

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081324\
 Data File : VX043018.D
 Acq On : 13 Aug 2024 16:29
 Operator : JC/MD
 Sample : P3546-02DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 002-35TH-AVEDL

Quant Time: Aug 14 04:34:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X081324W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Aug 13 13:22:56 2024
 Response via : Initial Calibration

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

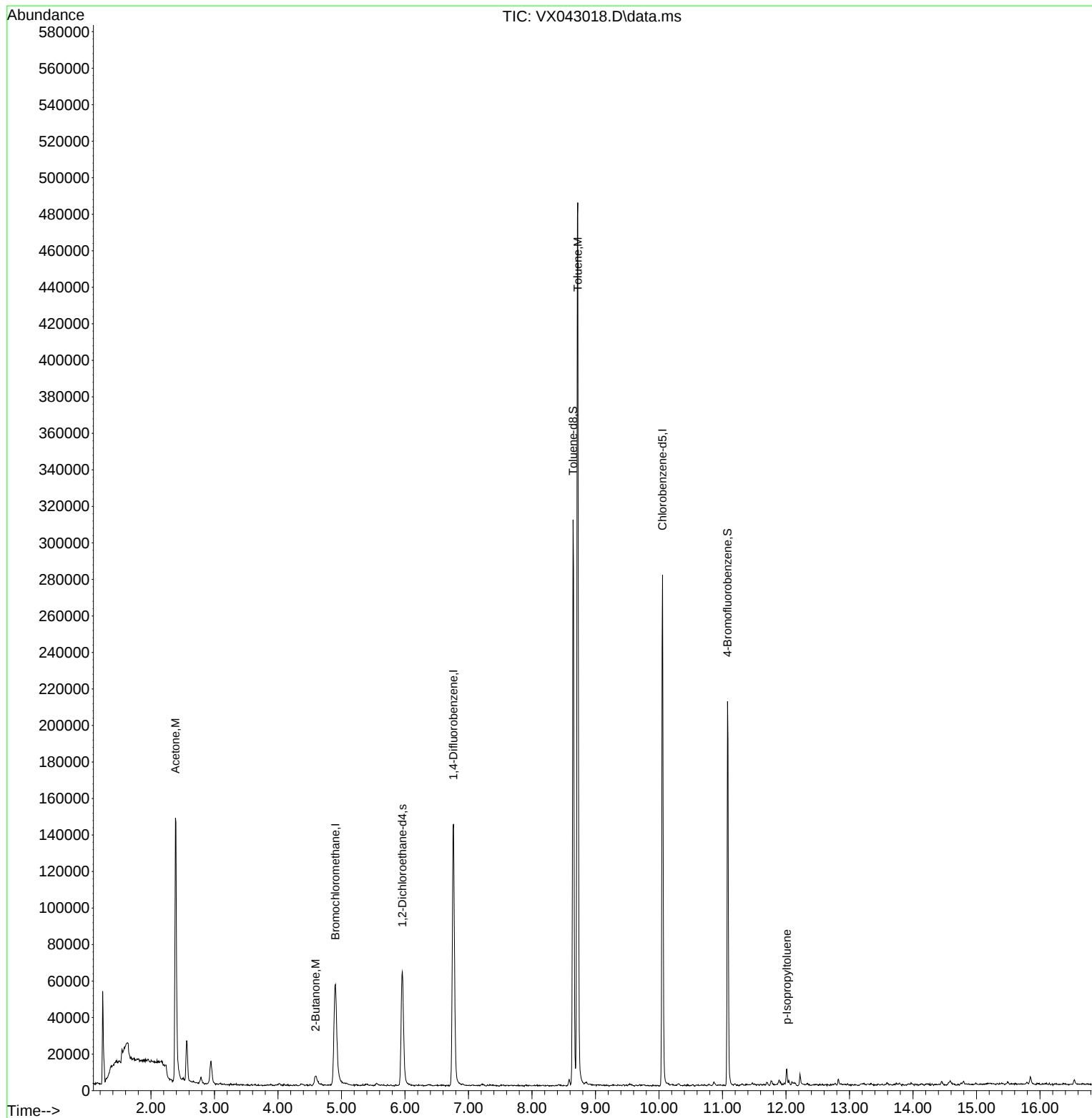
Internal Standards						
1) Bromochloromethane	4.904	128	26382	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	152268	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	130423	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	57336	26.848	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	89.500%#
60) 4-Bromofluorobenzene	11.079	95	61229	27.654	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	92.167%
63) Toluene-d8	8.647	98	184886	30.859	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.867%
Target Compounds						
					Qvalue	
15) Acetone	2.386	58	55493	159.506	ug/l	76
30) 2-Butanone	4.593	43	8722m	5.209	ug/l	
62) Toluene	8.720	91	325579	43.701	ug/l	98
82) p-Isopropyltoluene	12.012	119	4376	0.678	ug/l	95

