

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123121\
 Data File : VX026172.D
 Acq On : 30 Dec 2021 16:46
 Operator : JC/MD
 Sample : M5207-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1S-122121

Quant Time: Dec 31 07:09:55 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)

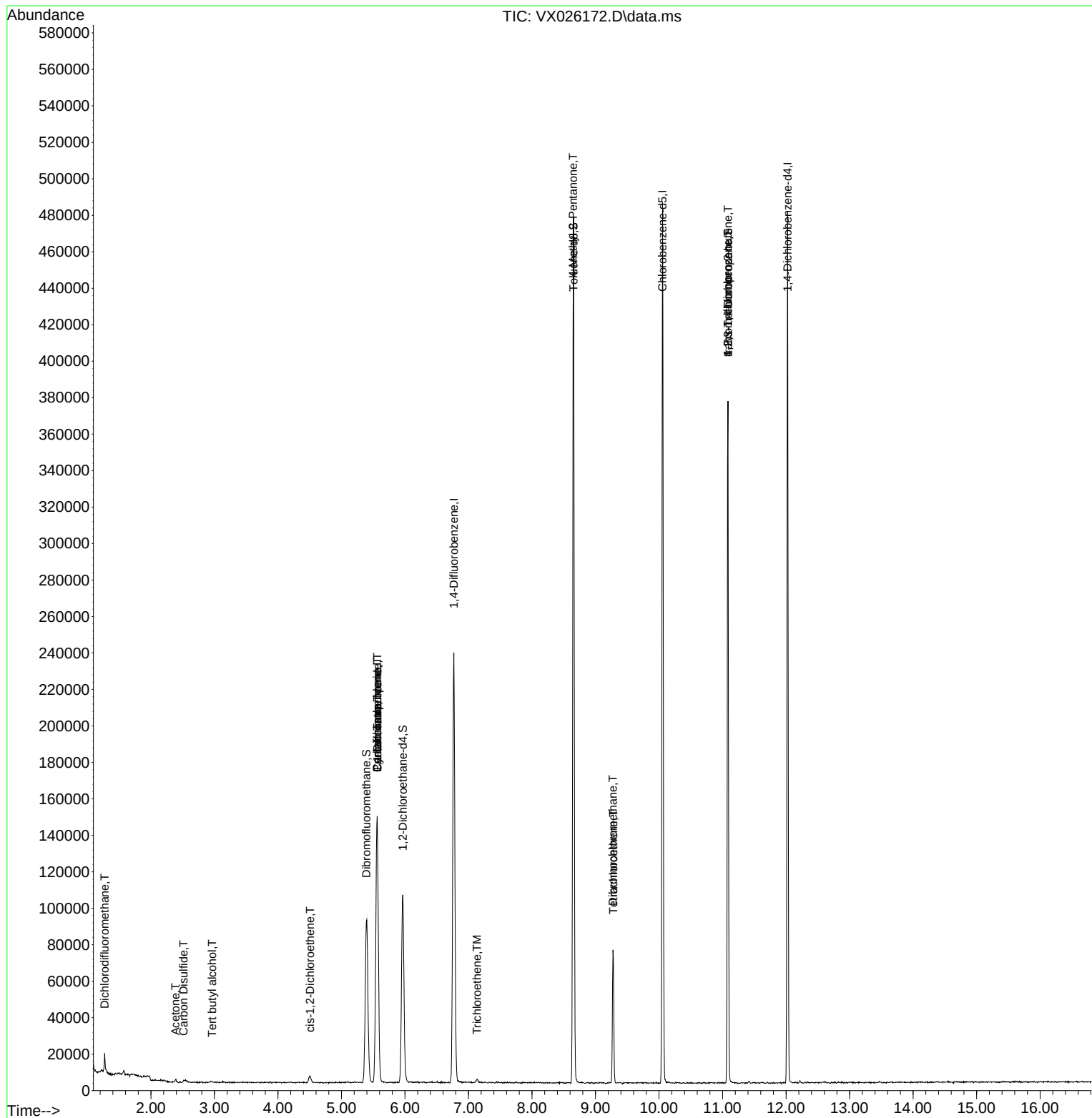
Internal Standards						
1) Pentafluorobenzene	5.562	168	130547	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	224435	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87953	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	99136	52.491	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.980%	
35) Dibromofluoromethane	5.391	113	76226	52.241	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.480%	
50) Toluene-d8	8.653	98	263506	48.551	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.100%	
62) 4-Bromofluorobenzene	11.085	95	91518	47.368	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.740%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.270	85	584	0.426	ug/l	86
11) Tert butyl alcohol	2.965	59	418	1.108	ug/l #	73
16) Acetone	2.386	43	1471	1.438	ug/l #	73
17) Carbon Disulfide	2.514	76	1216	0.293	ug/l	97
20) Methylene Chloride	2.800	84	151	Below Cal	#	81
27) cis-1,2-Dichloroethene	4.507	96	2225	1.240	ug/l	92
31) Cyclohexane	5.562	56	3642	1.354	ug/l #	32
36) 1,1-Dichloropropene	5.562	75	11316	4.808	ug/l #	49
38) Carbon Tetrachloride	5.562	117	14002	5.349	ug/l #	15
44) Trichloroethene	7.135	130	642	0.355	ug/l	77
51) 4-Methyl-2-Pentanone	8.647	43	1460	0.528	ug/l #	1
60) Dibromochloromethane	9.275	129	12199	6.337	ug/l #	11
64) Tetrachloroethene	9.281	164	13056	7.784	ug/l	93
76) 1,2,3-Trichloropropane	11.085	75	52710	24.828	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	52710	71.829	ug/l #	10

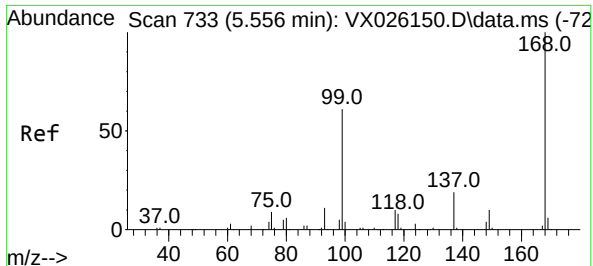
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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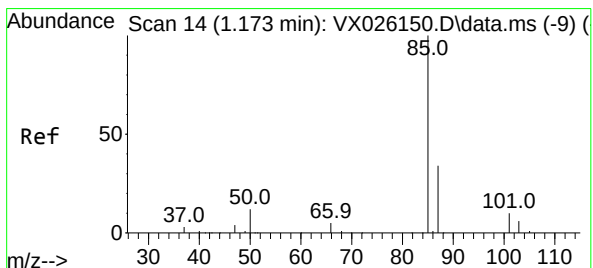
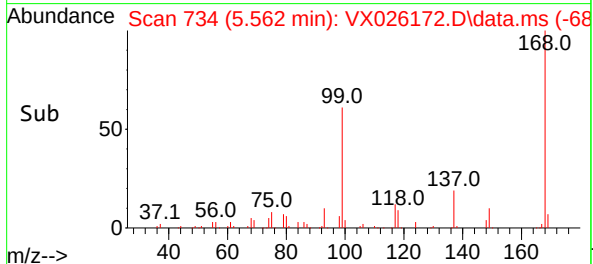
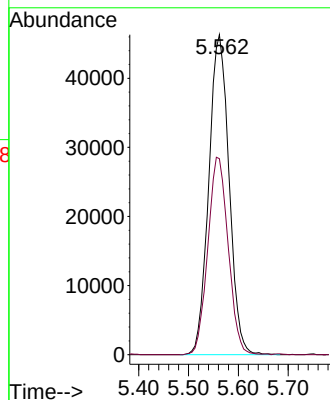
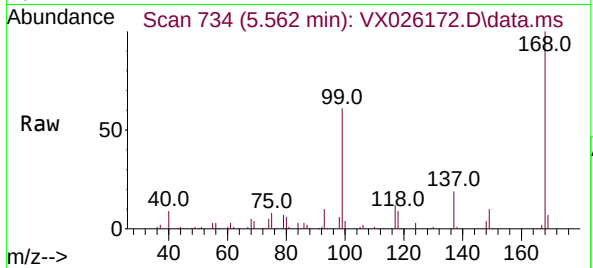




