

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123121\
 Data File : VX026185.D
 Acq On : 30 Dec 2021 22:36
 Operator : JC/MD
 Sample : VX1231WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 31 07:12:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

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

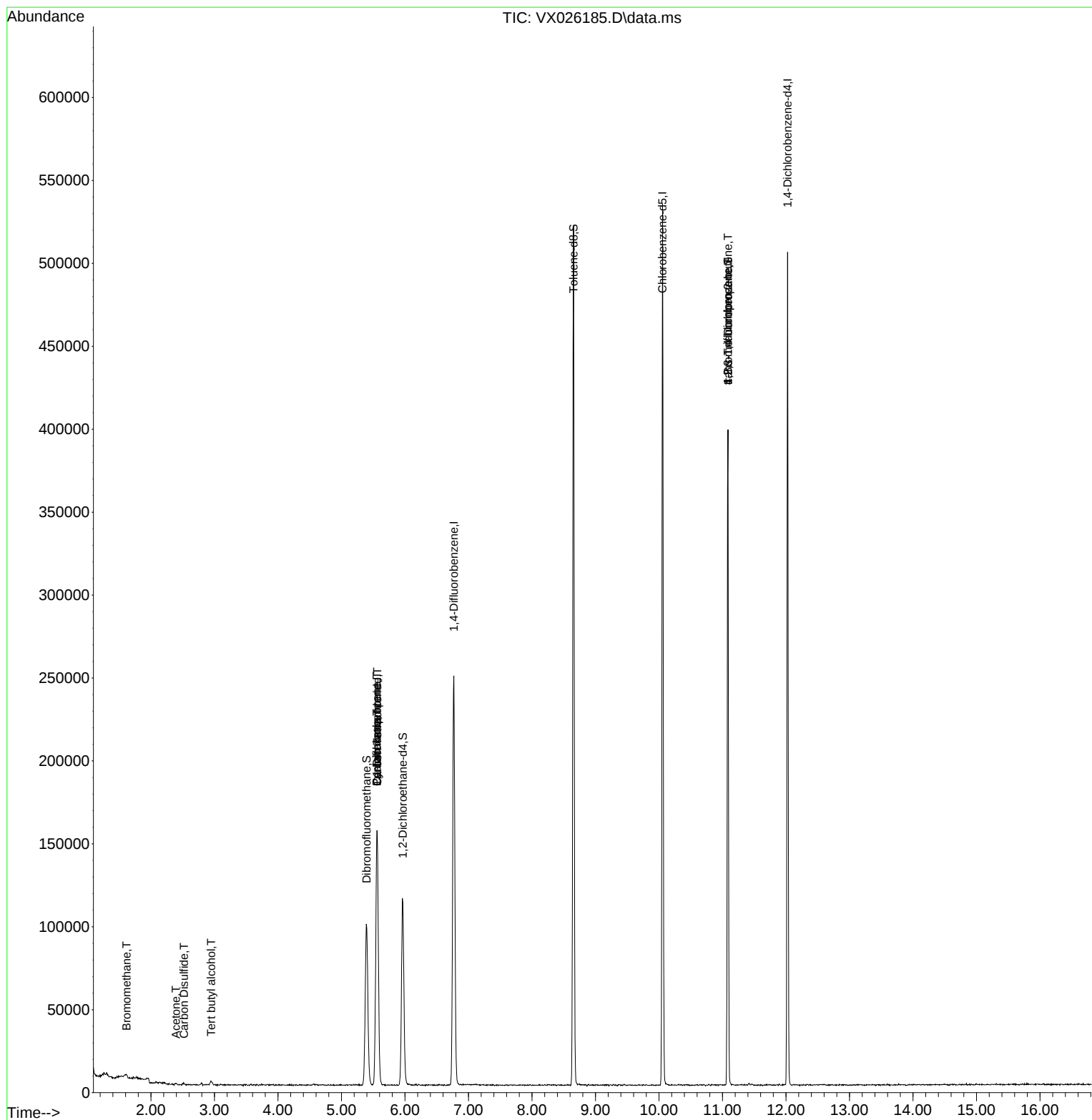
Internal Standards						
1) Pentafluorobenzene	5.556	168	137522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	238803	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	211233	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92949	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	105507	53.031	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.060%	
35) Dibromofluoromethane	5.397	113	81211	52.309	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.620%	
50) Toluene-d8	8.653	98	283260	49.051	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.100%	
62) 4-Bromofluorobenzene	11.085	95	97736	47.542	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.080%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	233	0.213	ug/l	85
11) Tert butyl alcohol	2.947	59	1458	3.669	ug/l #	73
16) Acetone	2.392	43	913	0.847	ug/l	90
17) Carbon Disulfide	2.520	76	1156	0.265	ug/l #	75
20) Methylene Chloride	2.794	84	495	Below Cal	#	93
31) Cyclohexane	5.556	56	3838	1.355	ug/l #	15
36) 1,1-Dichloropropene	5.556	75	12336	4.926	ug/l #	50
38) Carbon Tetrachloride	5.562	117	14972	5.375	ug/l #	15
76) 1,2,3-Trichloropropane	11.085	75	54471	24.279	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	54471	70.239	ug/l #	10

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

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MSVOA_X
ClientSampleId :