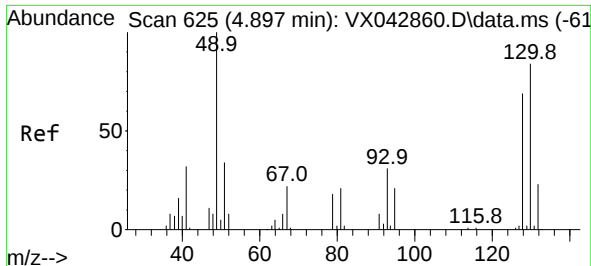
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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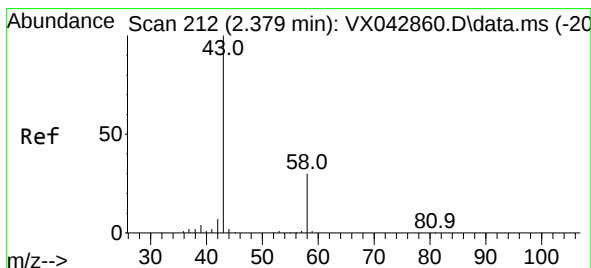
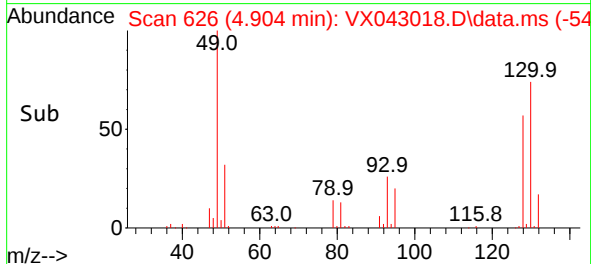
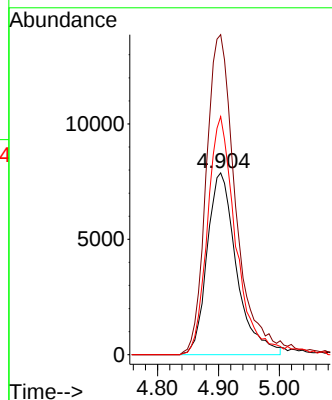
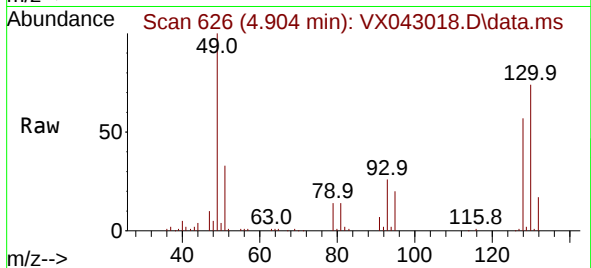




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX043018.D
Acq: 13 Aug 2024 16:29

