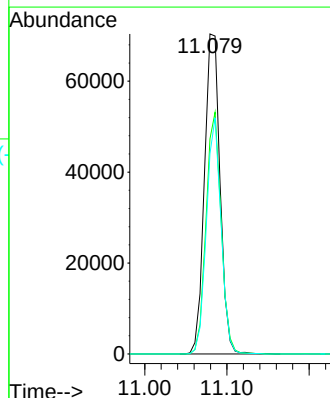
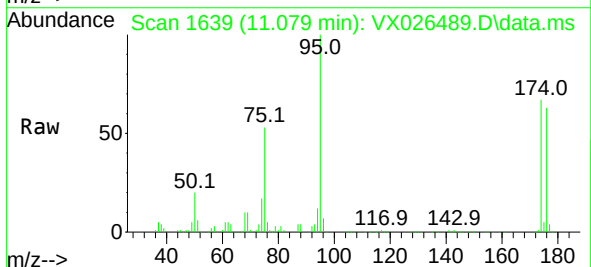
Tgt Ion: 95 Resp: 92922

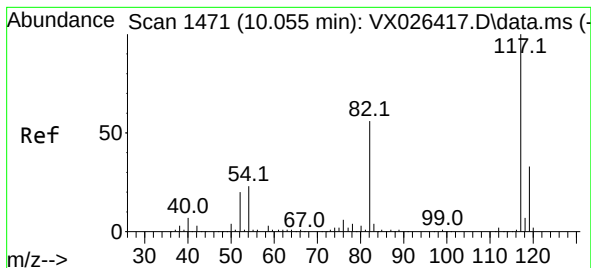
Ion Ratio Lower Upper

95 100

174 72.8 0.0 148.6

176 69.2 0.0 141.4

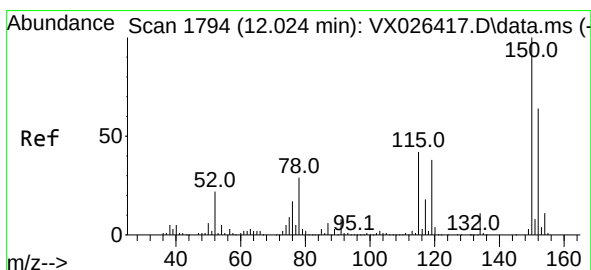
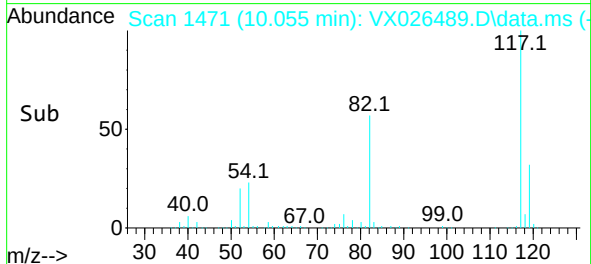
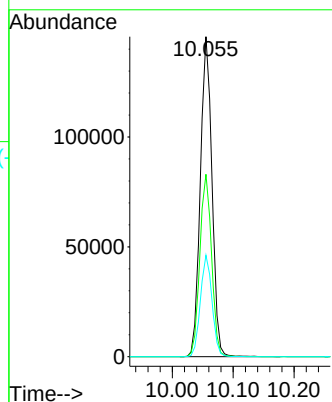
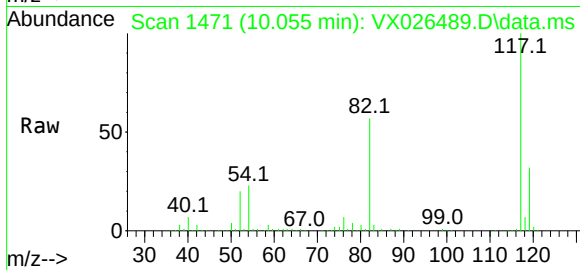




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026489.D
Acq: 17 Jan 2022 14:31

