

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081624\
 Data File : VX043071.D
 Acq On : 16 Aug 2024 13:15
 Operator : JC/MD
 Sample : P3606-06DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 002-35TH-AVE(AUG)DL

Quant Time: Aug 16 23:55:04 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)

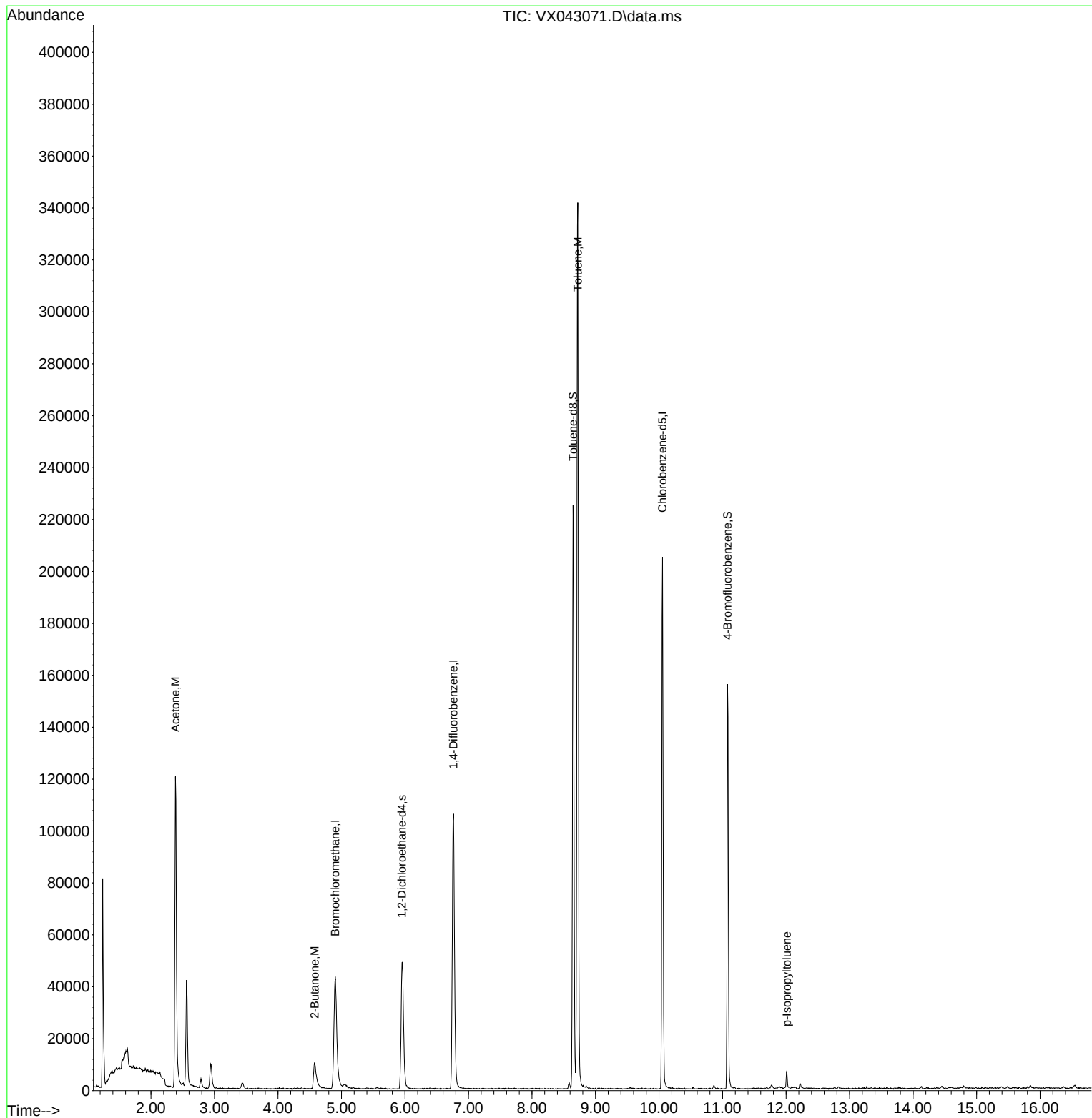
Internal Standards						
1) Bromochloromethane	4.898	128	19837	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	112998	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	97115	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	44911	27.969	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	93.233%
60) 4-Bromofluorobenzene	11.079	95	43316	26.274	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	87.567%
63) Toluene-d8	8.647	98	135451	30.362	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.200%
Target Compounds						
					Qvalue	
15) Acetone	2.386	58	43698	167.044	ug/l	81
30) 2-Butanone	4.574	43	18922	15.227	ug/l	97
62) Toluene	8.720	91	229723	41.410	ug/l	98
82) p-Isopropyltoluene	12.012	119	3334	0.694	ug/l	97