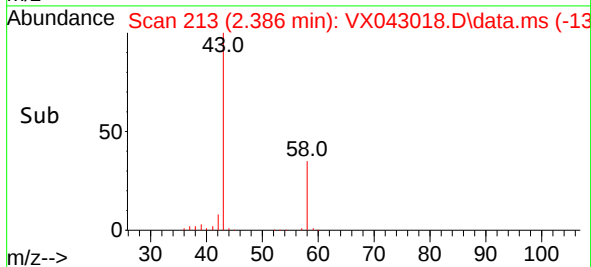
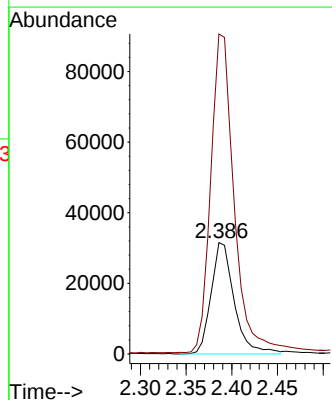
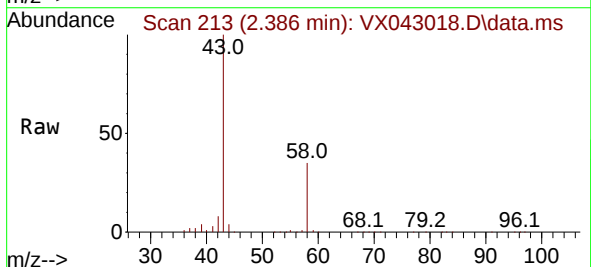
Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVEDL

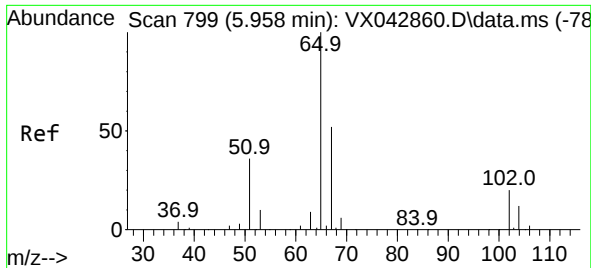
Tgt Ion:128 Resp: 26382
Ion Ratio Lower Upper
128 100
49 174.9 0.0 400.5
130 126.0 0.0 333.0



#15
Acetone
Concen: 159.506 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX043018.D
Acq: 13 Aug 2024 16:29

Tgt Ion: 58 Resp: 55493
Ion Ratio Lower Upper
58 100
43 285.8 269.9 404.9

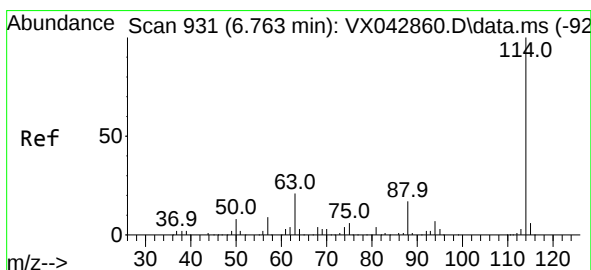
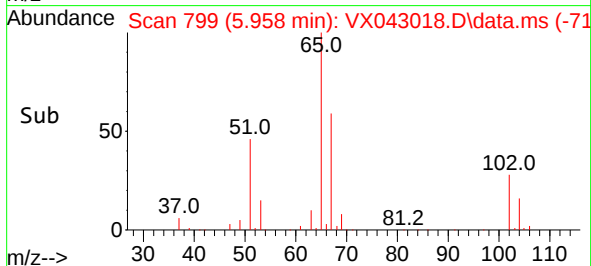
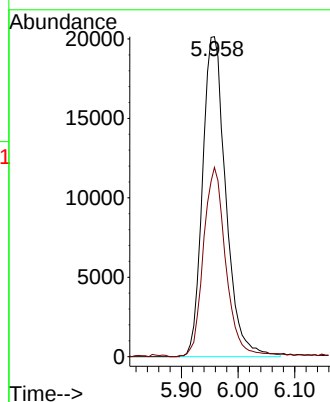
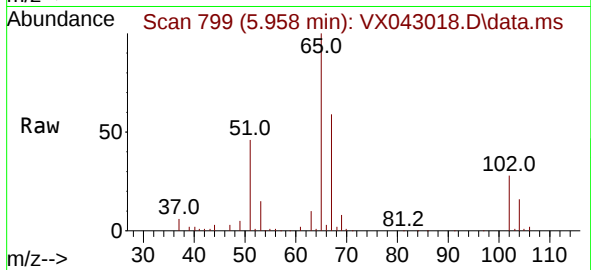




