

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022625\
 Data File : VX045053.D
 Acq On : 26 Feb 2025 13:52
 Operator : JC/MD
 Sample : Q1429-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL-DSN-002

Quant Time: Feb 27 05:14:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 01:06:36 2025
 Response via : Initial Calibration

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

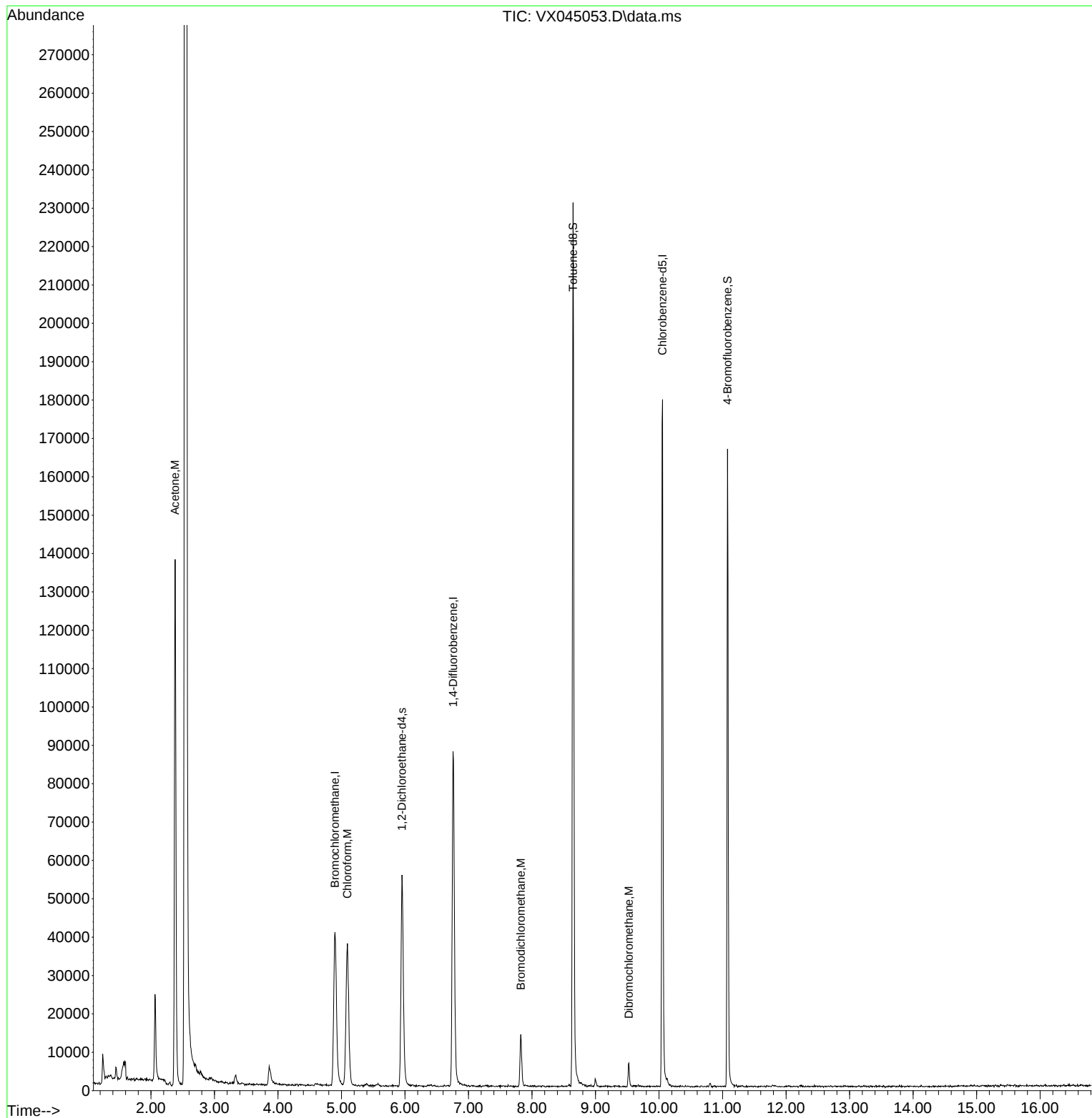
Internal Standards						
1) Bromochloromethane	4.897	128	16856	30.000	ug/l	0.01
28) 1,4-Difluorobenzene	6.757	114	90840	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	81481	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	49789	30.412	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.367%
60) 4-Bromofluorobenzene	11.079	95	43874	28.808	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	96.033%
63) Toluene-d8	8.647	98	132636	29.424	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.067%
Target Compounds						
					Qvalue	
15) Acetone	2.380	58	43707	219.421	ug/l	92
25) Chloroform	5.092	83	43191	17.470	ug/l	99
41) Bromodichloromethane	7.824	83	8841	4.758	ug/l #	97
53) Dibromochloromethane	9.525	129	2845	2.109	ug/l	97