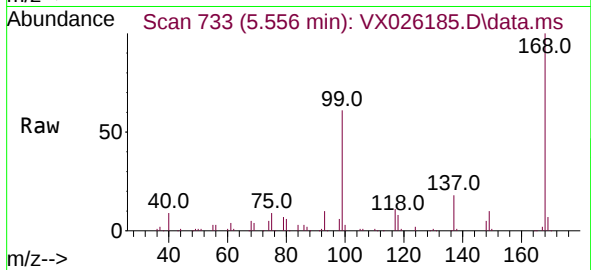
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
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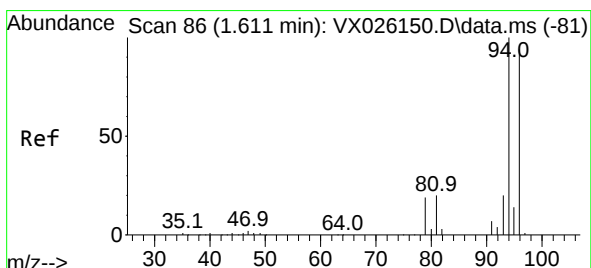
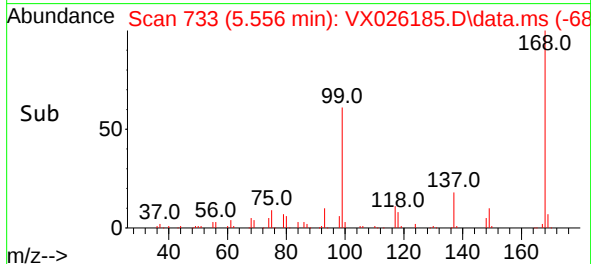
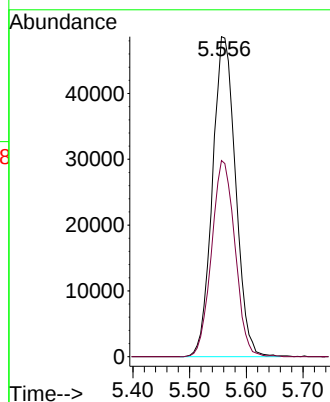


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026185.D
Acq: 30 Dec 2021 22:36

Instrument :
MSVOA_X
ClientSampleId :

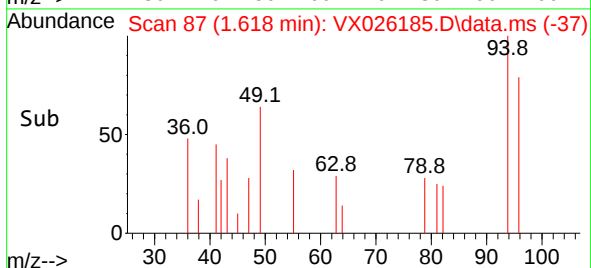
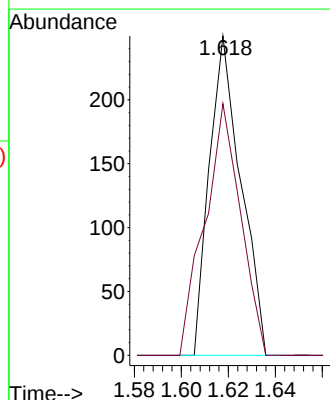
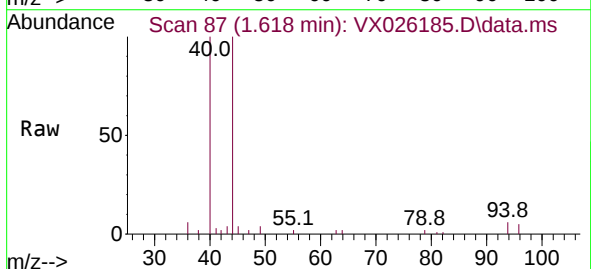


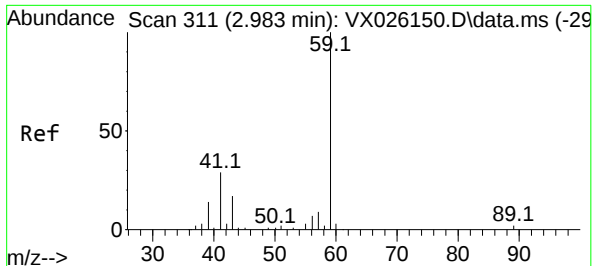
Tgt Ion:168 Resp: 137522
Ion Ratio Lower Upper
168 100
99 61.3 45.8 68.8



#5
Bromomethane
Concen: 0.213 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.007 min
Lab File: VX026185.D
Acq: 30 Dec 2021 22:36

Tgt Ion: 94 Resp: 233
Ion Ratio Lower Upper
94 100
96 78.8 75.0 112.4

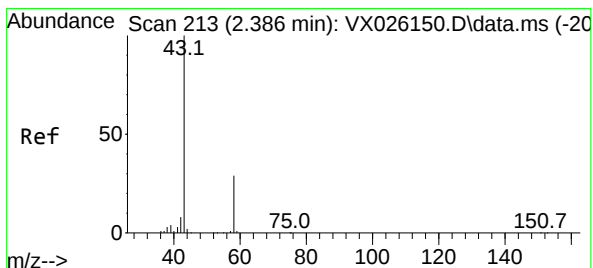
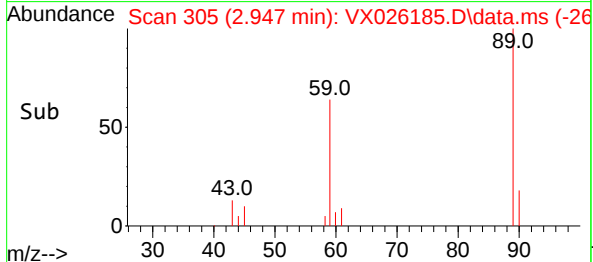
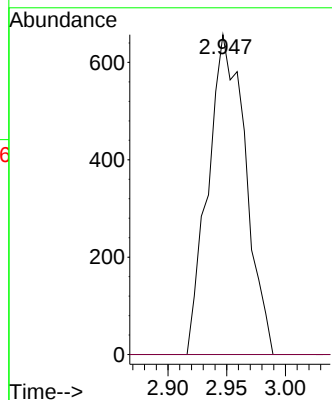
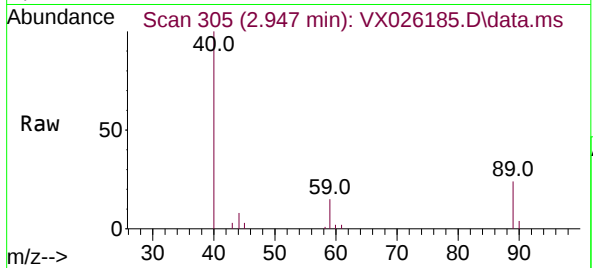




