

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123121\
 Data File : VX026158.D
 Acq On : 30 Dec 2021 11:05
 Operator : JC/MD
 Sample : VX1231WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 31 01:08:23 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)

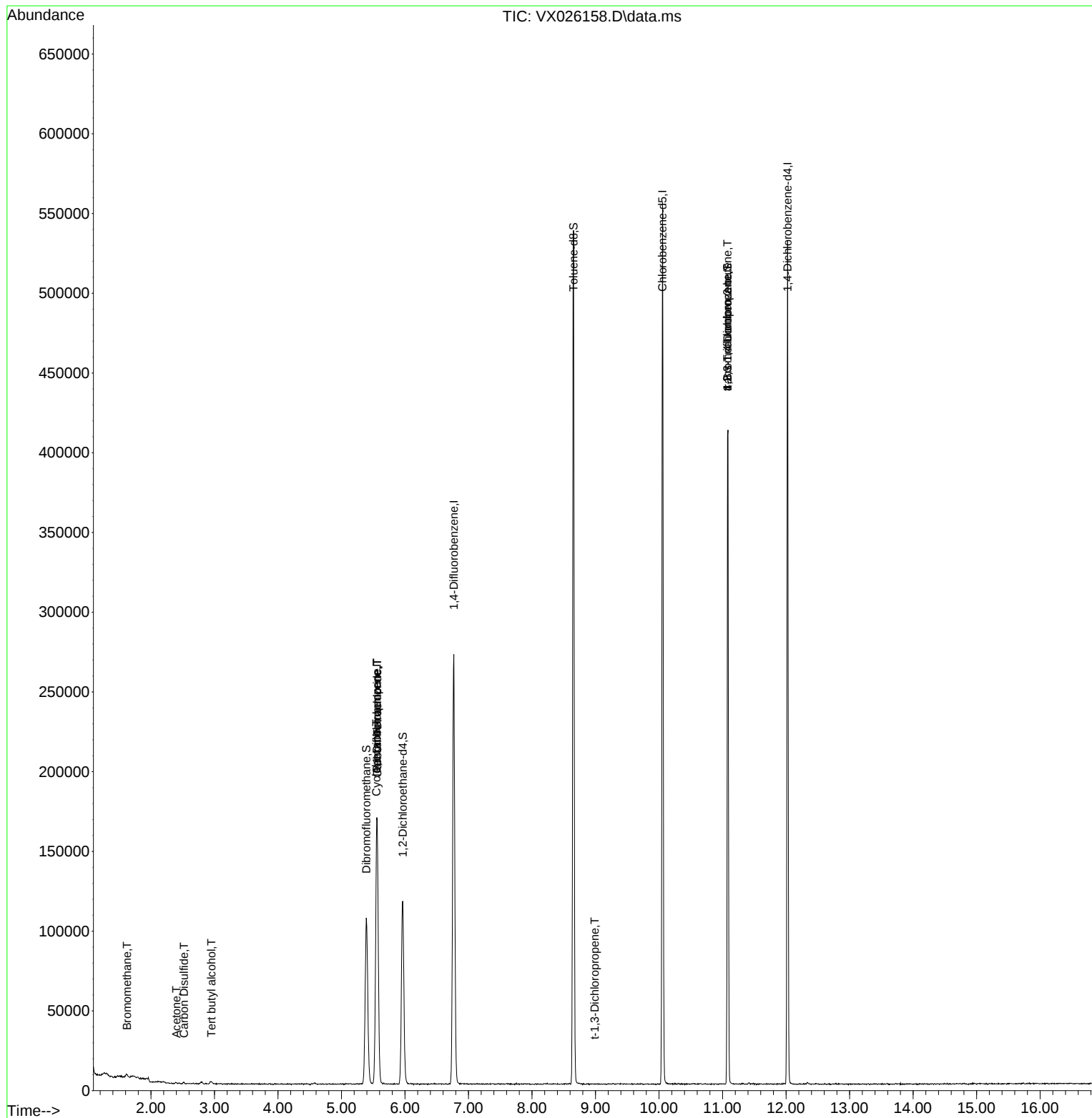
Internal Standards						
1) Pentafluorobenzene	5.556	168	152522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	258175	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	228614	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99057	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	110274	49.976	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.960%
35) Dibromofluoromethane	5.391	113	86538	51.557	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.120%
50) Toluene-d8	8.653	98	303605	48.629	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.260%
62) 4-Bromofluorobenzene	11.079	95	105073	47.276	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.560%
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	301	0.249	ug/l #	52
11) Tert butyl alcohol	2.953	59	1053	2.389	ug/l #	73
16) Acetone	2.398	43	928	0.776	ug/l #	72
17) Carbon Disulfide	2.520	76	971	0.200	ug/l #	93
20) Methylene Chloride	2.800	84	501	Below Cal	#	70
31) Cyclohexane	5.550	56	3928	1.250	ug/l #	40
36) 1,1-Dichloropropene	5.556	75	12528	4.628	ug/l #	49
38) Carbon Tetrachloride	5.562	117	16186	5.375	ug/l #	16
53) t-1,3-Dichloropropene	8.988	75	25	1.901	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	58820	24.601	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	58820	71.170	ug/l #	10

