

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051524\
 Data File : VX041545.D
 Acq On : 15 May 2024 17:29
 Operator : JC/MD
 Sample : P2478-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240502088-03

Quant Time: May 16 05:28:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 16 05:13:13 2024
 Response via : Initial Calibration

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

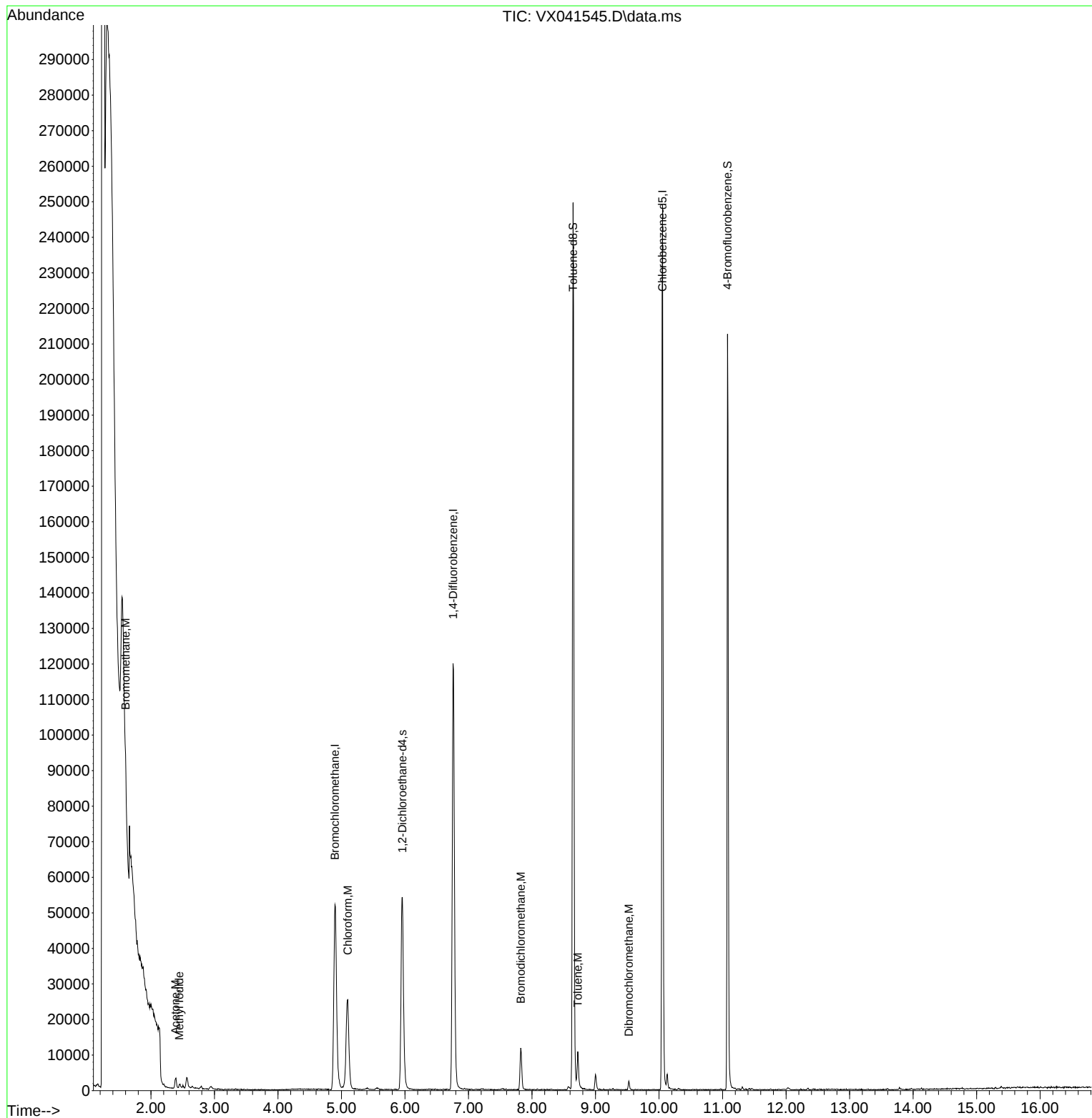
Internal Standards						
1) Bromochloromethane	4.897	128	23120	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	127338	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	115665	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	54398	29.878	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.600%
60) 4-Bromofluorobenzene	11.079	95	51343	28.435	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	94.800%
63) Toluene-d8	8.647	98	147079	29.664	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.867%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	3262	3.679	ug/l	94
11) Methyl Iodide	2.447	142	1619	1.149	ug/l	94
15) Acetone	2.386	58	996	4.746	ug/l	89
25) Chloroform	5.098	83	30567	11.592	ug/l	99
41) Bromodichloromethane	7.824	83	7851	4.225	ug/l	97
53) Dibromochloromethane	9.525	129	1178	0.752	ug/l	99
62) Toluene	8.720	91	7005	1.217	ug/l	99