#27
 1,2-Dichloroethane-d4
 Concen: 26.848 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX043018.D
 Acq: 13 Aug 2024 16:29

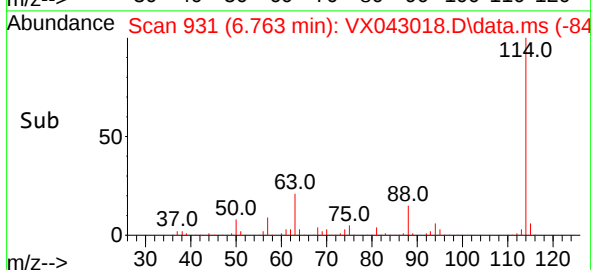
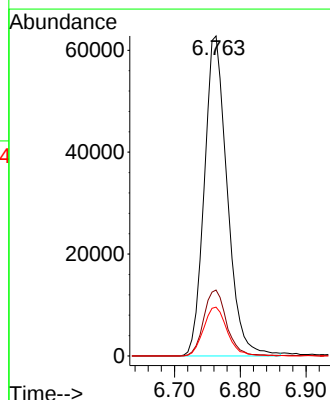
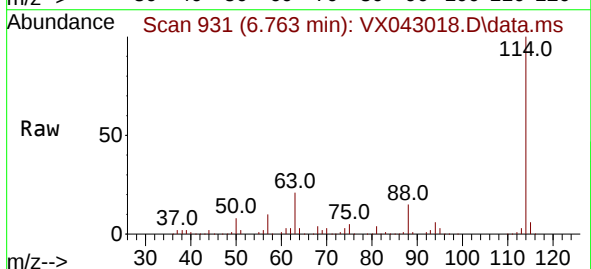
Instrument :
 MSVOA_X
 ClientSampleId :
 002-35TH-AVEDL

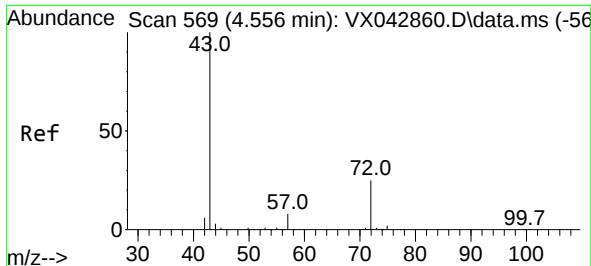
Tgt Ion: 65 Resp: 57336
 Ion Ratio Lower Upper
 65 100
 67 57.5 40.6 60.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX043018.D
 Acq: 13 Aug 2024 16:29

Tgt Ion: 114 Resp: 152268
 Ion Ratio Lower Upper
 114 100
 63 20.7 16.0 24.0
 88 15.7 12.5 18.7

