

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123121\
 Data File : VX026176.D
 Acq On : 30 Dec 2021 18:20
 Operator : JC/MD
 Sample : M5207-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-121321

Quant Time: Dec 31 07:10:55 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)

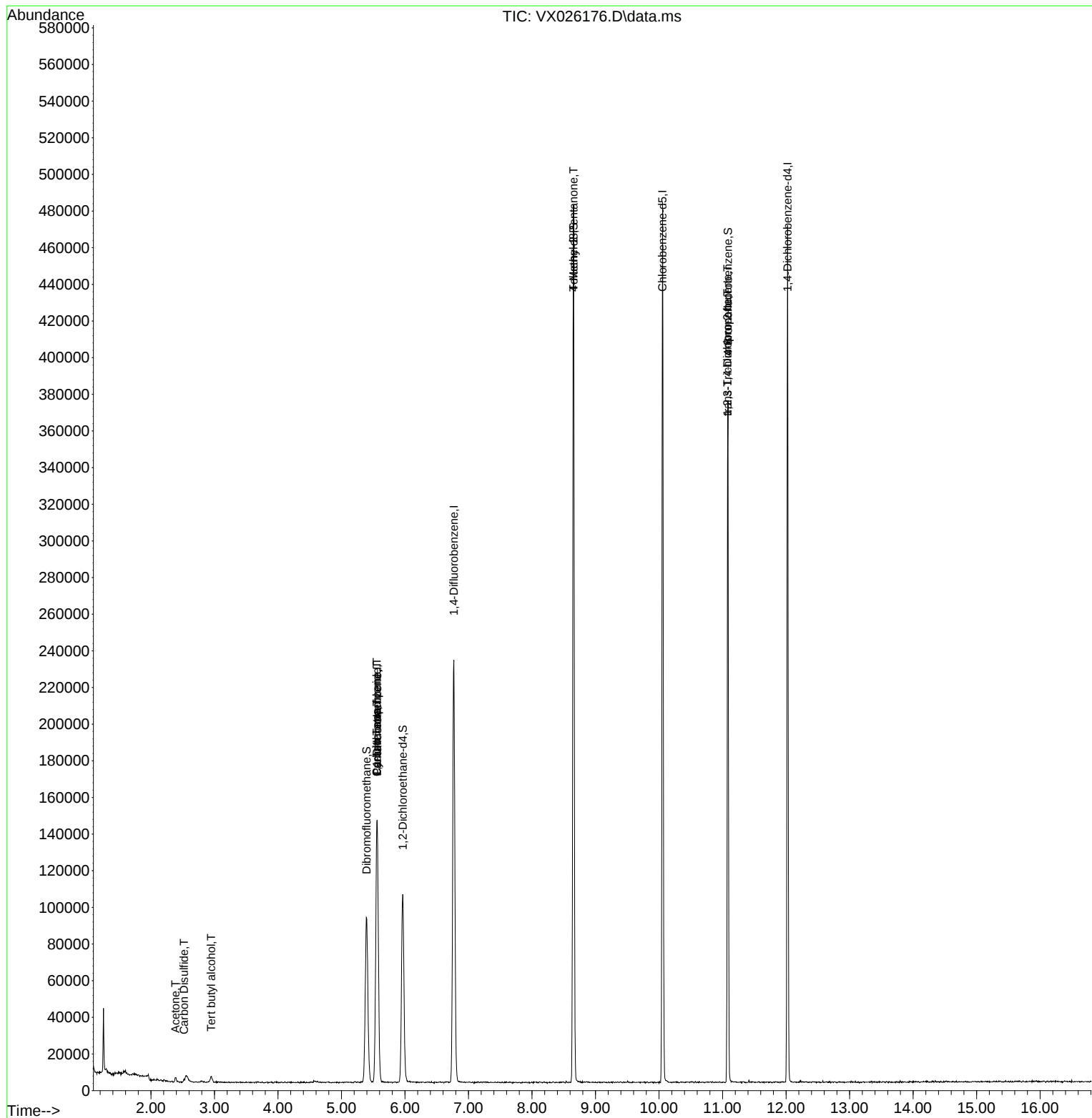
Internal Standards						
1) Pentafluorobenzene	5.562	168	129306	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	222821	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	195997	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85009	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	98196	52.492	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.980%			
35) Dibromofluoromethane	5.397	113	75287	51.971	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.940%			
50) Toluene-d8	8.653	98	263744	48.947	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.900%			
62) 4-Bromofluorobenzene	11.085	95	91899	47.909	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.820%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.947	59	2000	5.353	ug/l #	73
16) Acetone	2.386	43	2736	2.699	ug/l #	84
17) Carbon Disulfide	2.520	76	1350	0.329	ug/l	95
20) Methylene Chloride	2.788	84	241	Below Cal	#	76
31) Cyclohexane	5.556	56	3669	1.377	ug/l #	26
36) 1,1-Dichloropropene	5.556	75	11391	4.875	ug/l #	50
38) Carbon Tetrachloride	5.556	117	14234	5.477	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	1480	0.539	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	50413	24.569	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	50413	71.078	ug/l #	10

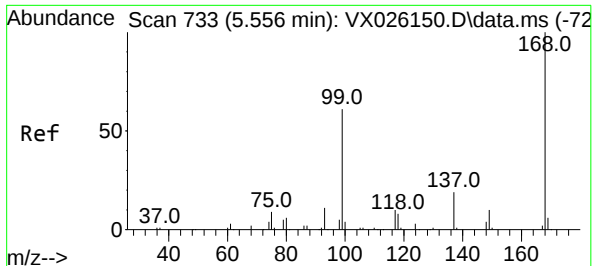
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
TB-121321

Quant Time: Dec 31 07:10:55 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