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

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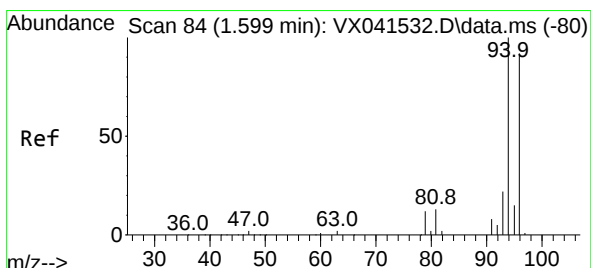
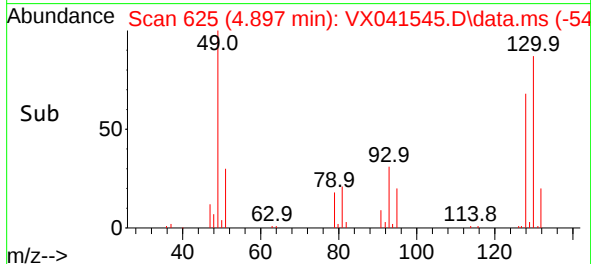
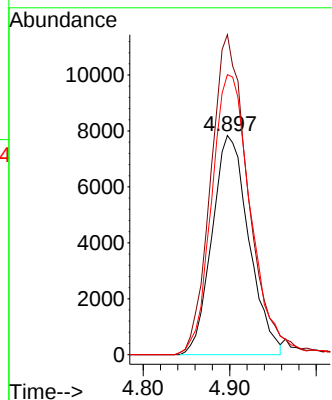
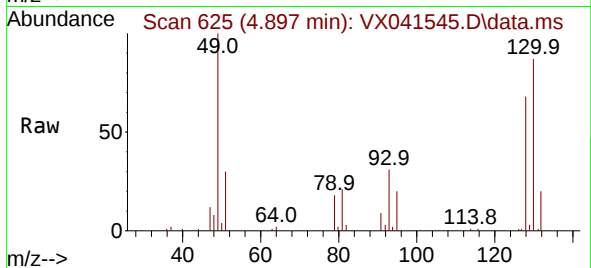




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX041545.D
Acq: 15 May 2024 17:29

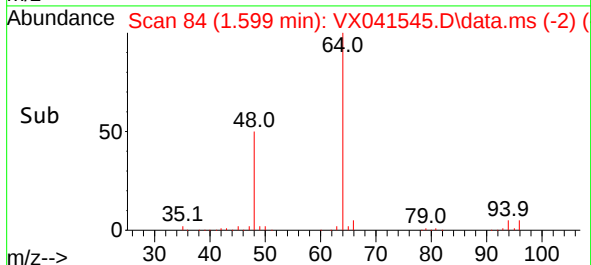
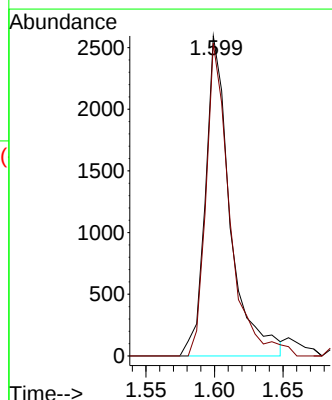
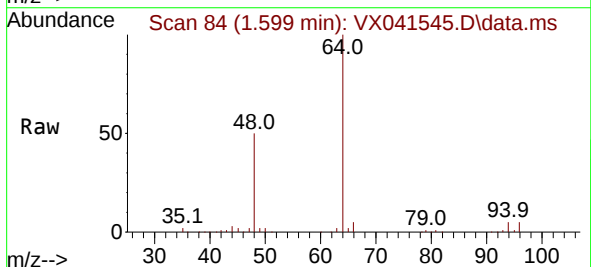
Instrument :
MSVOA_X
ClientSampleId :
240502088-03