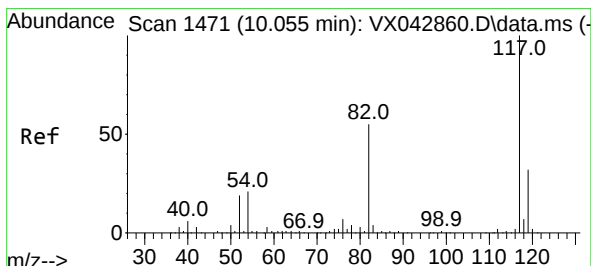
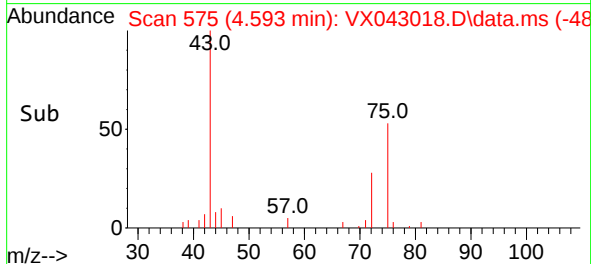
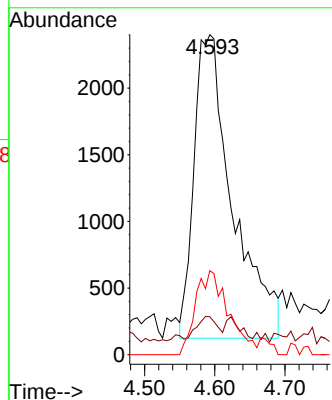
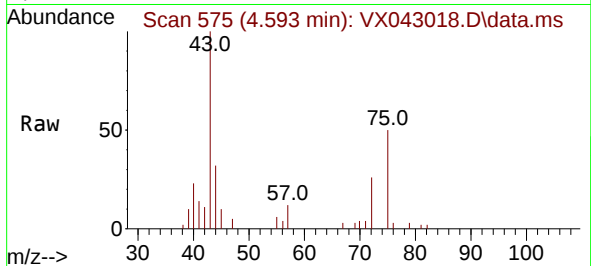




#30
2-Butanone
Concen: 5.209 ug/l m
RT: 4.593 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX043018.D
Acq: 13 Aug 2024 16:29

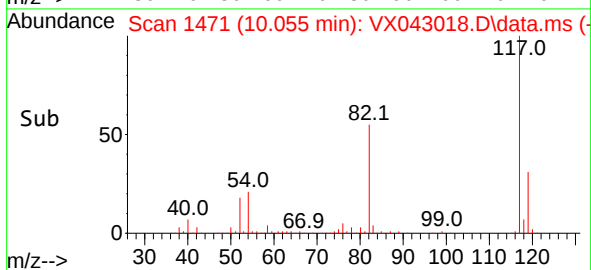
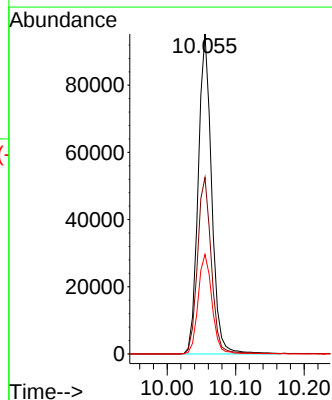
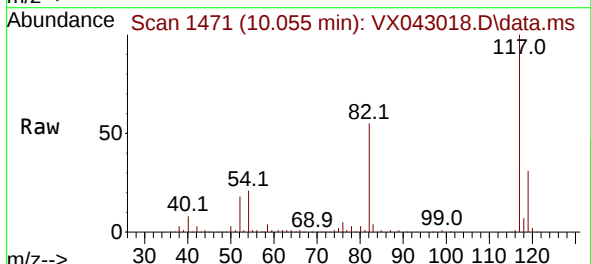
Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVEDL

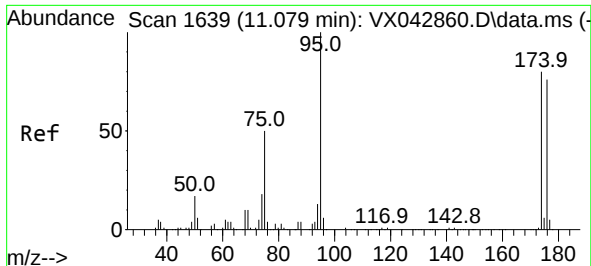
Tgt Ion: 43 Resp: 8722
Ion Ratio Lower Upper
43 100
57 4.7 6.6 10.0#
72 8.5 21.0 31.4#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043018.D
Acq: 13 Aug 2024 16:29