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

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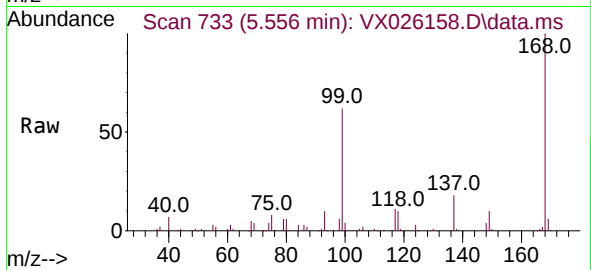
Quant Time: Dec 31 01:08:23 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
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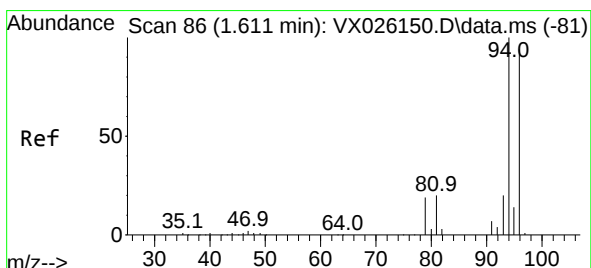
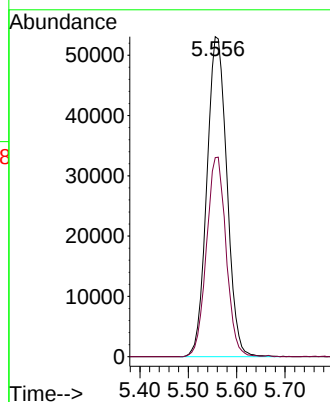
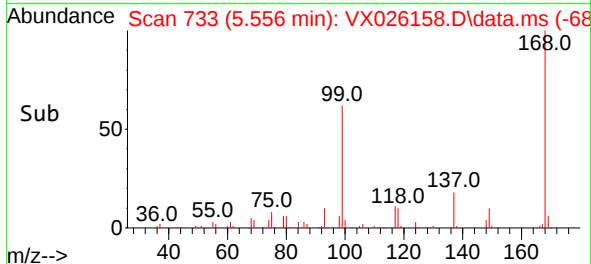


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026158.D
Acq: 30 Dec 2021 11:05

Instrument :
MSVOA_X
ClientSampleId :

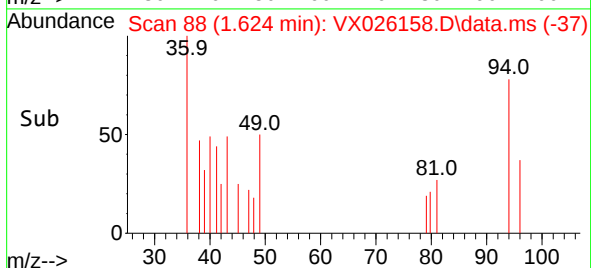
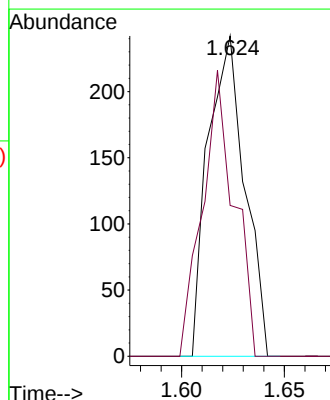
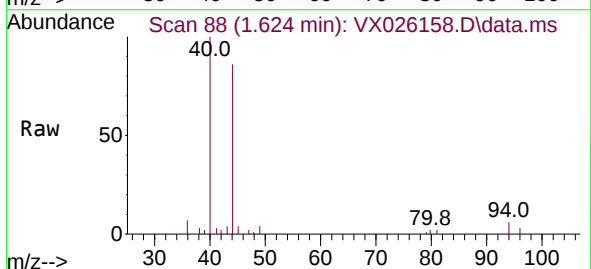


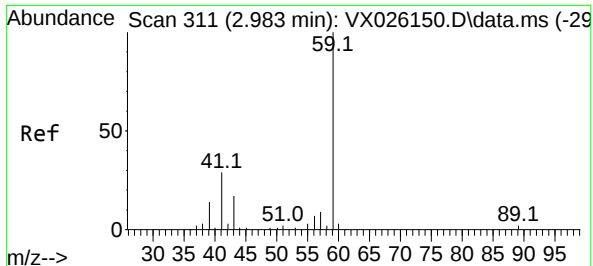
Tgt Ion:168 Resp: 152522
Ion Ratio Lower Upper
168 100
99 62.2 45.8 68.8



#5
Bromomethane
Concen: 0.249 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.013 min
Lab File: VX026158.D
Acq: 30 Dec 2021 11:05

Tgt Ion: 94 Resp: 301
Ion Ratio Lower Upper
94 100
96 47.1 75.0 112.4#





#11

Tert butyl alcohol

Concen: 2.389 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.030 min

Lab File: VX026158.D

Acq: 30 Dec 2021 11:05

Instrument :

MSVOA_X

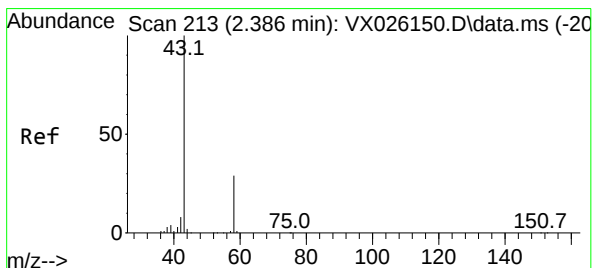
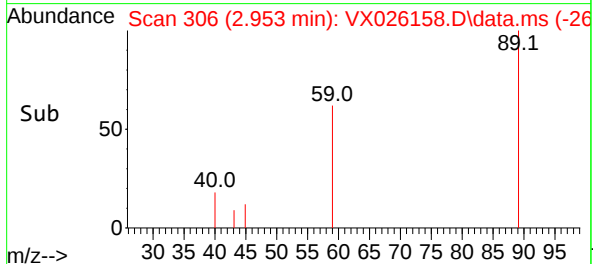
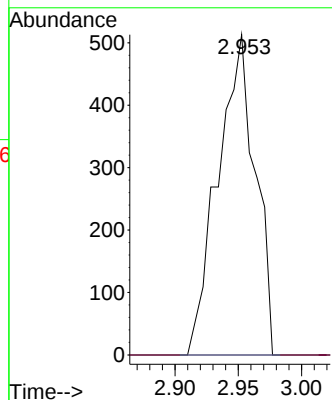
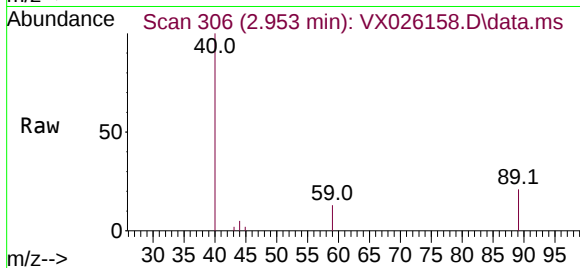
ClientSampleId :