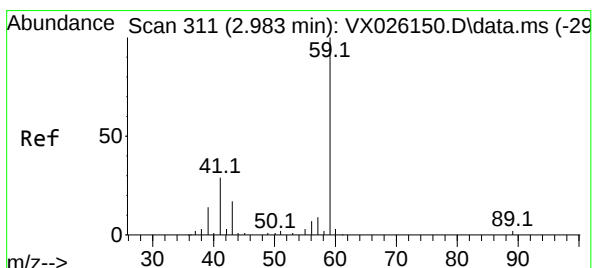
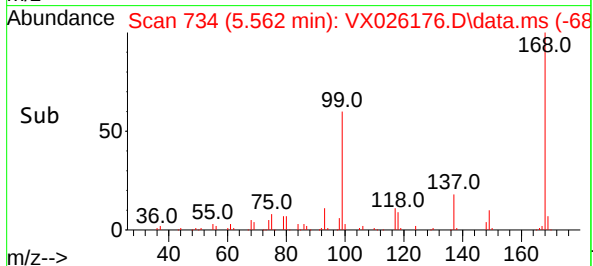
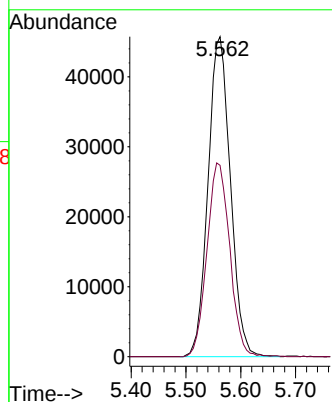
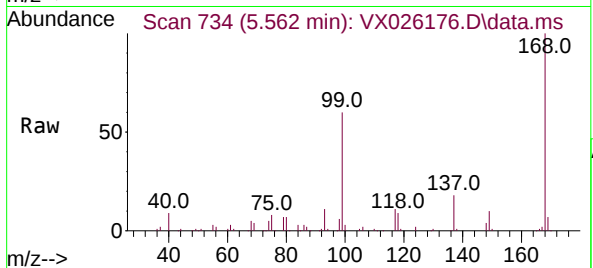




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026176.D
Acq: 30 Dec 2021 18:20

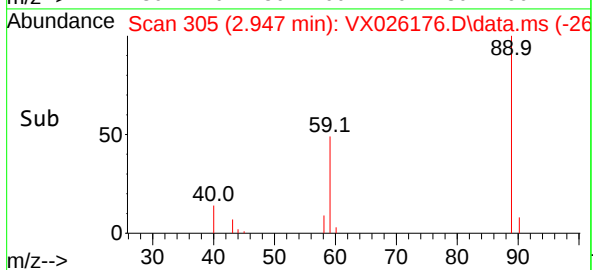
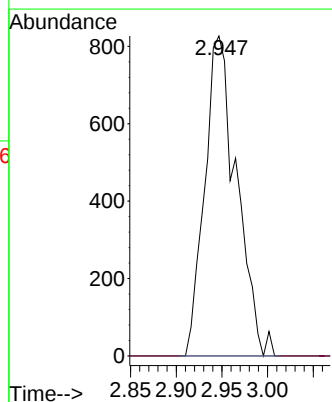
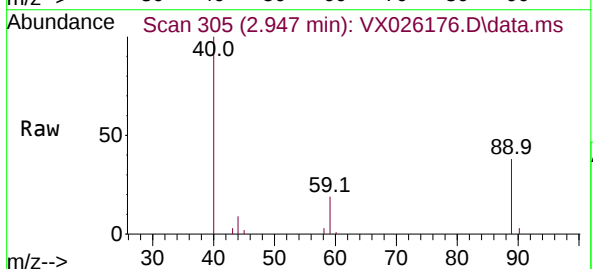
Instrument :
MSVOA_X
ClientSampleId :
TB-121321

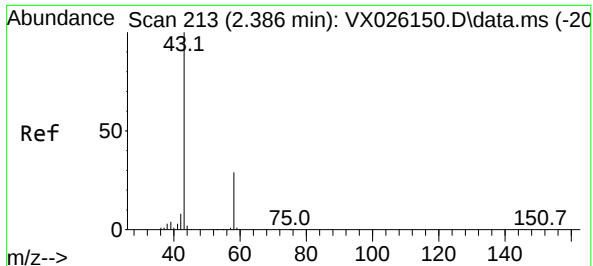
Tgt Ion:168 Resp: 129306
Ion Ratio Lower Upper
168 100
99 59.8 45.8 68.8



#11
Tert butyl alcohol
Concen: 5.353 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX026176.D
Acq: 30 Dec 2021 18:20

Tgt Ion: 59 Resp: 2000
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

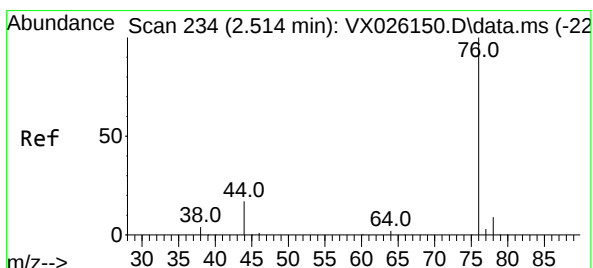
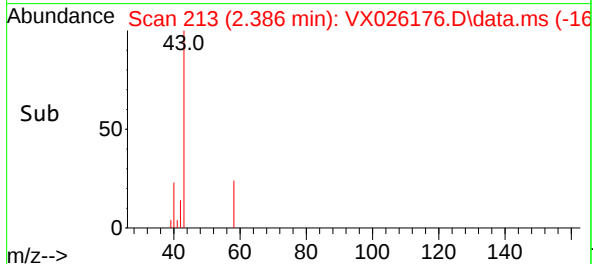
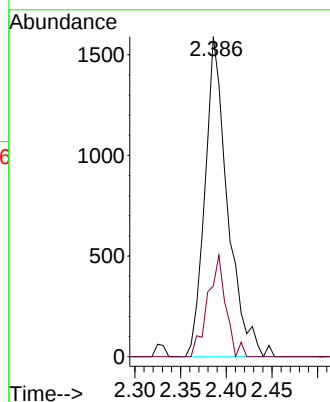
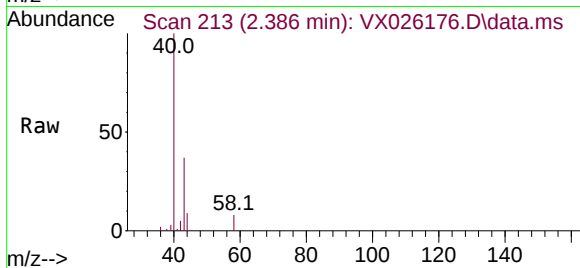