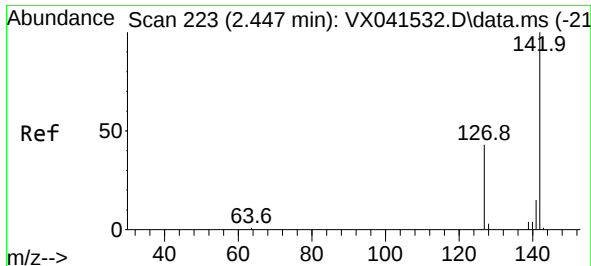
Tgt Ion:128 Resp: 23120
Ion Ratio Lower Upper
128 100
49 150.2 0.0 361.5
130 135.6 0.0 324.3



#5
Bromomethane
Concen: 3.679 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX041545.D
Acq: 15 May 2024 17:29

Tgt Ion: 94 Resp: 3262
Ion Ratio Lower Upper
94 100
96 97.7 73.9 110.9

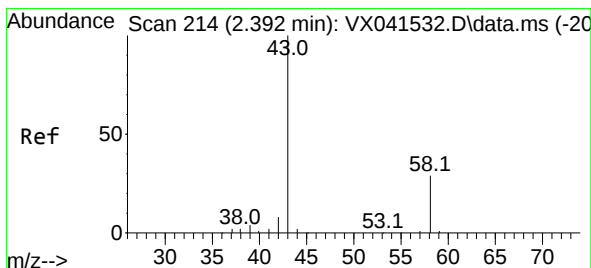
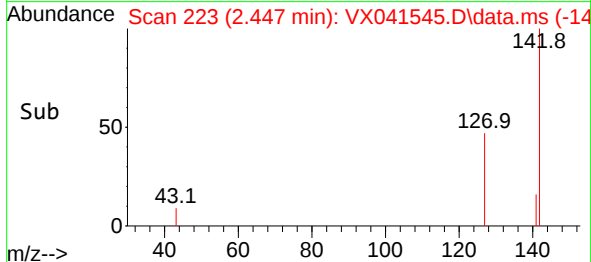
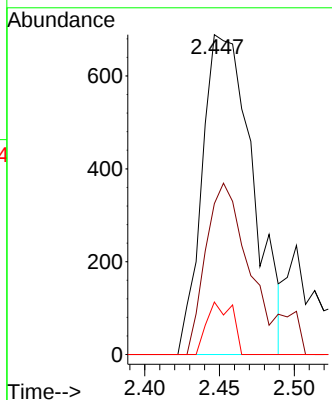
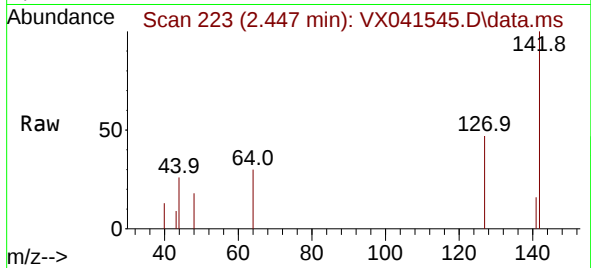




#11
Methyl Iodide
Concen: 1.149 ug/l
RT: 2.447 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX041545.D
Acq: 15 May 2024 17:29