Tgt Ion: 59 Resp: 1053

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#16

Acetone

Concen: 0.776 ug/l

RT: 2.398 min Scan# 215

Delta R.T. 0.012 min

Lab File: VX026158.D

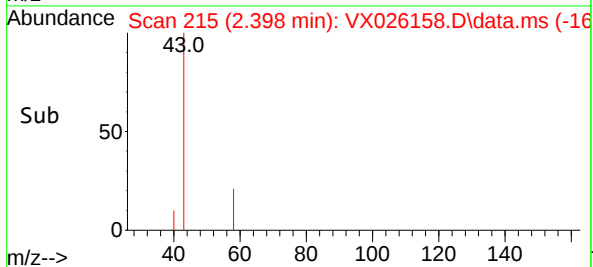
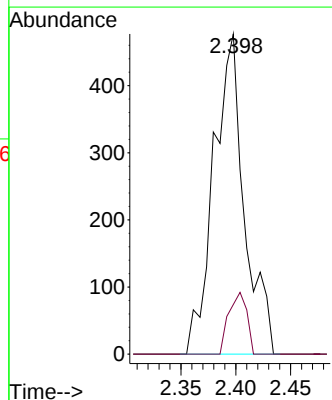
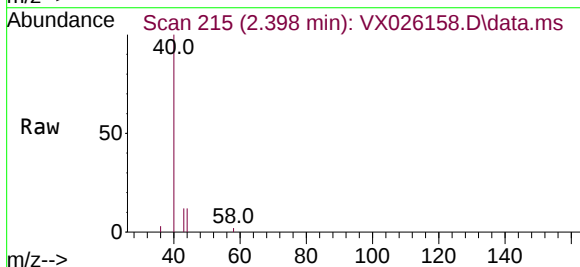
Acq: 30 Dec 2021 11:05

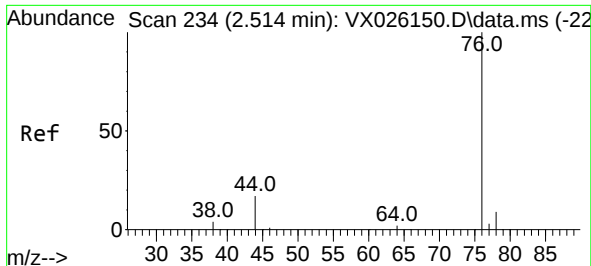
Tgt Ion: 43 Resp: 928

Ion Ratio Lower Upper

43 100

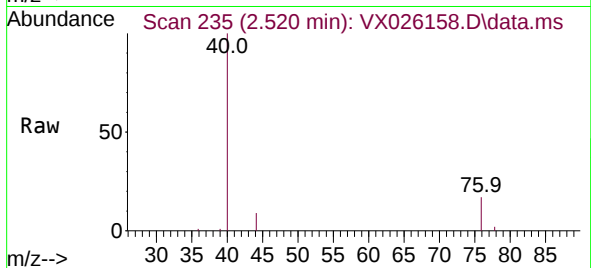
58 15.5 24.8 37.2#



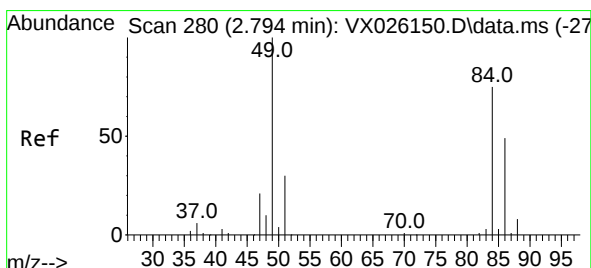
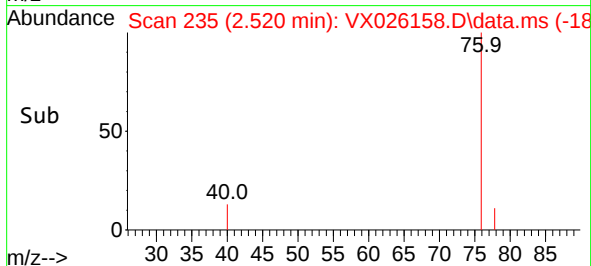
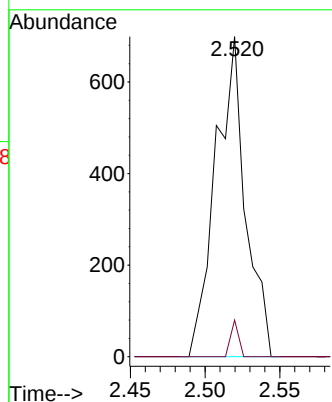


#17
Carbon Disulfide
Concen: 0.200 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX026158.D
Acq: 30 Dec 2021 11:05

Instrument :
MSVOA_X
ClientSampleId :

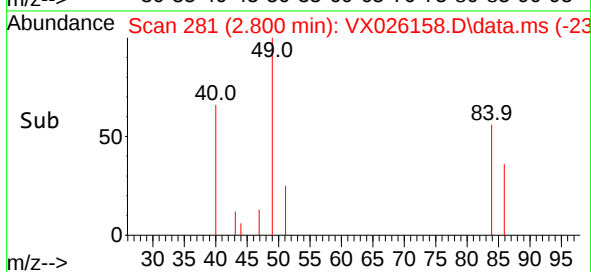
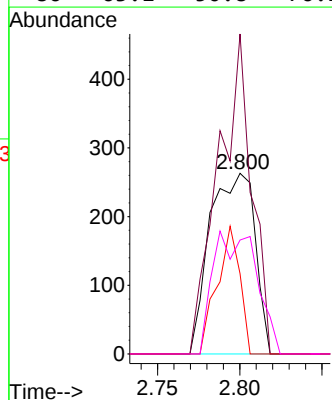
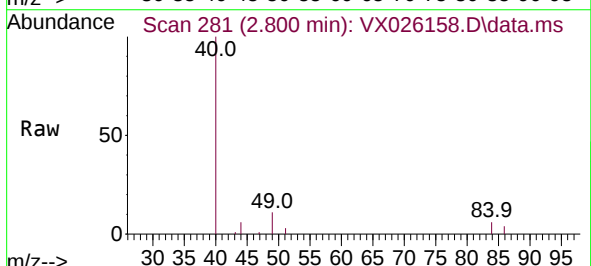