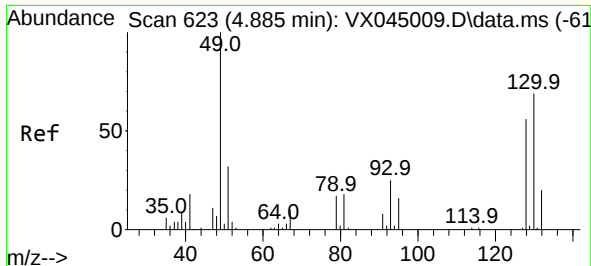
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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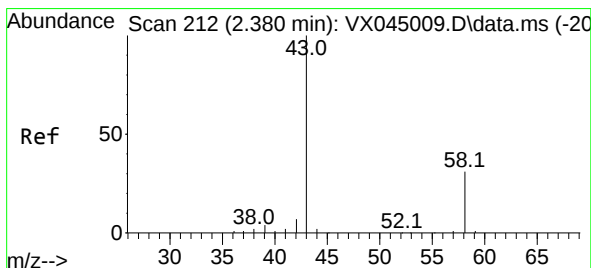
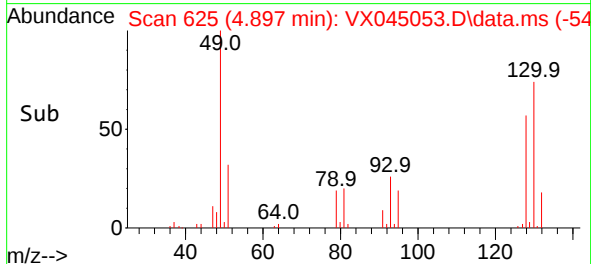
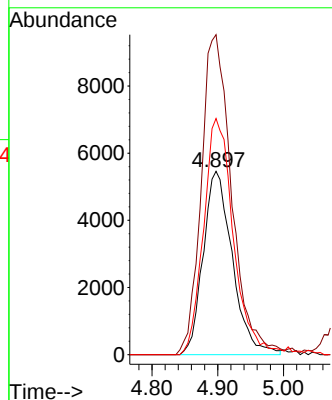
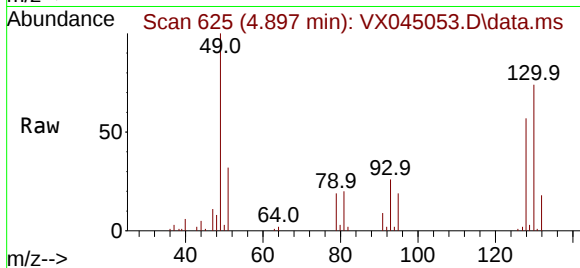




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX045053.D
Acq: 26 Feb 2025 13:52