#11
Tert butyl alcohol
Concen: 3.669 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX026185.D
Acq: 30 Dec 2021 22:36

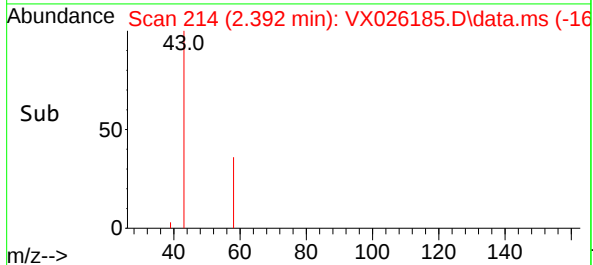
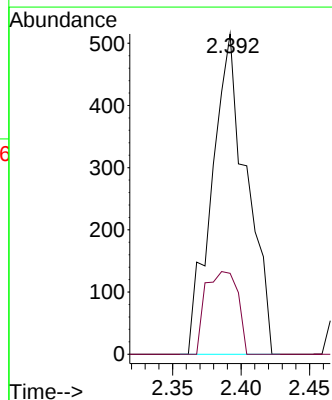
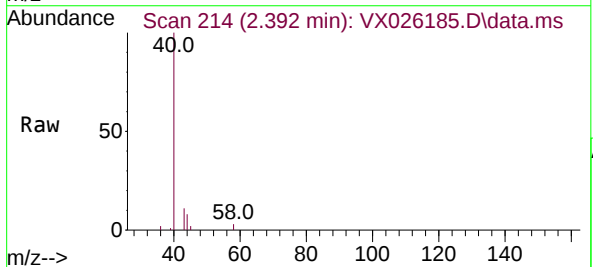
Instrument :
MSVOA_X
ClientSampleId :

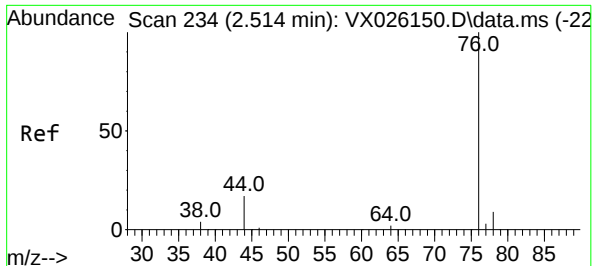
Tgt Ion: 59 Resp: 1458
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: 0.847 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX026185.D
Acq: 30 Dec 2021 22:36

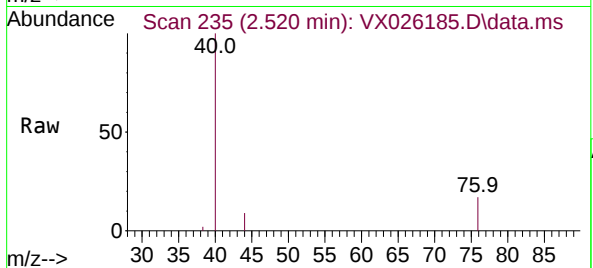
Tgt Ion: 43 Resp: 913
Ion Ratio Lower Upper
43 100
58 25.2 24.8 37.2



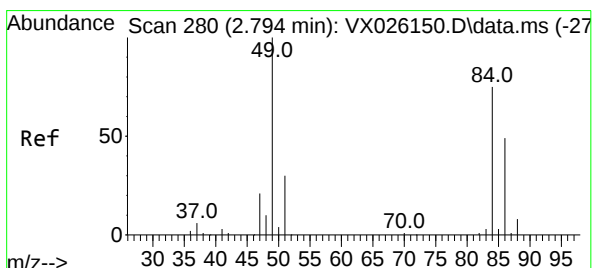
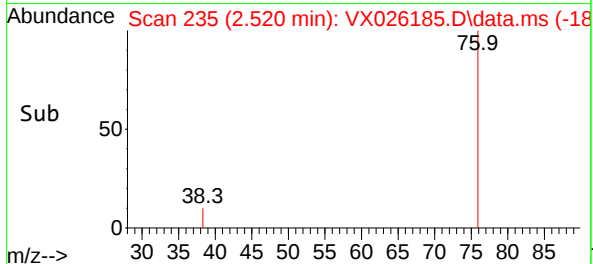
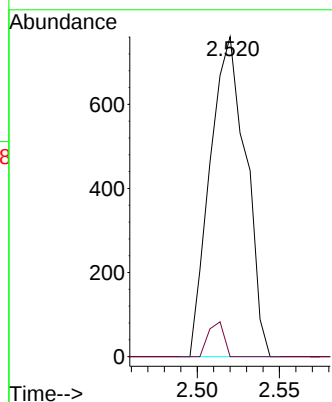


#17
Carbon Disulfide
Concen: 0.265 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX026185.D
Acq: 30 Dec 2021 22:36

Instrument :
MSVOA_X
ClientSampleId :