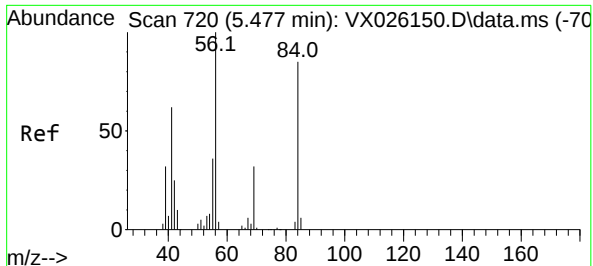
Tgt Ion: 76 Resp: 971
Ion Ratio Lower Upper
76 100
78 11.4 7.2 10.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX026158.D
Acq: 30 Dec 2021 11:05

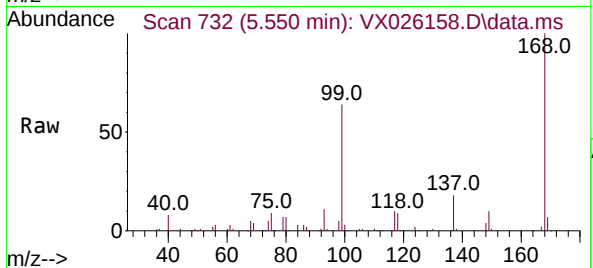
Tgt Ion: 84 Resp: 501
Ion Ratio Lower Upper
84 100
49 177.2 97.1 145.7#
51 44.5 29.3 43.9#
86 63.1 50.8 76.2



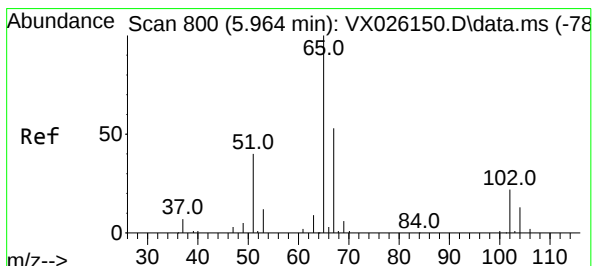
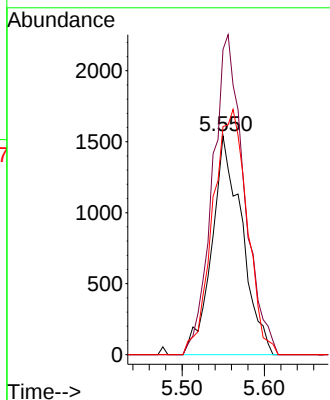
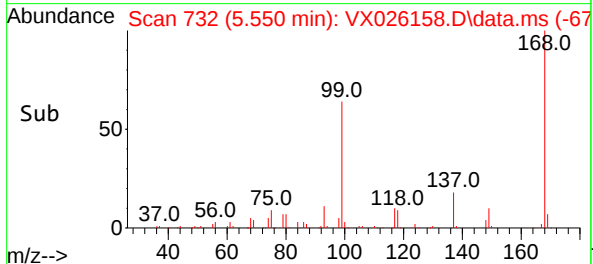


#31
Cyclohexane
Concen: 1.250 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.073 min
Lab File: VX026158.D
Acq: 30 Dec 2021 11:05

Instrument :
MSVOA_X
ClientSampleId :

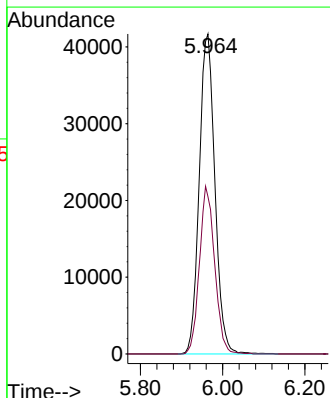
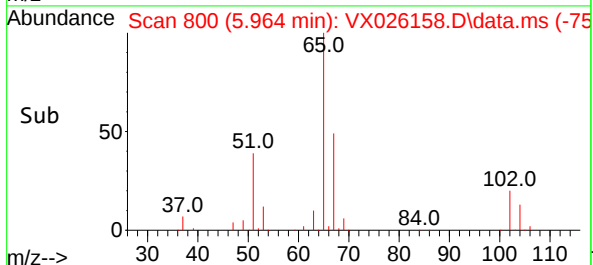
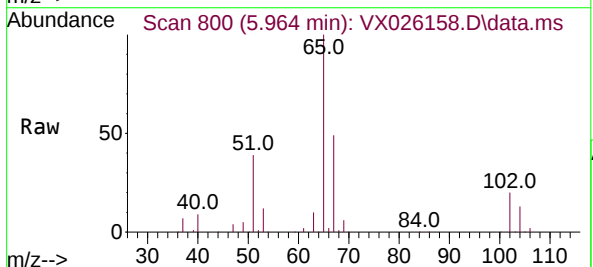


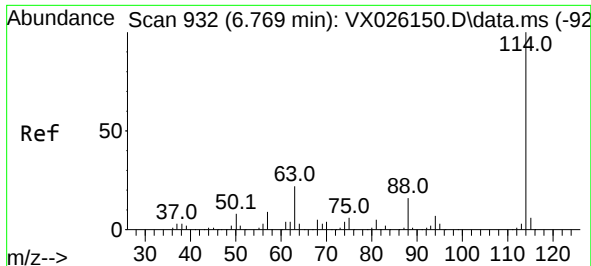
Tgt Ion: 56 Resp: 3928
Ion Ratio Lower Upper
56 100
69 139.4 23.9 35.9#
84 104.2 73.2 109.8



#33
1,2-Dichloroethane-d4
Concen: 49.976 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX026158.D
Acq: 30 Dec 2021 11:05

