

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123121\
 Data File : VX026174.D
 Acq On : 30 Dec 2021 17:33
 Operator : JC/MD
 Sample : M5207-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 31 07:10:26 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)

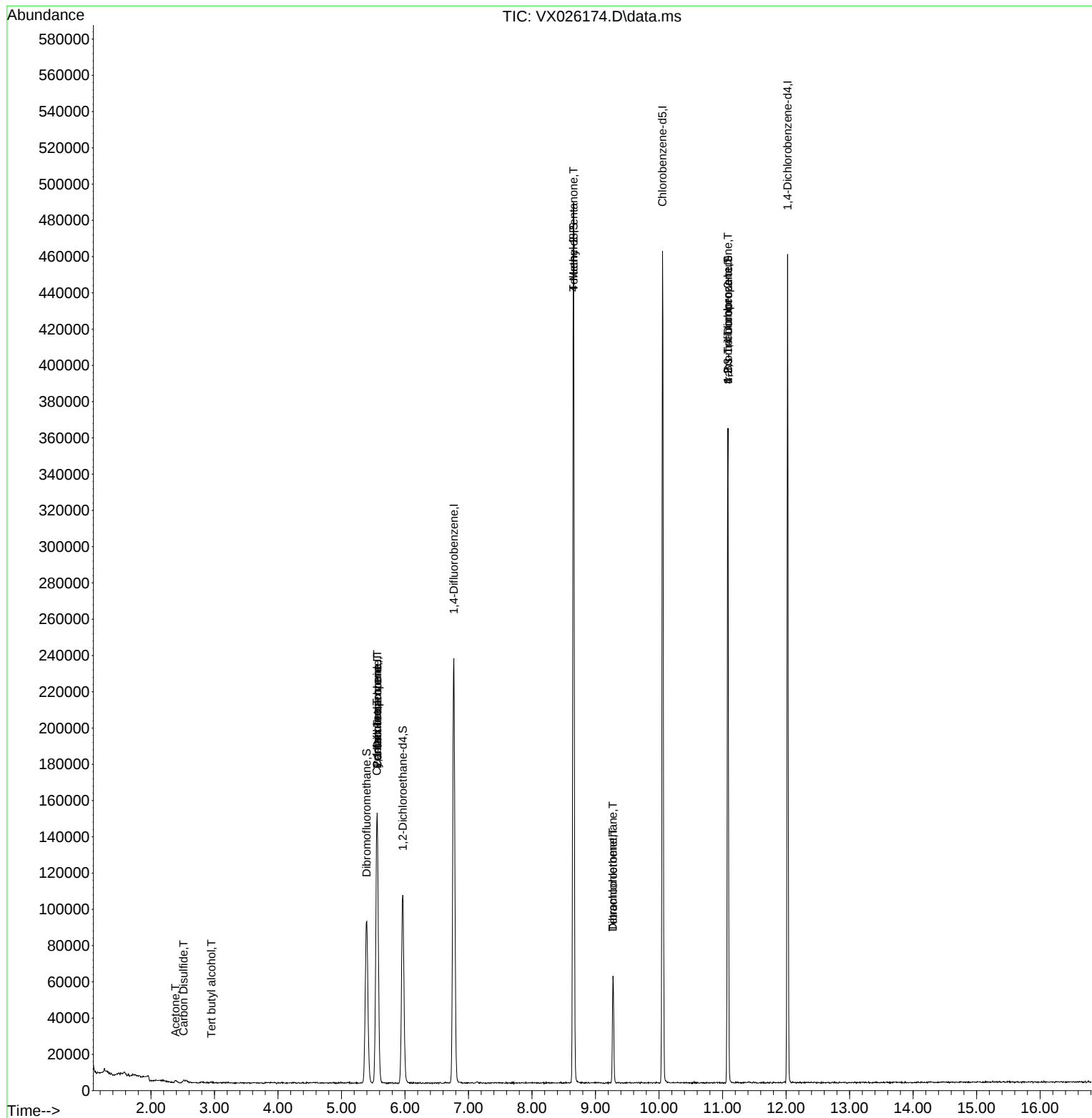
Internal Standards						
1) Pentafluorobenzene	5.562	168	131335	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	226254	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	195419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82348	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	99483	52.359	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.720%	
35) Dibromofluoromethane	5.397	113	76809	52.217	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.440%	
50) Toluene-d8	8.653	98	266175	48.649	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.300%	
62) 4-Bromofluorobenzene	11.085	95	89577	45.990	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.980%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	294	0.775	ug/l #	73
16) Acetone	2.386	43	1559	1.514	ug/l #	84
17) Carbon Disulfide	2.514	76	1608	0.385	ug/l #	89
20) Methylene Chloride	2.788	84	121	Below Cal	#	55
31) Cyclohexane	5.556	56	3733	1.380	ug/l #	53
36) 1,1-Dichloropropene	5.562	75	11618	4.897	ug/l #	50
38) Carbon Tetrachloride	5.562	117	13734	5.204	ug/l #	14
51) 4-Methyl-2-Pentanone	8.653	43	1414	0.507	ug/l #	1
60) Dibromochloromethane	9.275	129	10059	5.183	ug/l #	11
64) Tetrachloroethene	9.275	164	10414	6.315	ug/l	97
76) 1,2,3-Trichloropropane	11.085	75	49566	24.937	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	49566	72.142	ug/l #	10

