

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100521\
 Data File : VX024578.D
 Acq On : 05 Oct 2021 18:00
 Operator : JC/MD
 Sample : M4047-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Quant Time: Oct 06 06:50:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

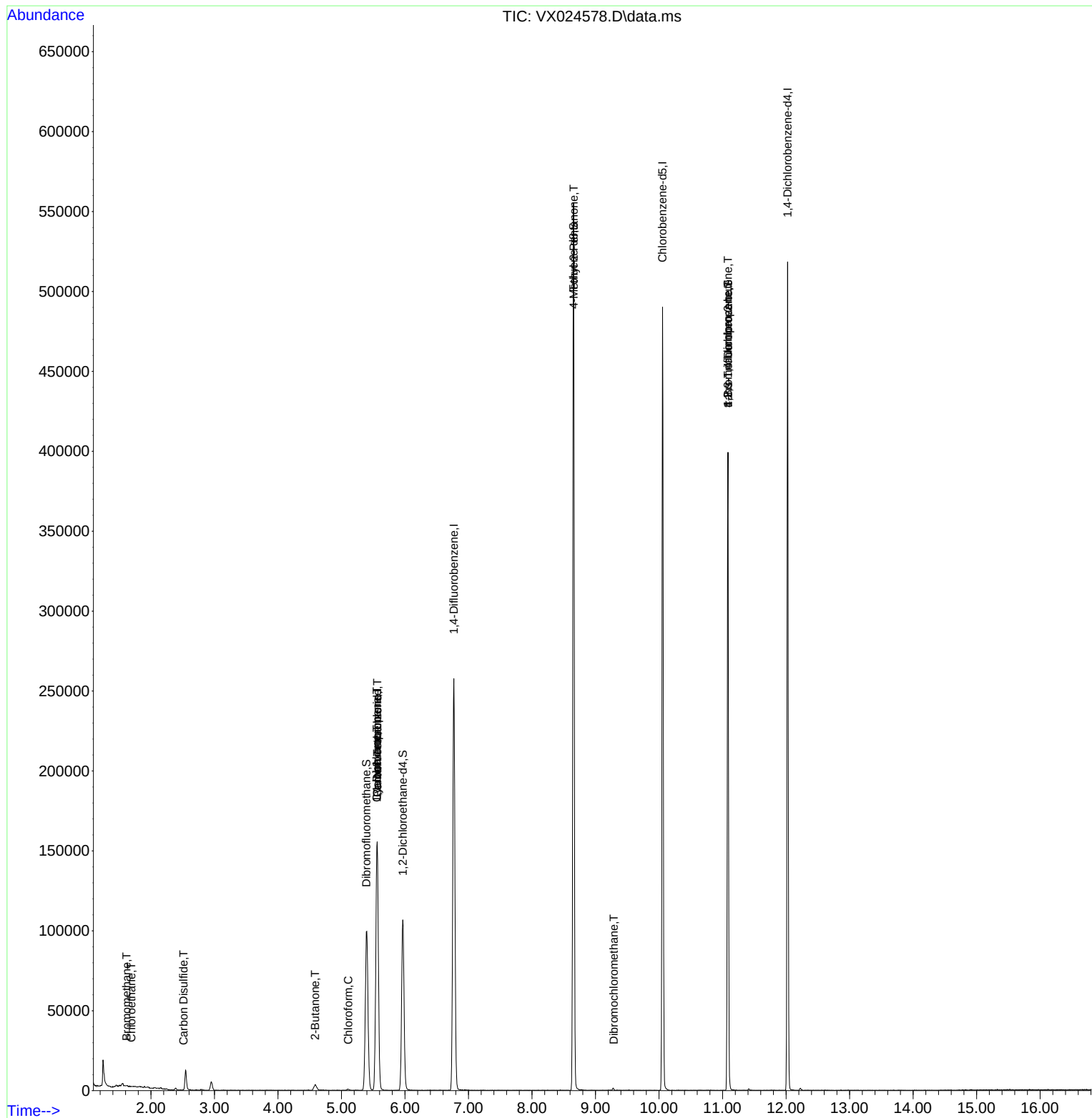
Internal Standards						
1) Pentafluorobenzene	5.562	168	147758	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	260249	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	212175	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102204	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	107248	51.500	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.000%			
35) Dibromofluoromethane	5.391	113	87830	50.801	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.600%			
50) Toluene-d8	8.653	98	323656	50.863	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.720%			
62) 4-Bromofluorobenzene	11.085	95	102484	40.962	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 81.920%#			
Target Compounds					Qvalue	
5) Bromomethane	1.618	94	247	0.250	ug/l #	64
6) Chloroethane	1.691	64	298	0.562	ug/l #	43
11) Tert butyl alcohol	2.953	59	3350	Below Cal	#	73
16) Acetone	2.392	43	1350	Below Cal		94
17) Carbon Disulfide	2.514	76	214	0.289	ug/l #	75
20) Methylene Chloride	2.800	84	241	Below Cal	#	62
25) 2-Butanone	4.587	43	375	0.261	ug/l #	45
30) Chloroform	5.105	83	952	0.307	ug/l	85
31) Cyclohexane	5.556	56	2971	1.191	ug/l #	28
36) 1,1-Dichloropropene	5.556	75	11203	4.490	ug/l #	50
38) Carbon Tetrachloride	5.562	117	15144	5.576	ug/l #	15
51) 4-Methyl-2-Pentanone	8.659	43	1449	0.463	ug/l #	1
60) Dibromochloromethane	9.287	129	224	1.288	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	55883	24.077	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	55883	65.729	ug/l #	12

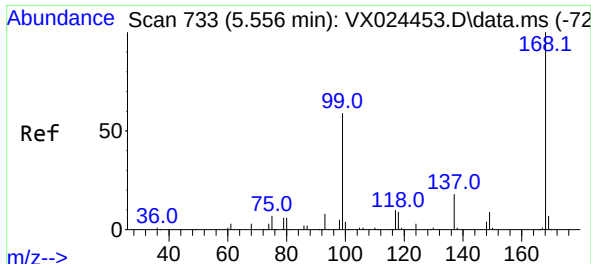
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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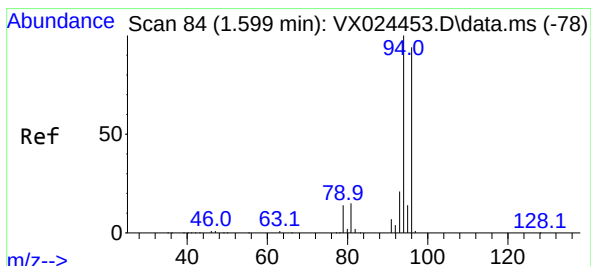
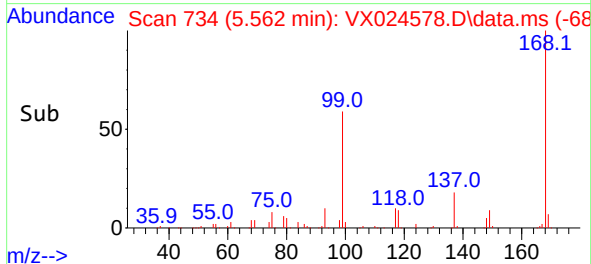
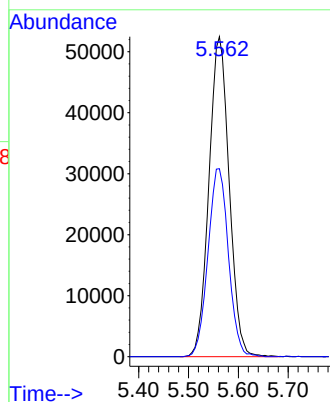
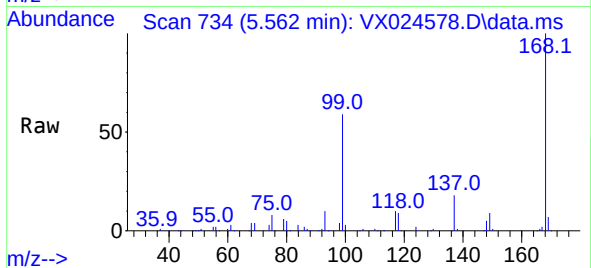