Tgt Ion: 117 Resp: 130423
Ion Ratio Lower Upper
117 100
82 56.4 44.9 67.3
119 31.9 25.4 38.2

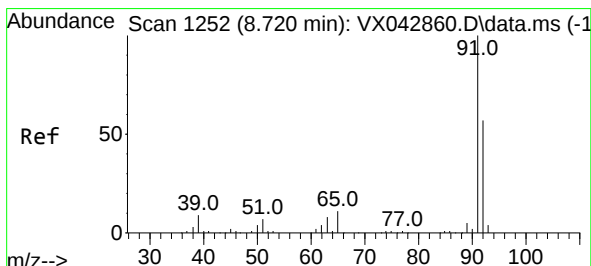
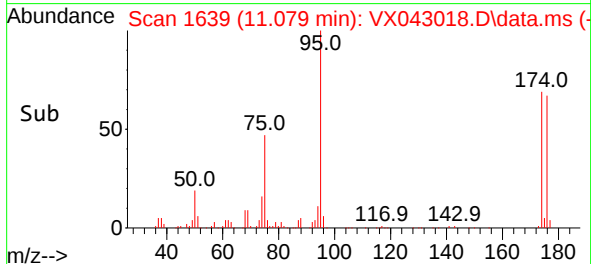
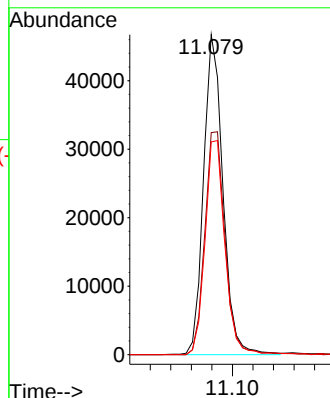
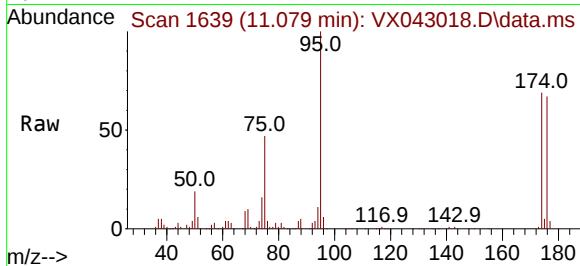




#60
4-Bromofluorobenzene
Concen: 27.654 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043018.D
Acq: 13 Aug 2024 16:29

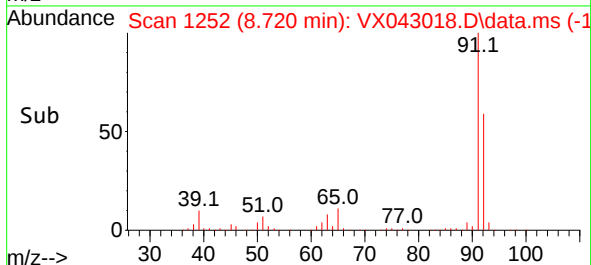
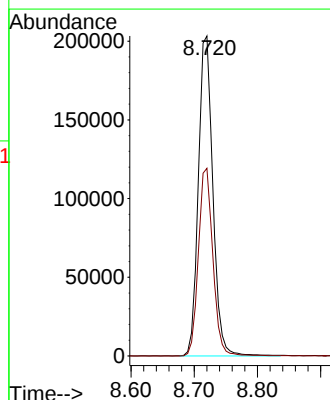
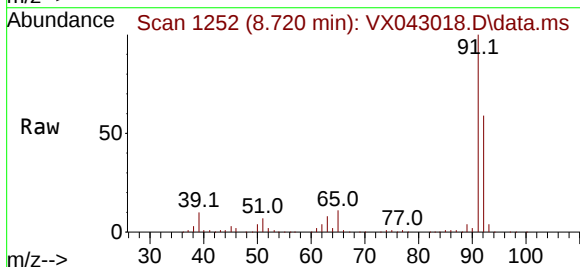
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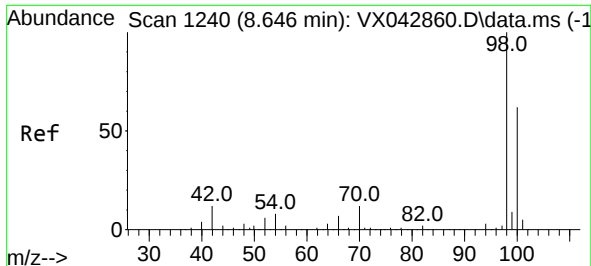
Tgt Ion: 95 Resp: 61229
Ion Ratio Lower Upper
95 100
174 72.9 65.0 97.6
176 68.5 63.4 95.0