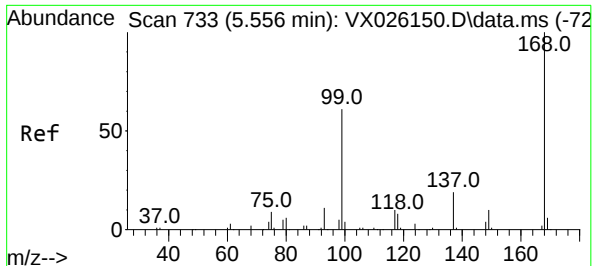
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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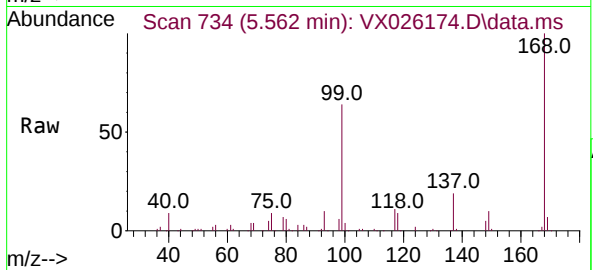
Quant Time: Dec 31 07:10:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
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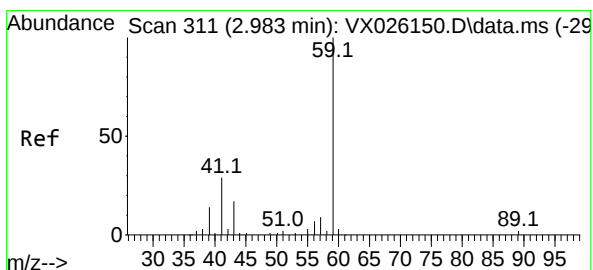
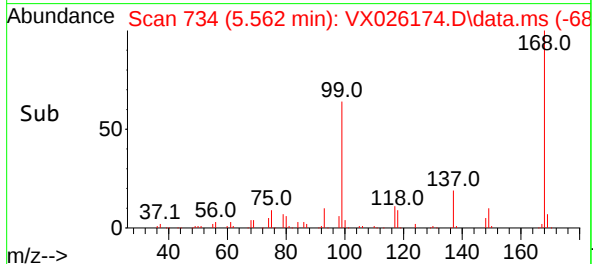
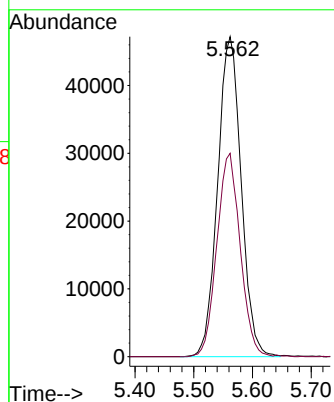


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026174.D
Acq: 30 Dec 2021 17:33

Instrument :
MSVOA_X
ClientSampleId :

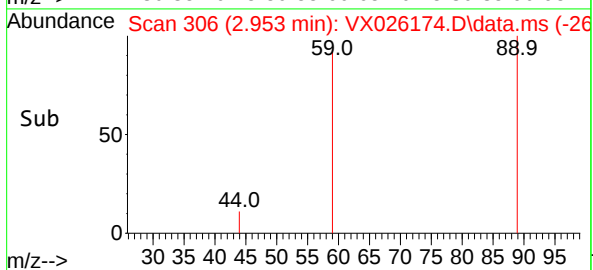
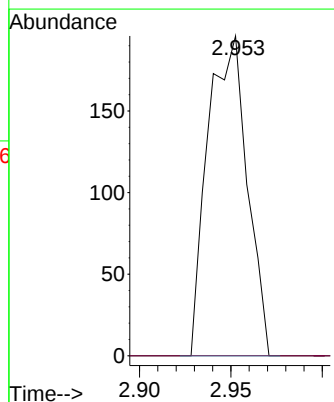
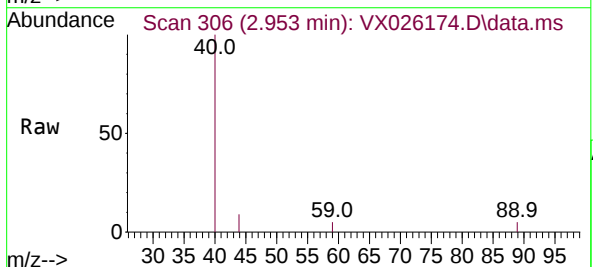


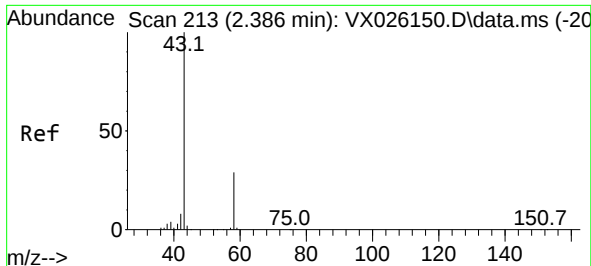
Tgt Ion:168 Resp: 131335
Ion Ratio Lower Upper
168 100
99 63.6 45.8 68.8



#11
Tert butyl alcohol
Concen: 0.775 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX026174.D
Acq: 30 Dec 2021 17:33

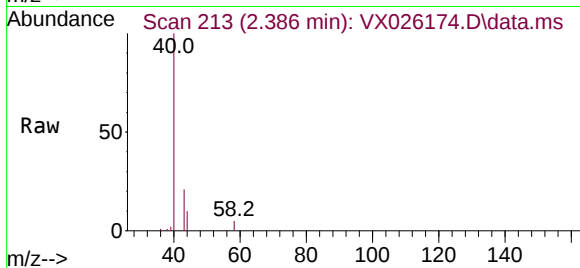
Tgt Ion: 59 Resp: 294
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



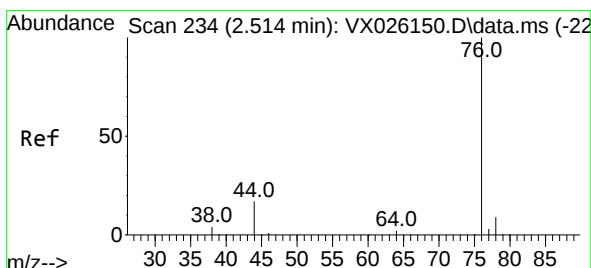
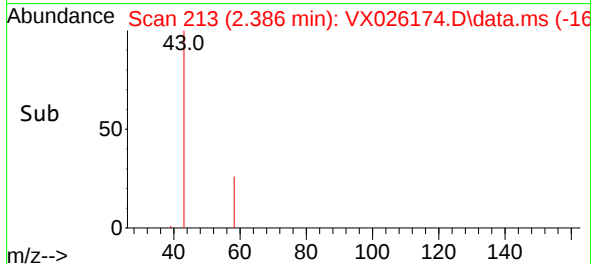
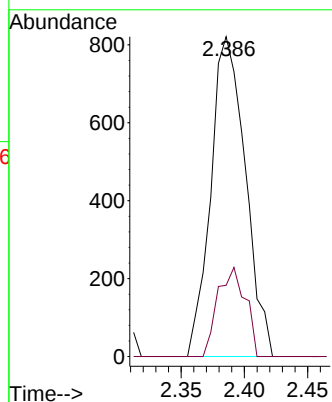


#16
Acetone
Concen: 1.514 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX026174.D
Acq: 30 Dec 2021 17:33