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024578.D
Acq: 05 Oct 2021 18:00

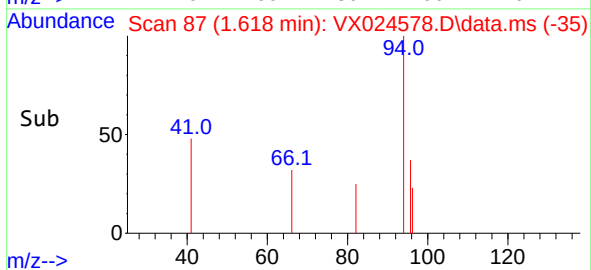
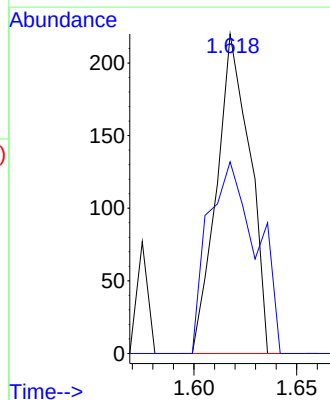
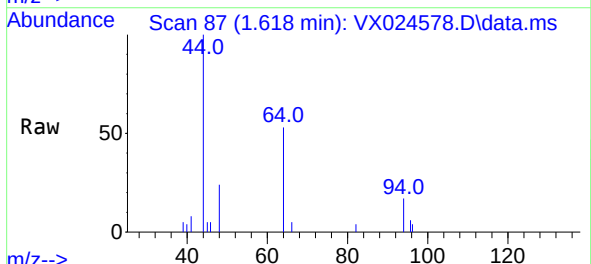
Instrument :
MSVOA_X
ClientSampled :
MW-1

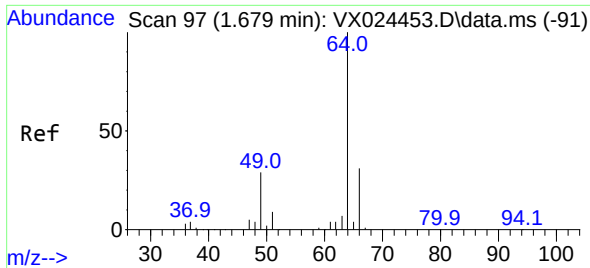
Tgt Ion:168 Resp: 147758
Ion Ratio Lower Upper
168 100
99 58.7 45.8 68.6



#5
Bromomethane
Concen: 0.250 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX024578.D
Acq: 05 Oct 2021 18:00

Tgt Ion: 94 Resp: 247
Ion Ratio Lower Upper
94 100
96 60.0 76.4 114.6#

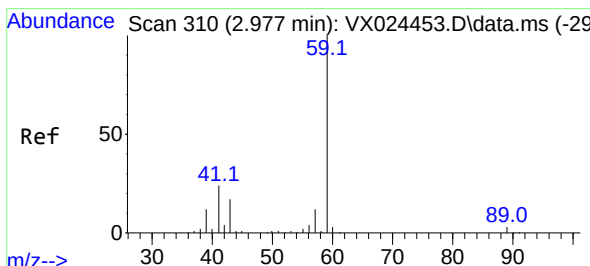
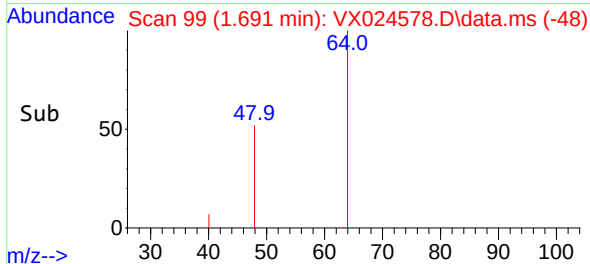
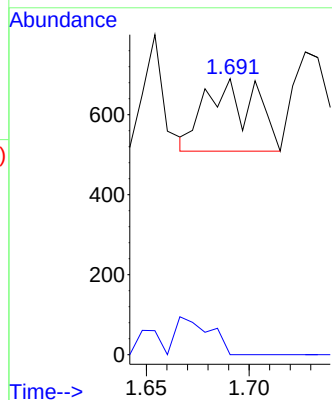
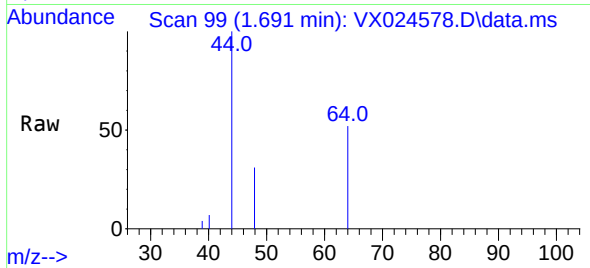




#6
Chloroethane
Concen: 0.562 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX024578.D
Acq: 05 Oct 2021 18:00

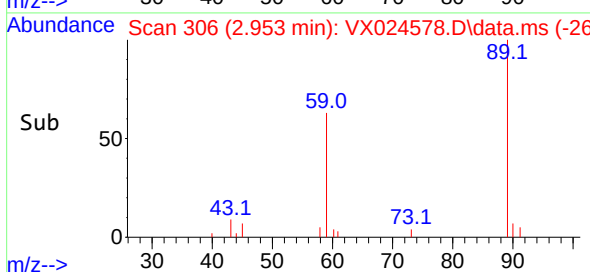
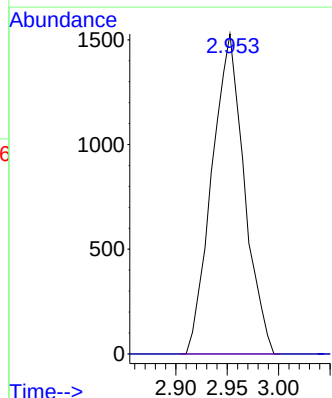
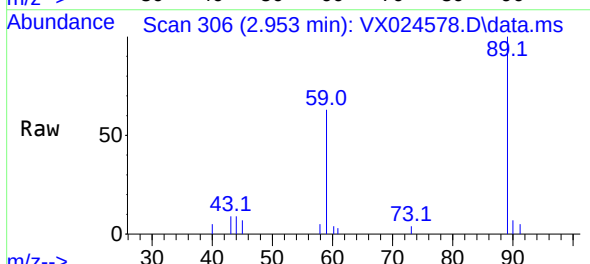
Instrument :
MSVOA_X
ClientSampled :
MW-1