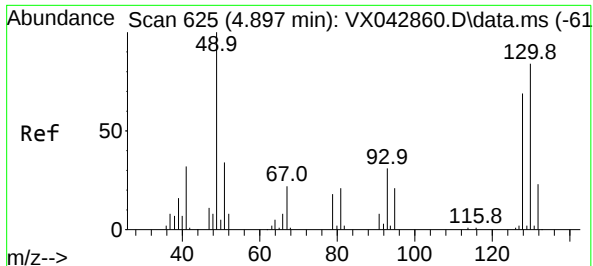
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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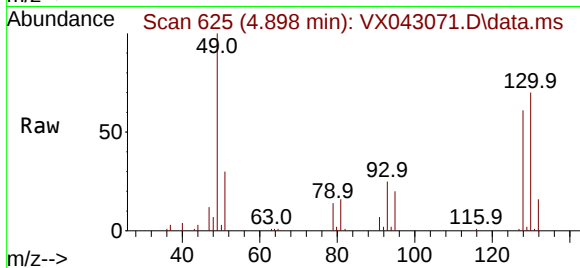
Quant Time: Aug 16 23:55:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X081324W.M
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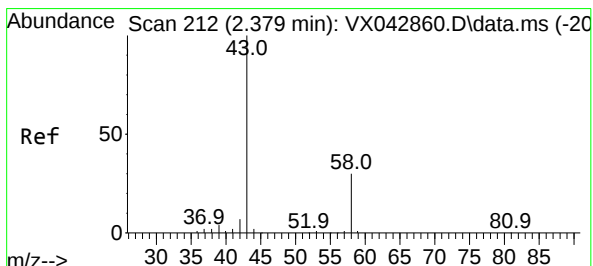
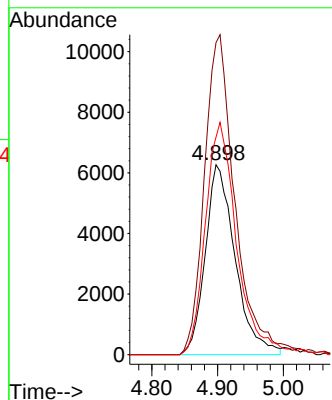
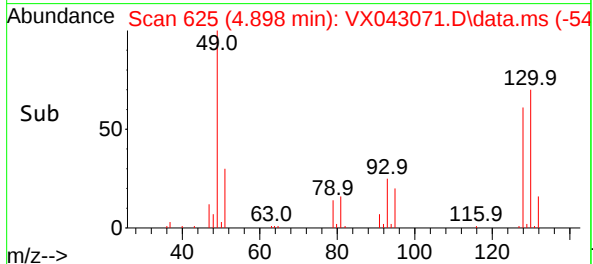


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX043071.D
Acq: 16 Aug 2024 13:15