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026172.D
Acq: 30 Dec 2021 16:46

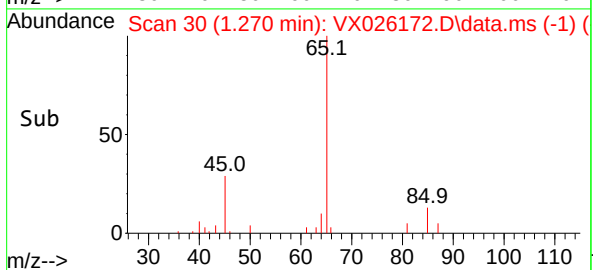
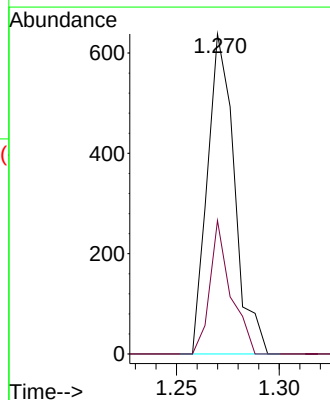
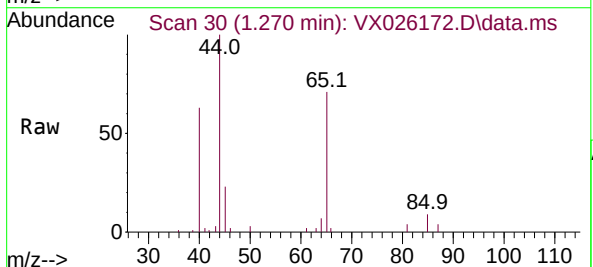
Instrument :
MSVOA_X
ClientSampleId :
MW-1S-122121

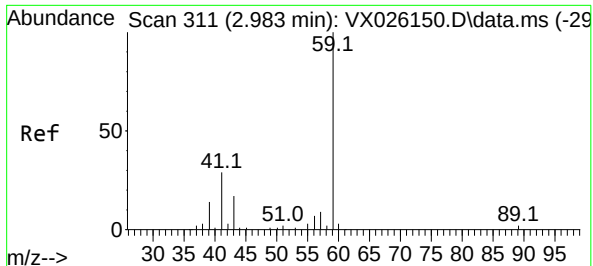
Tgt Ion:168 Resp: 130547
Ion Ratio Lower Upper
168 100
99 61.2 45.8 68.8



#2
Dichlorodifluoromethane
Concen: 0.426 ug/l
RT: 1.270 min Scan# 30
Delta R.T. 0.097 min
Lab File: VX026172.D
Acq: 30 Dec 2021 16:46

Tgt Ion: 85 Resp: 584
Ion Ratio Lower Upper
85 100
87 41.7 17.0 50.9

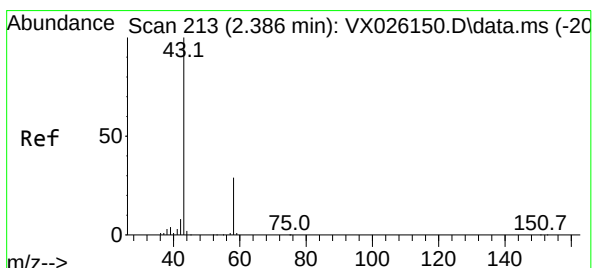
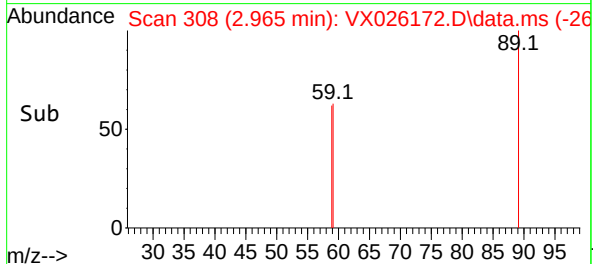
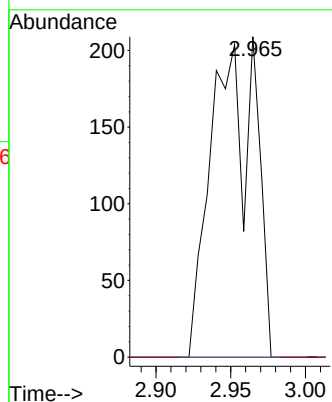
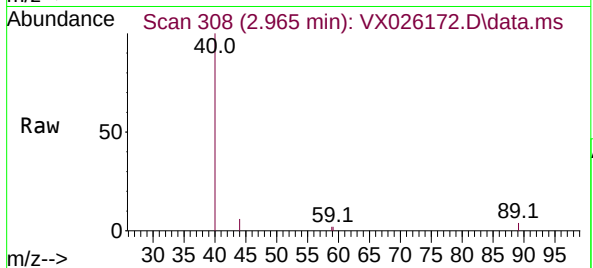




#11
Tert butyl alcohol
Concen: 1.108 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX026172.D
Acq: 30 Dec 2021 16:46

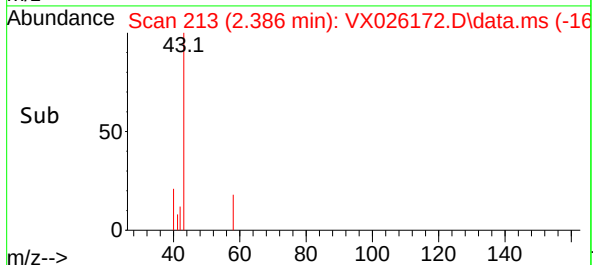
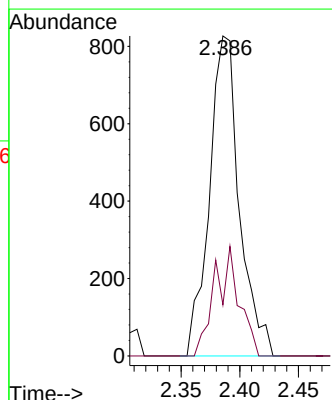
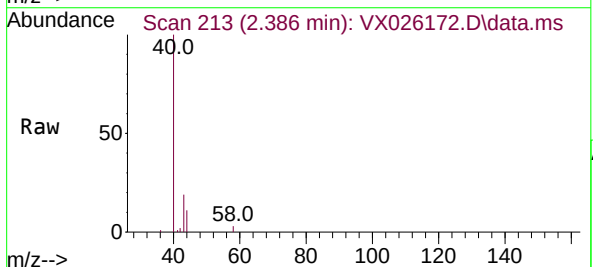
Instrument :
MSVOA_X
ClientSampleId :
MW-1S-122121