#16
Acetone
Concen: 2.699 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX026176.D
Acq: 30 Dec 2021 18:20

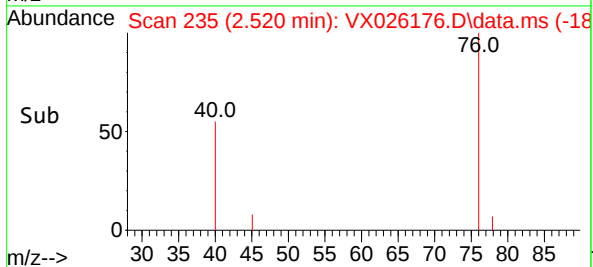
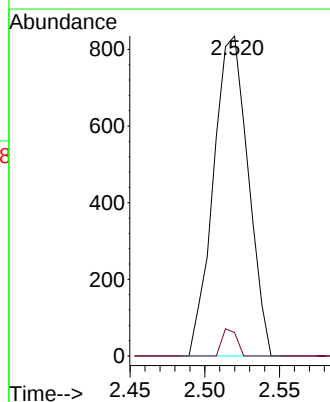
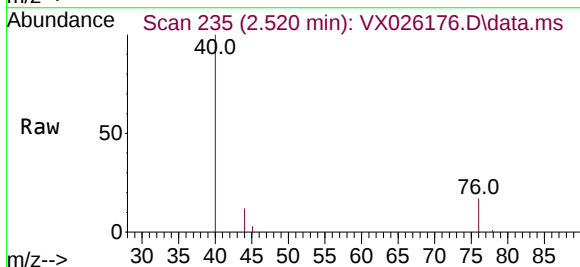
Instrument :
MSVOA_X
ClientSampleId :
TB-121321

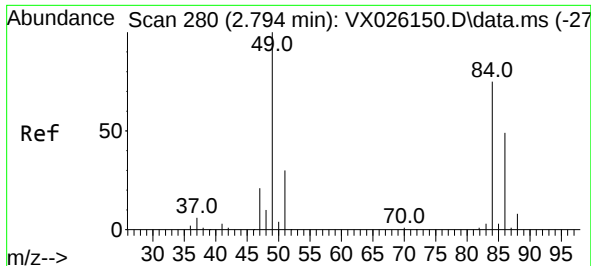
Tgt Ion: 43 Resp: 2736
Ion Ratio Lower Upper
43 100
58 22.1 24.8 37.2#



#17
Carbon Disulfide
Concen: 0.329 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX026176.D
Acq: 30 Dec 2021 18:20

Tgt Ion: 76 Resp: 1350
Ion Ratio Lower Upper
76 100
78 7.3 7.2 10.8

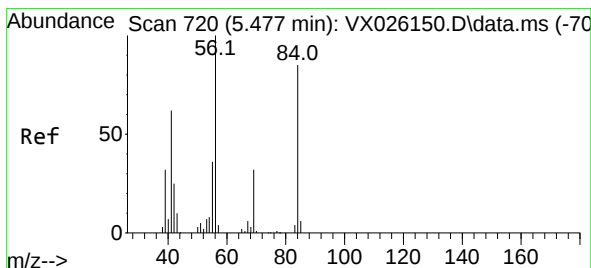
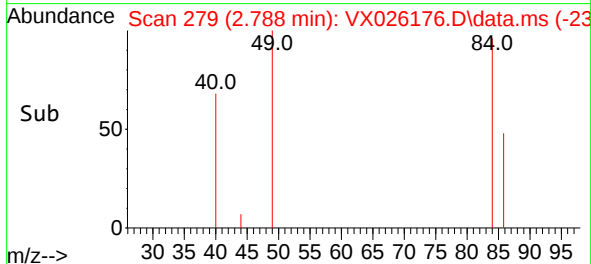
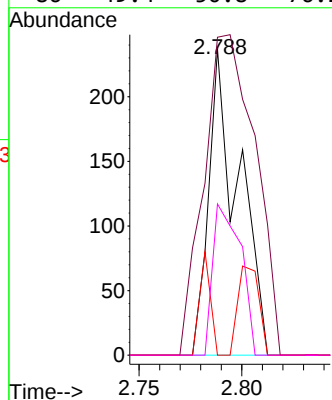
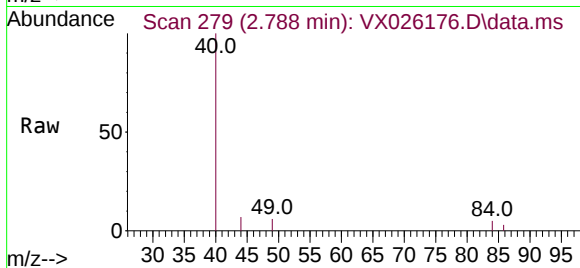




#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX026176.D
Acq: 30 Dec 2021 18:20