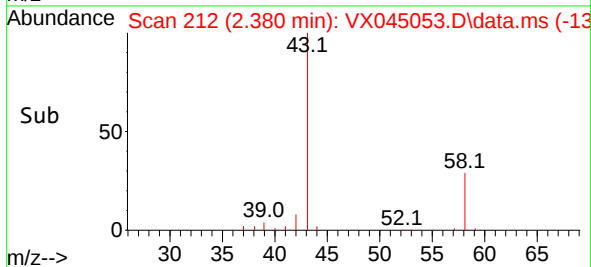
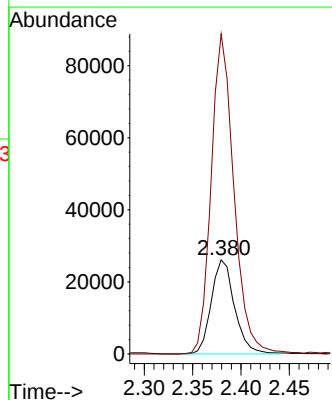
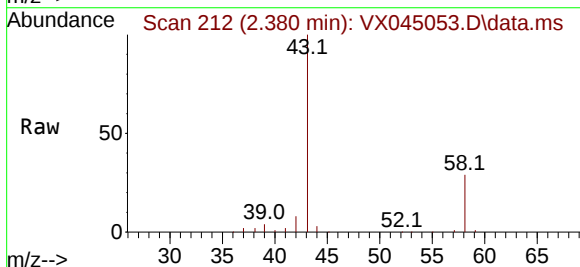
Instrument :
MSVOA_X
ClientSampleId :
OUTFALL-DSN-002

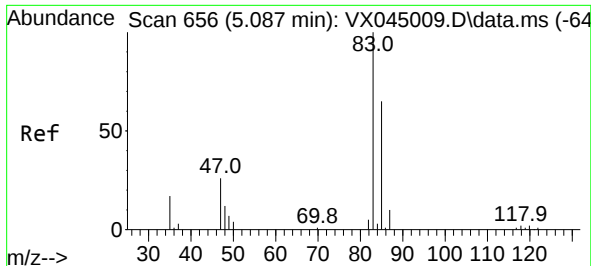
Tgt Ion:128 Resp: 16856
Ion Ratio Lower Upper
128 100
49 180.0 0.0 449.7
130 130.7 0.0 312.7



#15
Acetone
Concen: 219.421 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX045053.D
Acq: 26 Feb 2025 13:52

Tgt Ion: 58 Resp: 43707
Ion Ratio Lower Upper
58 100
43 340.1 258.6 388.0





#25

Chloroform

Concen: 17.470 ug/l

RT: 5.092 min Scan# 6

Delta R.T. 0.006 min

Lab File: VX045053.D

Acq: 26 Feb 2025 13:52

Instrument :

MSVOA_X

ClientSampleId :

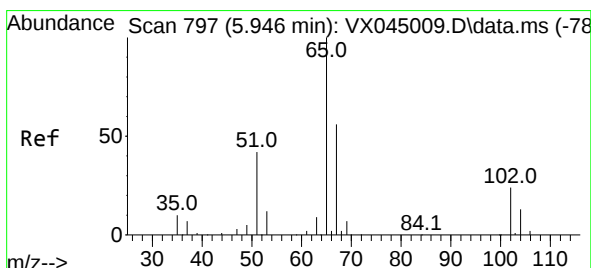
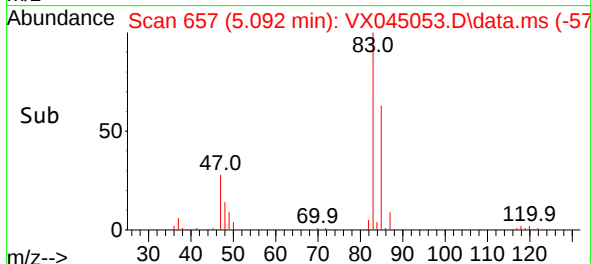
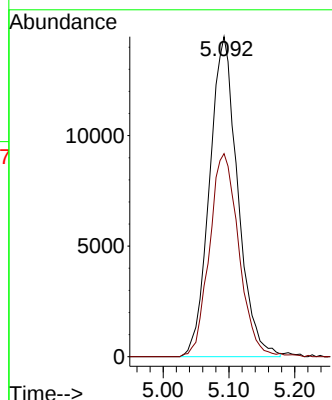
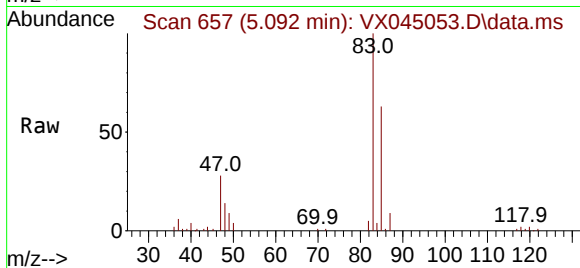
OUTFALL-DSN-002