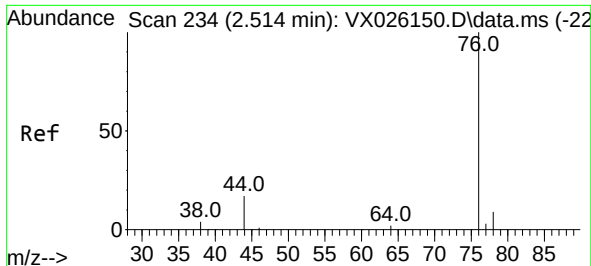
Tgt Ion: 59 Resp: 418
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: 1.438 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX026172.D
Acq: 30 Dec 2021 16:46

Tgt Ion: 43 Resp: 1471
Ion Ratio Lower Upper
43 100
58 16.0 24.8 37.2#





#17

Carbon Disulfide

Concen: 0.293 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX026172.D

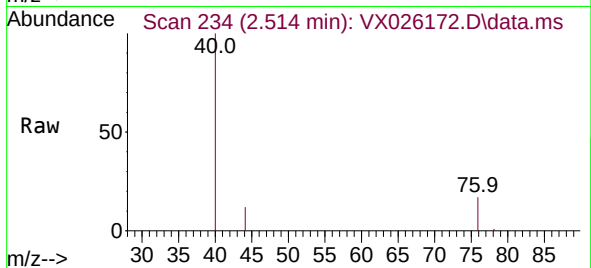
Acq: 30 Dec 2021 16:46

Instrument :

MSVOA_X

ClientSampleId :

MW-1S-122121

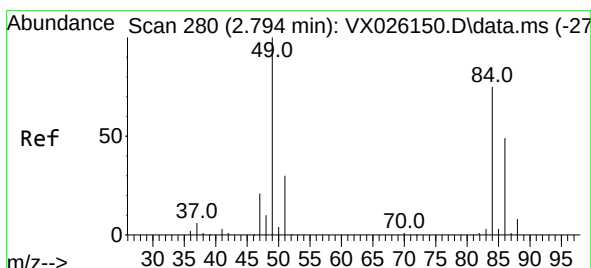
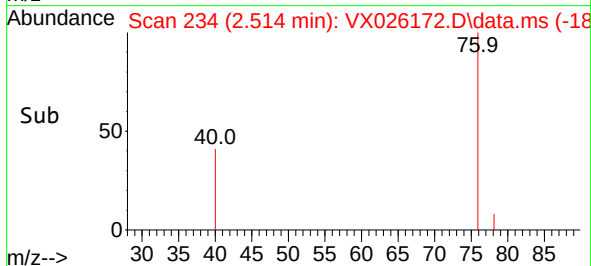
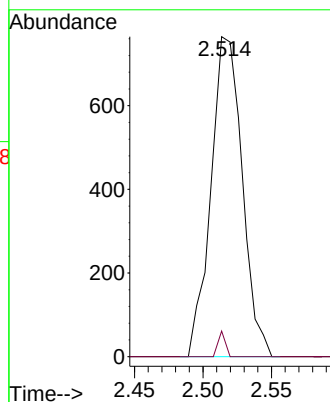


Tgt Ion: 76 Resp: 1216

Ion Ratio Lower Upper

76 100

78 8.0 7.2 10.8



#20

Methylene Chloride

Concen: Below Cal

RT: 2.800 min Scan# 281

Delta R.T. 0.006 min

Lab File: VX026172.D

Acq: 30 Dec 2021 16:46

Tgt Ion: 84 Resp: 151

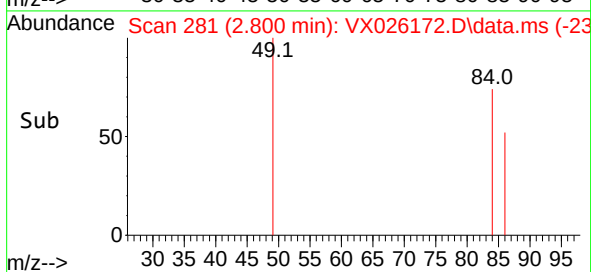
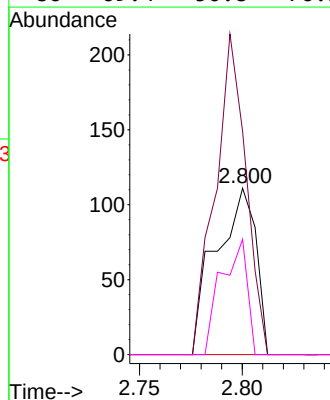
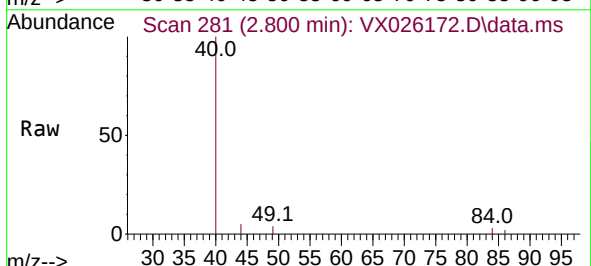
Ion Ratio Lower Upper

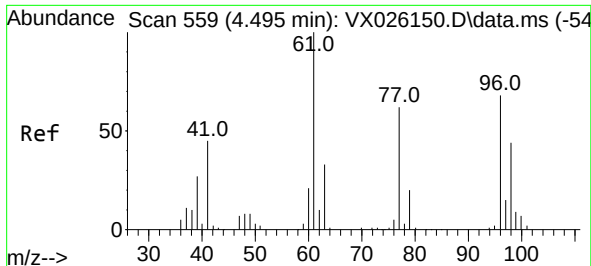
84 100

49 134.2 97.1 145.7

51 0.0 29.3 43.9#

86 69.4 50.8 76.2

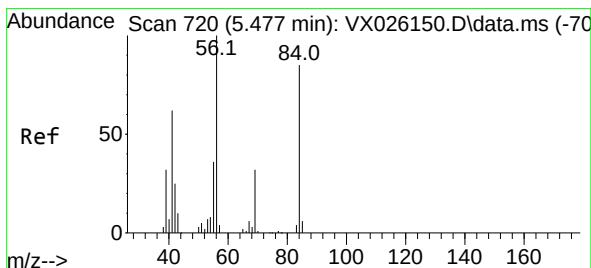
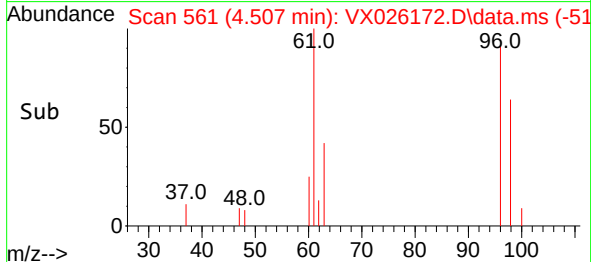
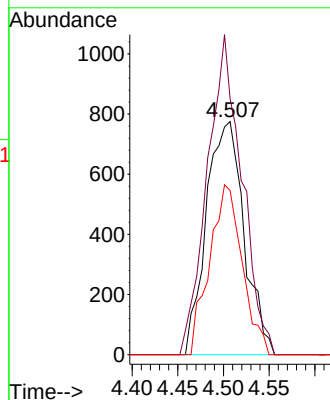
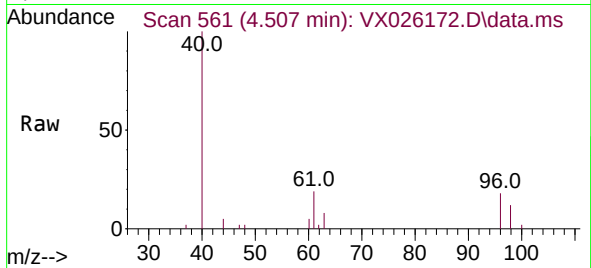