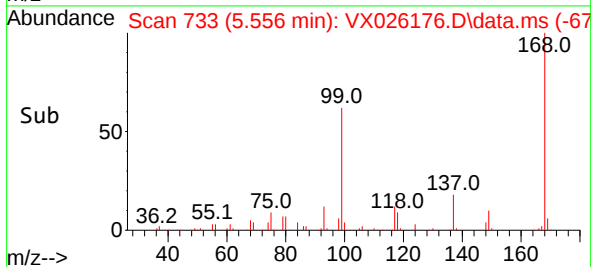
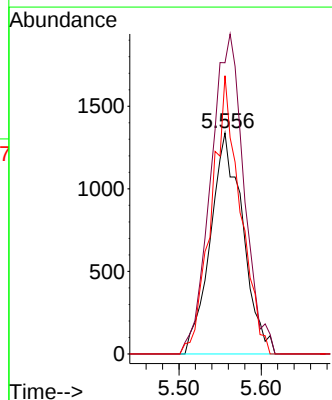
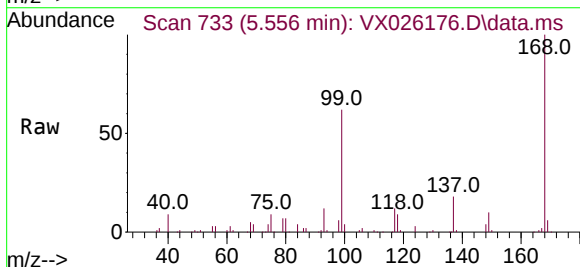
Instrument :
MSVOA_X
ClientSampleId :
TB-121321

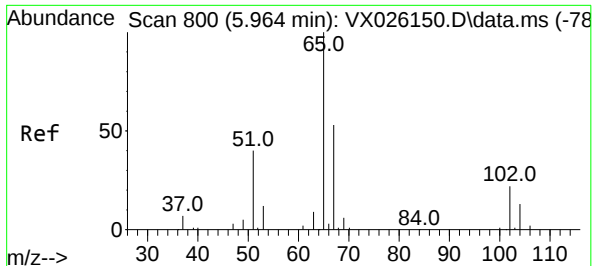
Tgt Ion:	84	Resp:	241
Ion	Ratio	Lower	Upper
84	100		
49	103.8	97.1	145.7
51	0.0	29.3	43.9#
86	49.4	50.8	76.2#



#31
Cyclohexane
Concen: 1.377 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX026176.D
Acq: 30 Dec 2021 18:20

Tgt Ion:	56	Resp:	3669
Ion	Ratio	Lower	Upper
56	100		
69	131.8	23.9	35.9#
84	125.9	73.2	109.8#





#33

1,2-Dichloroethane-d4

Concen: 52.492 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX026176.D

Acq: 30 Dec 2021 18:20

Instrument :

MSVOA_X

ClientSampleId :

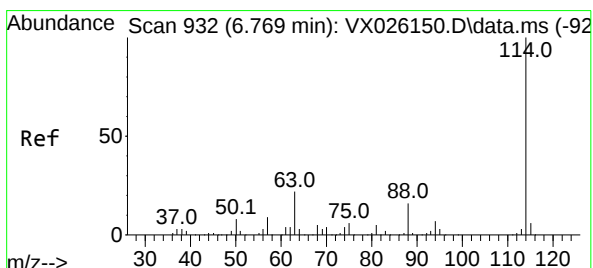
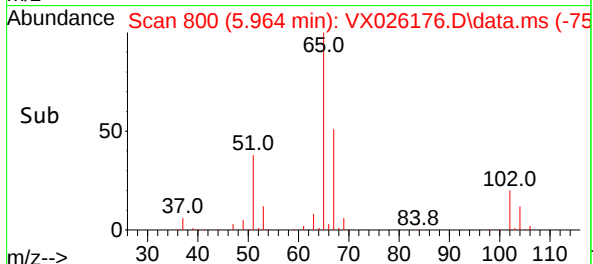
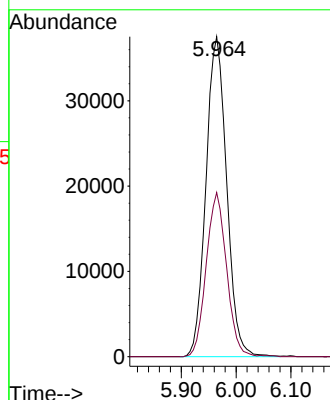
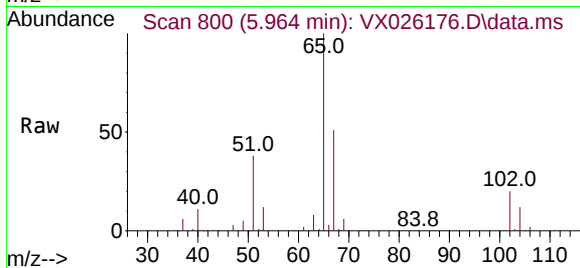
TB-121321

Tgt Ion: 65 Resp: 98196

Ion Ratio Lower Upper

65 100

67 50.3 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: VX026176.D

Acq: 30 Dec 2021 18:20

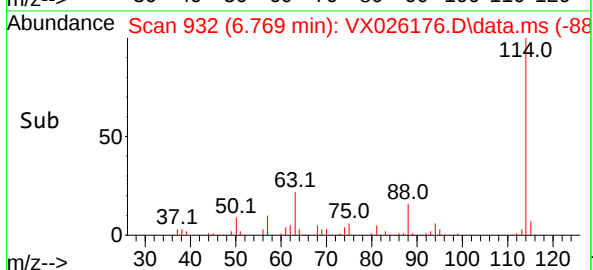
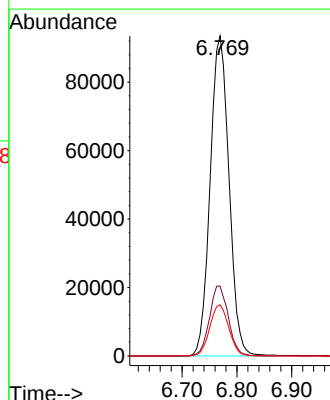
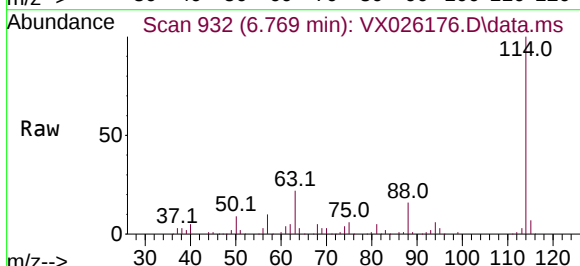
Tgt Ion: 114 Resp: 222821