Instrument :
MSVOA_X
ClientSampleId :

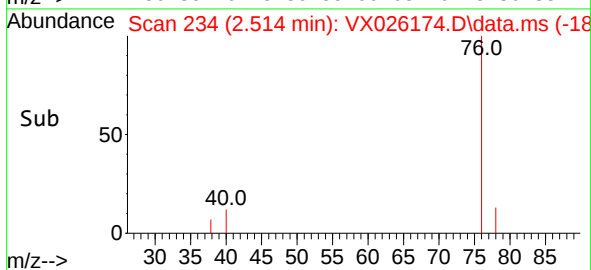
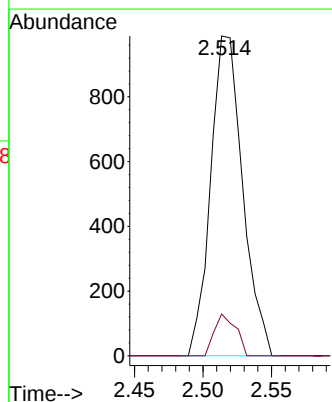
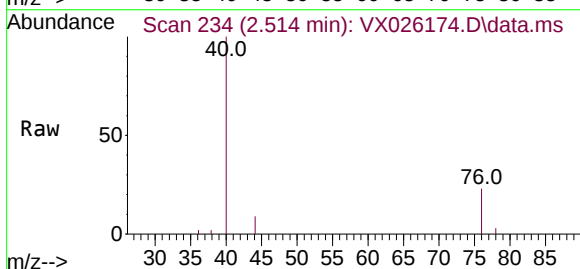


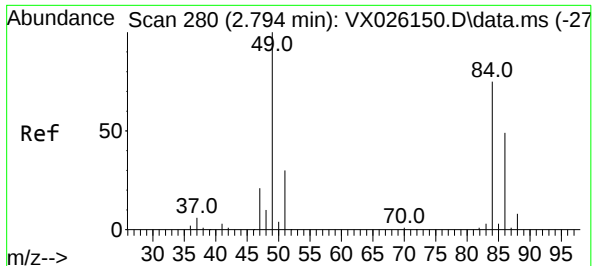
Tgt Ion: 43 Resp: 1559
Ion Ratio Lower Upper
43 100
58 22.3 24.8 37.2#



#17
Carbon Disulfide
Concen: 0.385 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX026174.D
Acq: 30 Dec 2021 17:33

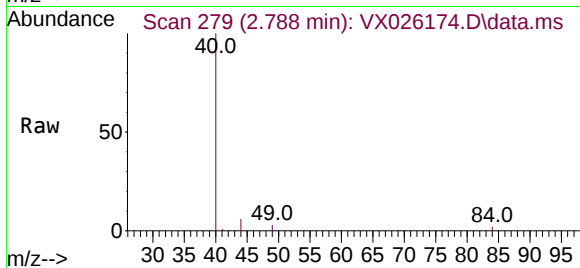
Tgt Ion: 76 Resp: 1608
Ion Ratio Lower Upper
76 100
78 13.1 7.2 10.8#



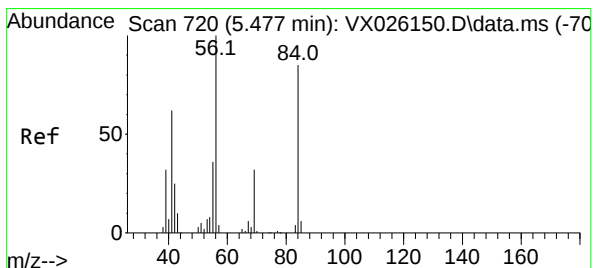
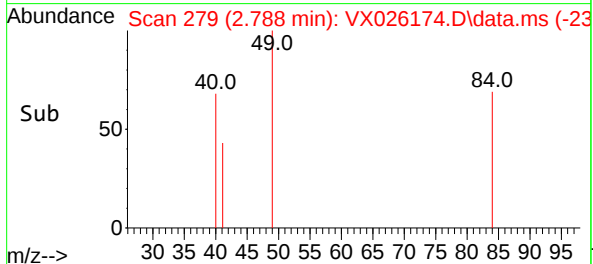
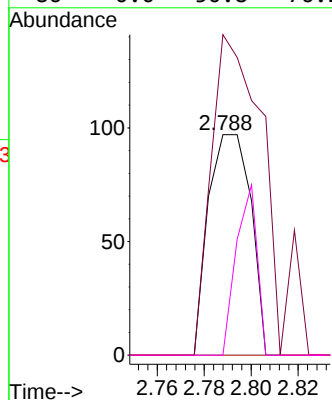


#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX026174.D
Acq: 30 Dec 2021 17:33

Instrument :
MSVOA_X
ClientSampleId :

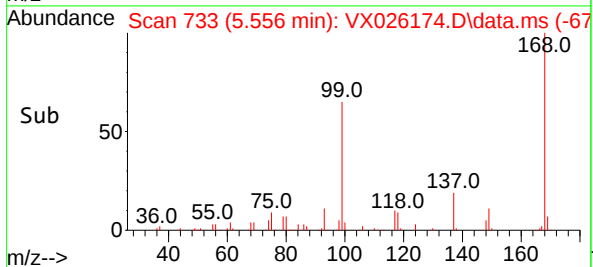
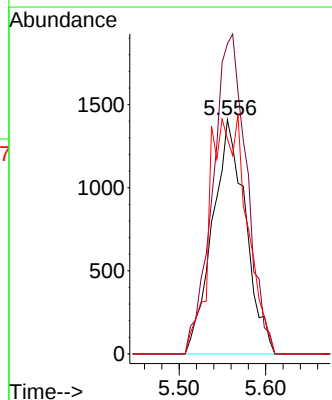
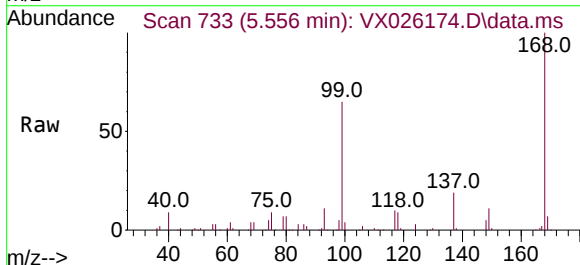


