

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072823\
 Data File : VX036703.D
 Acq On : 28 Jul 2023 13:40
 Operator : JC/MD
 Sample : 03790-02DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Jul 28 16:17:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X071423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 14 04:32:22 2023
 Response via : Initial Calibration

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

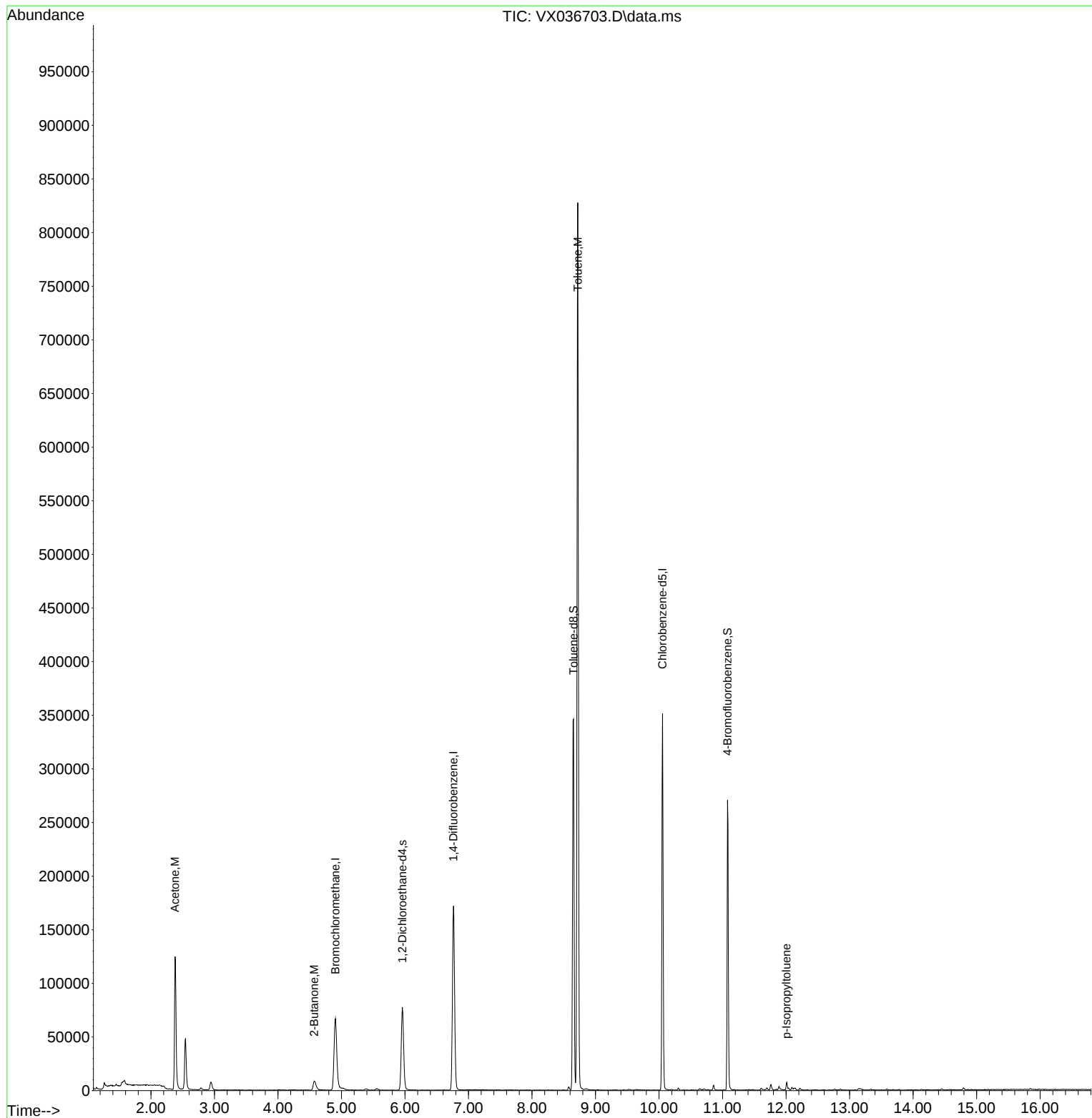
Internal Standards						
1) Bromochloromethane	4.904	128	29309	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	175446	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	152822	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	73202	30.093	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.300%
60) 4-Bromofluorobenzene	11.079	95	73262	29.554	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.500%
63) Toluene-d8	8.653	98	210688	29.960	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.867%
Target Compounds						
					Qvalue	
15) Acetone	2.380	58	42316	132.265	ug/l	93
30) 2-Butanone	4.568	43	8904	5.345	ug/l #	83
62) Toluene	8.720	91	527890	61.565	ug/l	97
82) p-Isopropyltoluene	12.006	119	3094	0.403	ug/l	94