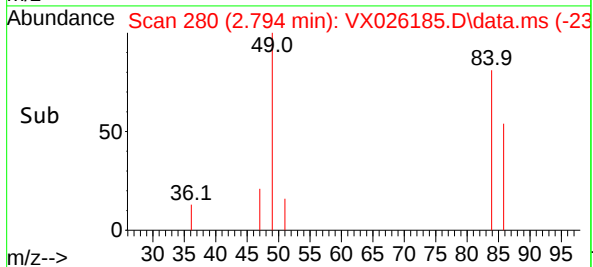
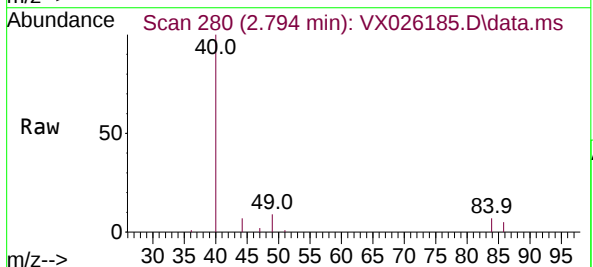
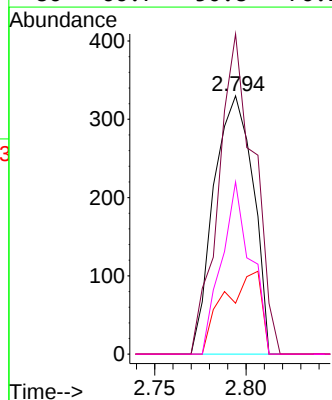


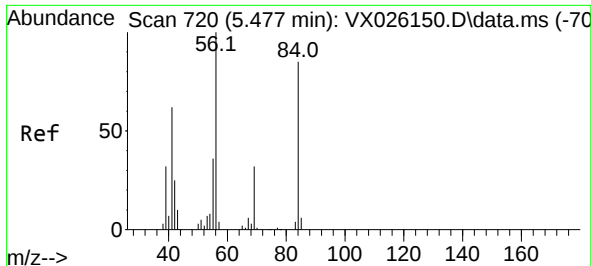
Tgt Ion: 76 Resp: 1156
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX026185.D
Acq: 30 Dec 2021 22:36

Tgt Ion: 84 Resp: 495
Ion Ratio Lower Upper
84 100
49 123.9 97.1 145.7
51 19.7 29.3 43.9#
86 66.7 50.8 76.2

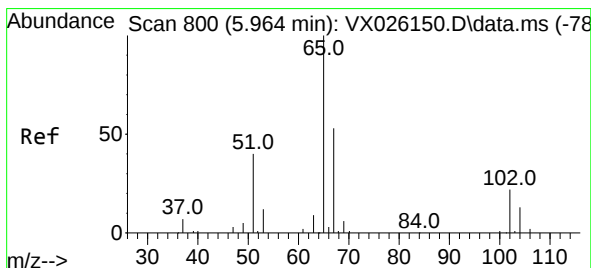
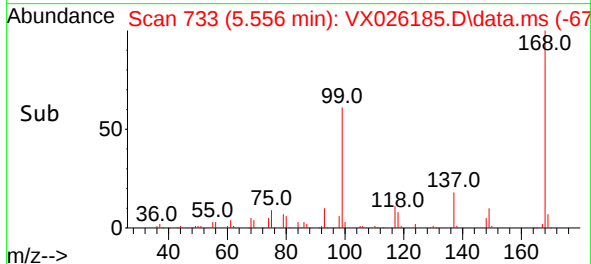
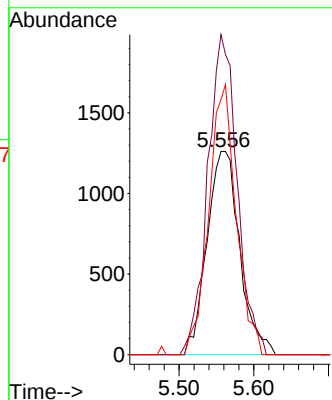
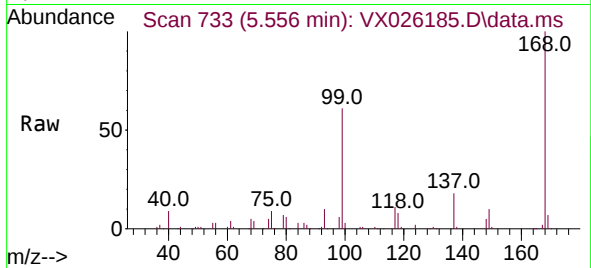




#31
Cyclohexane
Concen: 1.355 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.079 min
Lab File: VX026185.D
Acq: 30 Dec 2021 22:36

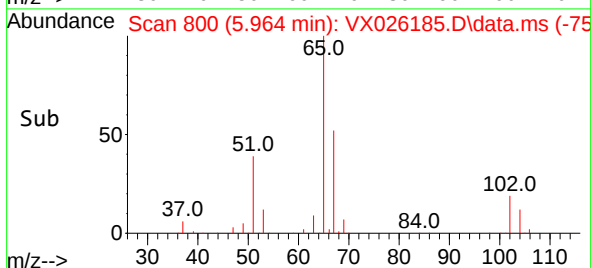
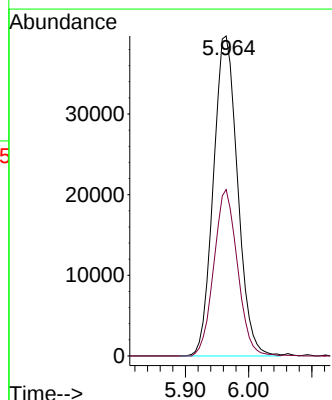
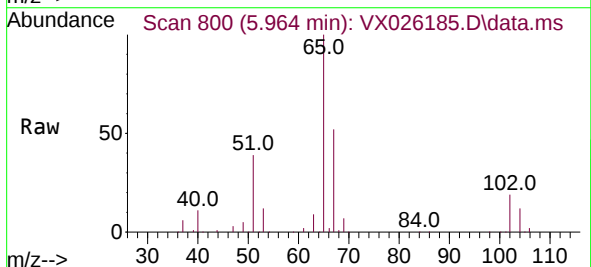
Instrument :
MSVOA_X
ClientSampleId :