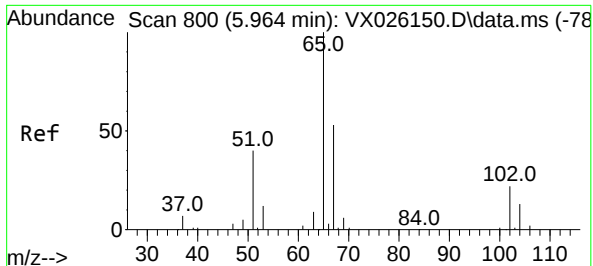
Tgt Ion: 84	Resp:	121	
Ion	Ratio	Lower	Upper
84	100		
49	145.4	97.1	145.7
51	0.0	29.3	43.9#
86	0.0	50.8	76.2#



#31
Cyclohexane
Concen: 1.380 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX026174.D
Acq: 30 Dec 2021 17:33

Tgt Ion: 56	Resp:	3733	
Ion	Ratio	Lower	Upper
56	100		
69	132.4	23.9	35.9#
84	91.9	73.2	109.8





#33

1,2-Dichloroethane-d4

Concen: 52.359 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX026174.D

Acq: 30 Dec 2021 17:33

Instrument :

MSVOA_X

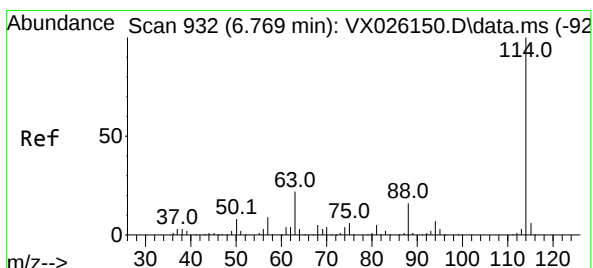
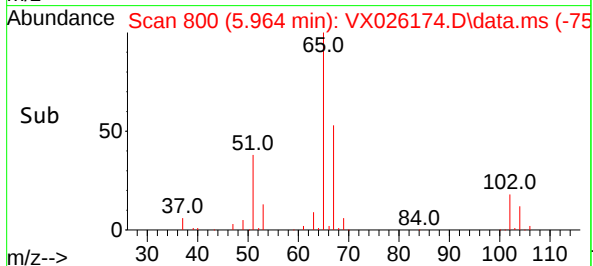
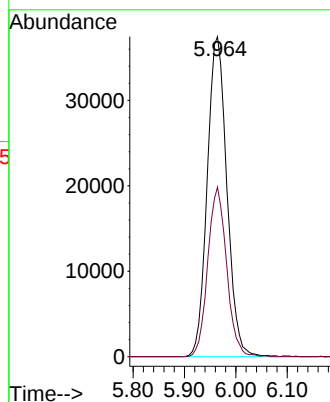
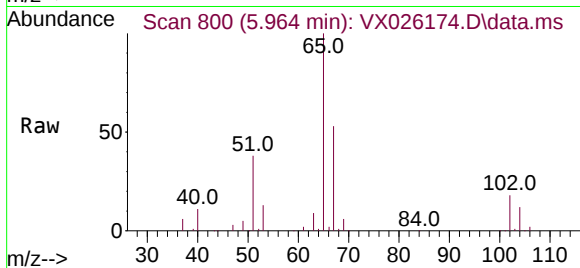
ClientSampleId :

Tgt Ion: 65 Resp: 99483

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# 932

Delta R.T. -0.000 min

Lab File: VX026174.D

Acq: 30 Dec 2021 17:33

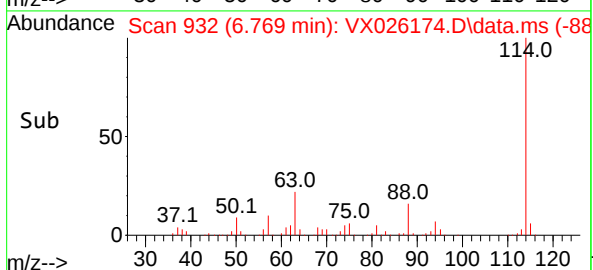
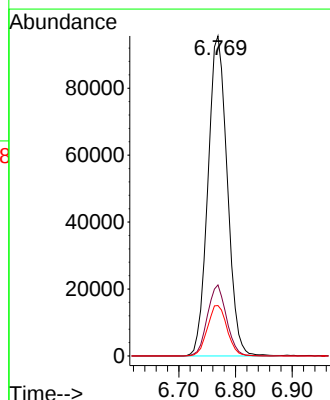
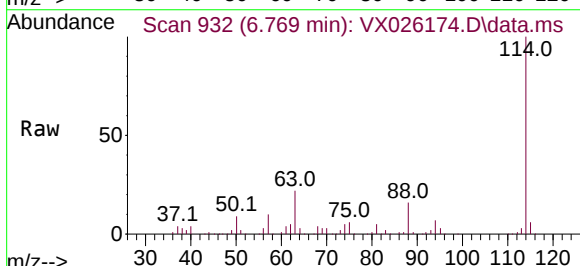
Tgt Ion: 114 Resp: 226254

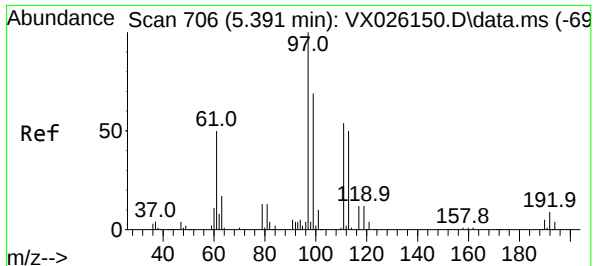
Ion Ratio Lower Upper

114 100

63 22.2 0.0 40.0

88 15.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.217 ug/l

RT: 5.397 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX026174.D

Acq: 30 Dec 2021 17:33

Instrument :

MSVOA_X

ClientSampleId :