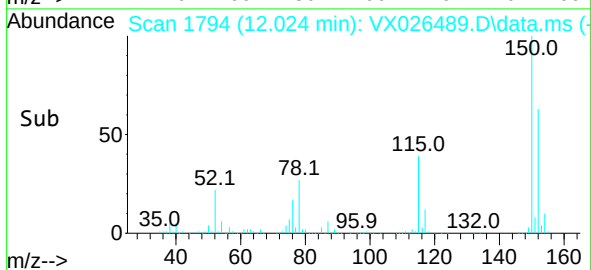
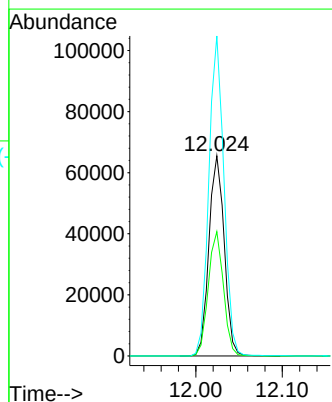
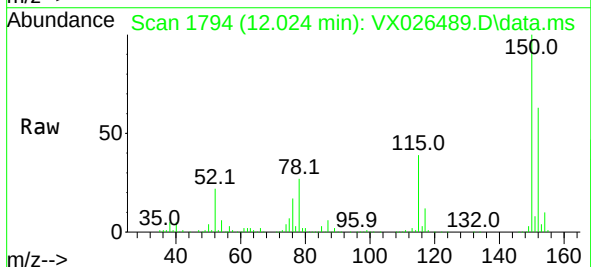
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

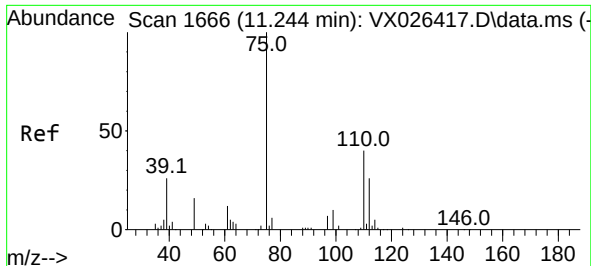
Tgt Ion:117 Resp: 192848
Ion Ratio Lower Upper
117 100
82 57.0 45.2 67.8
119 31.7 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026489.D
Acq: 17 Jan 2022 14:31

Tgt Ion:152 Resp: 80511
Ion Ratio Lower Upper
152 100
115 61.4 44.2 132.6
150 157.2 0.0 348.2

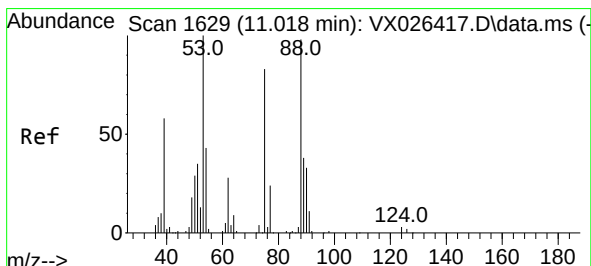
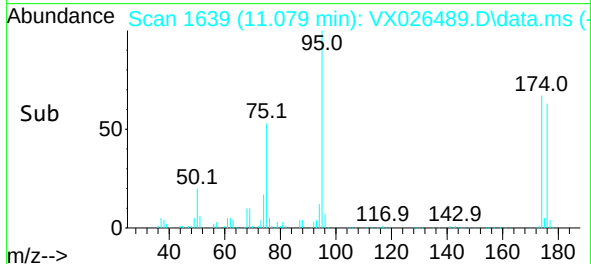
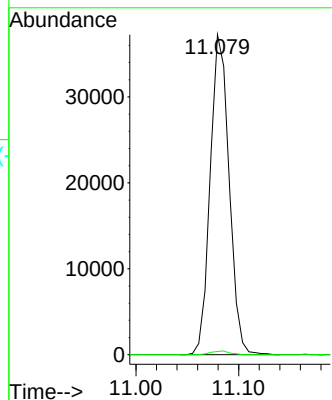
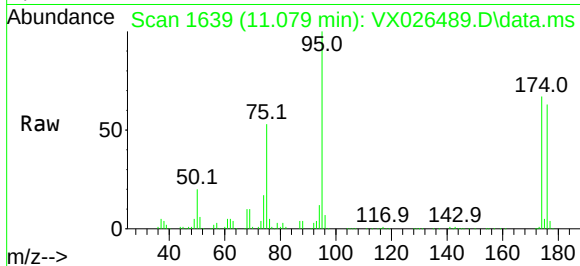




#76
1,2,3-Trichloropropane
Concen: 26.837 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX026489.D
Acq: 17 Jan 2022 14:31

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 75 Resp: 47574
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.210 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026489.D
Acq: 17 Jan 2022 14:31

Tgt Ion: 75 Resp: 47574
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