#27
cis-1,2-Dichloroethene
Concen: 1.240 ug/l
RT: 4.507 min Scan# 50
Delta R.T. 0.012 min
Lab File: VX026172.D
Acq: 30 Dec 2021 16:46

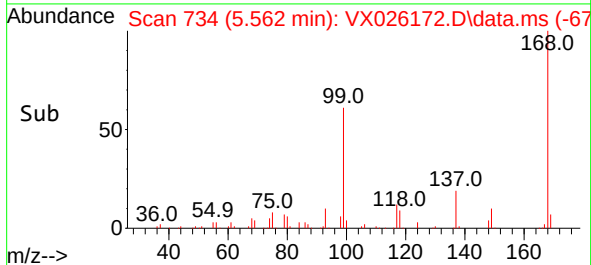
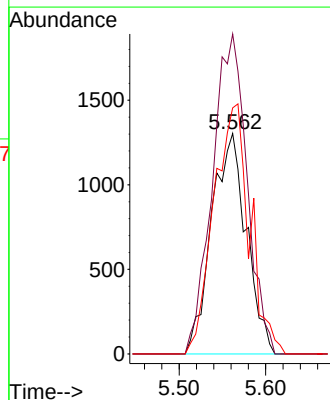
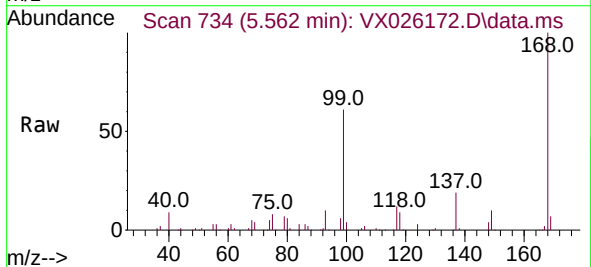
Instrument :
MSVOA_X
ClientSampleId :
MW-1S-122121

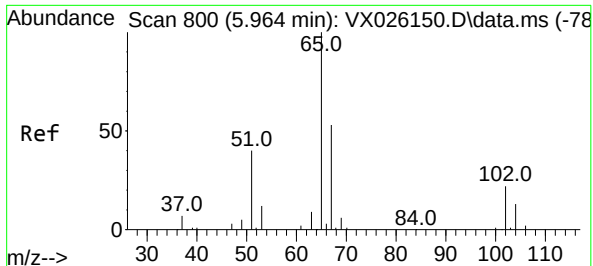
Tgt Ion: 96 Resp: 2225
Ion Ratio Lower Upper
96 100
61 125.6 0.0 276.8
98 63.1 0.0 130.6



#31
Cyclohexane
Concen: 1.354 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX026172.D
Acq: 30 Dec 2021 16:46

Tgt Ion: 56 Resp: 3642
Ion Ratio Lower Upper
56 100
69 145.1 23.9 35.9#
84 111.6 73.2 109.8#





#33

1,2-Dichloroethane-d4

Concen: 52.491 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX026172.D

Acq: 30 Dec 2021 16:46

Instrument :

MSVOA_X

ClientSampleId :

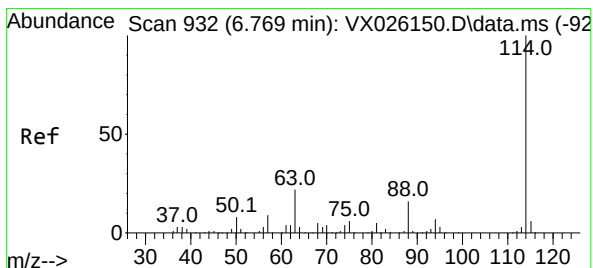
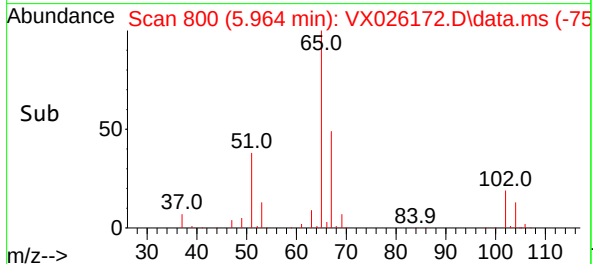
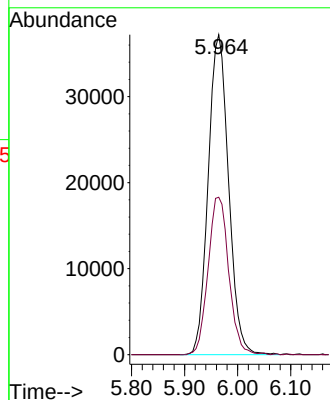
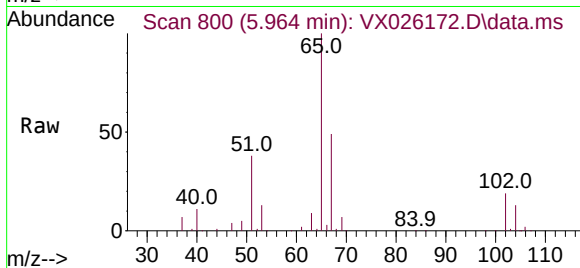
MW-1S-122121

Tgt Ion: 65 Resp: 99136

Ion Ratio Lower Upper

65 100

67 49.9 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: VX026172.D

Acq: 30 Dec 2021 16:46

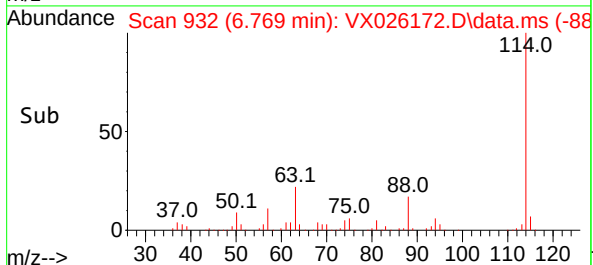
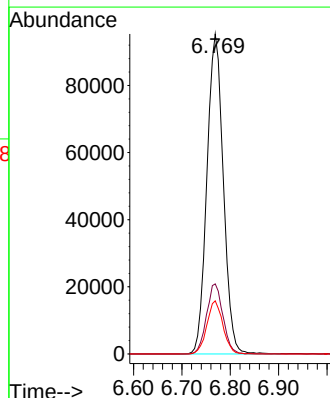
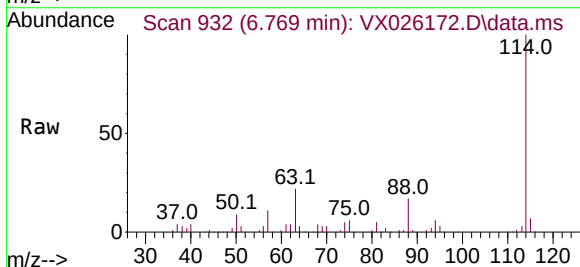
Tgt Ion: 114 Resp: 224435