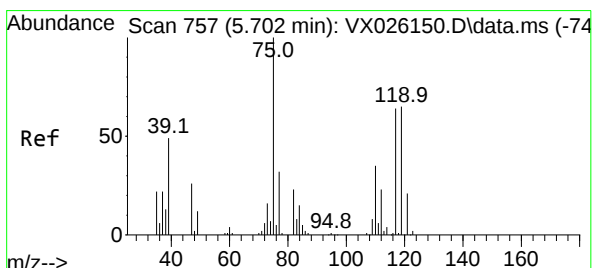
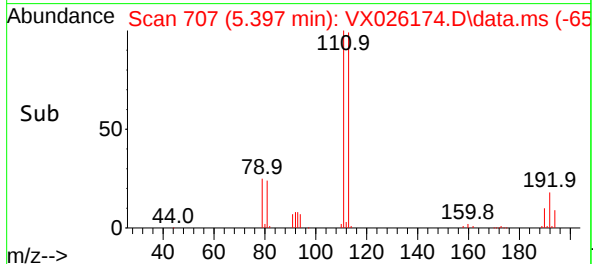
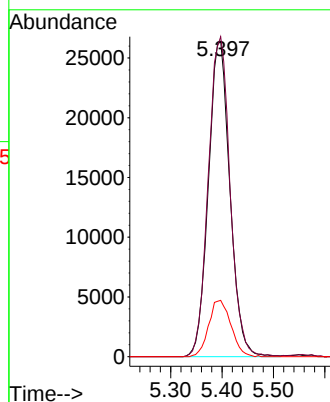
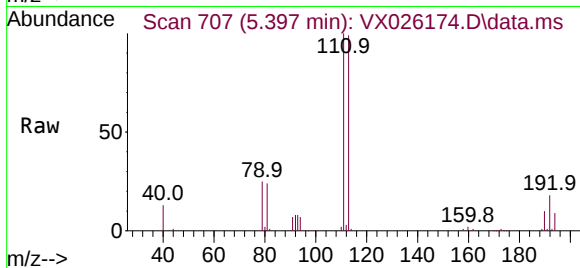
Tgt Ion:113 Resp: 76809

Ion Ratio Lower Upper

113 100

111 102.8 81.8 122.8

192 18.5 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.897 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX026174.D

Acq: 30 Dec 2021 17:33

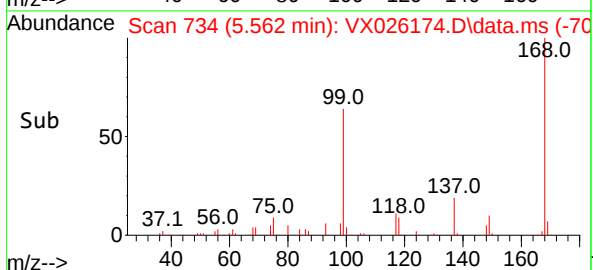
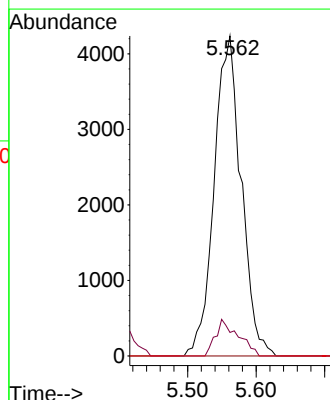
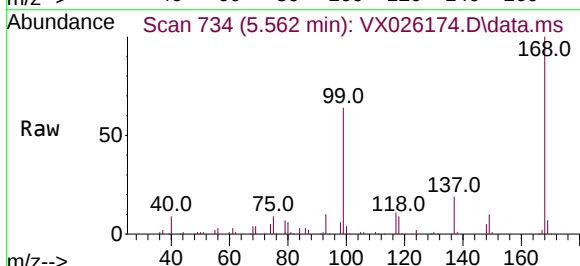
Tgt Ion: 75 Resp: 11618

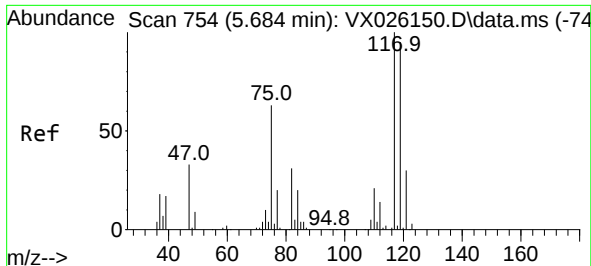
Ion Ratio Lower Upper

75 100

110 9.6 18.2 54.6#

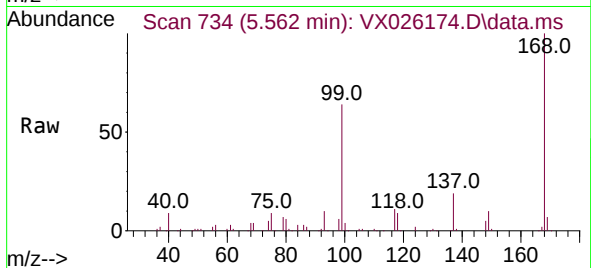
77 0.0 24.7 37.1#



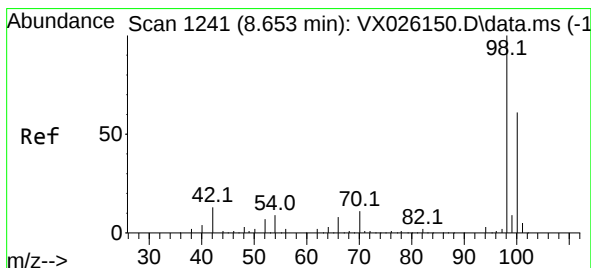
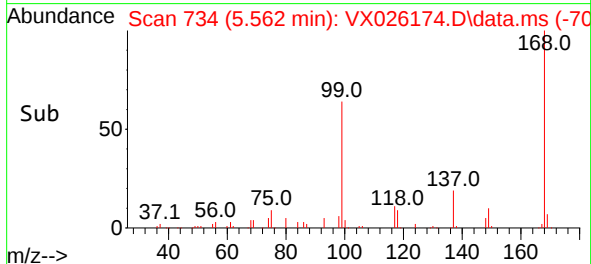
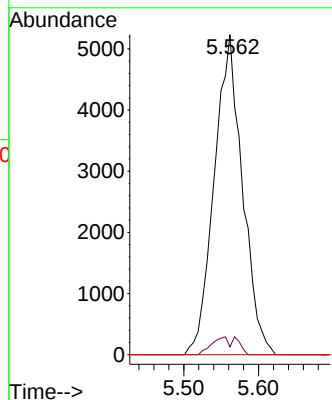


#38
Carbon Tetrachloride
Concen: 5.204 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX026174.D
Acq: 30 Dec 2021 17:33

Instrument :
MSVOA_X
ClientSampleId :