Tgt Ion: 83 Resp: 43191

Ion Ratio Lower Upper

83 100

85 63.4 51.7 77.5



#27

1,2-Dichloroethane-d4

Concen: 30.412 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX045053.D

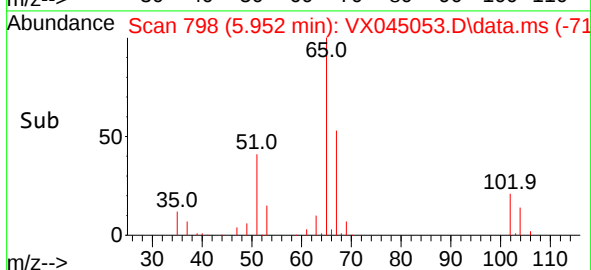
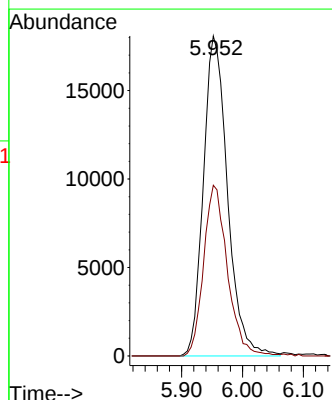
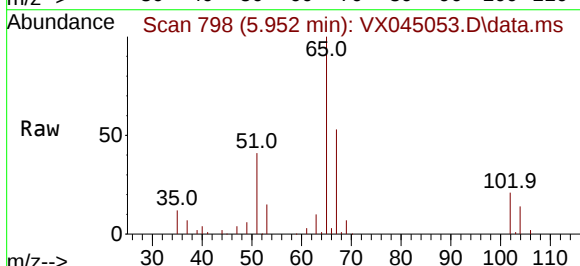
Acq: 26 Feb 2025 13:52