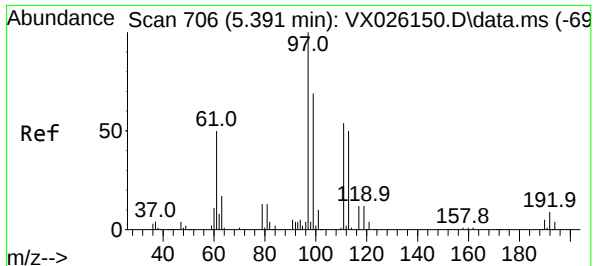
Ion Ratio Lower Upper

114 100

63 21.8 0.0 40.0

88 16.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.971 ug/l

RT: 5.397 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX026176.D

Acq: 30 Dec 2021 18:20

Instrument :

MSVOA_X

ClientSampleId :

TB-121321

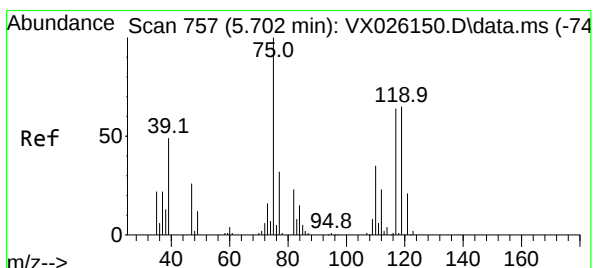
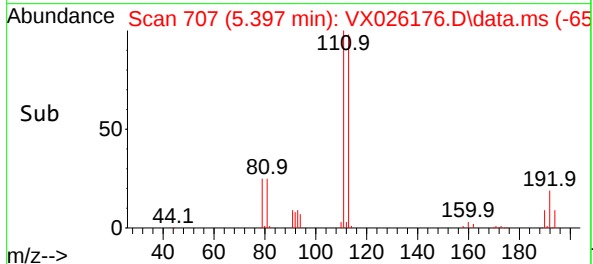
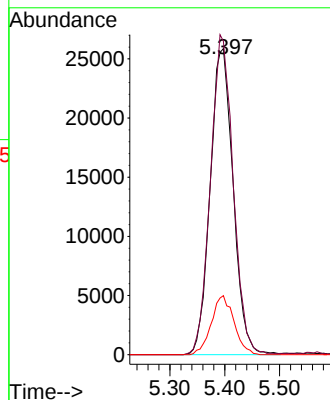
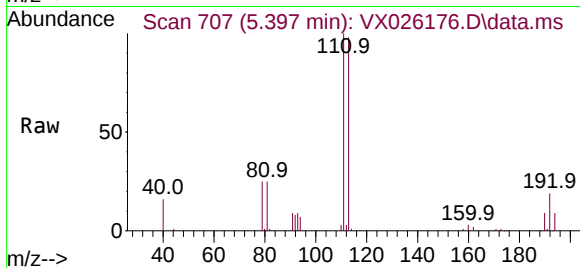
Tgt Ion:113 Resp: 75287

Ion Ratio Lower Upper

113 100

111 103.4 81.8 122.8

192 19.0 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.875 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX026176.D

Acq: 30 Dec 2021 18:20

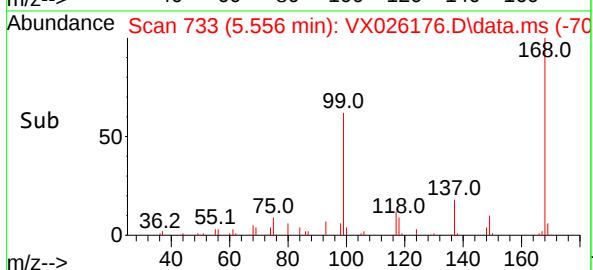
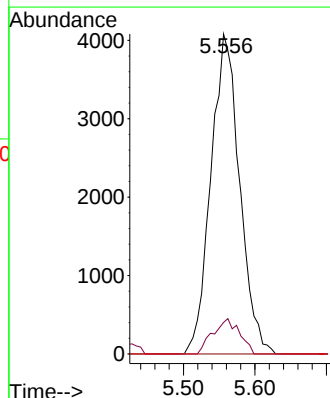
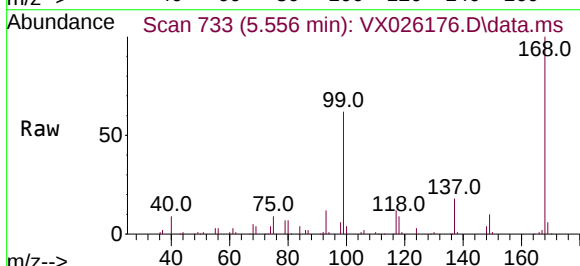
Tgt Ion: 75 Resp: 11391