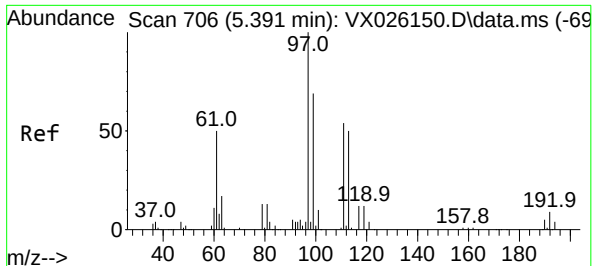
Ion Ratio Lower Upper

114 100

63 21.9 0.0 40.0

88 16.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.241 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX026172.D

Acq: 30 Dec 2021 16:46

Instrument :

MSVOA_X

ClientSampleId :

MW-1S-122121

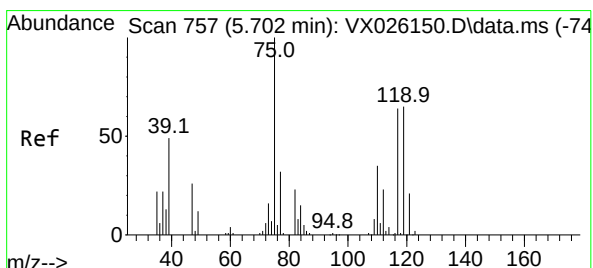
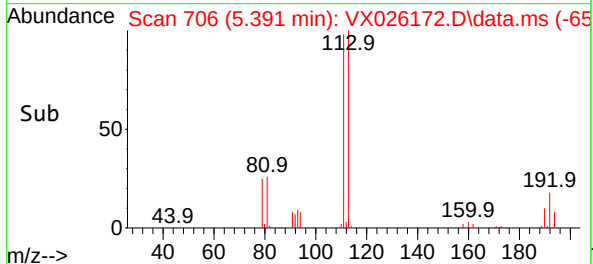
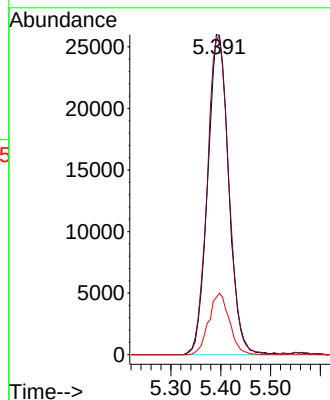
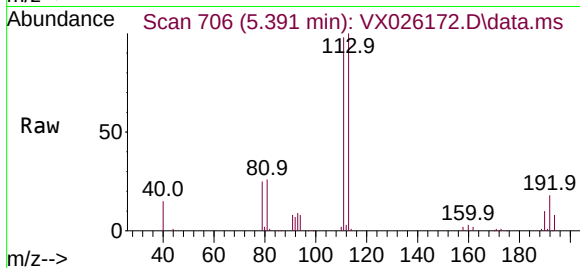
Tgt Ion:113 Resp: 76226

Ion Ratio Lower Upper

113 100

111 101.7 81.8 122.8

192 18.8 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.808 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX026172.D

Acq: 30 Dec 2021 16:46

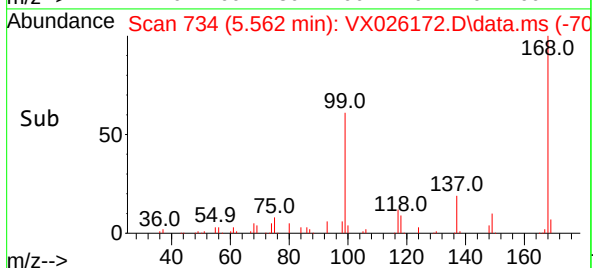
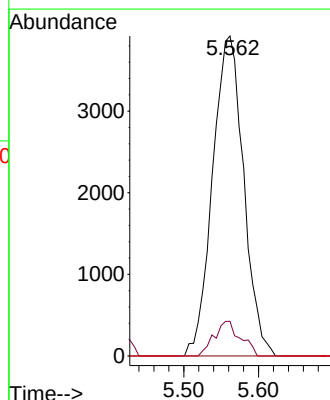
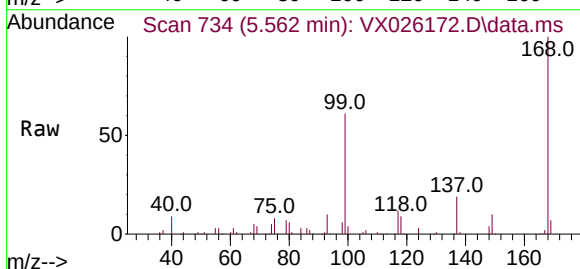
Tgt Ion: 75 Resp: 11316

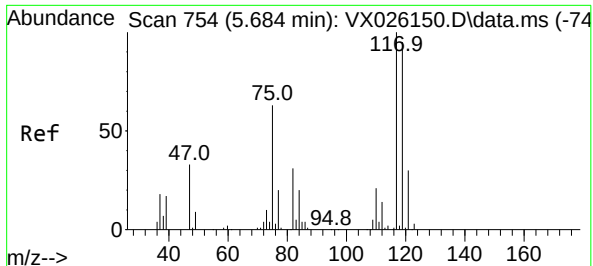
Ion Ratio Lower Upper

75 100

110 9.2 18.2 54.6#

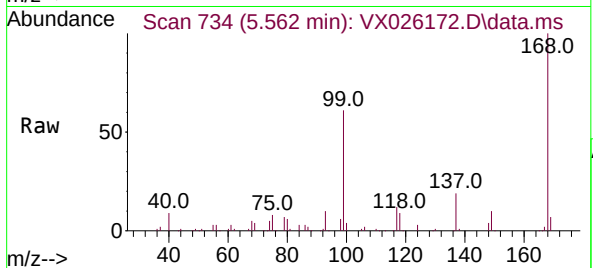
77 0.0 24.7 37.1#



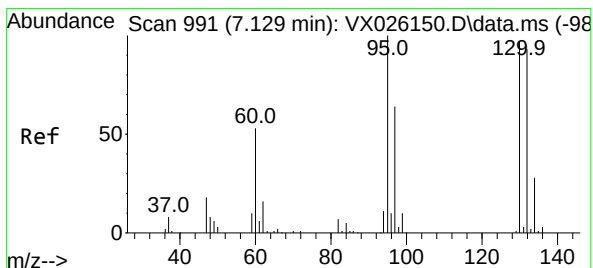
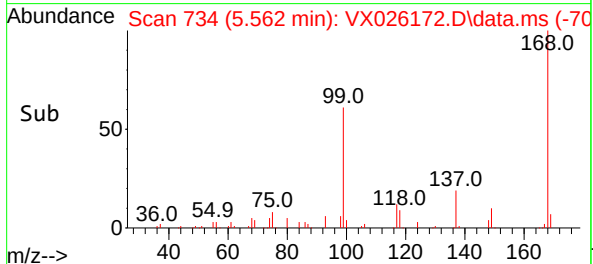
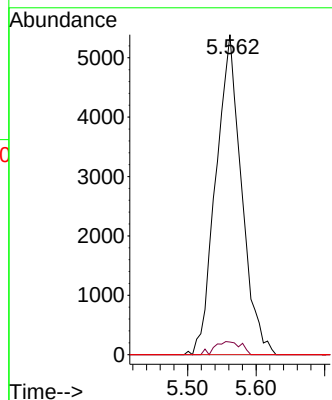


#38
Carbon Tetrachloride
Concen: 5.349 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX026172.D
Acq: 30 Dec 2021 16:46