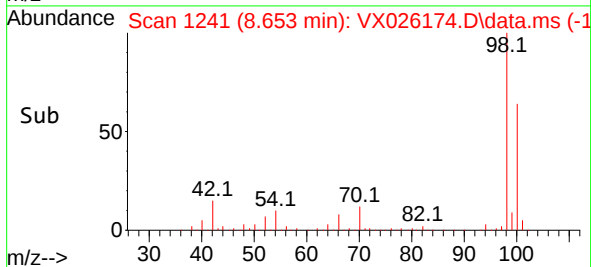
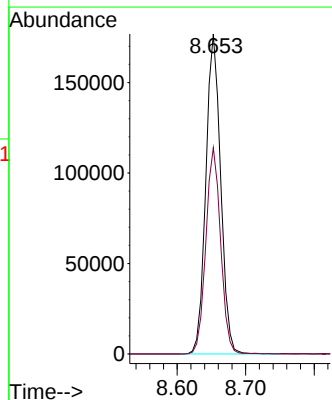
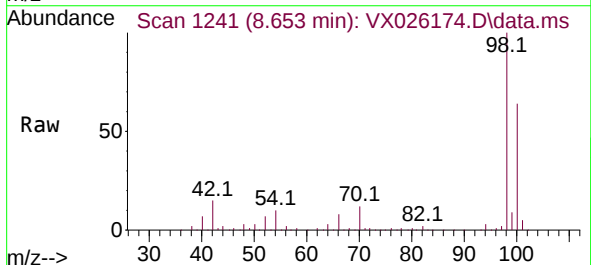


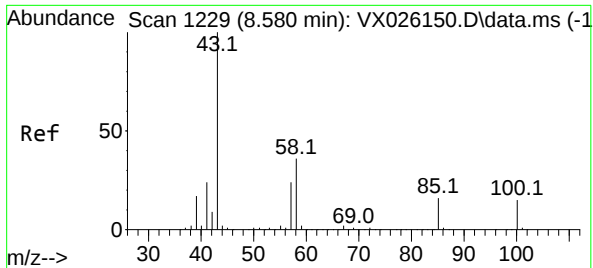
Tgt Ion:117 Resp: 13734
Ion Ratio Lower Upper
117 100
119 2.4 77.2 115.8#
121 0.0 23.8 35.8#



#50
Toluene-d8
Concen: 48.649 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026174.D
Acq: 30 Dec 2021 17:33

Tgt Ion: 98 Resp: 266175
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8

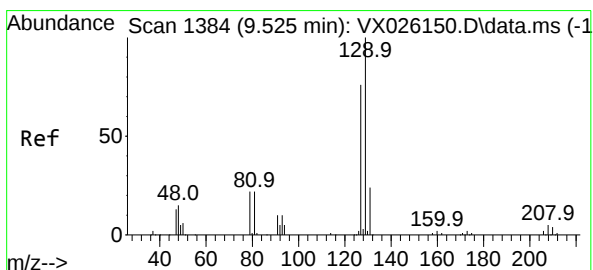
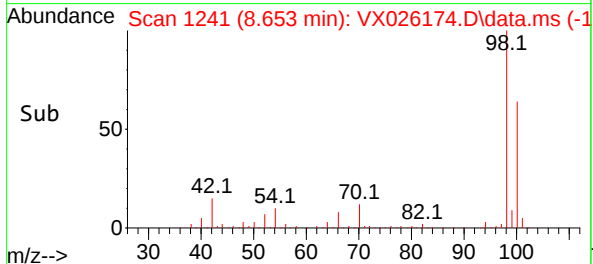
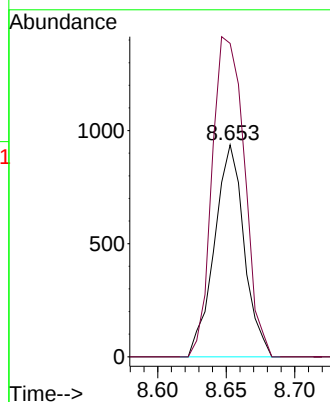
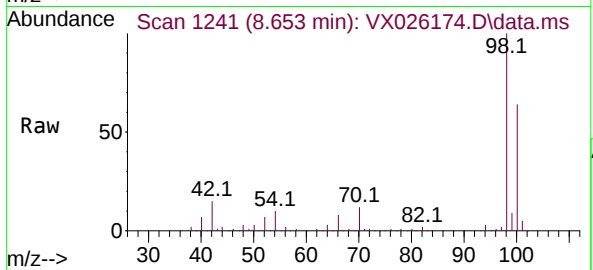




#51
4-Methyl-2-Pentanone
Concen: 0.507 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX026174.D
Acq: 30 Dec 2021 17:33

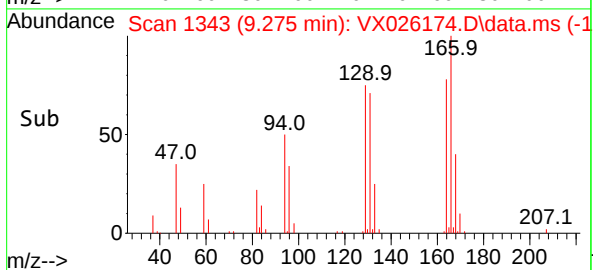
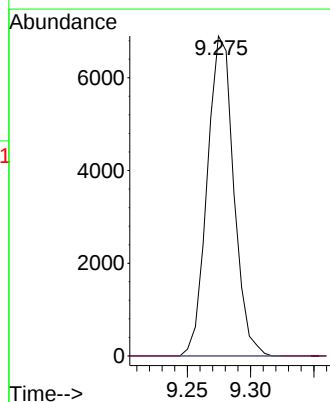
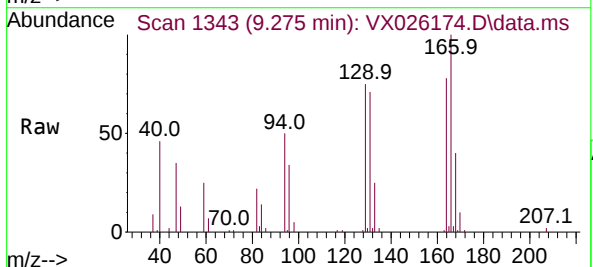
Instrument :
MSVOA_X
ClientSampleId :