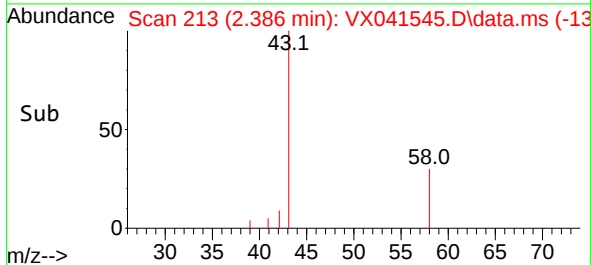
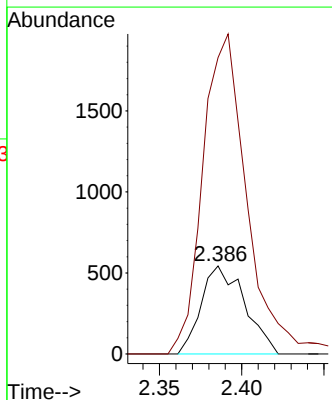
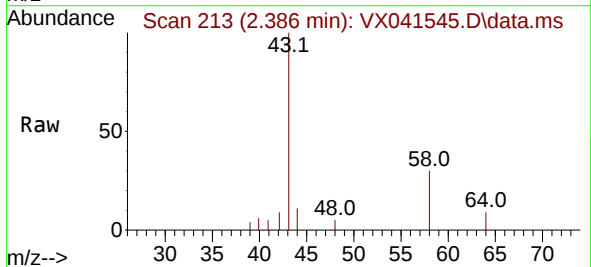
Instrument :
MSVOA_X
ClientSampleId :
240502088-03

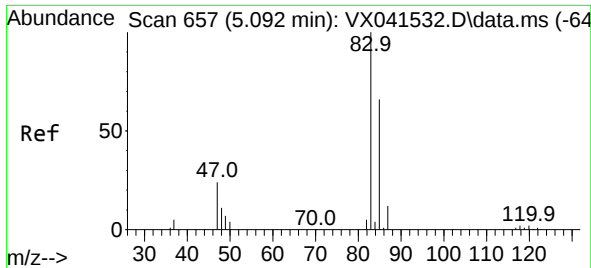
Tgt Ion:142 Resp: 1619
Ion Ratio Lower Upper
142 100
127 45.9 21.4 64.2
141 18.4 7.6 22.8



#15
Acetone
Concen: 4.746 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX041545.D
Acq: 15 May 2024 17:29

Tgt Ion: 58 Resp: 996
Ion Ratio Lower Upper
58 100
43 319.2 274.0 411.0

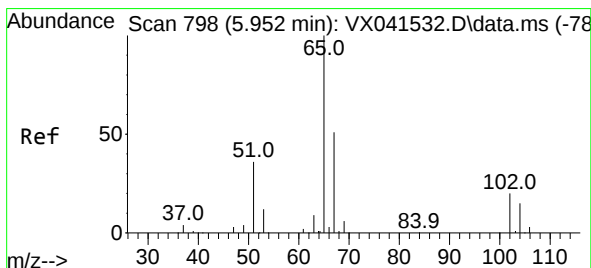
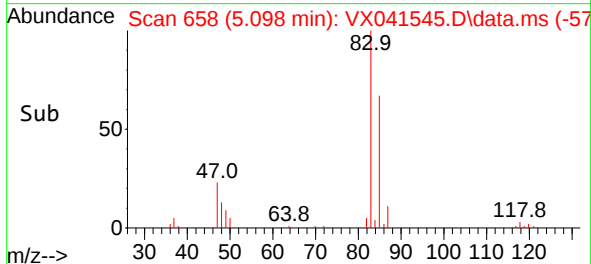
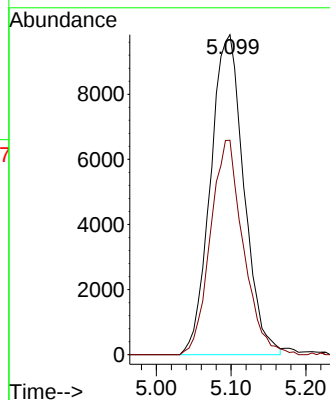
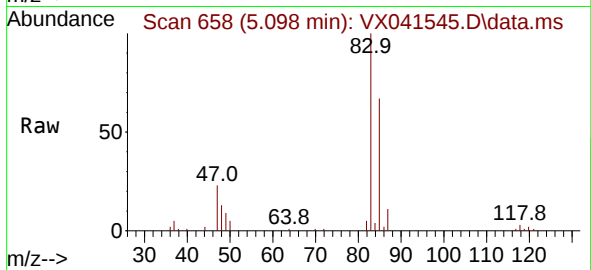




#25
Chloroform
Concen: 11.592 ug/l
RT: 5.098 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX041545.D
Acq: 15 May 2024 17:29