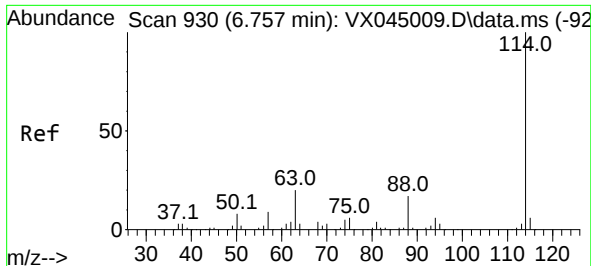
Tgt Ion: 65 Resp: 49789

Ion Ratio Lower Upper

65 100

67 52.5 42.6 64.0

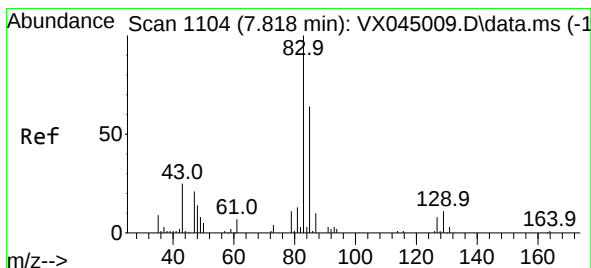
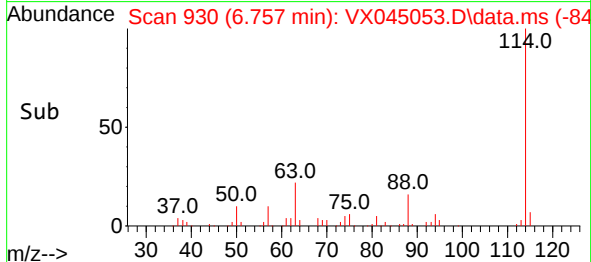
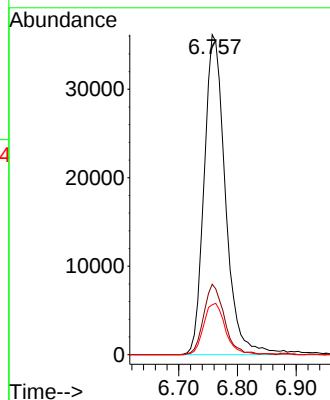
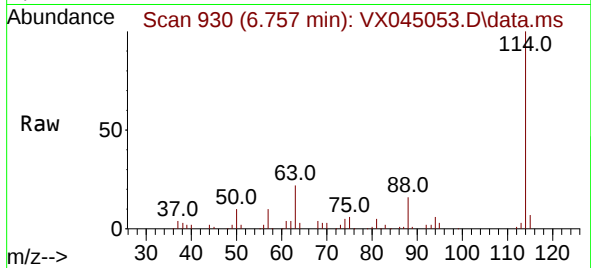




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045053.D
Acq: 26 Feb 2025 13:52

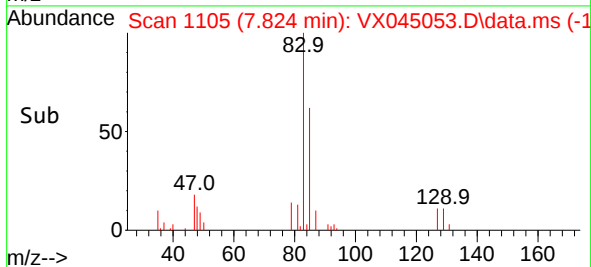
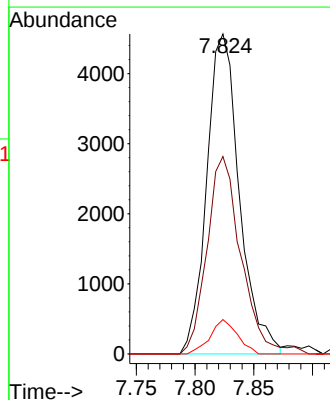
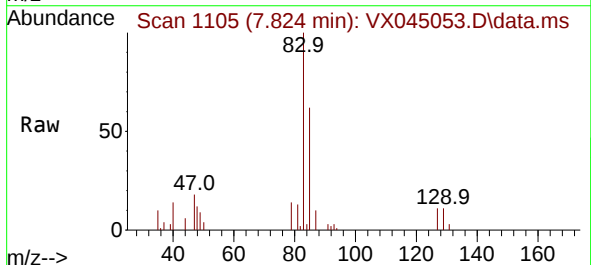
Instrument :
MSVOA_X
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OUTFALL-DSN-002

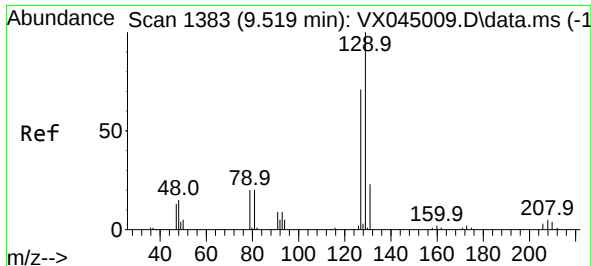
Tgt Ion:114 Resp: 90840
Ion Ratio Lower Upper
114 100
63 21.1 16.8 25.2
88 16.4 12.7 19.1