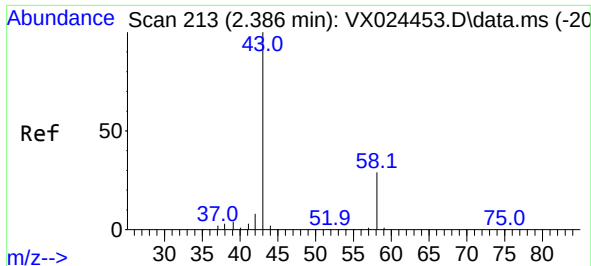
Tgt Ion: 64 Resp: 298
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX024578.D
Acq: 05 Oct 2021 18:00

Tgt Ion: 59 Resp: 3350
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

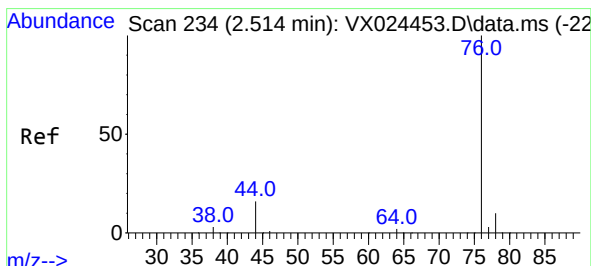
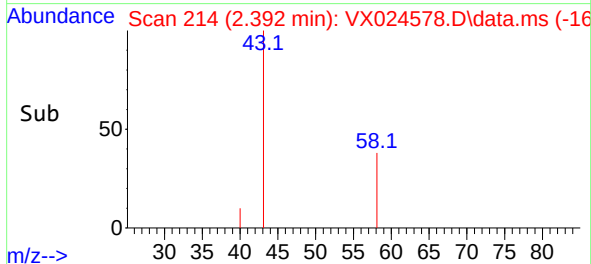
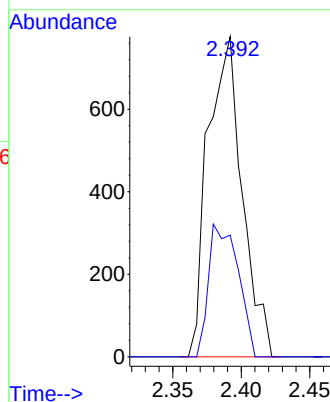
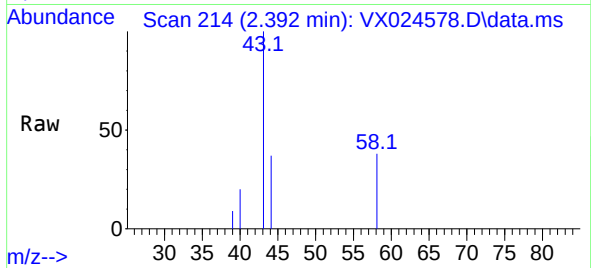




#16
Acetone
Concen: Below Cal
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX024578.D
Acq: 05 Oct 2021 18:00

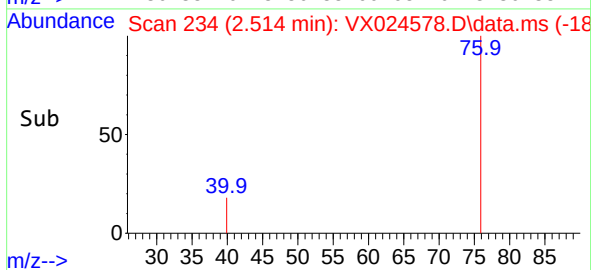
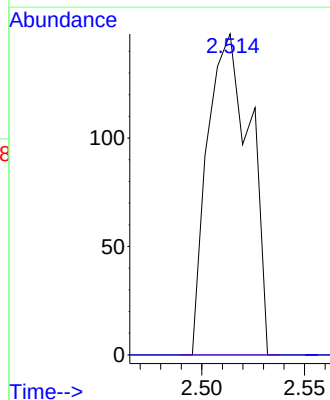
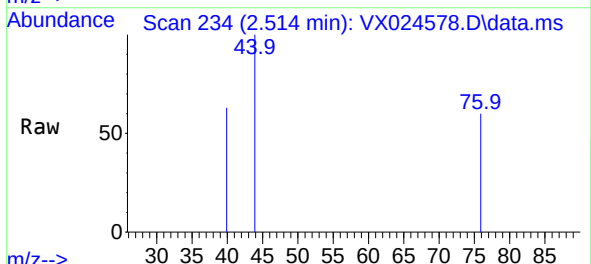
Instrument :
MSVOA_X
ClientSampled :
MW-1

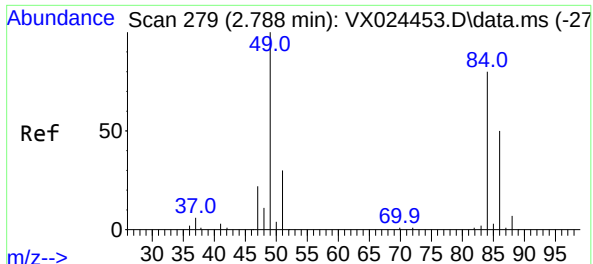
Tgt Ion: 43 Resp: 1350
Ion Ratio Lower Upper
43 100
58 38.0 27.8 41.8



#17
Carbon Disulfide
Concen: 0.289 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024578.D
Acq: 05 Oct 2021 18:00

Tgt Ion: 76 Resp: 214
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.800 min Scan# 281

Delta R.T. 0.012 min

Lab File: VX024578.D

Acq: 05 Oct 2021 18:00

Instrument :

MSVOA_X

ClientSampled :

MW-1

Tgt Ion: 84 Resp: 241

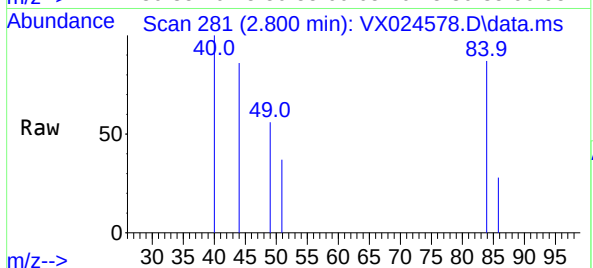
Ion Ratio Lower Upper

84 100

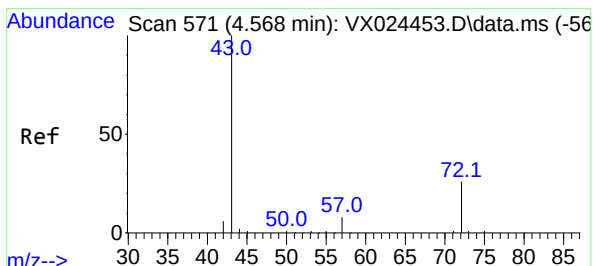
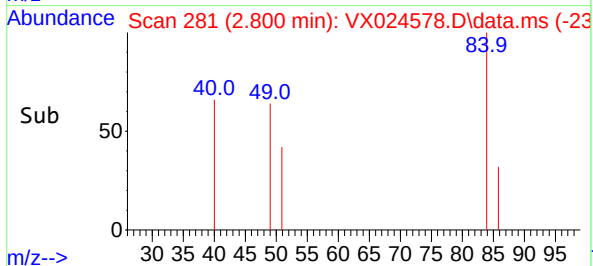
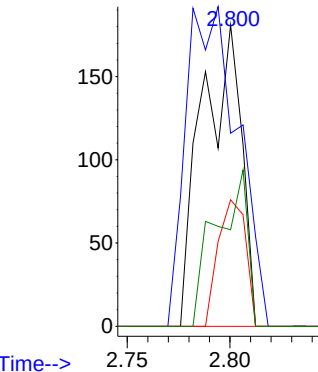
49 64.1 88.6 132.8#