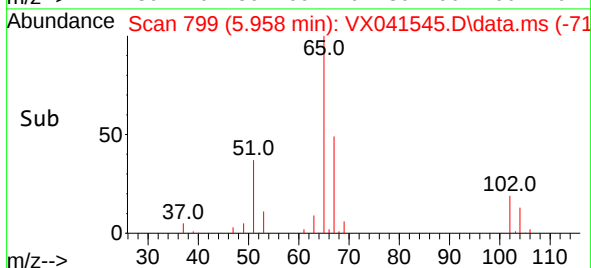
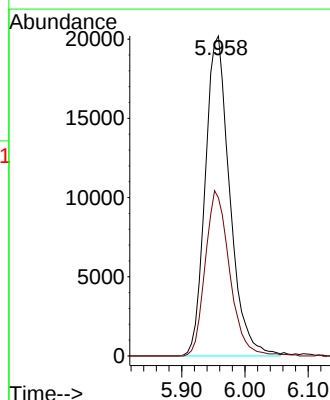
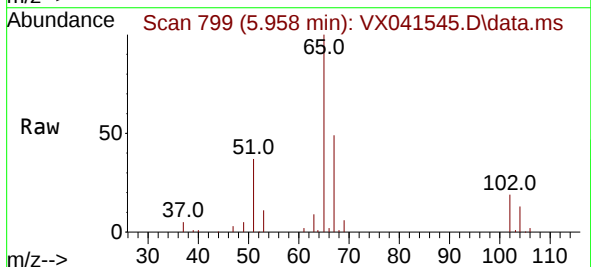
Instrument :
MSVOA_X
ClientSampleId :
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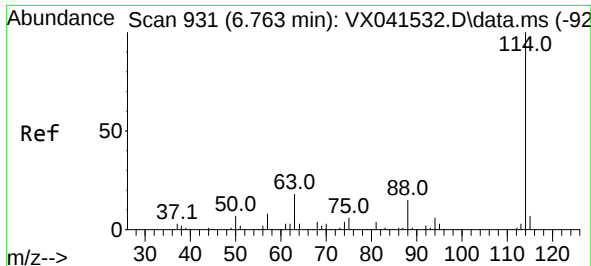
Tgt Ion: 83 Resp: 30567
Ion Ratio Lower Upper
83 100
85 67.0 52.9 79.3



#27
1,2-Dichloroethane-d4
Concen: 29.878 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX041545.D
Acq: 15 May 2024 17:29

Tgt Ion: 65 Resp: 54398
Ion Ratio Lower Upper
65 100
67 51.1 40.8 61.2

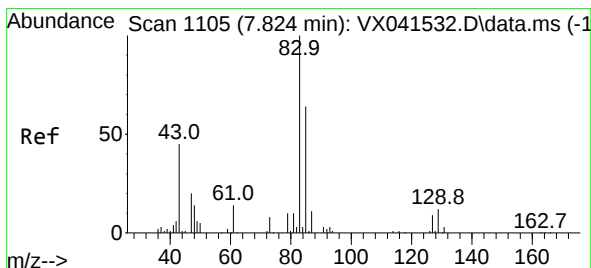
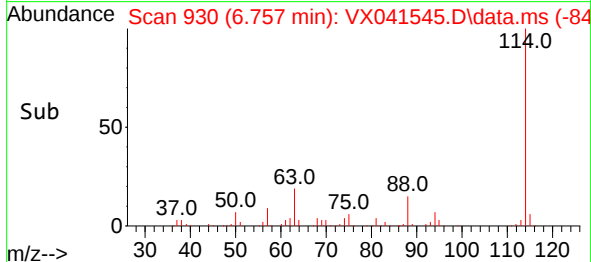
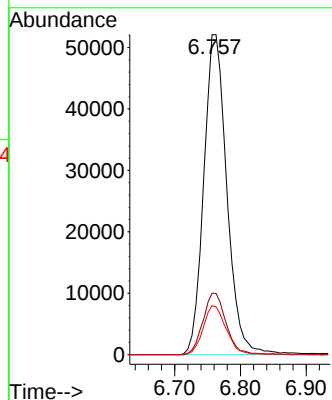
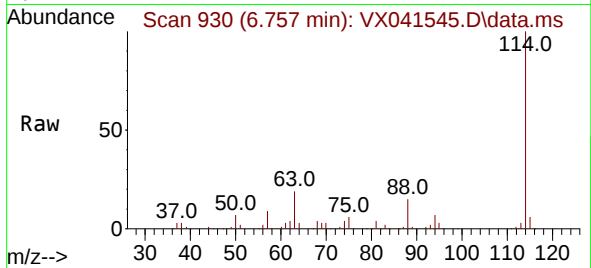