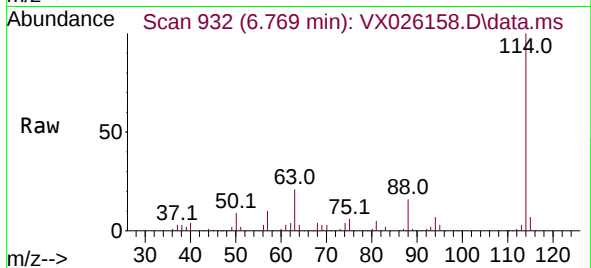
Tgt Ion: 65 Resp: 110274
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.4



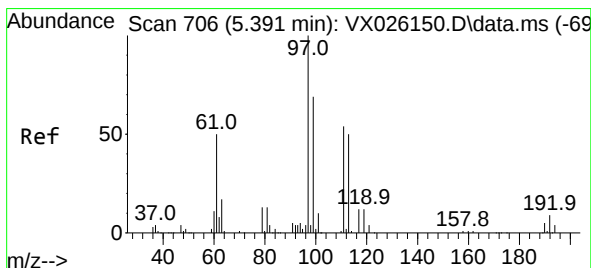
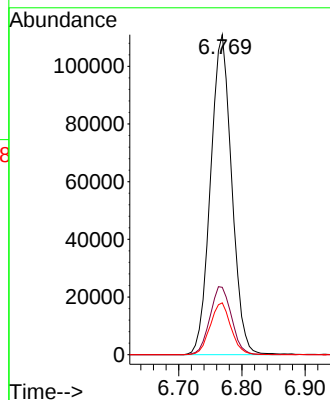
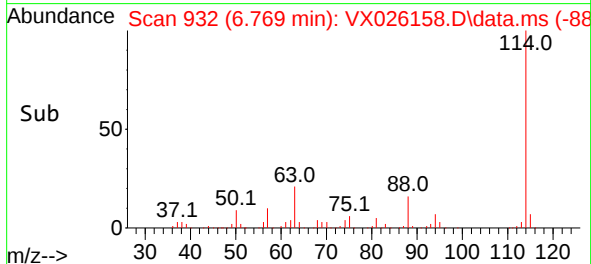


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX026158.D
Acq: 30 Dec 2021 11:05

Instrument :
MSVOA_X
ClientSampleId :

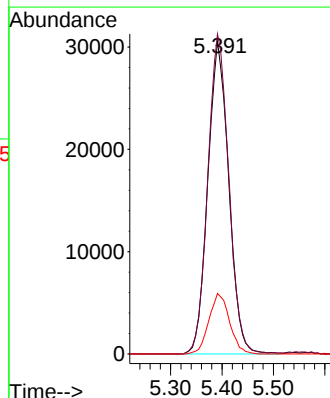
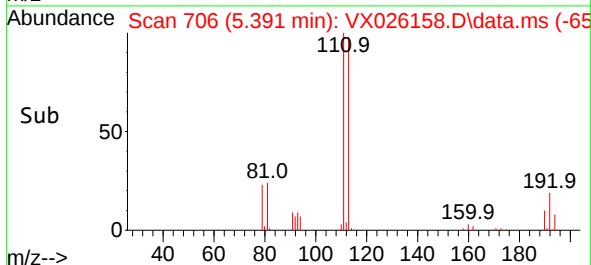
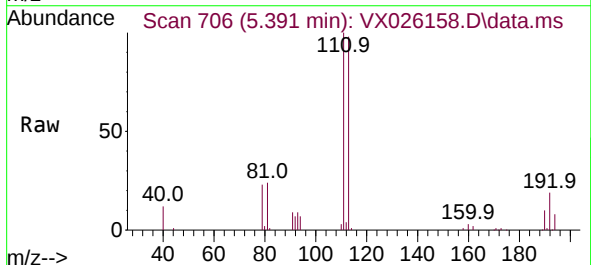


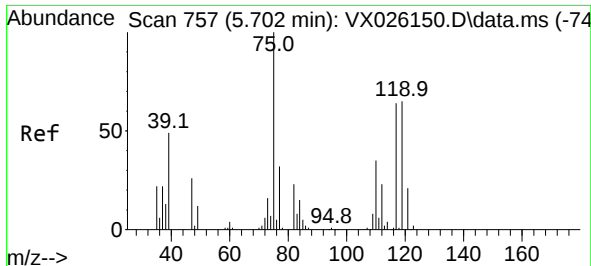
Tgt Ion:114 Resp: 258175
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.0
88 16.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 51.557 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026158.D
Acq: 30 Dec 2021 11:05

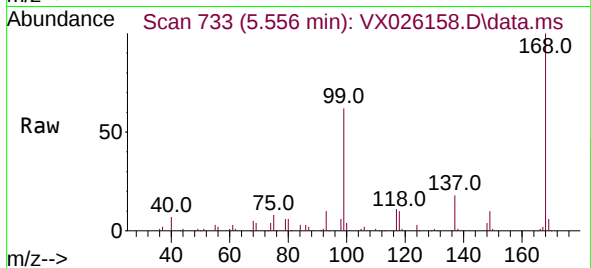
Tgt Ion:113 Resp: 86538
Ion Ratio Lower Upper
113 100
111 102.4 81.8 122.8
192 19.0 15.0 22.4



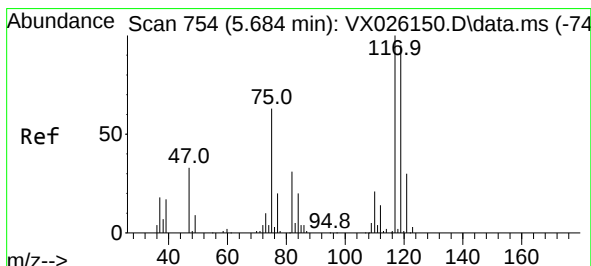
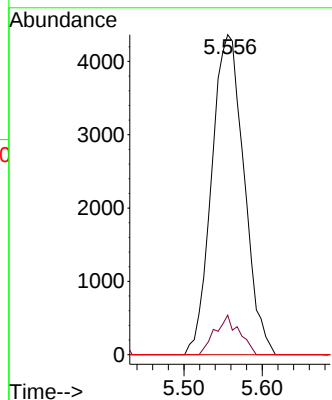
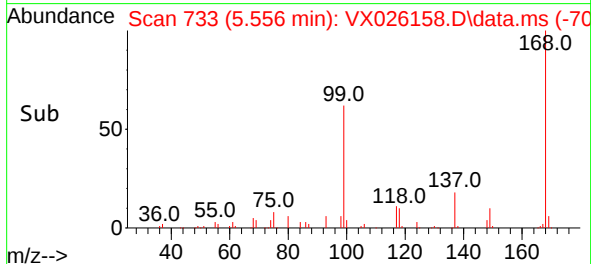