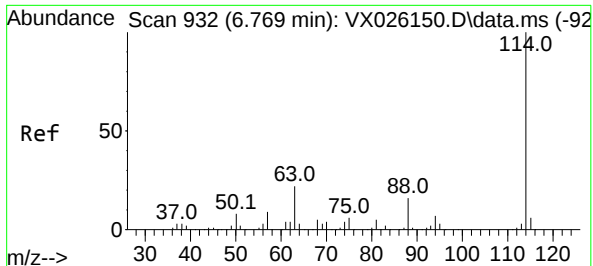
Tgt Ion: 56 Resp: 3838
Ion Ratio Lower Upper
56 100
69 157.4 23.9 35.9#
84 125.5 73.2 109.8#



#33
1,2-Dichloroethane-d4
Concen: 53.031 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX026185.D
Acq: 30 Dec 2021 22:36

Tgt Ion: 65 Resp: 105507
Ion Ratio Lower Upper
65 100
67 50.7 0.0 103.4

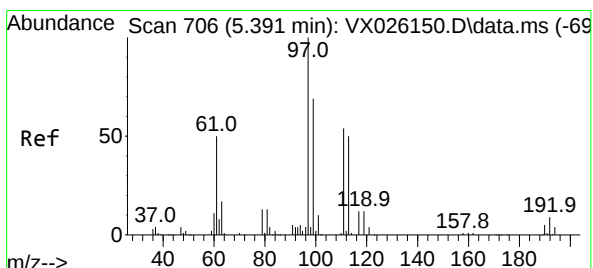
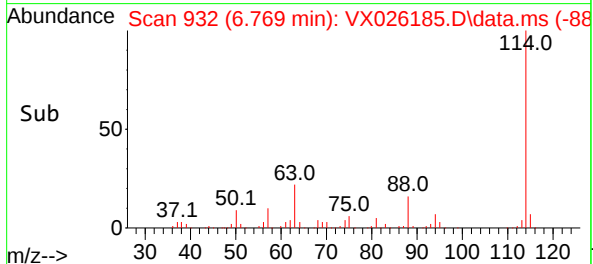
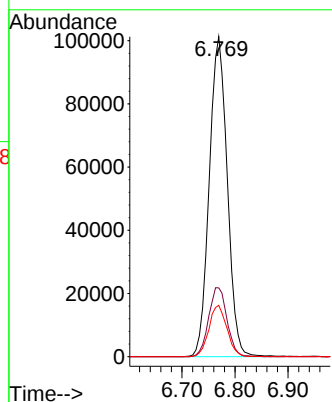
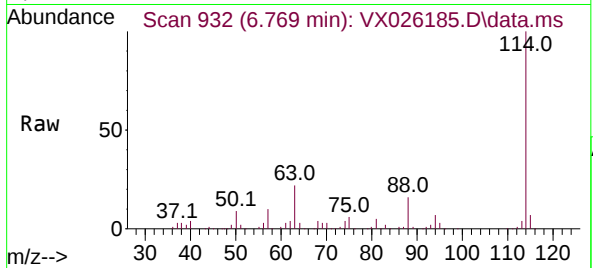




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX026185.D
Acq: 30 Dec 2021 22:36

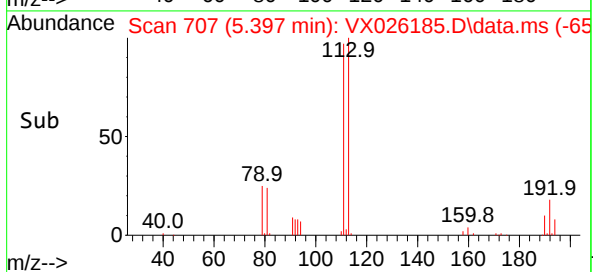
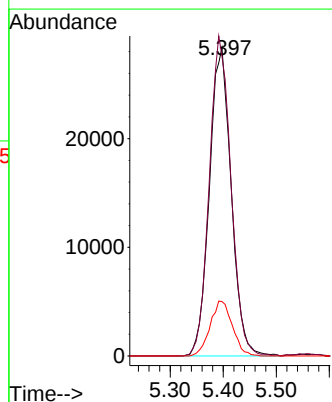
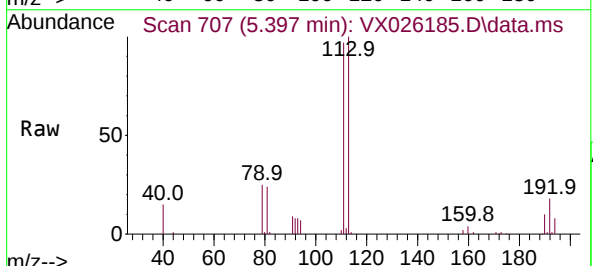
Instrument :
MSVOA_X
ClientSampleId :

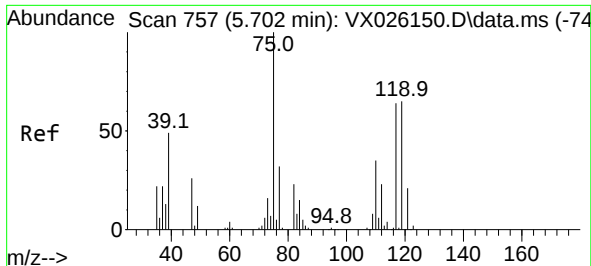
Tgt Ion:114 Resp: 238803
Ion Ratio Lower Upper
114 100
63 21.5 0.0 40.0
88 16.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 52.309 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX026185.D
Acq: 30 Dec 2021 22:36