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX041545.D
Acq: 15 May 2024 17:29

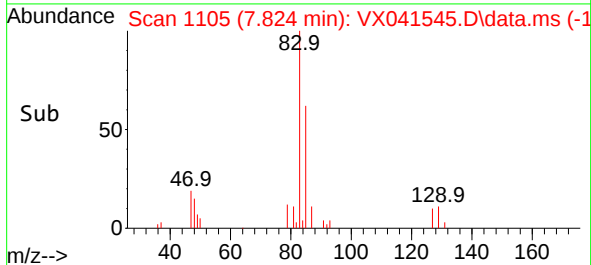
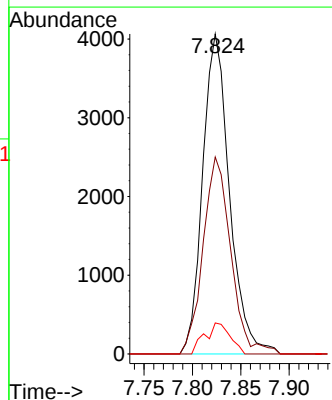
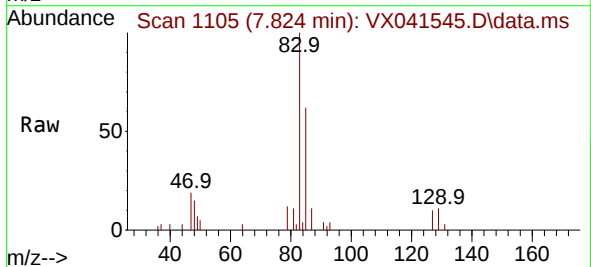
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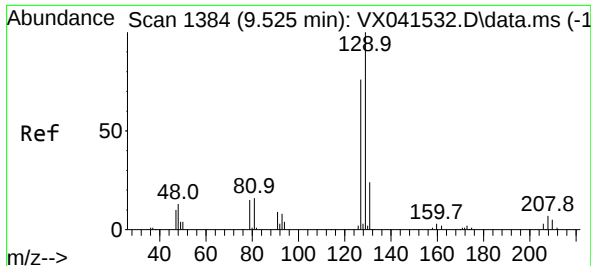
Tgt Ion:114 Resp: 127338
Ion Ratio Lower Upper
114 100
63 19.0 15.4 23.0
88 15.2 12.2 18.2



#41
Bromodichloromethane
Concen: 4.225 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX041545.D
Acq: 15 May 2024 17:29

Tgt Ion: 83 Resp: 7851
Ion Ratio Lower Upper
83 100
85 61.6 51.0 76.4
127 9.7 7.1 10.7

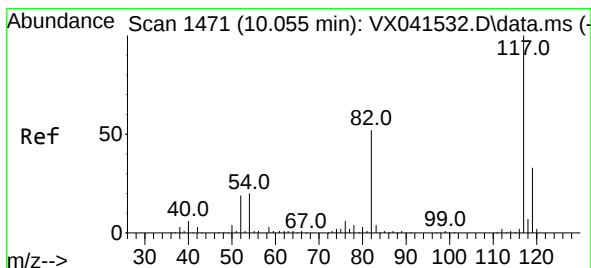
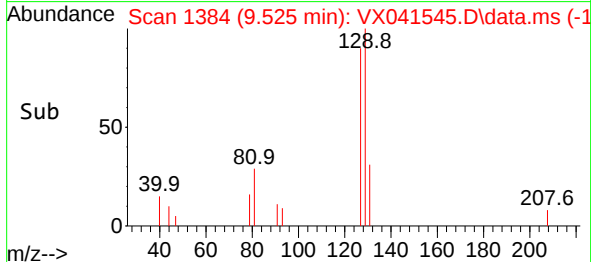
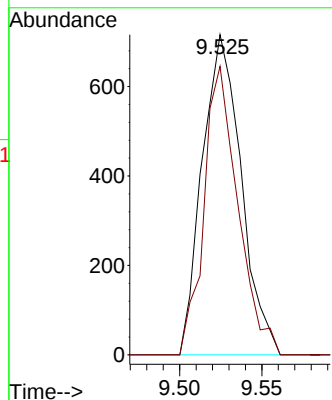
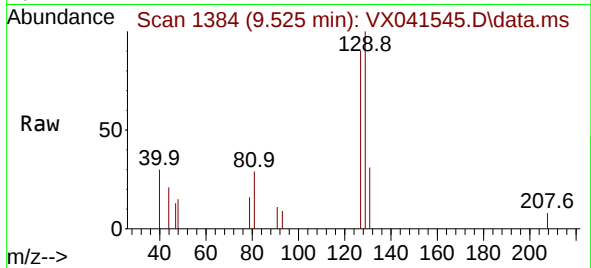