#36
1,1-Dichloropropene
Concen: 4.628 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX026158.D
Acq: 30 Dec 2021 11:05

Instrument :
MSVOA_X
ClientSampleId :

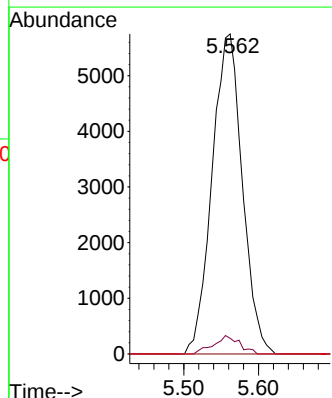
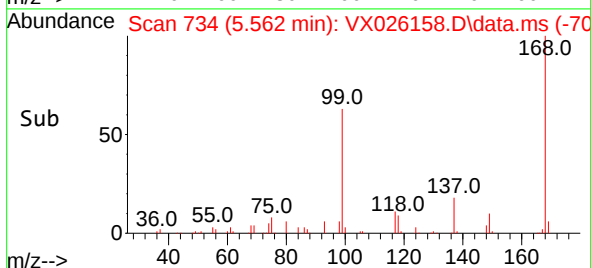
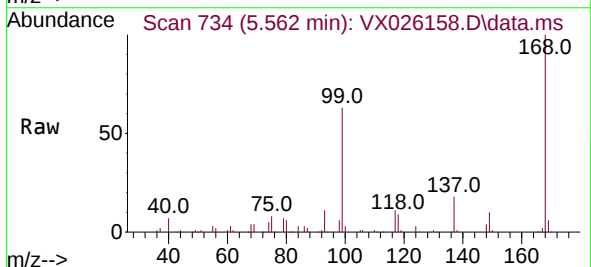


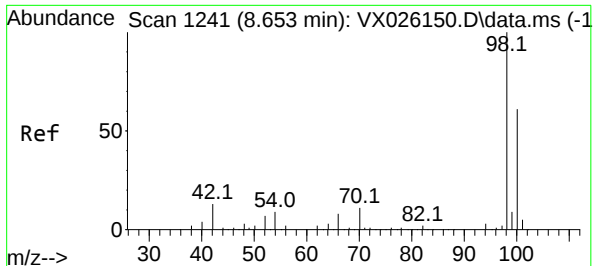
Tgt Ion: 75 Resp: 12528
Ion Ratio Lower Upper
75 100
110 9.2 18.2 54.6#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.375 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX026158.D
Acq: 30 Dec 2021 11:05

Tgt Ion: 117 Resp: 16186
Ion Ratio Lower Upper
117 100
119 4.9 77.2 115.8#
121 0.0 23.8 35.8#

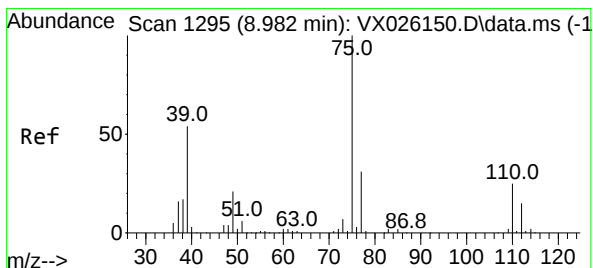
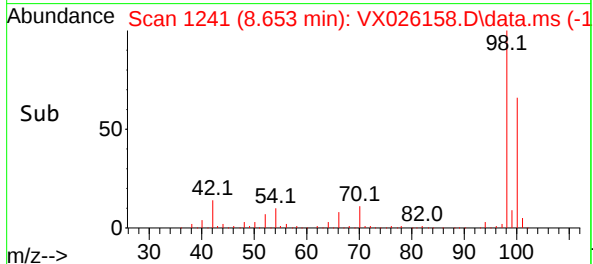
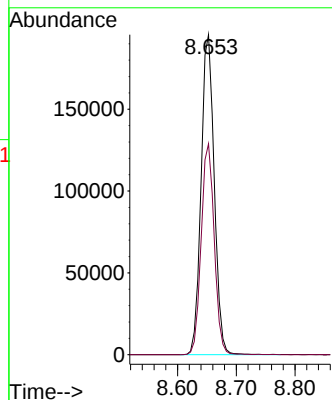
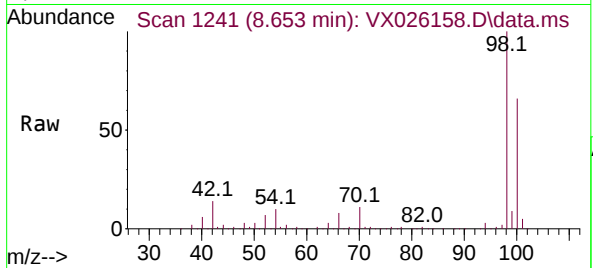




#50
Toluene-d8
Concen: 48.629 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026158.D
Acq: 30 Dec 2021 11:05