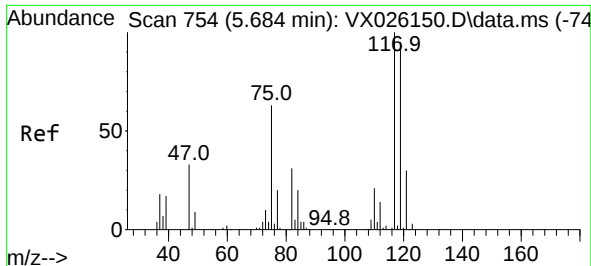
Ion Ratio Lower Upper

75 100

110 10.2 18.2 54.6#

77 0.0 24.7 37.1#

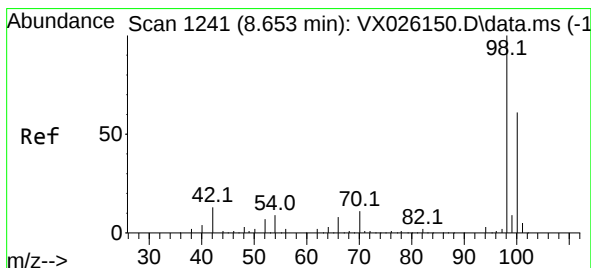
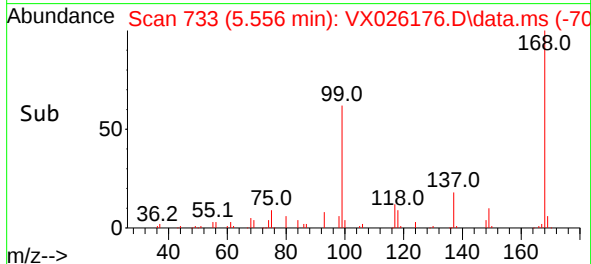
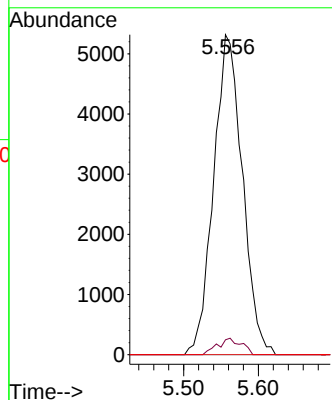
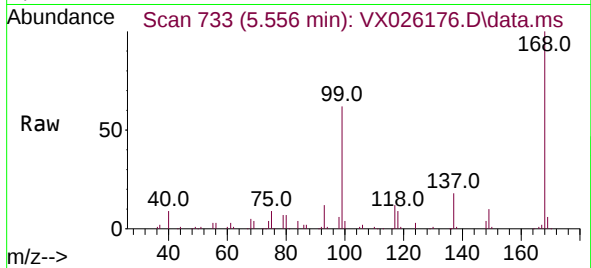




#38
Carbon Tetrachloride
Concen: 5.477 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX026176.D
Acq: 30 Dec 2021 18:20

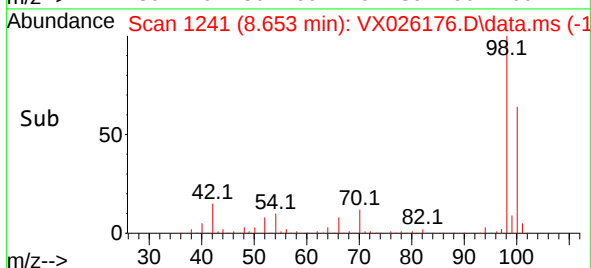
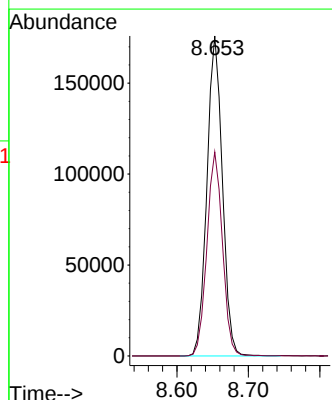
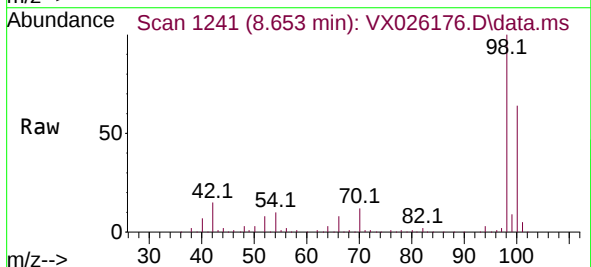
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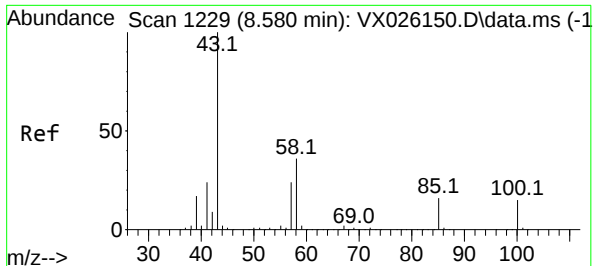
Tgt Ion:117 Resp: 14234
Ion Ratio Lower Upper
117 100
119 4.7 77.2 115.8#
121 0.0 23.8 35.8#



#50
Toluene-d8
Concen: 48.947 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026176.D
Acq: 30 Dec 2021 18:20