#53
Dibromochloromethane
Concen: 0.752 ug/l
RT: 9.525 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041545.D
Acq: 15 May 2024 17:29

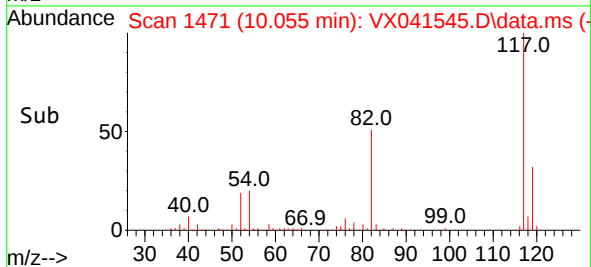
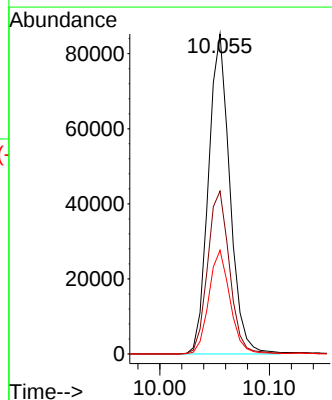
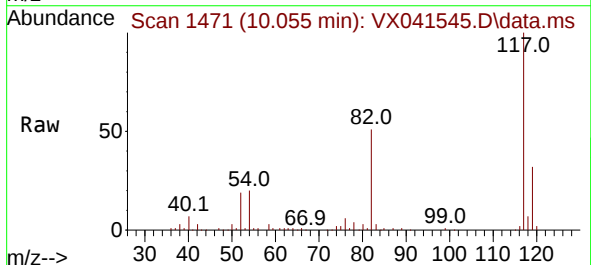
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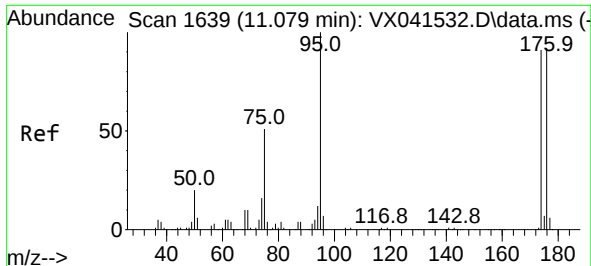
Tgt Ion:129 Resp: 1178
Ion Ratio Lower Upper
129 100
127 78.7 38.9 116.7



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041545.D
Acq: 15 May 2024 17:29

Tgt Ion:117 Resp: 115665
Ion Ratio Lower Upper
117 100
82 52.3 41.7 62.5
119 32.2 25.7 38.5