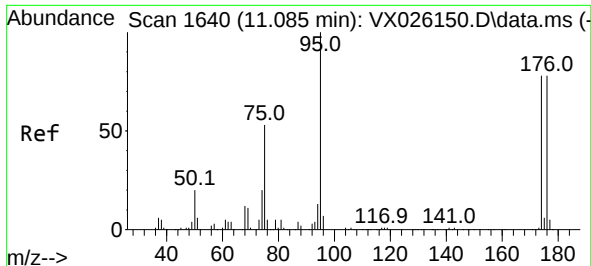
Tgt Ion: 43 Resp: 1414
Ion Ratio Lower Upper
43 100
58 163.9 30.8 46.2#



#60
Dibromochloromethane
Concen: 5.183 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX026174.D
Acq: 30 Dec 2021 17:33

Tgt Ion: 129 Resp: 10059
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.7#

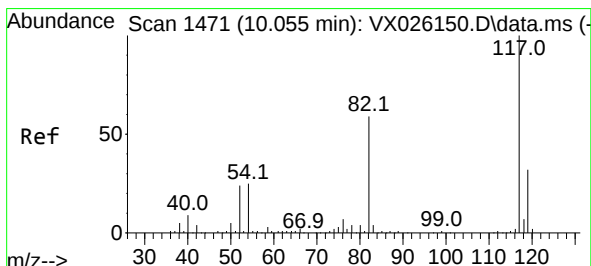
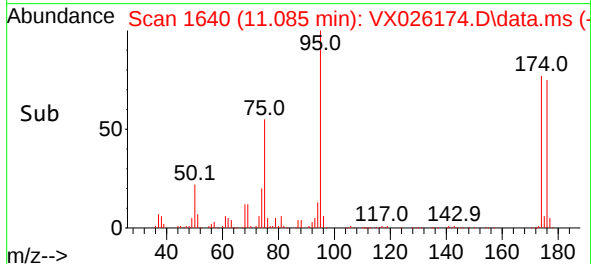
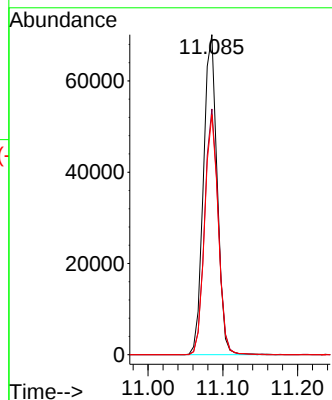
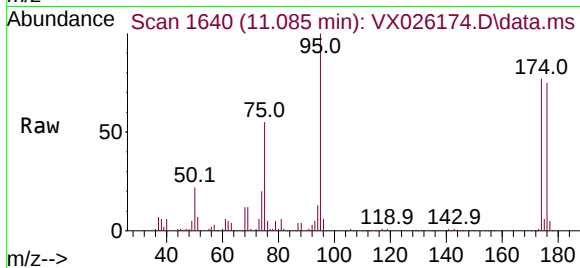




#62
4-Bromofluorobenzene
Concen: 45.990 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX026174.D
Acq: 30 Dec 2021 17:33

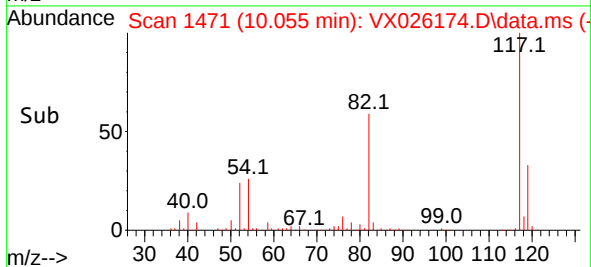
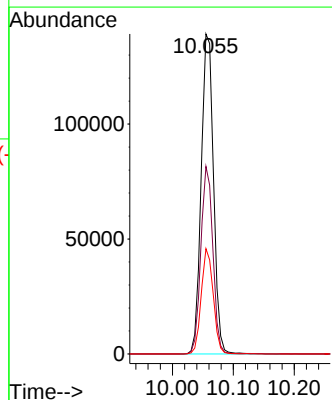
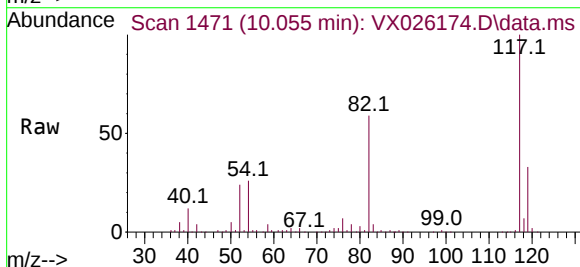
Instrument :
MSVOA_X
ClientSampleId :

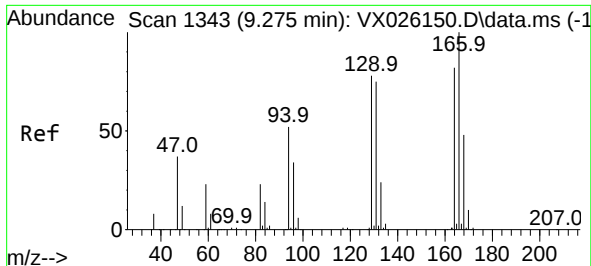
Tgt Ion: 95 Resp: 89577
Ion Ratio Lower Upper
95 100
174 76.1 0.0 157.4
176 74.2 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026174.D
Acq: 30 Dec 2021 17:33

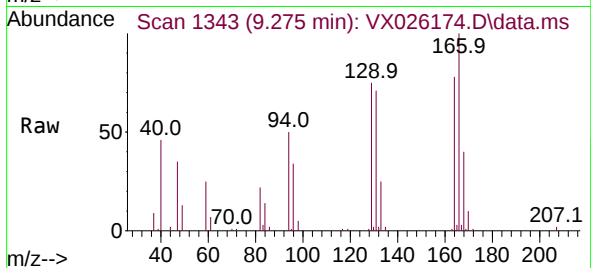
Tgt Ion: 117 Resp: 195419
Ion Ratio Lower Upper
117 100
82 58.6 43.8 65.6
119 32.9 25.2 37.8