#62
Toluene
Concen: 43.701 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX043018.D
Acq: 13 Aug 2024 16:29

Tgt Ion: 91 Resp: 325579
Ion Ratio Lower Upper
91 100
92 58.3 45.7 68.5

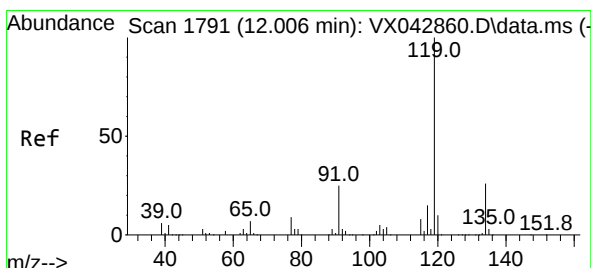
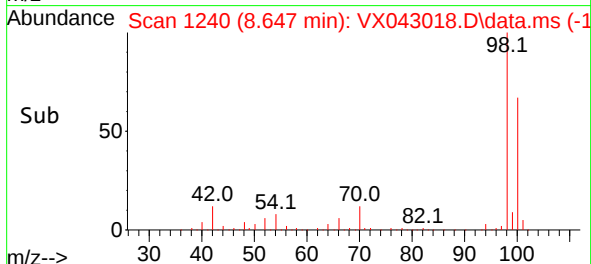
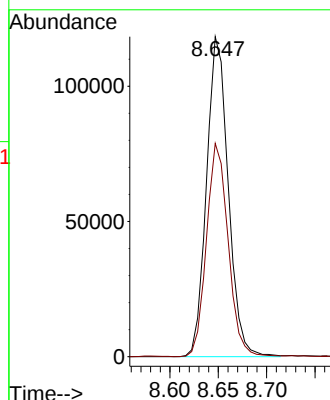
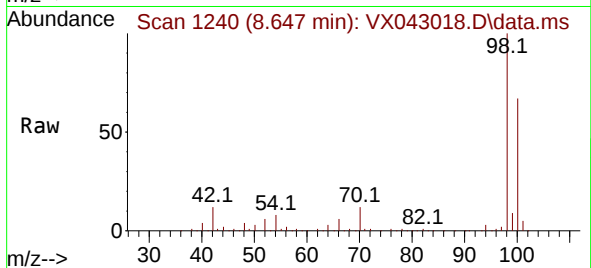




#63
Toluene-d8
Concen: 30.859 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043018.D
Acq: 13 Aug 2024 16:29

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVEDL

Tgt Ion: 98 Resp: 184886
Ion Ratio Lower Upper
98 100
100 66.5 50.9 76.3



#82
p-Isopropyltoluene
Concen: 0.678 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VX043018.D
Acq: 13 Aug 2024 16:29

Tgt Ion: 119 Resp: 4376
Ion Ratio Lower Upper
119 100
134 27.0 0.0 51.8
91 28.3 0.0 48.4