Tgt Ion:113 Resp: 81211
Ion Ratio Lower Upper
113 100
111 102.9 81.8 122.8
192 18.1 15.0 22.4





#36

1,1-Dichloropropene

Concen: 4.926 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.146 min

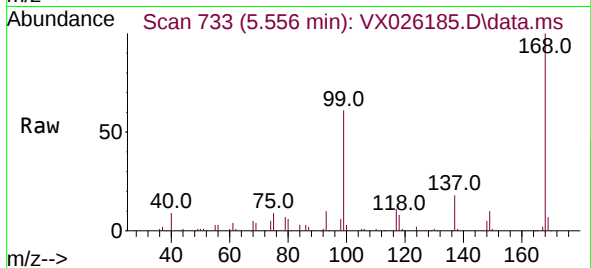
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Instrument :

MSVOA_X

ClientSampleId :



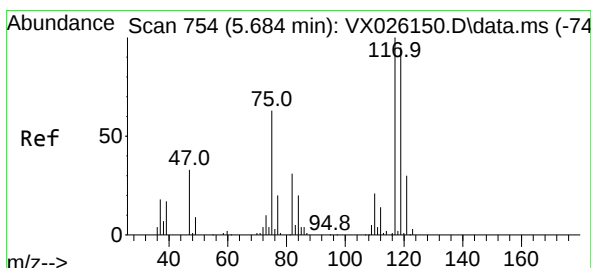
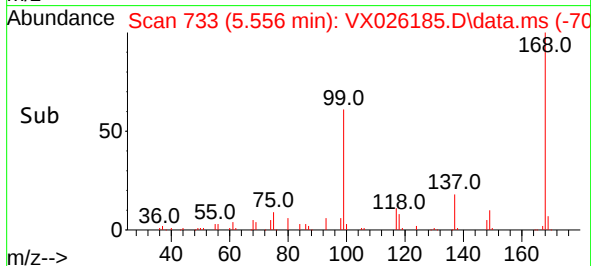
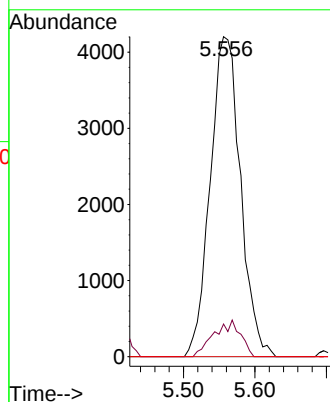
Tgt Ion: 75 Resp: 12336

Ion Ratio Lower Upper

75 100

110 10.1 18.2 54.6#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.375 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.122 min

Lab File: VX026185.D

Acq: 30 Dec 2021 22:36

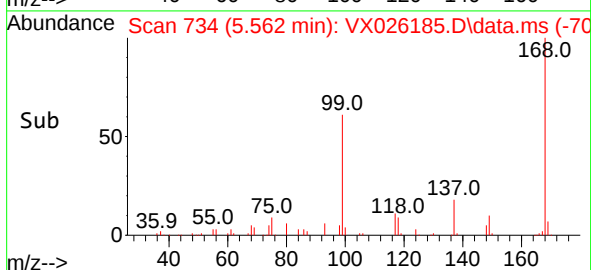
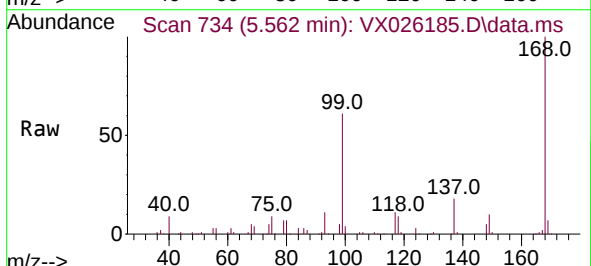
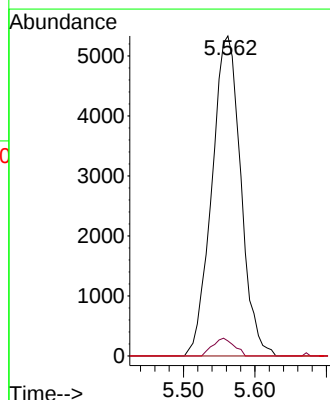
Tgt Ion: 117 Resp: 14972