51 42.0 27.0 40.6#

86 32.0 50.3 75.5#



Abundance



#25

2-Butanone

Concen: 0.261 ug/l

RT: 4.587 min Scan# 574

Delta R.T. 0.019 min

Lab File: VX024578.D

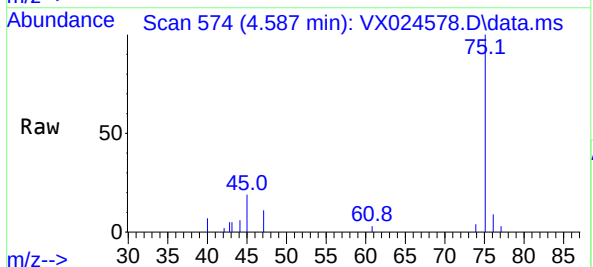
Acq: 05 Oct 2021 18:00

Tgt Ion: 43 Resp: 375

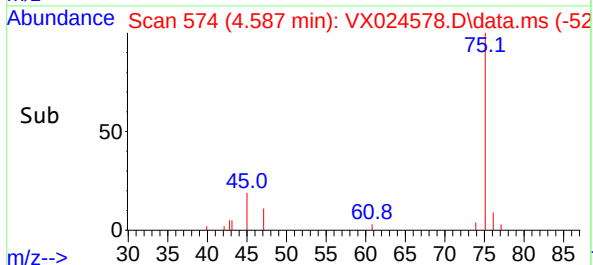
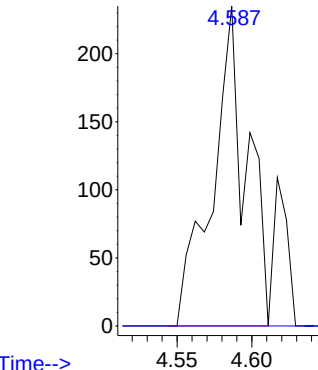
Ion Ratio Lower Upper

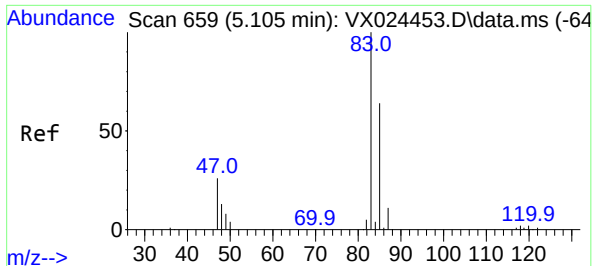
43 100

72 0.0 23.7 35.5#



Abundance





#30

Chloroform

Concen: 0.307 ug/l

RT: 5.105 min Scan# 659

Delta R.T. -0.000 min

Lab File: VX024578.D

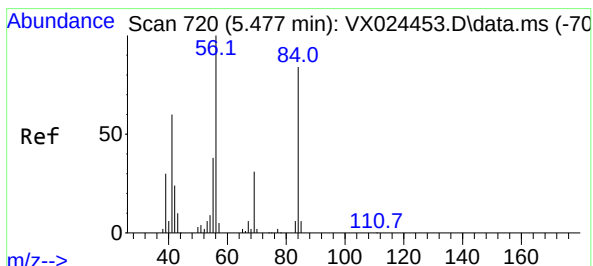
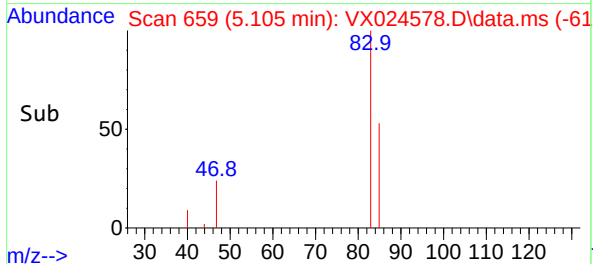
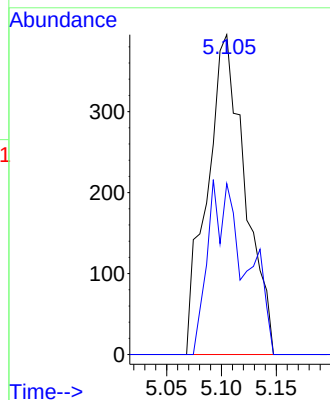
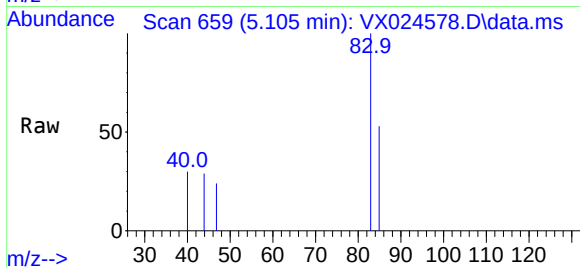
Acq: 05 Oct 2021 18:00

Tgt Ion: 83 Resp: 952

Ion Ratio Lower Upper

83 100

85 53.4 52.0 78.0



#31

Cyclohexane

Concen: 1.191 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX024578.D

Acq: 05 Oct 2021 18:00

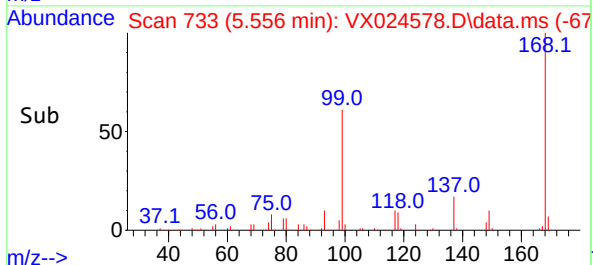
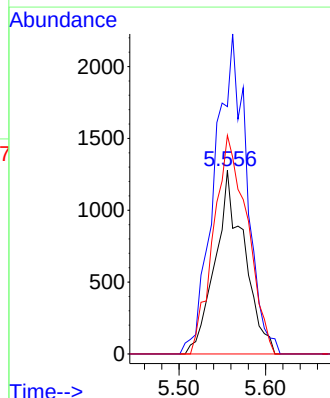
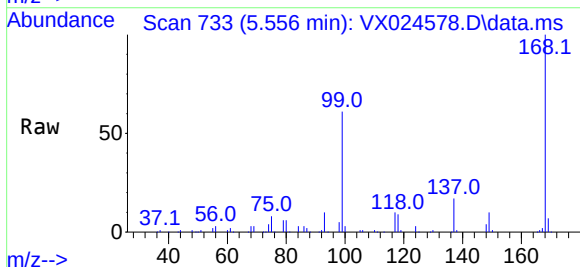
Tgt Ion: 56 Resp: 2971