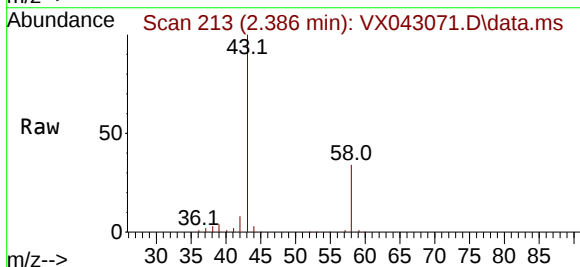
Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(AUG)DL



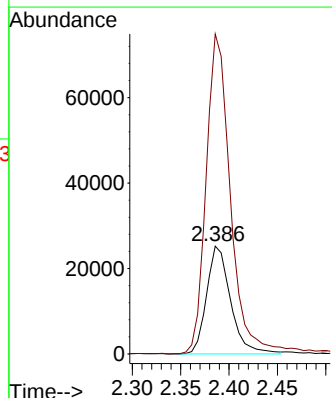
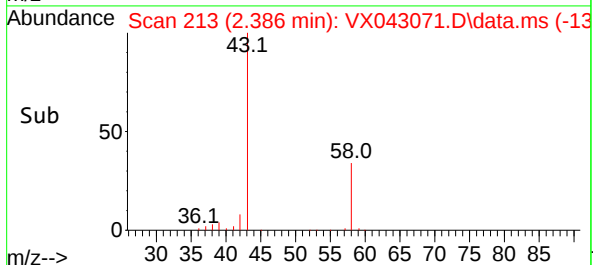
Tgt Ion	Ratio	Lower	Upper
128	100		
49	172.6	0.0	400.5
130	127.5	0.0	333.0

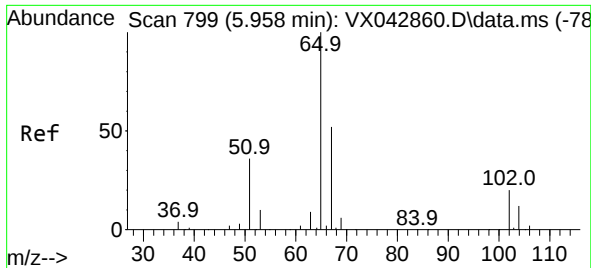


#15
Acetone
Concen: 167.044 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX043071.D
Acq: 16 Aug 2024 13:15



Tgt Ion	Ratio	Lower	Upper
58	100		
43	296.5	269.9	404.9





#27

1,2-Dichloroethane-d4

Concen: 27.969 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX043071.D

Acq: 16 Aug 2024 13:15

Instrument :

MSVOA_X

ClientSampleId :

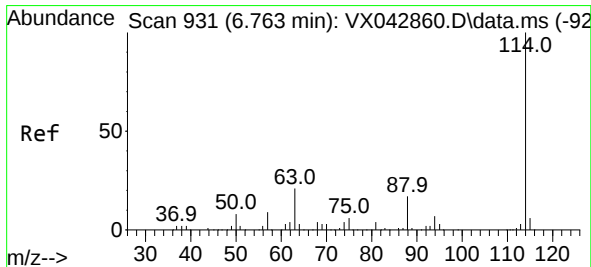
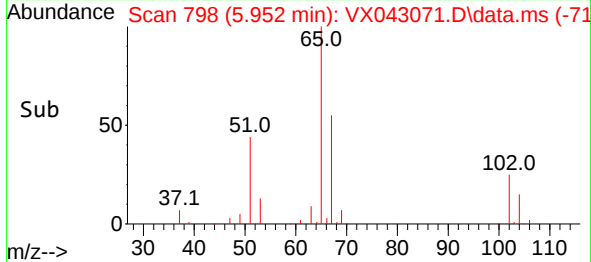
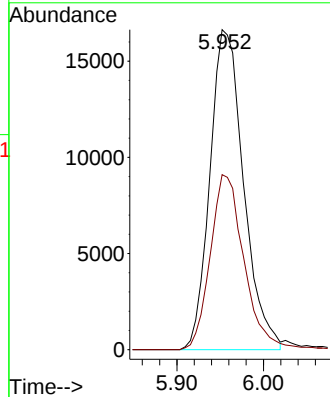
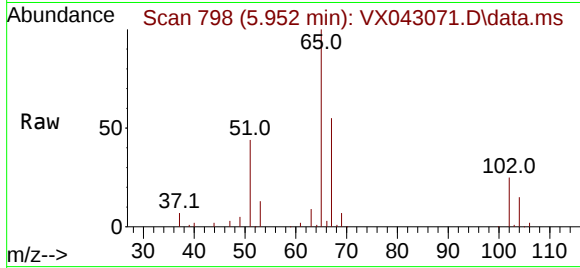
002-35TH-AVE(AUG)DL