#41
Bromodichloromethane
Concen: 4.758 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX045053.D
Acq: 26 Feb 2025 13:52

Tgt Ion: 83 Resp: 8841
Ion Ratio Lower Upper
83 100
85 61.7 51.0 76.6
127 10.7 6.1 9.1#

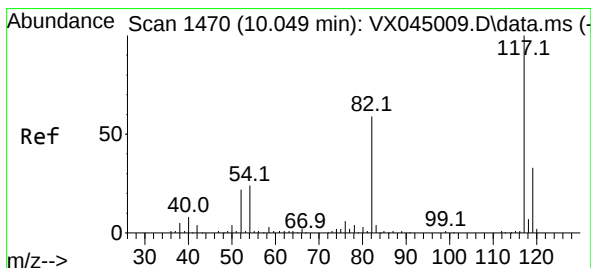
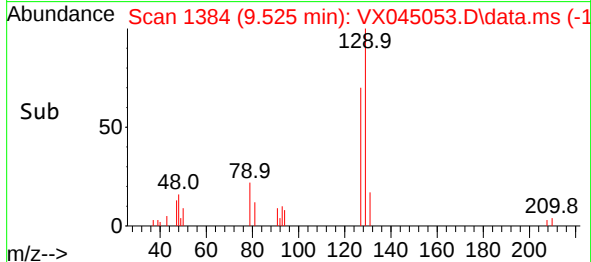
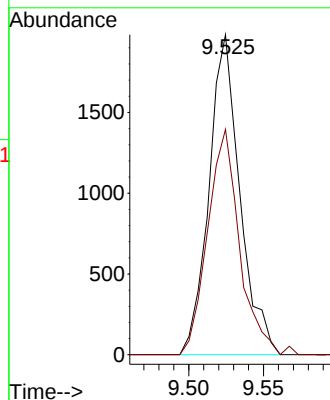
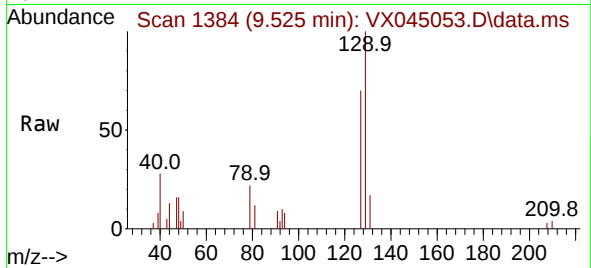




#53
Dibromochloromethane
Concen: 2.109 ug/l
RT: 9.525 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045053.D
Acq: 26 Feb 2025 13:52

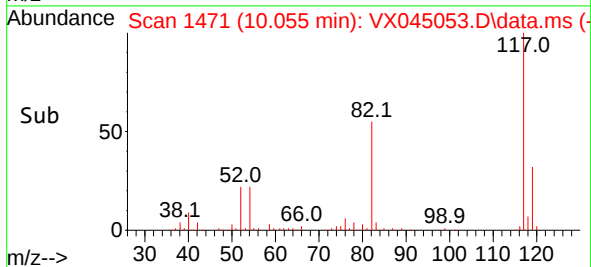
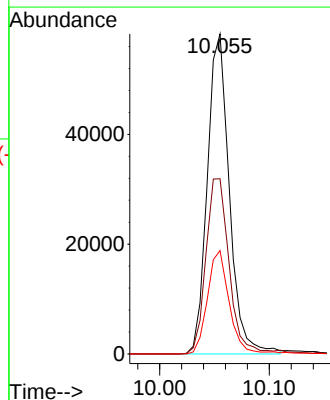
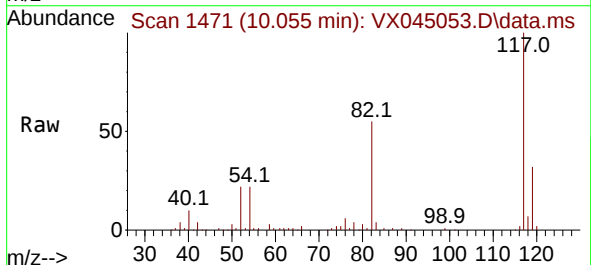
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ClientSampleId :
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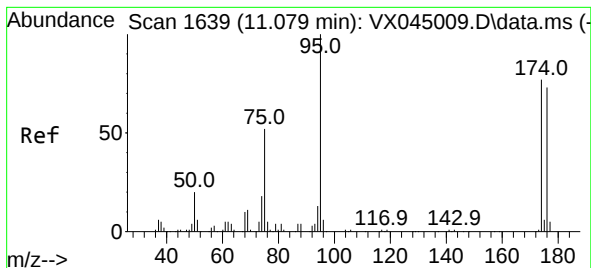
Tgt Ion:129 Resp: 2845
Ion Ratio Lower Upper
129 100
127 72.3 37.3 111.9