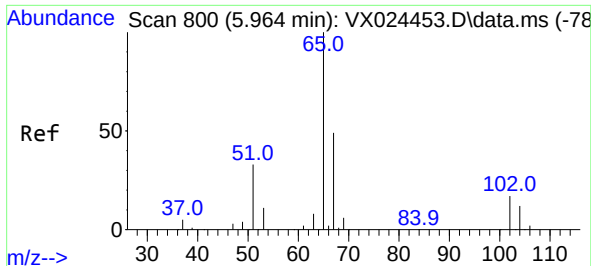
Ion Ratio Lower Upper

56 100

69 134.8 25.3 37.9#

84 119.1 71.4 107.0#



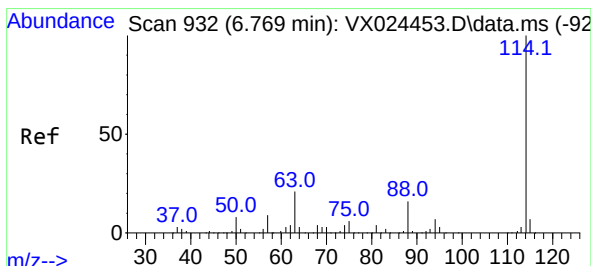
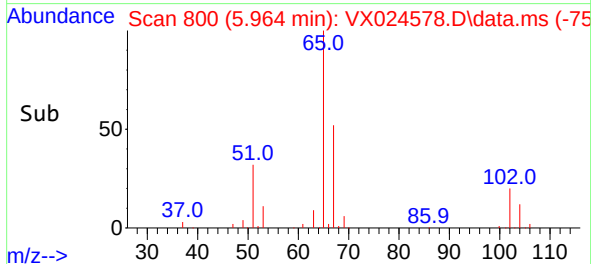
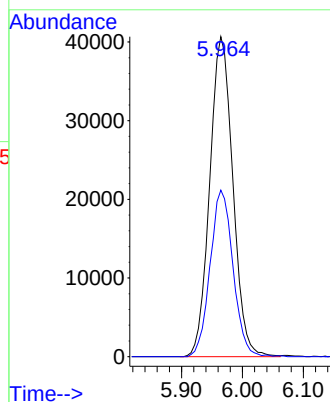
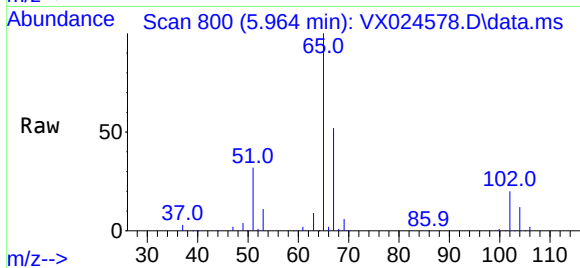


#33

1,2-Dichloroethane-d4
Concen: 51.500 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024578.D
Acq: 05 Oct 2021 18:00

Instrument :
MSVOA_X
ClientSampled :
MW-1

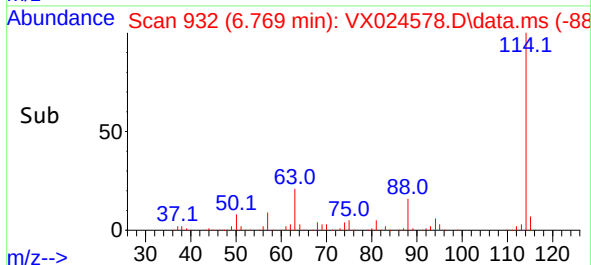
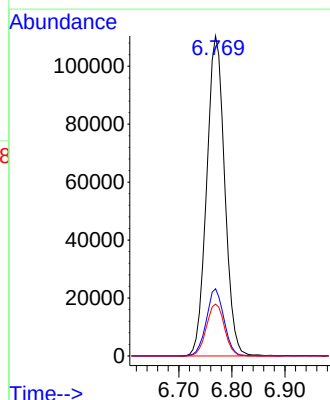
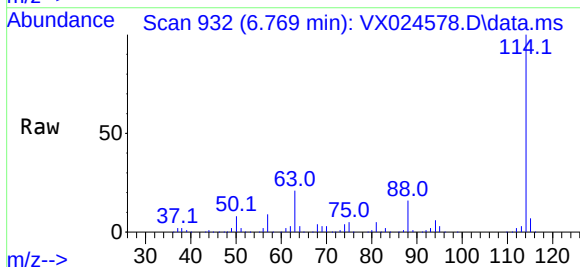
Tgt Ion: 65 Resp: 107248
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.4

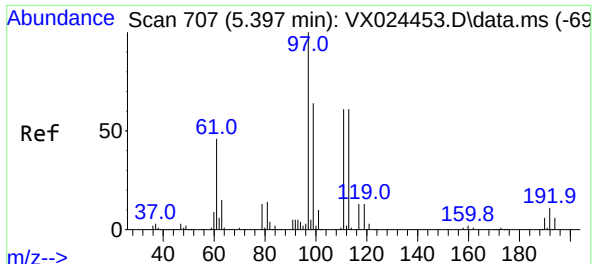


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024578.D
Acq: 05 Oct 2021 18:00

Tgt Ion: 114 Resp: 260249
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.8
88 16.2 0.0 32.8

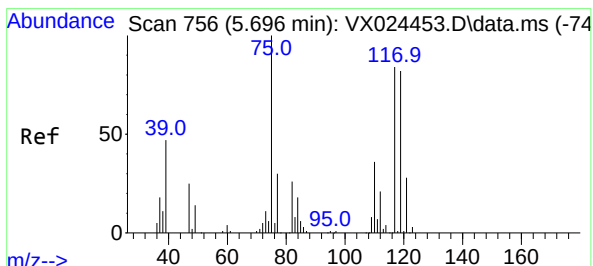
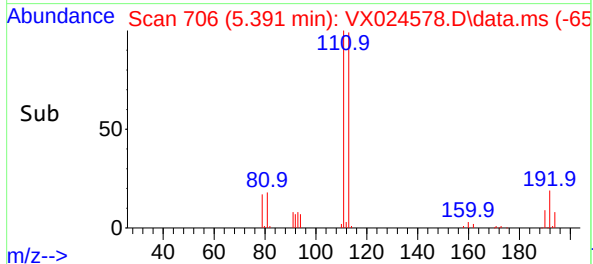
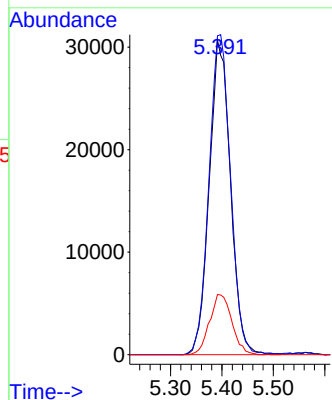
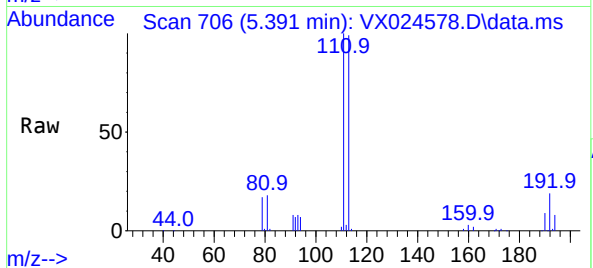