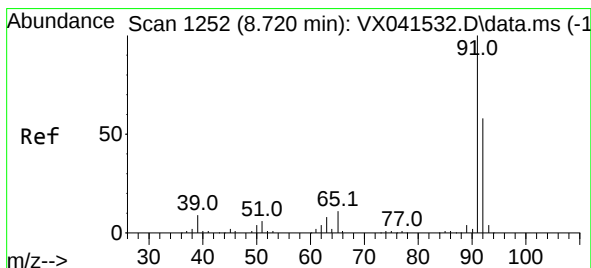
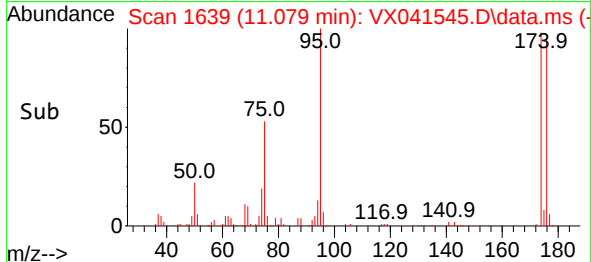
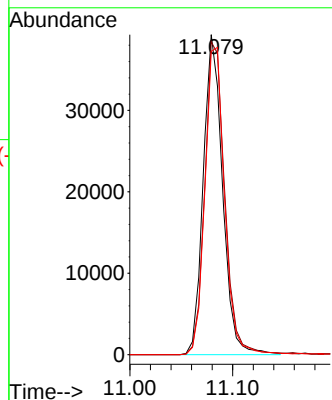
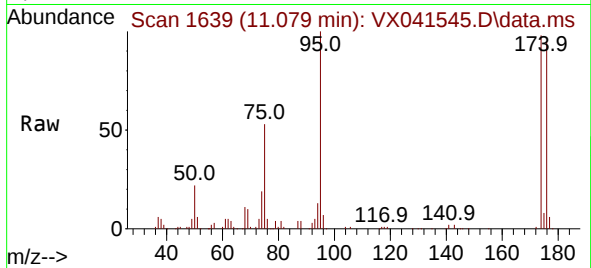




#60
4-Bromofluorobenzene
Concen: 28.435 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041545.D
Acq: 15 May 2024 17:29

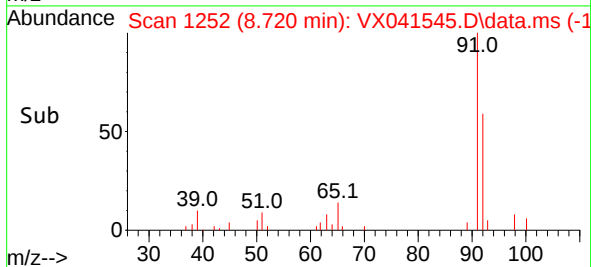
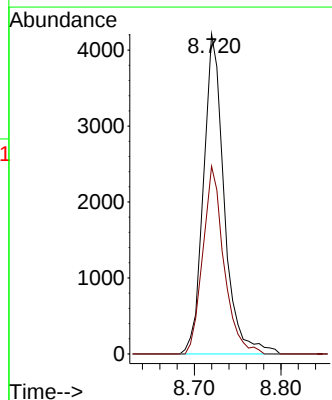
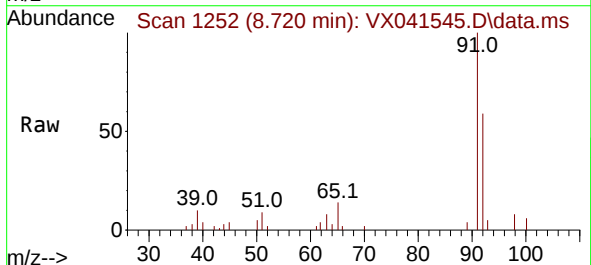
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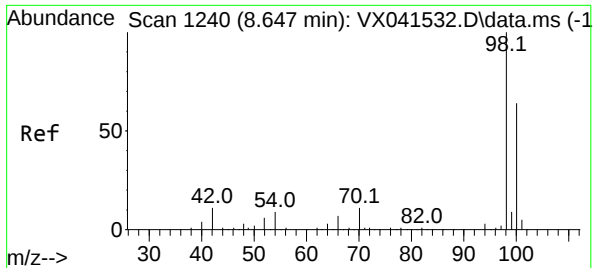
Tgt Ion: 95 Resp: 51343
Ion Ratio Lower Upper
95 100
174 101.0 76.6 115.0
176 98.0 75.4 113.0



#62
Toluene
Concen: 1.217 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX041545.D
Acq: 15 May 2024 17:29

Tgt Ion: 91 Resp: 7005
Ion Ratio Lower Upper
91 100
92 59.8 47.0 70.6





#63
Toluene-d8
Concen: 29.664 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041545.D
Acq: 15 May 2024 17:29

Instrument :
MSVOA_X
ClientSampleId :
240502088-03

Tgt Ion: 98 Resp: 147079
Ion Ratio Lower Upper
98 100
100 66.9 53.1 79.7