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045053.D
Acq: 26 Feb 2025 13:52

Tgt Ion:117 Resp: 81481
Ion Ratio Lower Upper
117 100
82 57.7 45.8 68.8
119 31.4 25.5 38.3

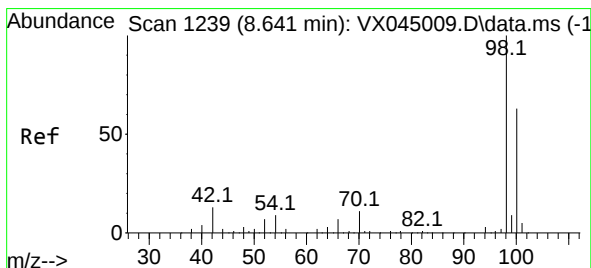
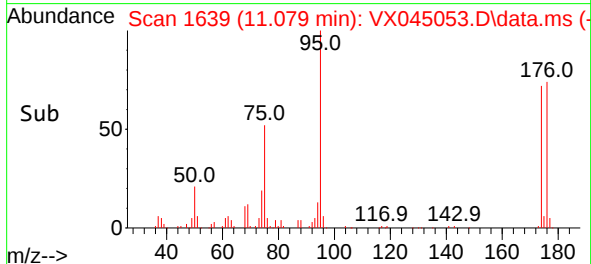
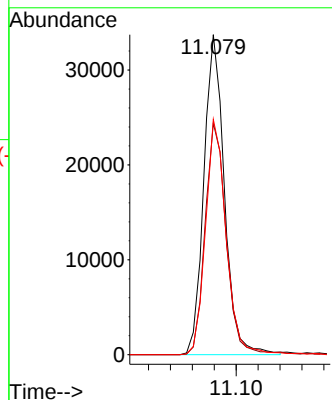
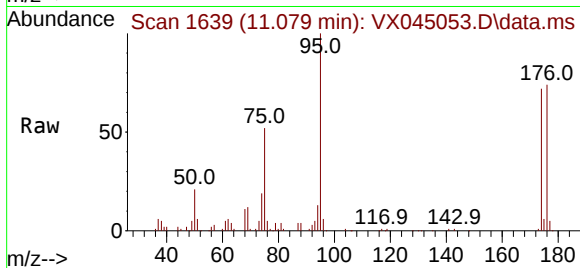




#60
4-Bromofluorobenzene
Concen: 28.808 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045053.D
Acq: 26 Feb 2025 13:52

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL-DSN-002

Tgt Ion: 95 Resp: 43874
Ion Ratio Lower Upper
95 100
174 73.9 59.5 89.3
176 73.4 55.5 83.3



#63
Toluene-d8
Concen: 29.424 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX045053.D
Acq: 26 Feb 2025 13:52

Tgt Ion: 98 Resp: 132636
Ion Ratio Lower Upper
98 100
100 66.5 51.7 77.5