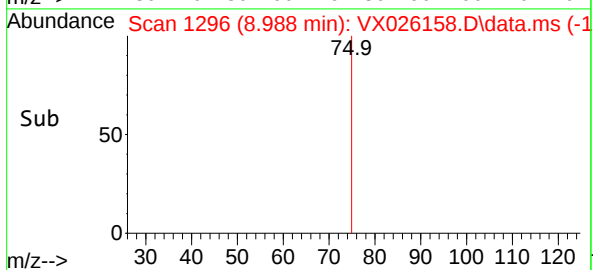
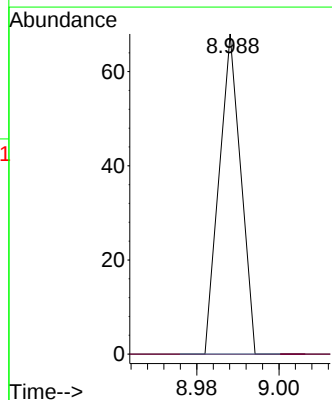
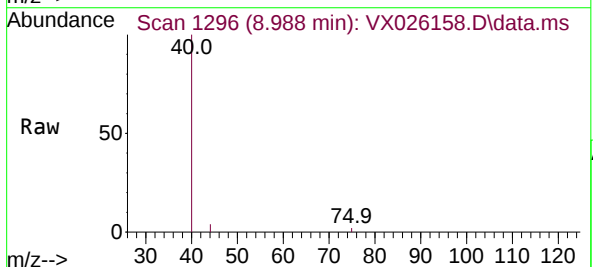
Instrument :
MSVOA_X
ClientSampleId :

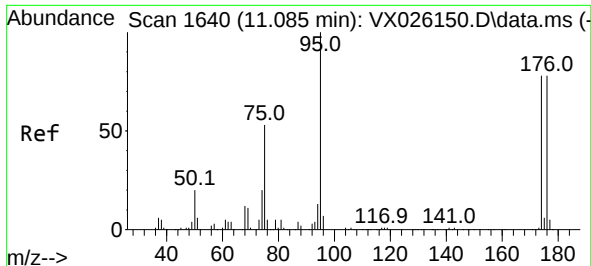
Tgt Ion: 98 Resp: 303605
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8



#53
t-1,3-Dichloropropene
Concen: 1.901 ug/l
RT: 8.988 min Scan# 1296
Delta R.T. 0.006 min
Lab File: VX026158.D
Acq: 30 Dec 2021 11:05

Tgt Ion: 75 Resp: 25
Ion Ratio Lower Upper
75 100
77 0.0 25.1 37.7#





#62

4-Bromofluorobenzene

Concen: 47.276 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX026158.D

Acq: 30 Dec 2021 11:05

Instrument :

MSVOA_X

ClientSampleId :

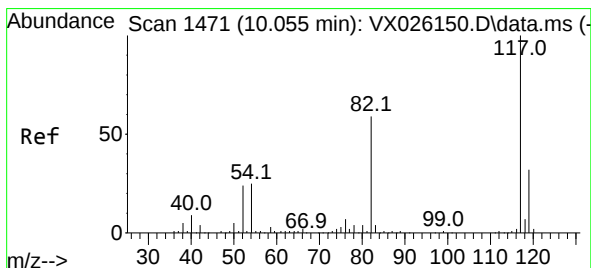
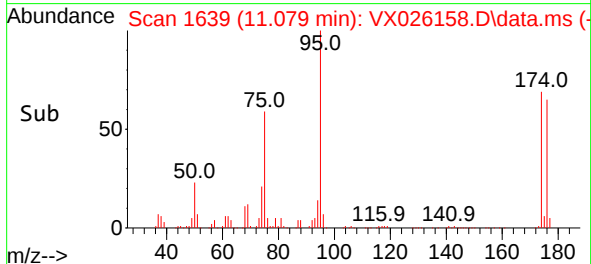
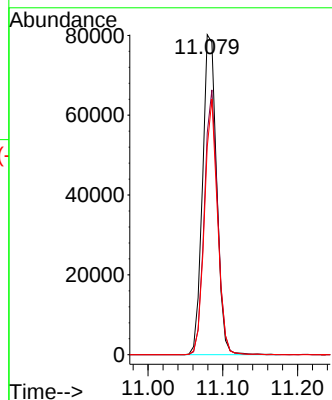
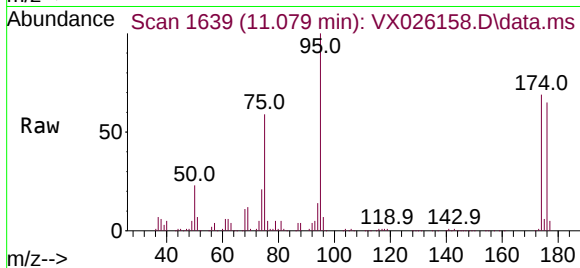
Tgt Ion: 95 Resp: 105073

Ion Ratio Lower Upper

95 100

174 78.0 0.0 157.4

176 74.2 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: VX026158.D

Acq: 30 Dec 2021 11:05

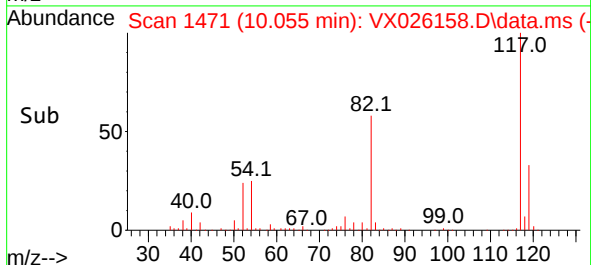
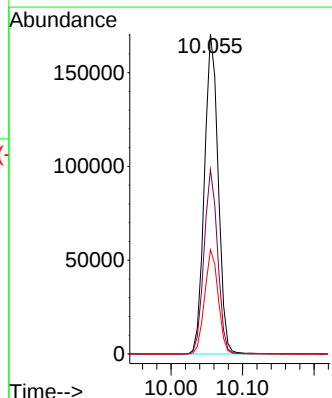
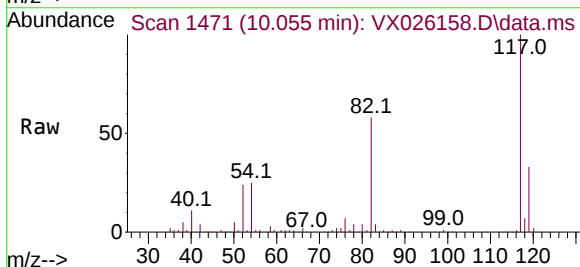
Tgt Ion: 117 Resp: 228614