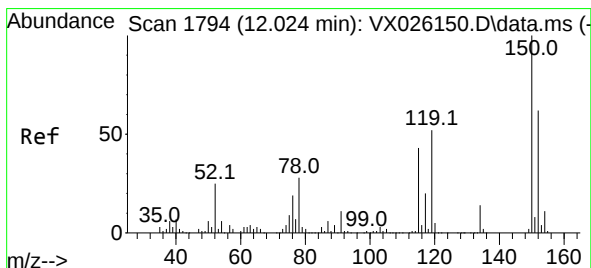
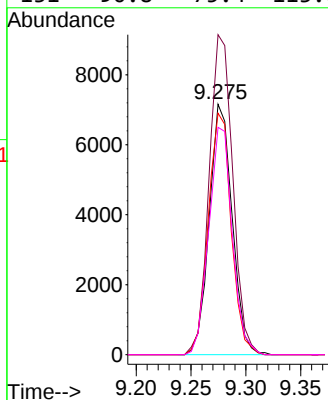
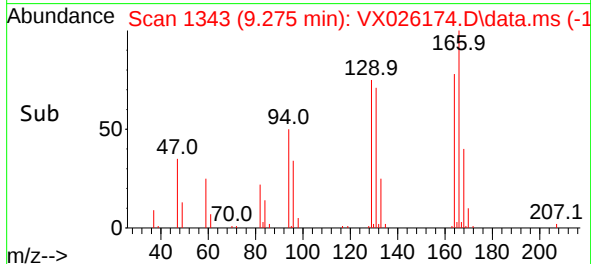


#64
Tetrachloroethene
Concen: 6.315 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026174.D
Acq: 30 Dec 2021 17:33

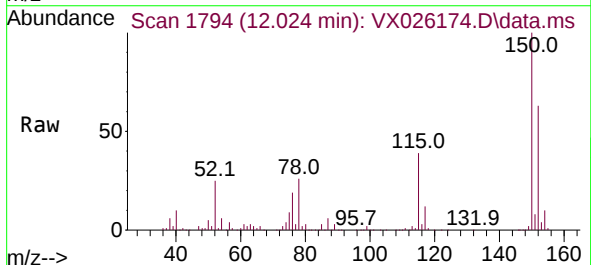
Instrument :
MSVOA_X
ClientSampleId :



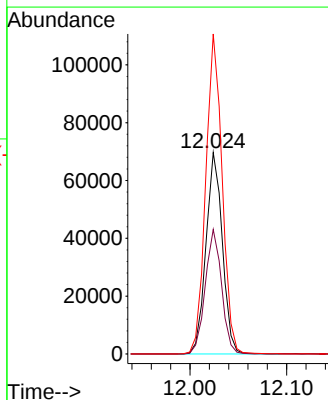
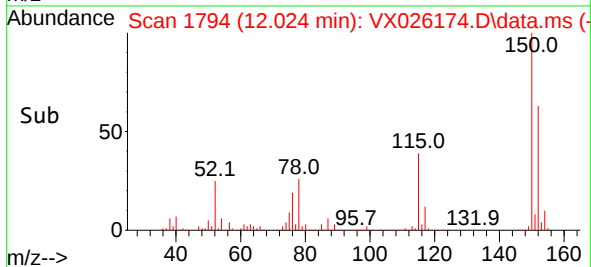
Tgt Ion:164 Resp: 10414
Ion Ratio Lower Upper
164 100
166 127.8 99.4 149.0
129 96.4 78.6 118.0
131 90.8 75.4 113.0

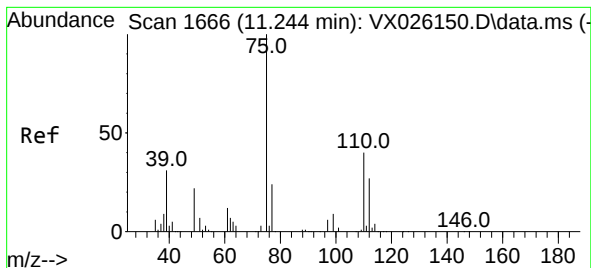


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026174.D
Acq: 30 Dec 2021 17:33



Tgt Ion:152 Resp: 82348
Ion Ratio Lower Upper
152 100
115 61.4 41.3 123.9
150 158.8 0.0 351.8





#76

1,2,3-Trichloropropane

Concen: 24.937 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.159 min

Lab File: VX026174.D

Acq: 30 Dec 2021 17:33

Instrument :

MSVOA_X

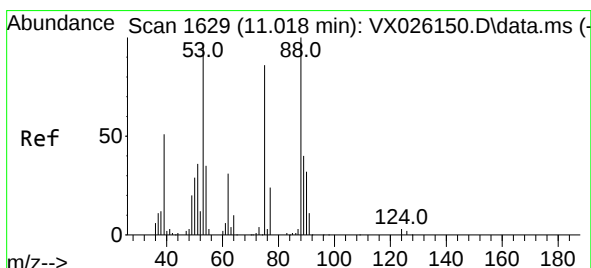
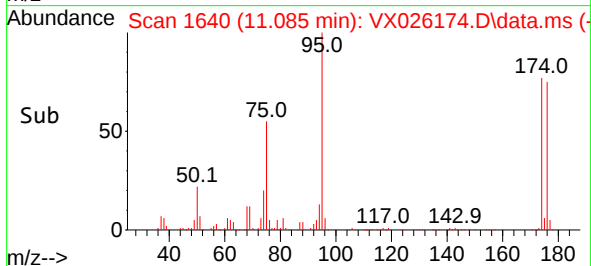
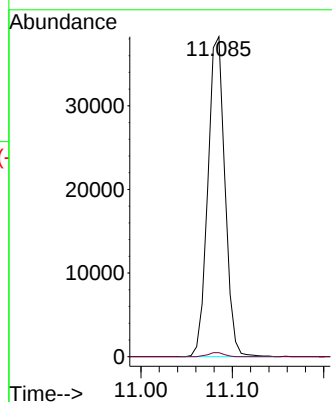
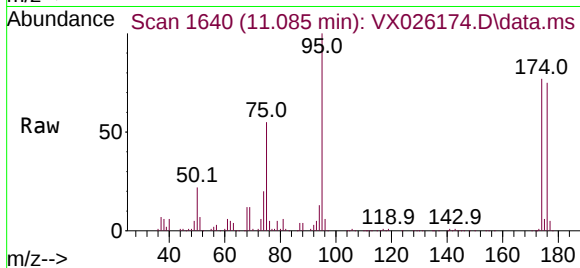
ClientSampleId :

Tgt Ion: 75 Resp: 49566

Ion Ratio Lower Upper

75 100

77 1.2 19.0 57.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 72.142 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.067 min

Lab File: VX026174.D

Acq: 30 Dec 2021 17:33

Tgt Ion: 75 Resp: 49566

Ion Ratio Lower Upper

75 100

53 0.0 79.5 119.3#

89 0.1 38.3 57.5#