Tgt Ion: 65 Resp: 44911

Ion Ratio Lower Upper

65 100

67 54.7 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: VX043071.D

Acq: 16 Aug 2024 13:15

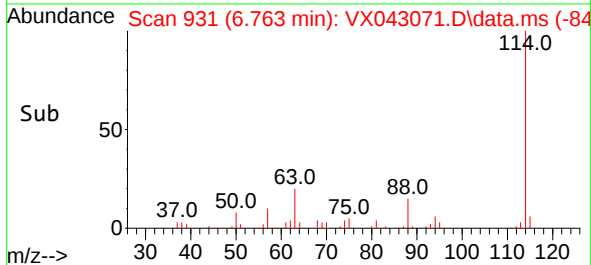
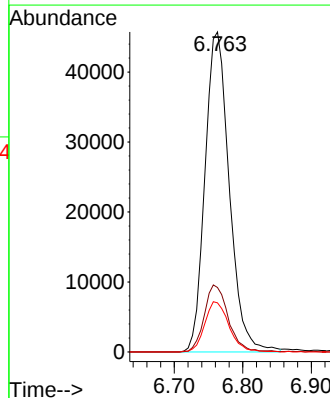
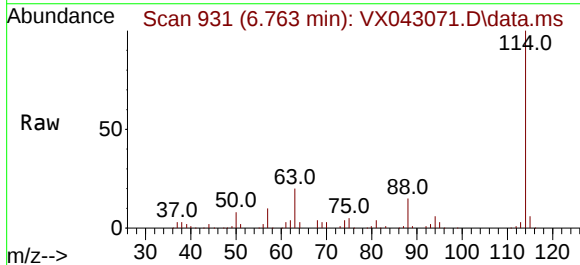
Tgt Ion: 114 Resp: 112998