Instrument :
MSVOA_X
ClientSampleId :
MW-1S-122121

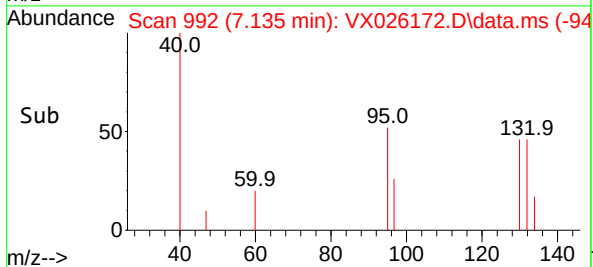
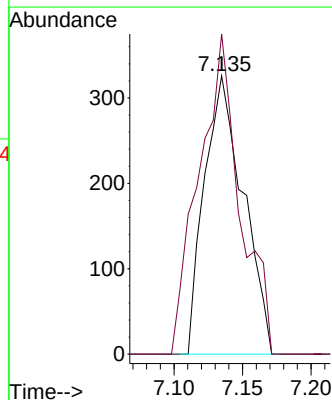
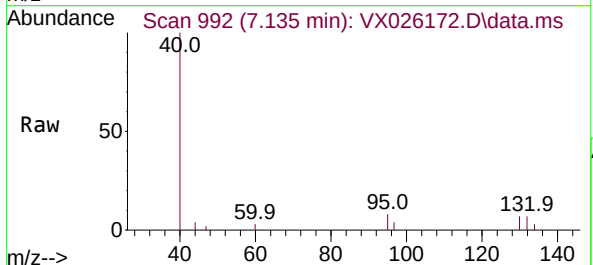


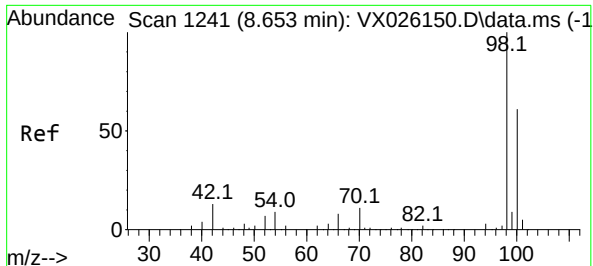
Tgt Ion:117 Resp: 14002
Ion Ratio Lower Upper
117 100
119 3.9 77.2 115.8#
121 0.0 23.8 35.8#



#44
Trichloroethene
Concen: 0.355 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX026172.D
Acq: 30 Dec 2021 16:46

Tgt Ion:130 Resp: 642
Ion Ratio Lower Upper
130 100
95 115.0 0.0 186.4





#50

Toluene-d8

Concen: 48.551 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX026172.D

Acq: 30 Dec 2021 16:46

Instrument :

MSVOA_X

ClientSampleId :

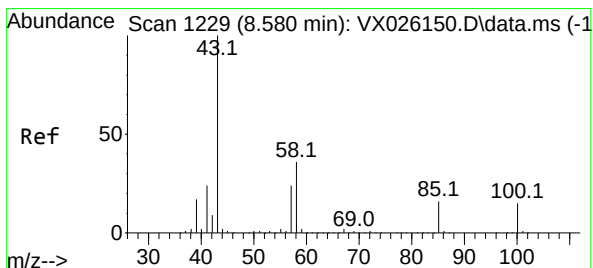
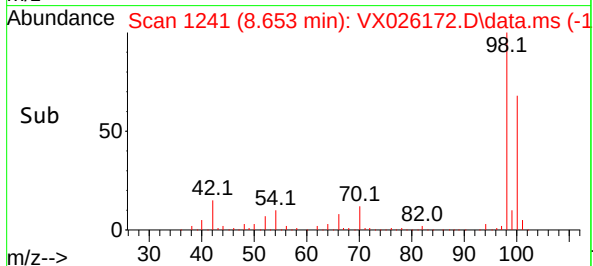
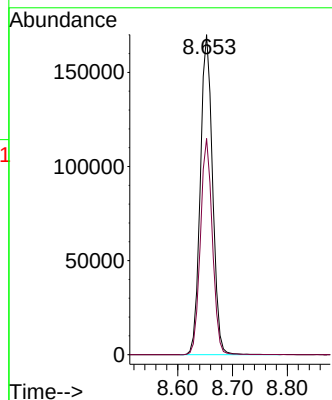
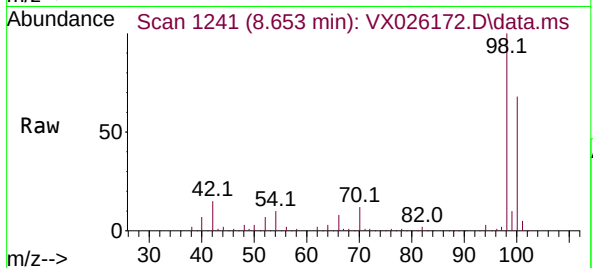
MW-1S-122121

Tgt Ion: 98 Resp: 263506

Ion Ratio Lower Upper

98 100

100 66.0 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 0.528 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.067 min

Lab File: VX026172.D

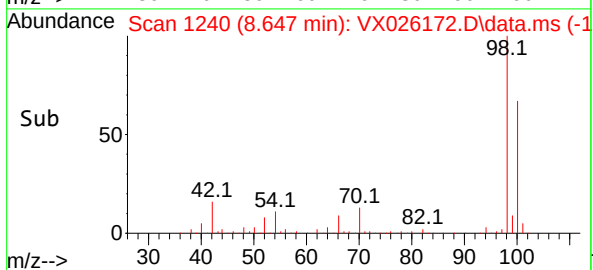
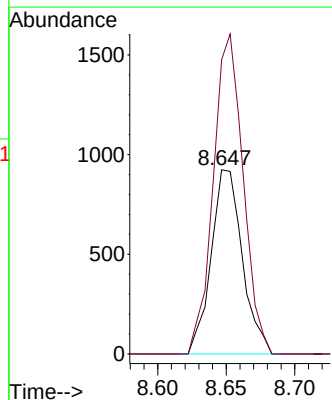
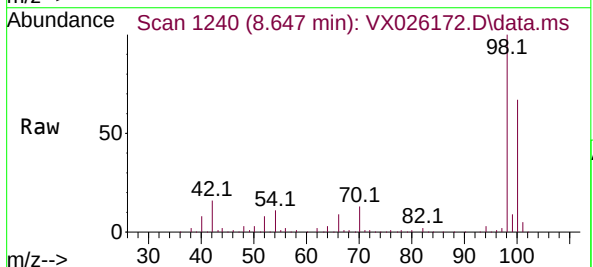
Acq: 30 Dec 2021 16:46