#35
Dibromofluoromethane
Concen: 50.801 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX024578.D
Acq: 05 Oct 2021 18:00

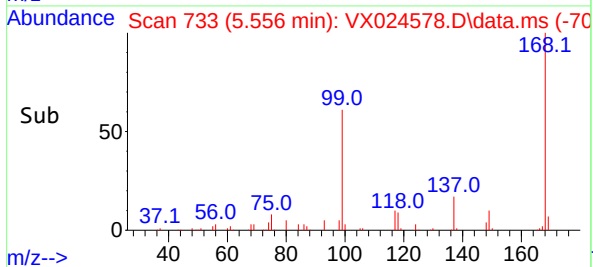
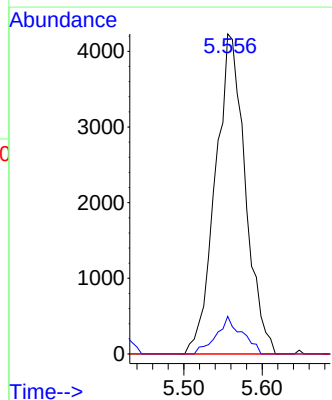
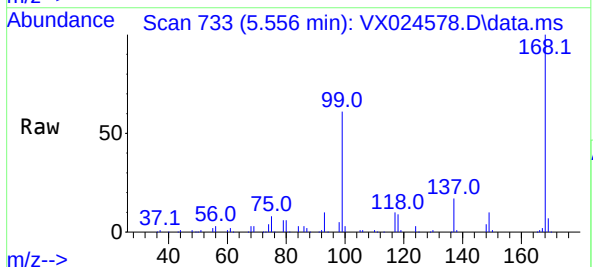
Instrument :
MSVOA_X
ClientSampleId :
MW-1

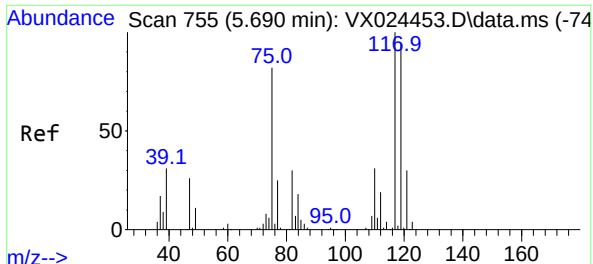
Tgt Ion:113 Resp: 87830
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 20.1 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.490 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX024578.D
Acq: 05 Oct 2021 18:00

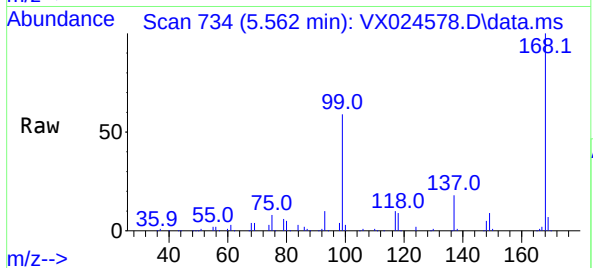
Tgt Ion: 75 Resp: 11203
Ion Ratio Lower Upper
75 100
110 10.0 18.1 54.4#
77 0.0 25.3 37.9#



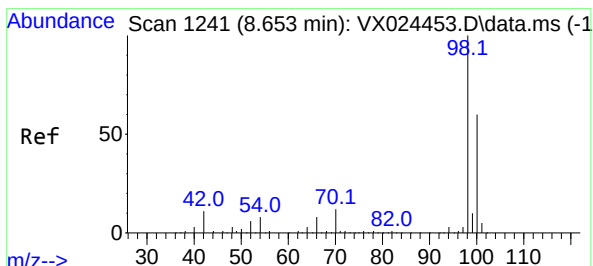
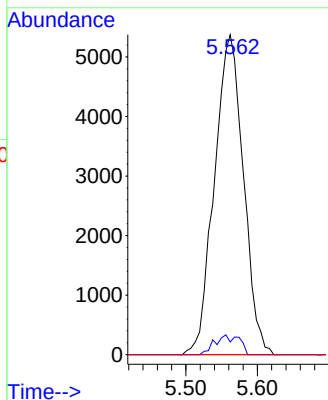
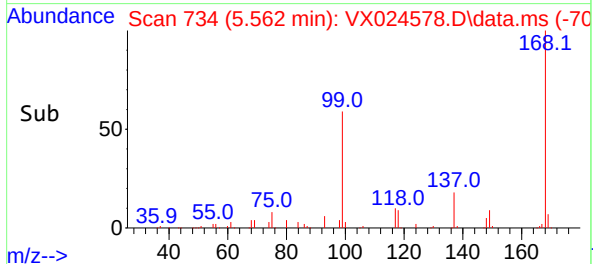


#38
Carbon Tetrachloride
Concen: 5.576 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX024578.D
Acq: 05 Oct 2021 18:00

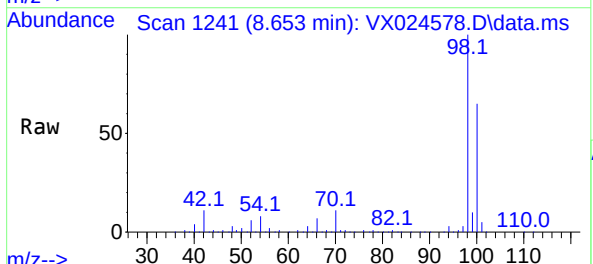
Instrument :
MSVOA_X
ClientSampled :
MW-1



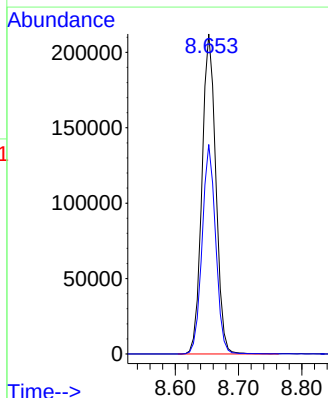
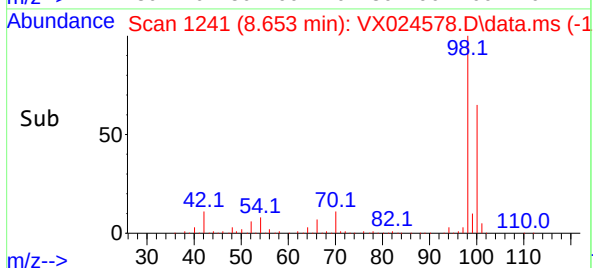
Tgt Ion:117 Resp: 15144
Ion Ratio Lower Upper
117 100
119 4.0 76.2 114.2#
121 0.0 24.8 37.2#

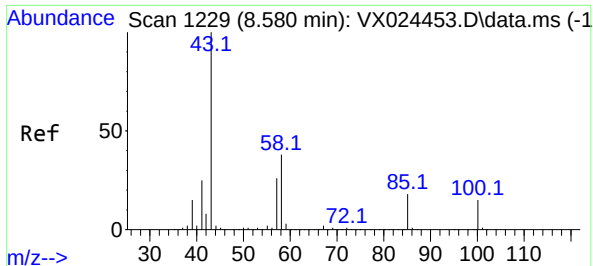


#50
Toluene-d8
Concen: 50.863 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024578.D
Acq: 05 Oct 2021 18:00