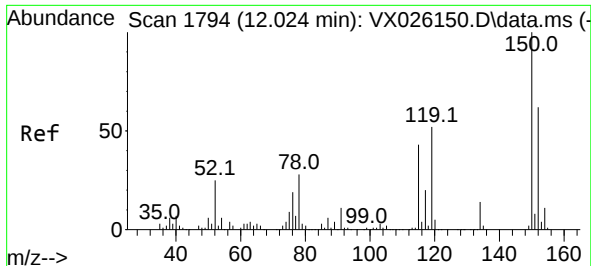
Ion Ratio Lower Upper

117 100

82 57.7 43.8 65.6

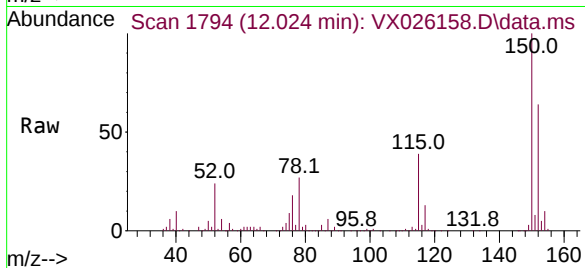
119 32.6 25.2 37.8



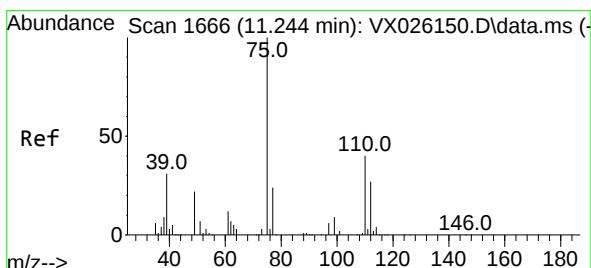
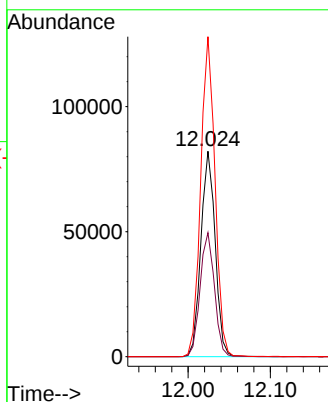
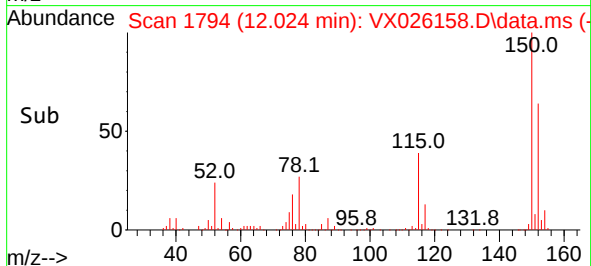


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026158.D
 Acq: 30 Dec 2021 11:05

Instrument :
 MSVOA_X
 ClientSampleId :

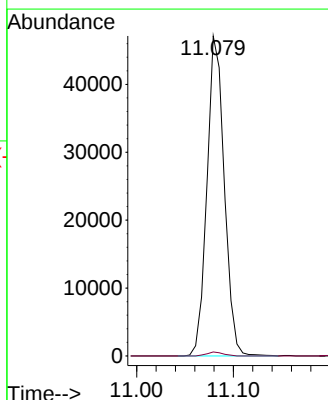
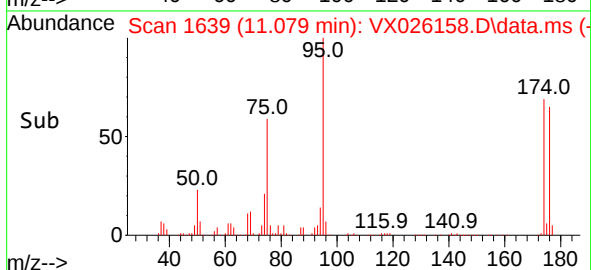
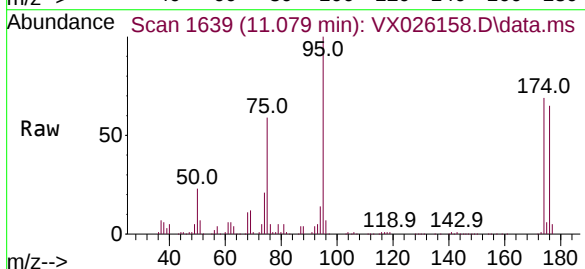


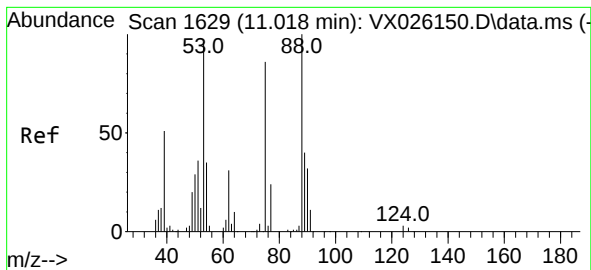
Tgt Ion:152 Resp: 99057
 Ion Ratio Lower Upper
 152 100
 115 60.9 41.3 123.9
 150 156.1 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 24.601 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX026158.D
 Acq: 30 Dec 2021 11:05

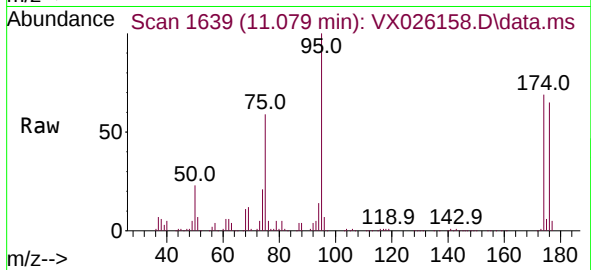
Tgt Ion: 75 Resp: 58820
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.0 57.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.170 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX026158.D
 Acq: 30 Dec 2021 11:05

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 58820
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.5 119.3#
 89 0.0 38.3 57.5#