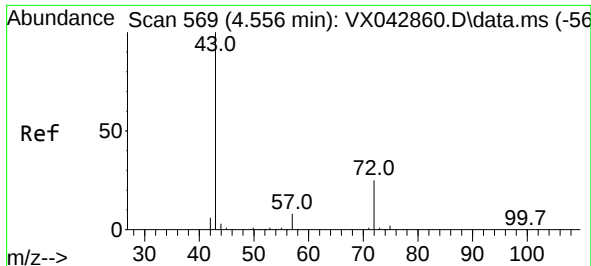
Ion Ratio Lower Upper

114 100

63 20.5 16.0 24.0

88 15.6 12.5 18.7

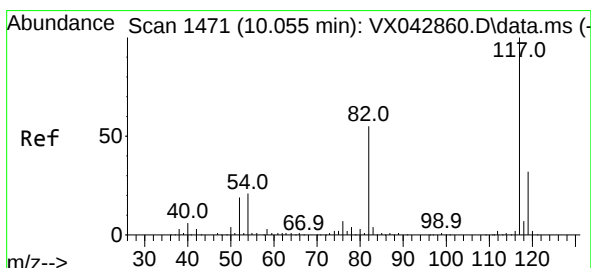
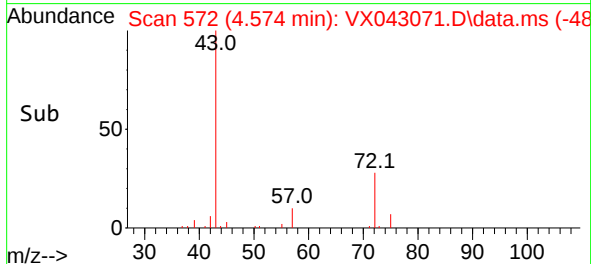
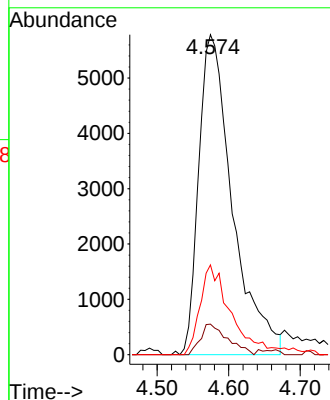
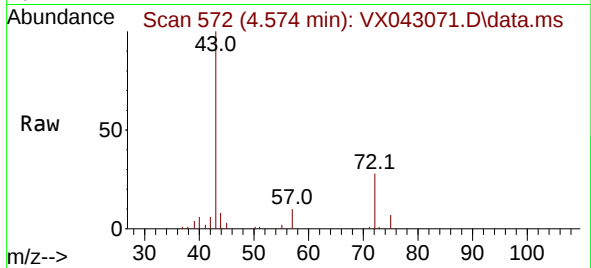




#30
2-Butanone
Concen: 15.227 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX043071.D
Acq: 16 Aug 2024 13:15

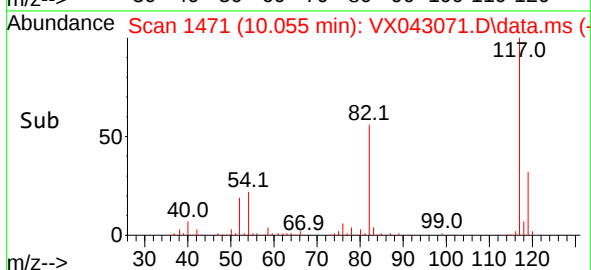
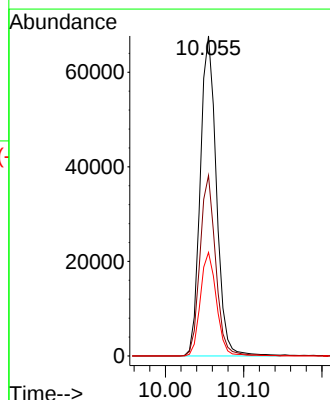
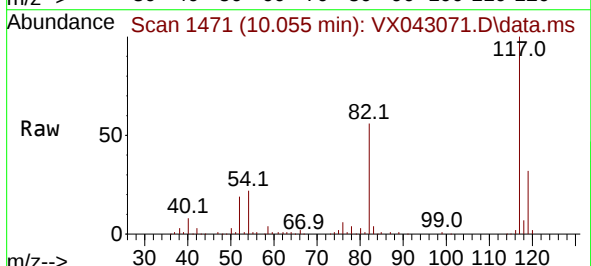
Instrument :
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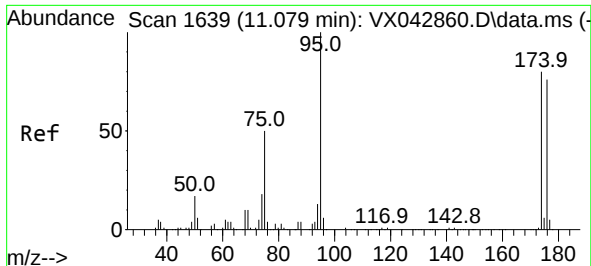
Tgt Ion: 43 Resp: 18922
Ion Ratio Lower Upper
43 100
57 7.7 6.6 10.0
72 24.3 21.0 31.4