Tgt Ion: 98 Resp: 263744
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8

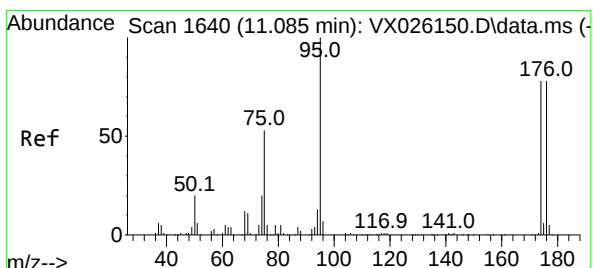
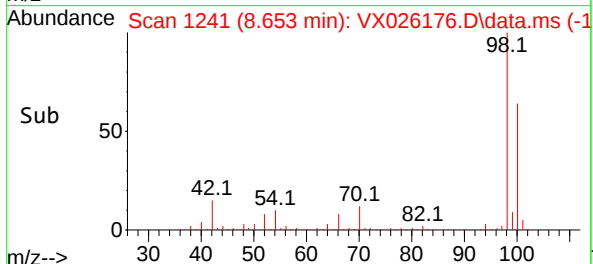
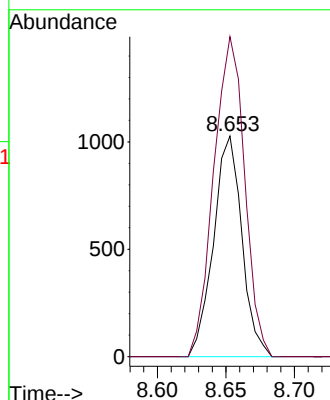
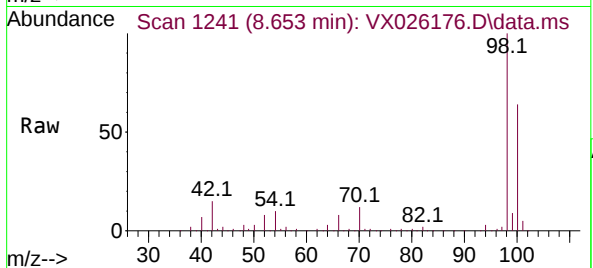




#51
4-Methyl-2-Pentanone
Concen: 0.539 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX026176.D
Acq: 30 Dec 2021 18:20

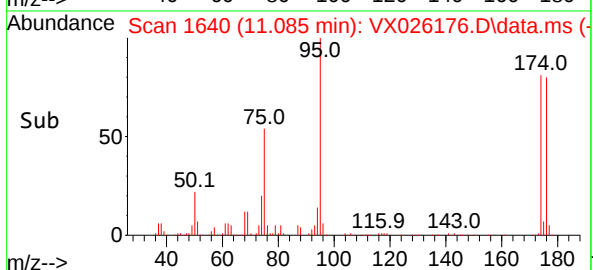
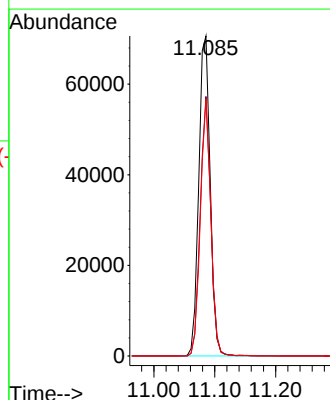
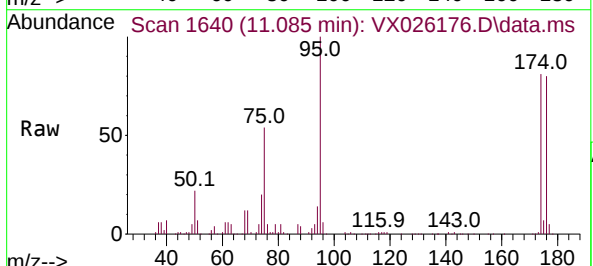
Instrument :
MSVOA_X
ClientSampleId :
TB-121321

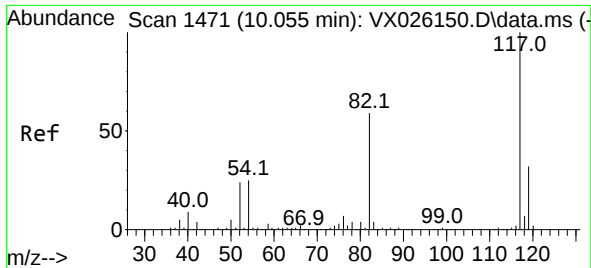
Tgt Ion: 43 Resp: 1480
Ion Ratio Lower Upper
43 100
58 157.8 30.8 46.2#



#62
4-Bromofluorobenzene
Concen: 47.909 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX026176.D
Acq: 30 Dec 2021 18:20

Tgt Ion: 95 Resp: 91899
Ion Ratio Lower Upper
95 100
174 75.1 0.0 157.4
176 73.7 0.0 154.6

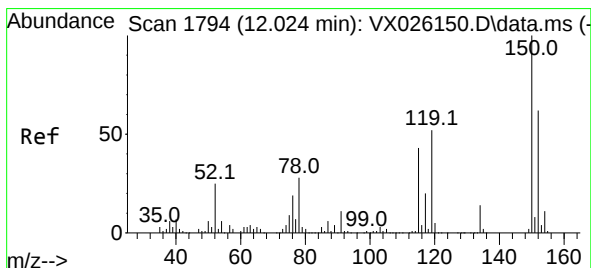
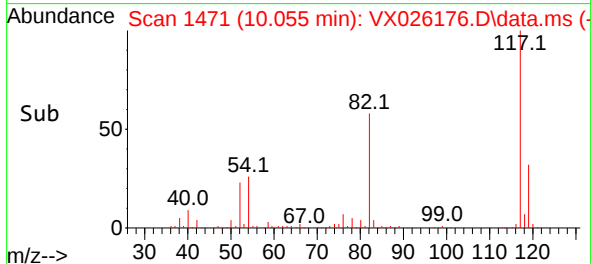
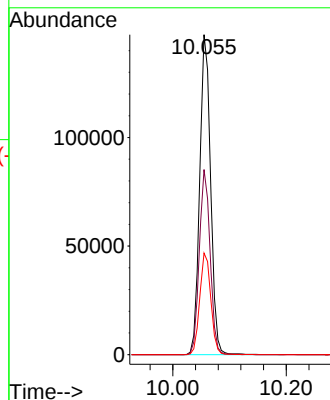
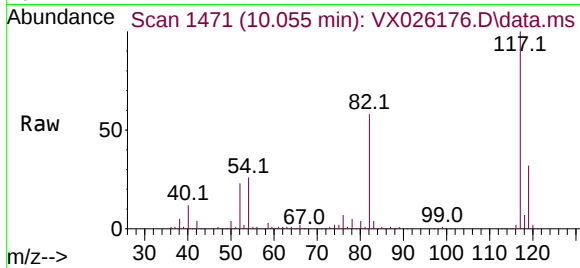