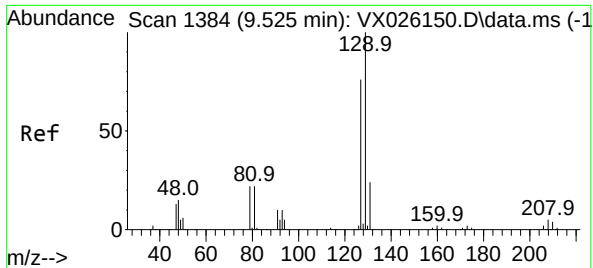
Tgt Ion: 43 Resp: 1460

Ion Ratio Lower Upper

43 100

58 166.7 30.8 46.2#

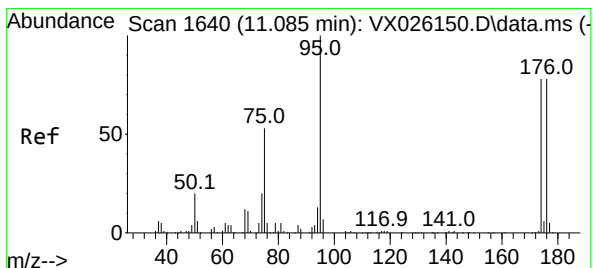
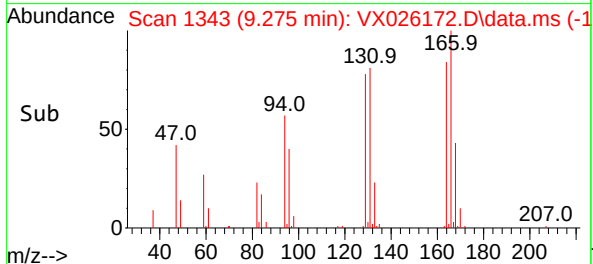
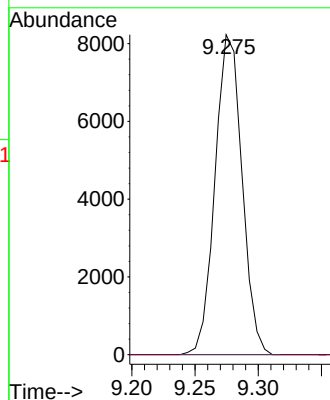
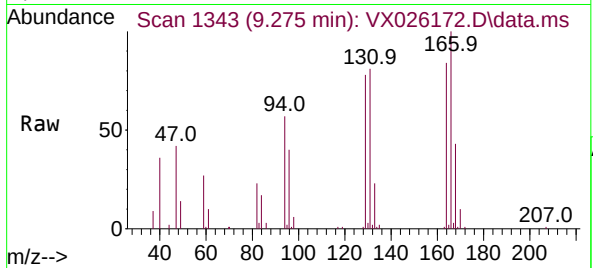




#60
Dibromochloromethane
Concen: 6.337 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX026172.D
Acq: 30 Dec 2021 16:46

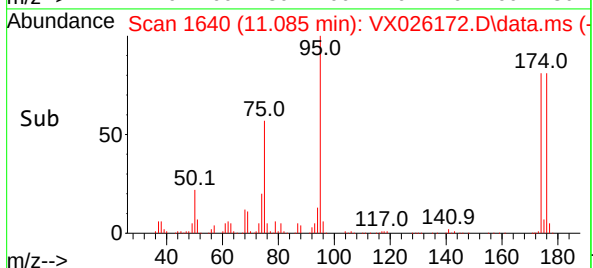
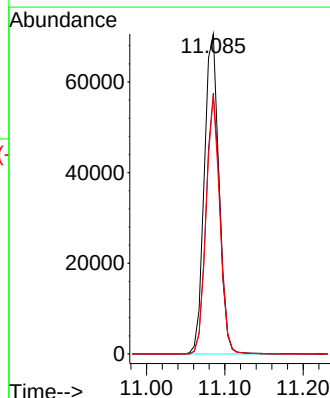
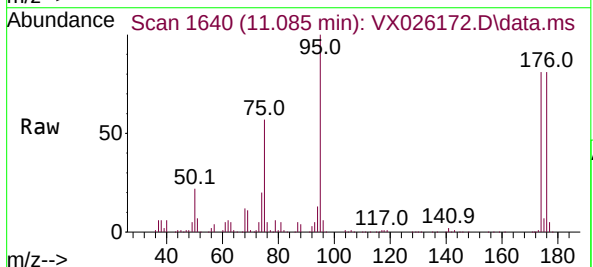
Instrument :
MSVOA_X
ClientSampleId :
MW-1S-122121

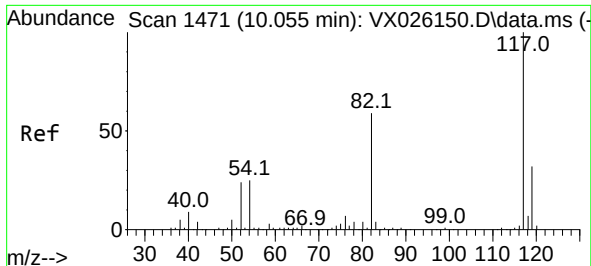
Tgt Ion:129 Resp: 12199
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.7#



#62
4-Bromofluorobenzene
Concen: 47.368 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX026172.D
Acq: 30 Dec 2021 16:46

Tgt Ion: 95 Resp: 91518
Ion Ratio Lower Upper
95 100
174 78.2 0.0 157.4
176 75.1 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: VX026172.D

Acq: 30 Dec 2021 16:46

Instrument :

MSVOA_X

ClientSampleId :

MW-1S-122121

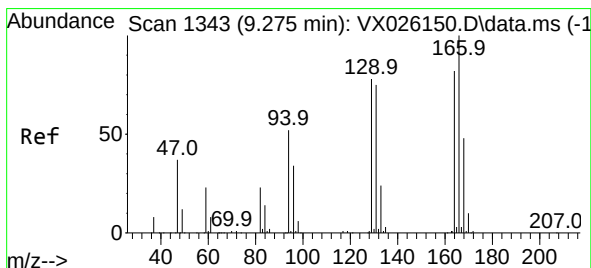
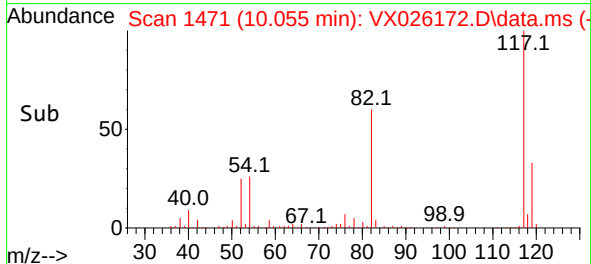
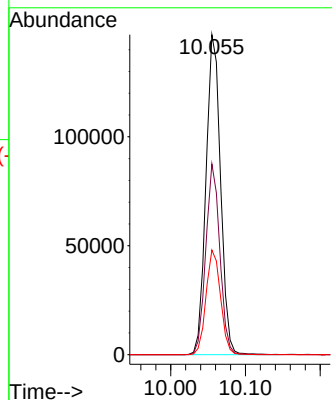
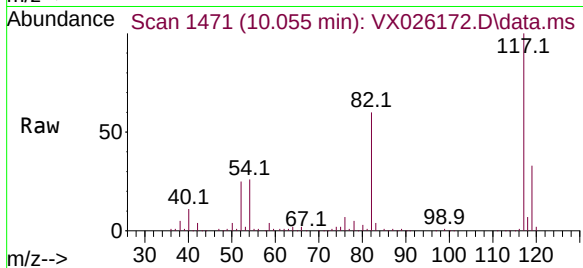
Tgt Ion:117 Resp: 198748