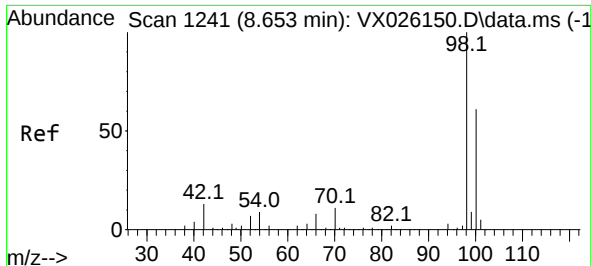
Ion Ratio Lower Upper

117 100

119 4.7 77.2 115.8#

121 0.0 23.8 35.8#

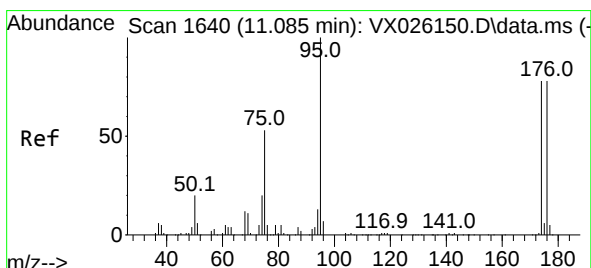
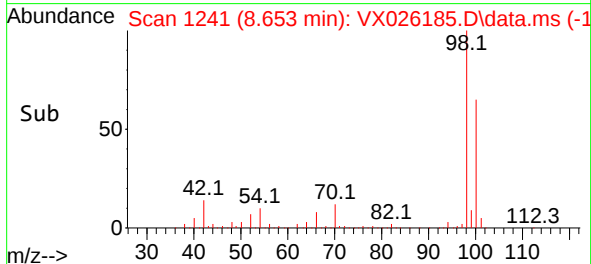
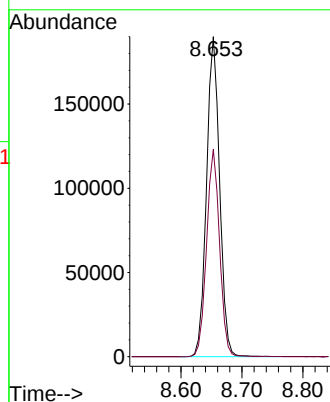
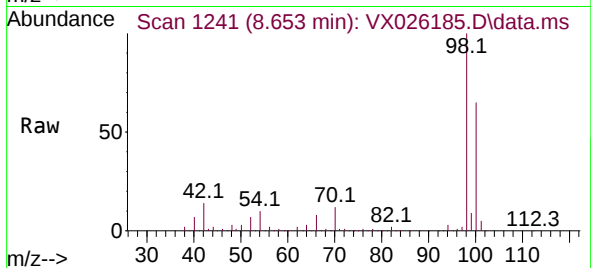




#50
Toluene-d8
Concen: 49.051 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026185.D
Acq: 30 Dec 2021 22:36

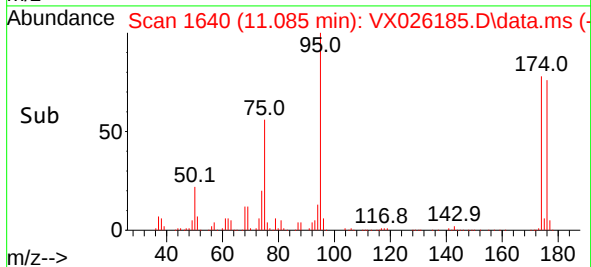
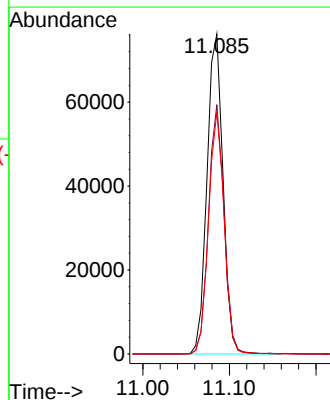
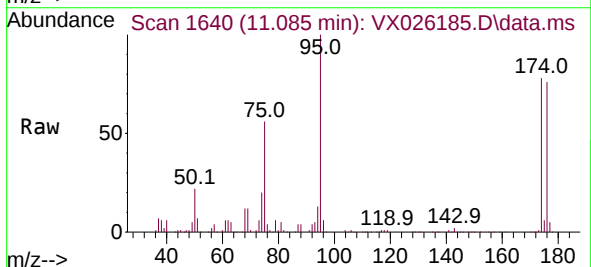
Instrument :
MSVOA_X
ClientSampleId :

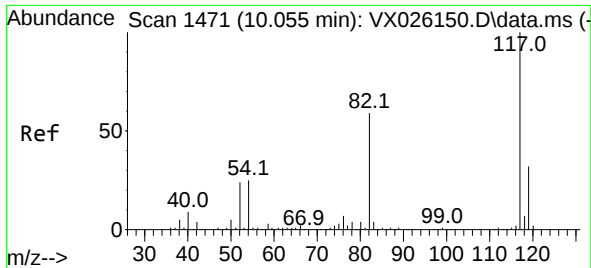
Tgt Ion: 98 Resp: 283260
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 47.542 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX026185.D
Acq: 30 Dec 2021 22:36

Tgt Ion: 95 Resp: 97736
Ion Ratio Lower Upper
95 100
174 75.9 0.0 157.4
176 73.5 0.0 154.6

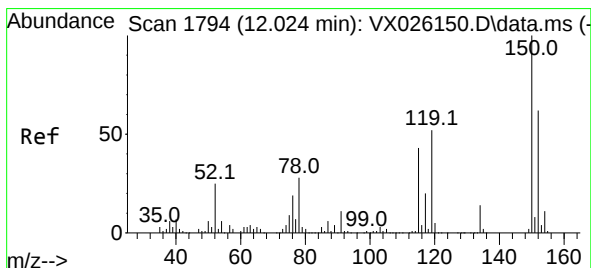
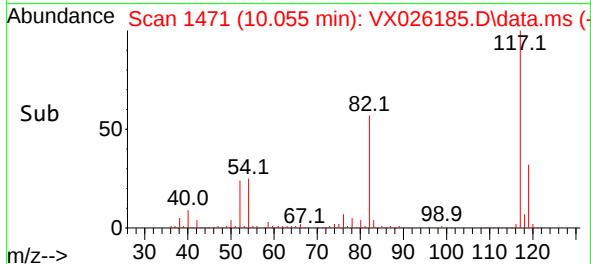
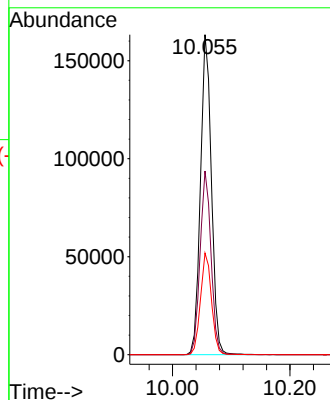
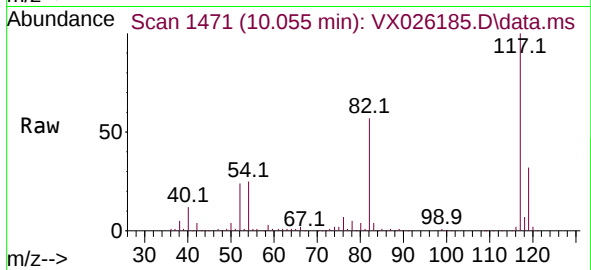