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043071.D
Acq: 16 Aug 2024 13:15

Tgt Ion: 117 Resp: 97115
Ion Ratio Lower Upper
117 100
82 54.7 44.9 67.3
119 32.1 25.4 38.2

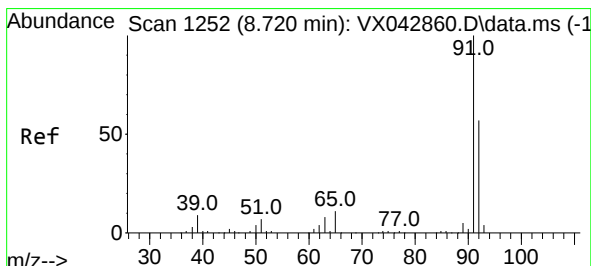
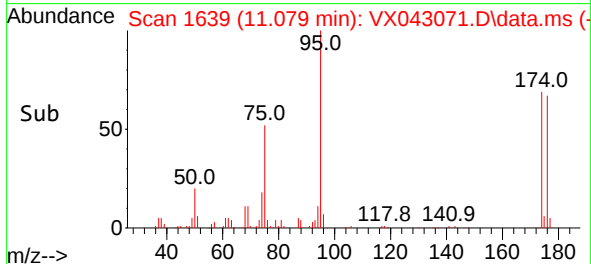
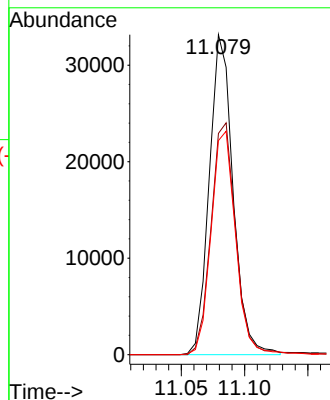
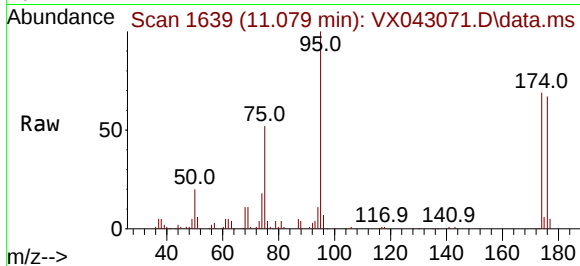




#60
4-Bromofluorobenzene
Concen: 26.274 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043071.D
Acq: 16 Aug 2024 13:15

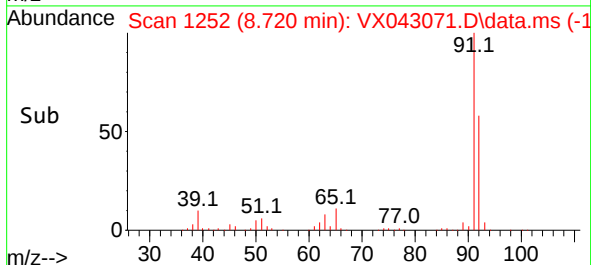
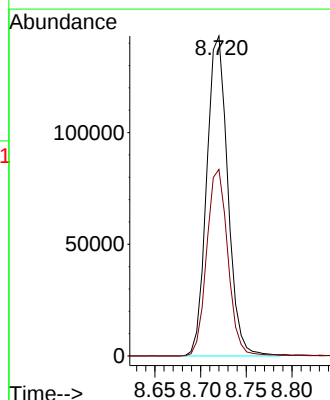
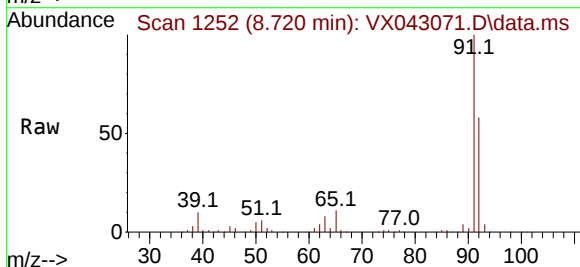
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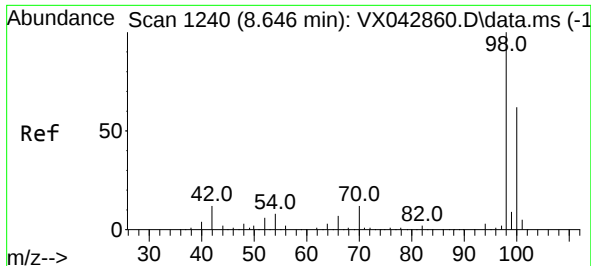
Tgt Ion: 95 Resp: 43316
Ion Ratio Lower Upper
95 100
174 75.5 65.0 97.6
176 72.4 63.4 95.0