Tgt Ion: 98 Resp: 323656
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9

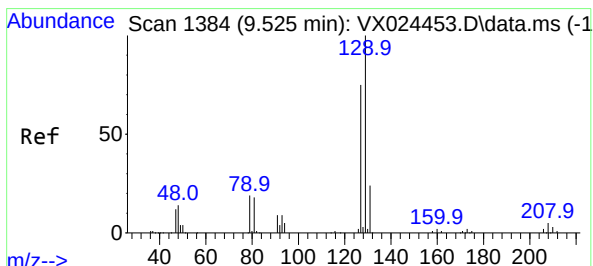
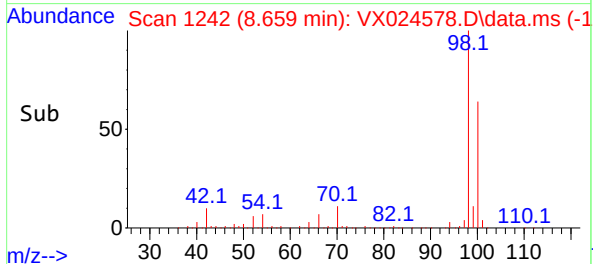
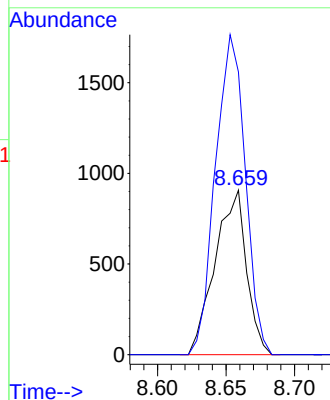
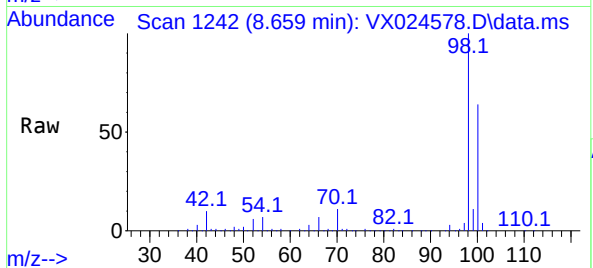




#51
4-Methyl-2-Pentanone
Concen: 0.463 ug/l
RT: 8.659 min Scan# 1242
Delta R.T. 0.079 min
Lab File: VX024578.D
Acq: 05 Oct 2021 18:00

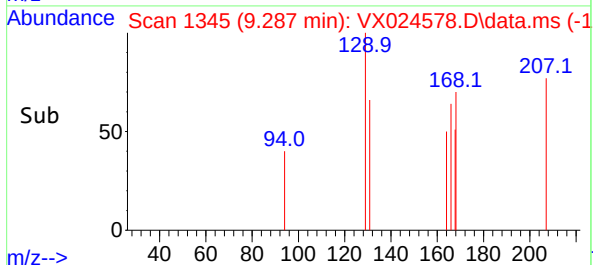
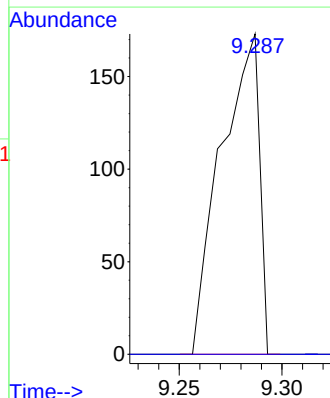
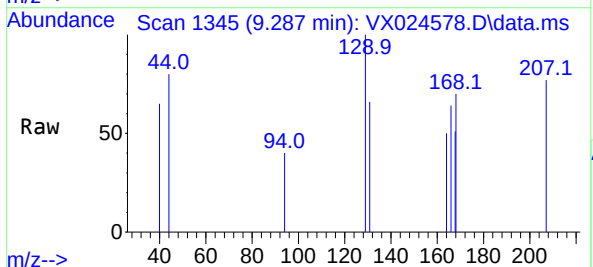
Instrument :
MSVOA_X
ClientSampled :
MW-1

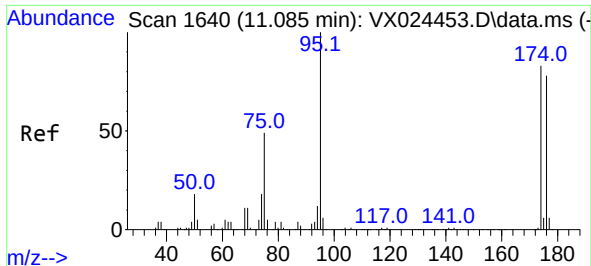
Tgt Ion: 43 Resp: 1449
Ion Ratio Lower Upper
43 100
58 185.0 35.4 53.0#



#60
Dibromochloromethane
Concen: 1.288 ug/l
RT: 9.287 min Scan# 1345
Delta R.T. -0.238 min
Lab File: VX024578.D
Acq: 05 Oct 2021 18:00

Tgt Ion: 129 Resp: 224
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

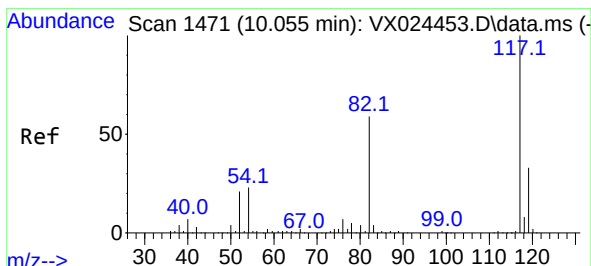
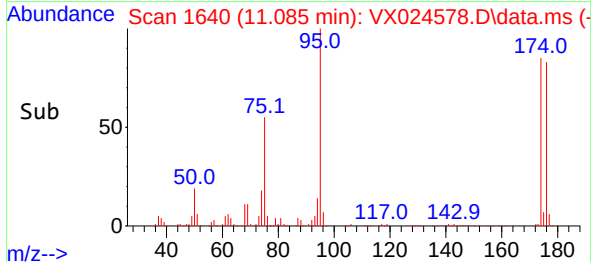
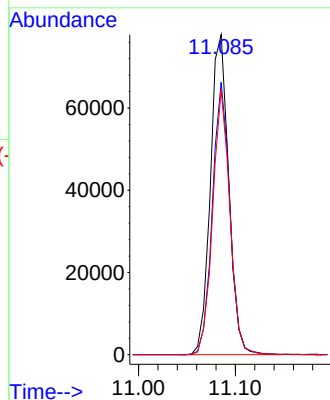
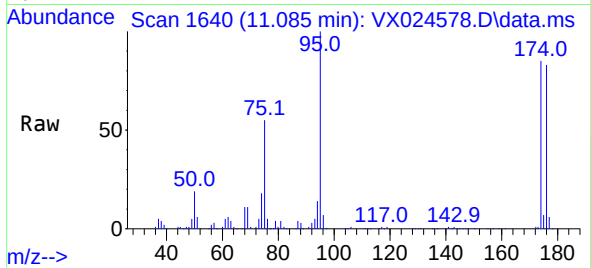




#62
4-Bromofluorobenzene
Concen: 40.962 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024578.D
Acq: 05 Oct 2021 18:00