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026185.D
Acq: 30 Dec 2021 22:36

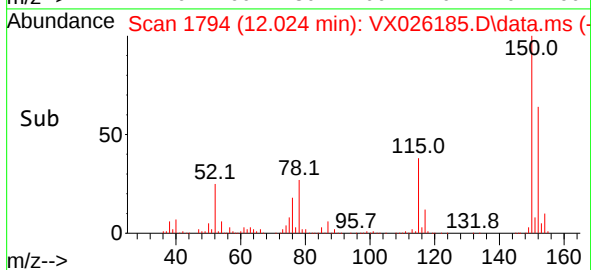
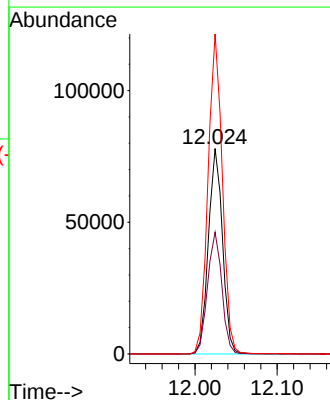
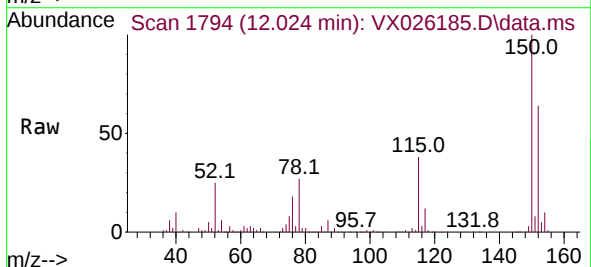
Instrument :
MSVOA_X
ClientSampleId :

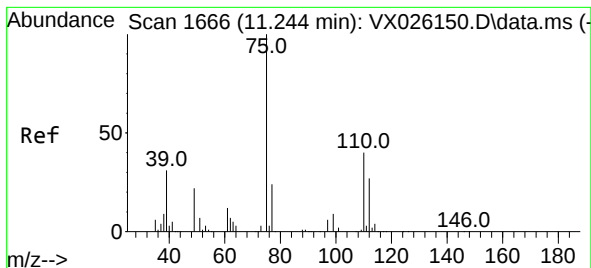
Tgt Ion:117 Resp: 211233
Ion Ratio Lower Upper
117 100
82 57.4 43.8 65.6
119 31.7 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026185.D
Acq: 30 Dec 2021 22:36

Tgt Ion:152 Resp: 92949
Ion Ratio Lower Upper
152 100
115 60.0 41.3 123.9
150 157.4 0.0 351.8





#76

1,2,3-Trichloropropane

Concen: 24.279 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.159 min

Lab File: VX026185.D

Acq: 30 Dec 2021 22:36

Instrument :

MSVOA_X

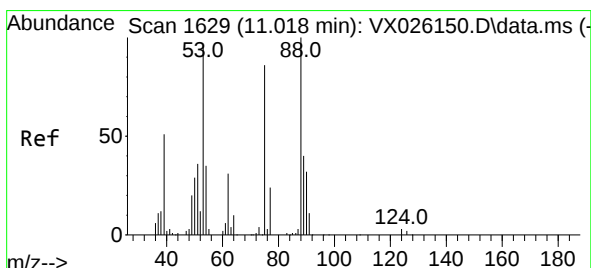
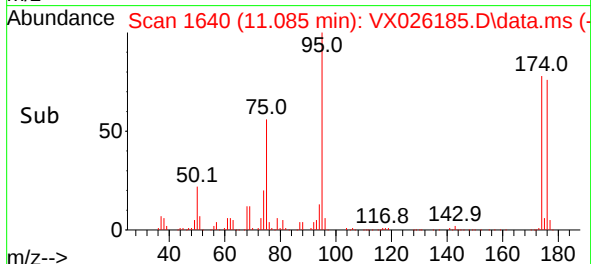
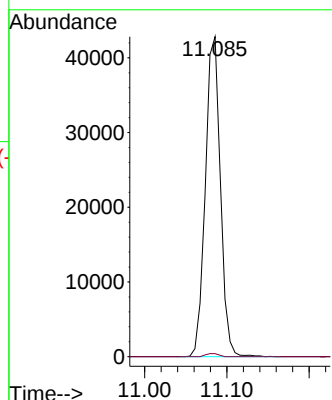
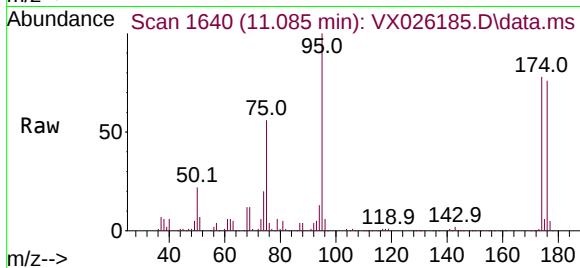
ClientSampleId :

Tgt Ion: 75 Resp: 54471

Ion Ratio Lower Upper

75 100

77 0.8 19.0 57.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 70.239 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.067 min

Lab File: VX026185.D

Acq: 30 Dec 2021 22:36

Tgt Ion: 75 Resp: 54471

Ion Ratio Lower Upper

75 100

53 0.0 79.5 119.3#

89 0.0 38.3 57.5#