#62
Toluene
Concen: 41.410 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX043071.D
Acq: 16 Aug 2024 13:15

Tgt Ion: 91 Resp: 229723
Ion Ratio Lower Upper
91 100
92 58.6 45.7 68.5

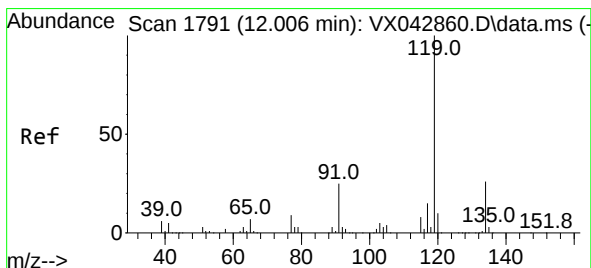
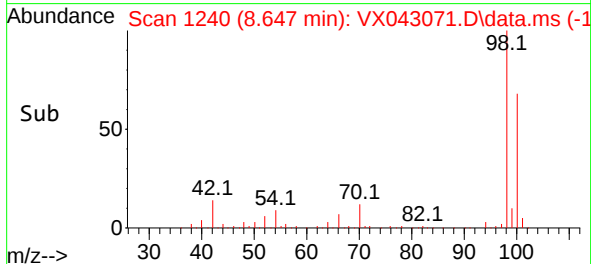
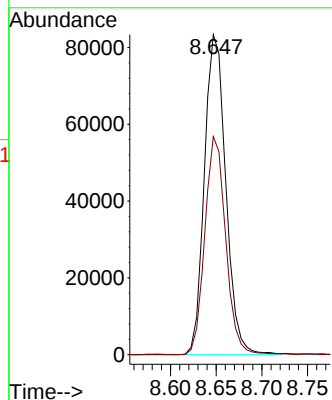
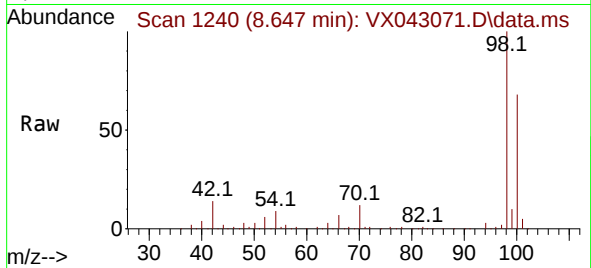




#63
Toluene-d8
Concen: 30.362 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043071.D
Acq: 16 Aug 2024 13:15

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(AUG)DL

Tgt Ion: 98 Resp: 135451
Ion Ratio Lower Upper
98 100
100 66.3 50.9 76.3



#82
p-Isopropyltoluene
Concen: 0.694 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VX043071.D
Acq: 16 Aug 2024 13:15

Tgt Ion: 119 Resp: 3334
Ion Ratio Lower Upper
119 100
134 28.9 0.0 51.8
91 24.3 0.0 48.4