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026176.D
Acq: 30 Dec 2021 18:20

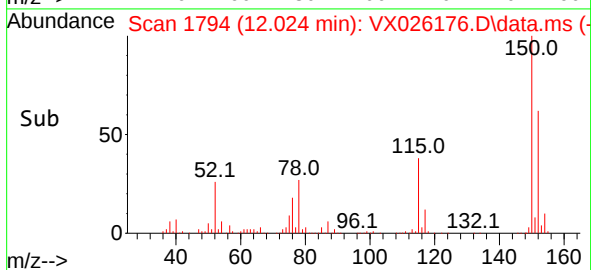
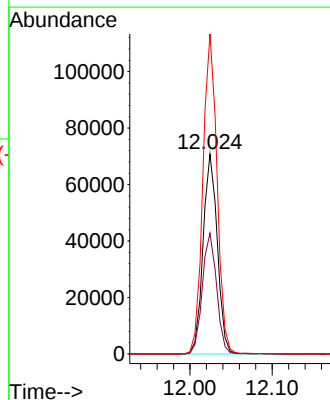
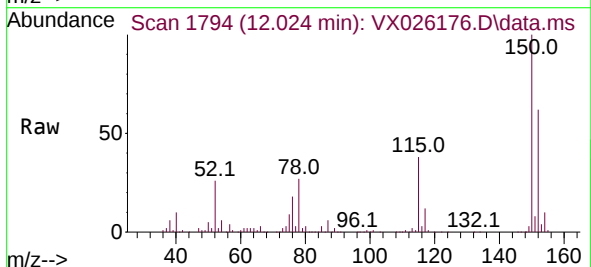
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MSVOA_X
ClientSampleId :
TB-121321

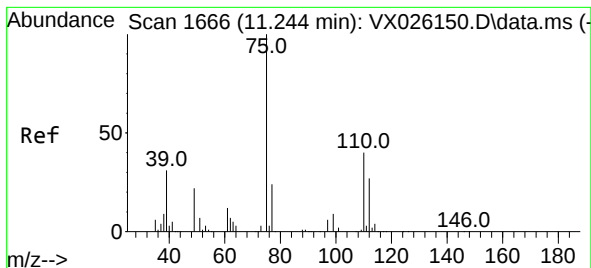
Tgt Ion:117 Resp: 195997
Ion Ratio Lower Upper
117 100
82 57.8 43.8 65.6
119 31.7 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026176.D
Acq: 30 Dec 2021 18:20

Tgt Ion:152 Resp: 85009
Ion Ratio Lower Upper
152 100
115 60.5 41.3 123.9
150 159.1 0.0 351.8





#76

1,2,3-Trichloropropane

Concen: 24.569 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.165 min

Lab File: VX026176.D

Acq: 30 Dec 2021 18:20

Instrument :

MSVOA_X

ClientSampleId :

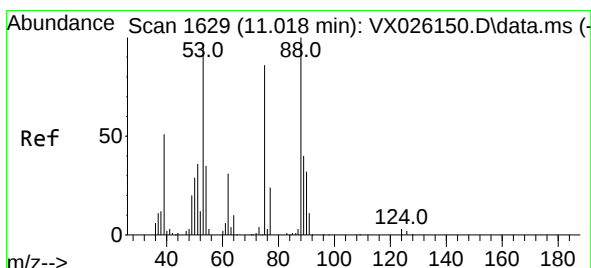
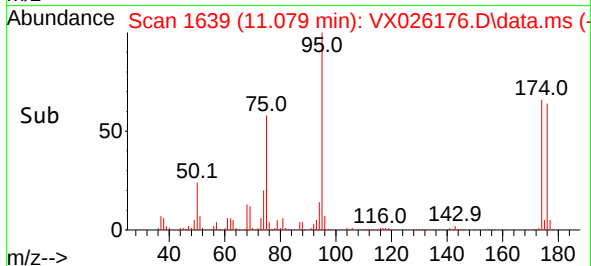
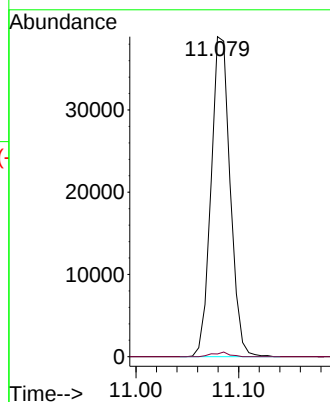
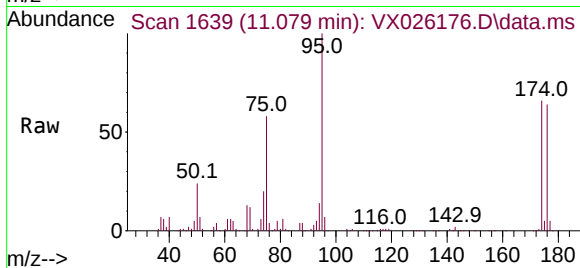
TB-121321

Tgt Ion: 75 Resp: 50413

Ion Ratio Lower Upper

75 100

77 1.2 19.0 57.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 71.078 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX026176.D

Acq: 30 Dec 2021 18:20

Tgt Ion: 75 Resp: 50413

Ion Ratio Lower Upper

75 100

53 0.0 79.5 119.3#

89 0.0 38.3 57.5#