Ion Ratio Lower Upper

117 100

82 59.7 43.8 65.6

119 32.7 25.2 37.8



#64

Tetrachloroethene

Concen: 7.784 ug/l

RT: 9.281 min Scan# 1344

Delta R.T. 0.006 min

Lab File: VX026172.D

Acq: 30 Dec 2021 16:46

Tgt Ion:164 Resp: 13056

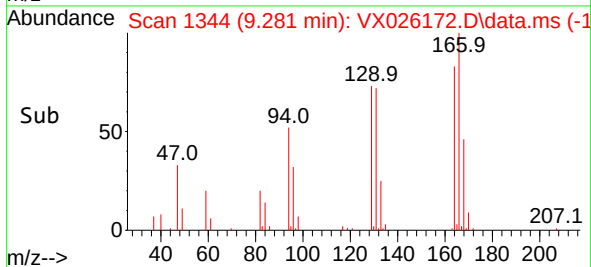
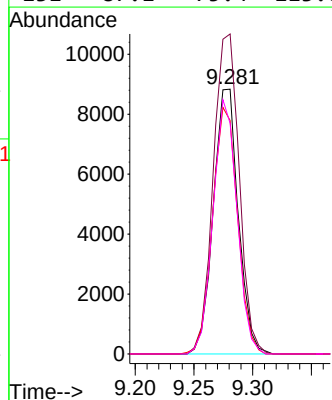
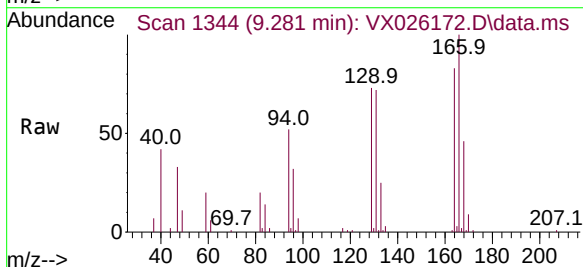
Ion Ratio Lower Upper

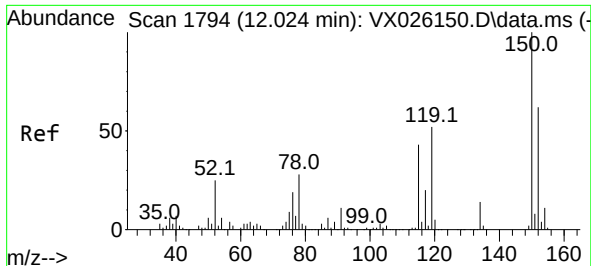
164 100

166 120.9 99.4 149.0

129 88.2 78.6 118.0

131 87.1 75.4 113.0

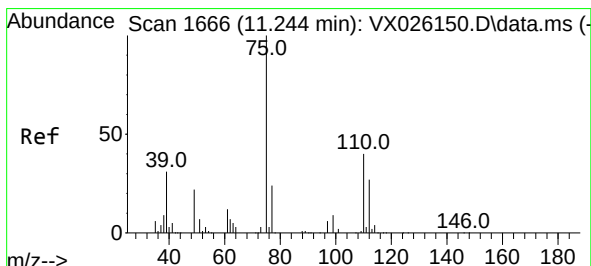
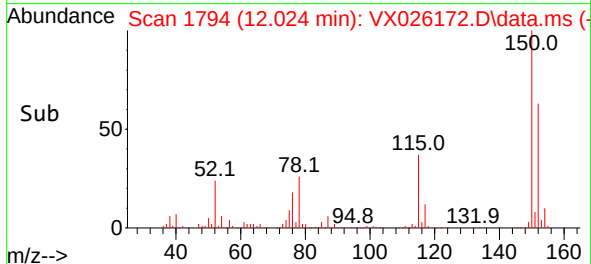
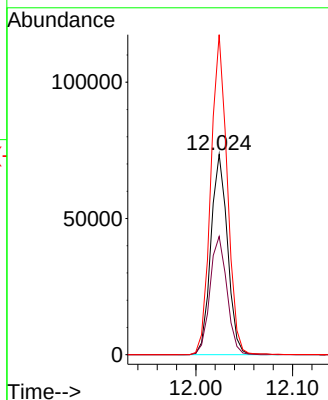
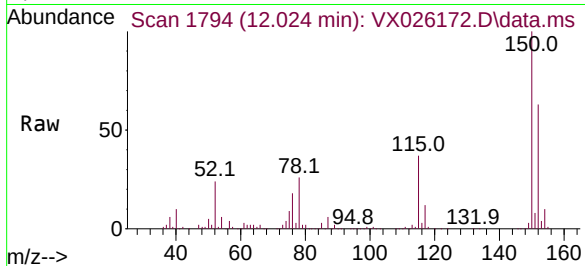




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026172.D
 Acq: 30 Dec 2021 16:46

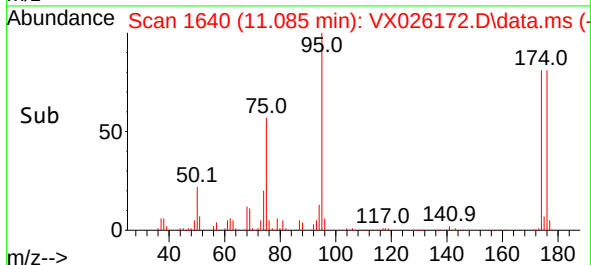
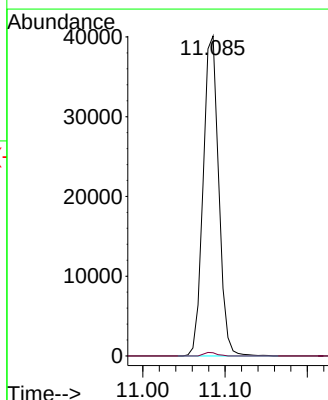
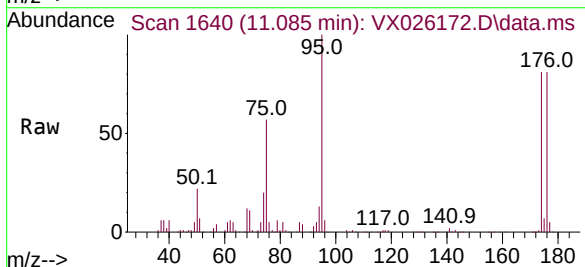
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1S-122121

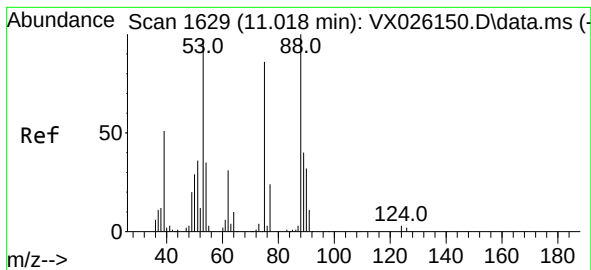
Tgt Ion:152 Resp: 87953
 Ion Ratio Lower Upper
 152 100
 115 60.2 41.3 123.9
 150 157.4 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 24.828 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX026172.D
 Acq: 30 Dec 2021 16:46

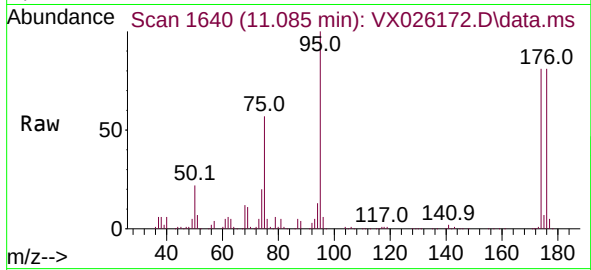
Tgt Ion: 75 Resp: 52710
 Ion Ratio Lower Upper
 75 100
 77 0.9 19.0 57.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.829 ug/l
 RT: 11.085 min Scan# 10
 Delta R.T. 0.067 min
 Lab File: VX026172.D
 Acq: 30 Dec 2021 16:46

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1S-122121



Tgt Ion: 75 Resp: 52710
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.5 119.3#
 89 0.1 38.3 57.5#