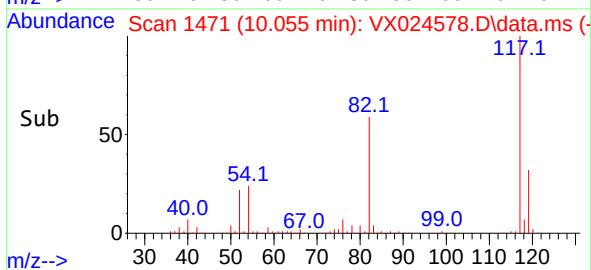
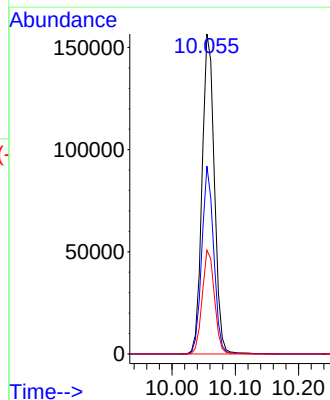
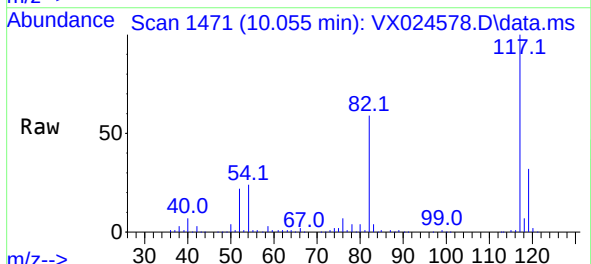
Instrument :
MSVOA_X
ClientSampled :
MW-1

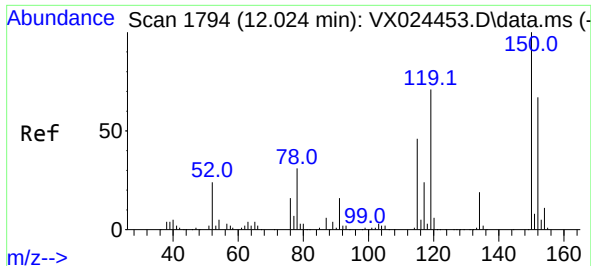
Tgt Ion: 95 Resp: 102484
Ion Ratio Lower Upper
95 100
174 81.4 0.0 154.6
176 77.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024578.D
Acq: 05 Oct 2021 18:00

Tgt Ion: 117 Resp: 212175
Ion Ratio Lower Upper
117 100
82 58.7 47.4 71.2
119 32.4 26.6 39.8

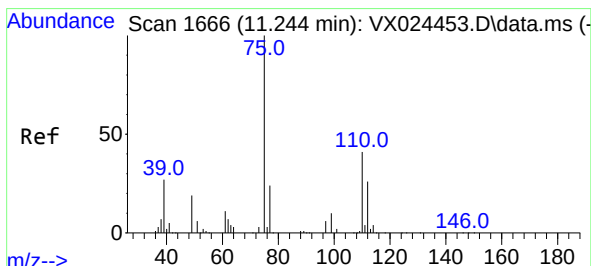
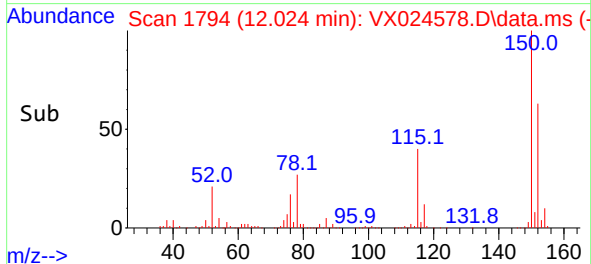
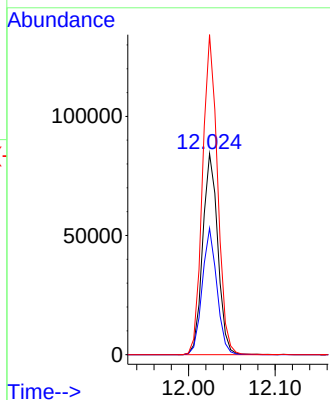
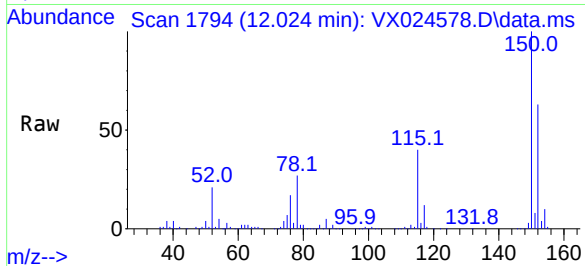




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024578.D
Acq: 05 Oct 2021 18:00

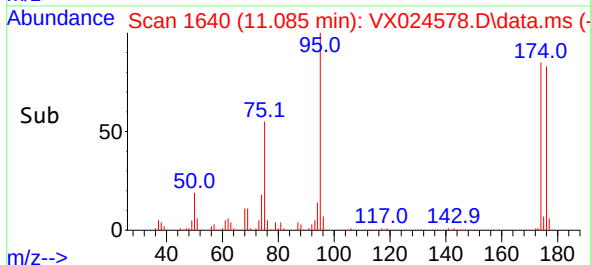
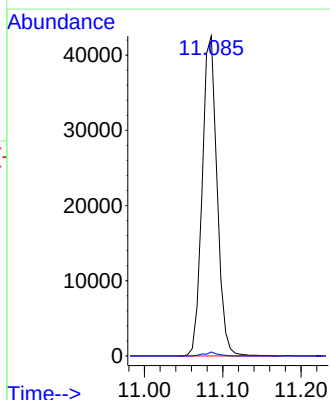
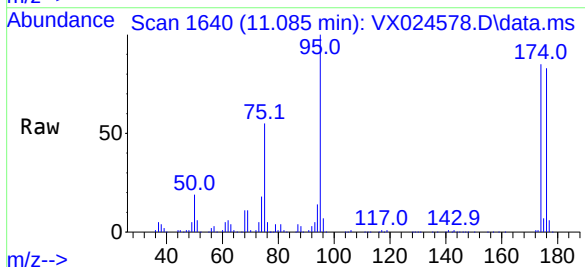
Instrument :
MSVOA_X
ClientSampled :
MW-1

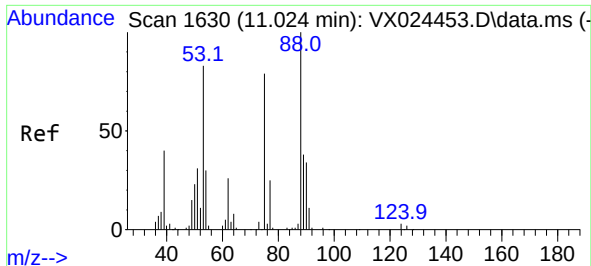
Tgt Ion:152 Resp: 102204
Ion Ratio Lower Upper
152 100
115 61.0 41.1 123.3
150 158.4 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 24.077 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024578.D
Acq: 05 Oct 2021 18:00

Tgt Ion: 75 Resp: 55883
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 65.729 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024578.D
Acq: 05 Oct 2021 18:00

Instrument :
MSVOA_X
ClientSampleId :
MW-1

Tgt Ion: 75 Resp: 55883
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.2 37.9 56.9#