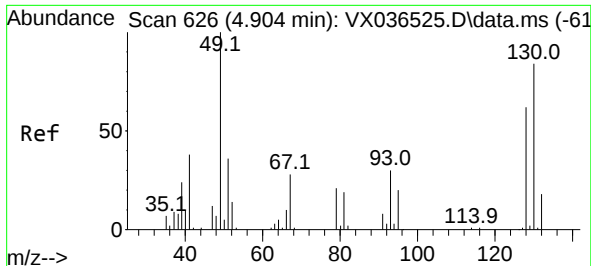
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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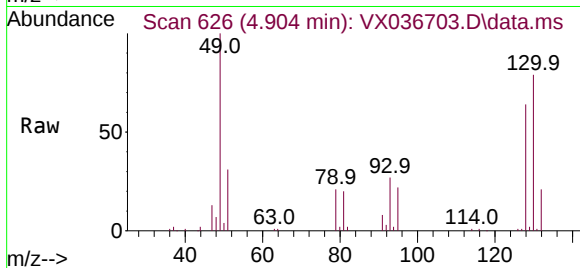
Quant Time: Jul 28 16:17:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X071423W.M
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QLast Update : Fri Jul 14 04:32:22 2023
Response via : Initial Calibration



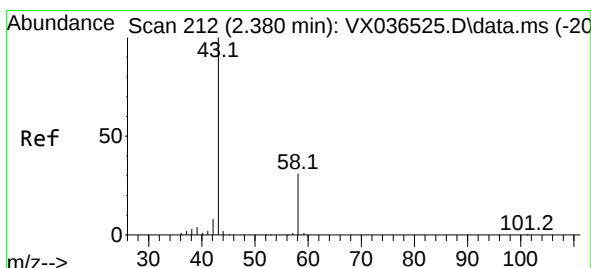
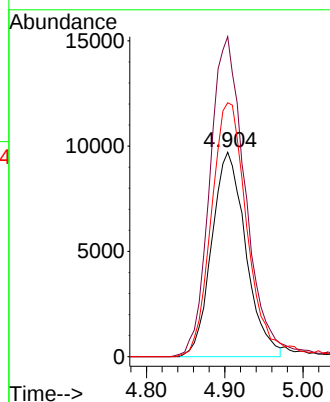
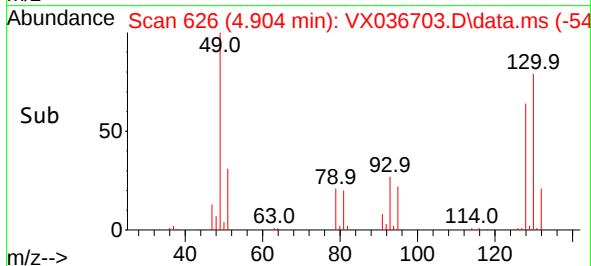


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX036703.D
Acq: 28 Jul 2023 13:40

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

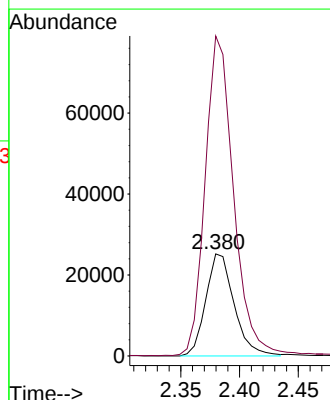
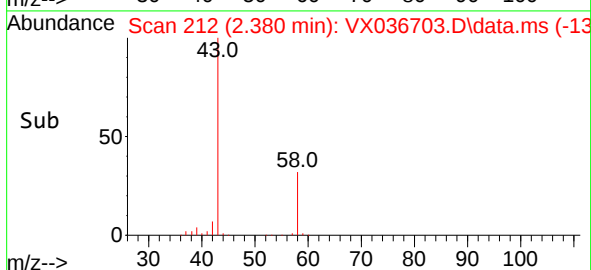
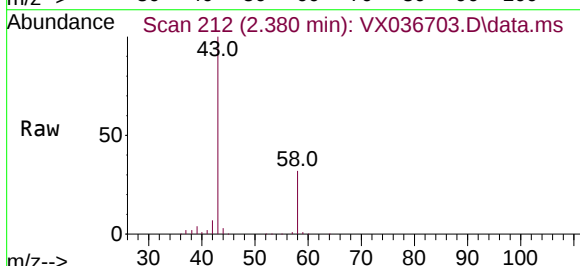


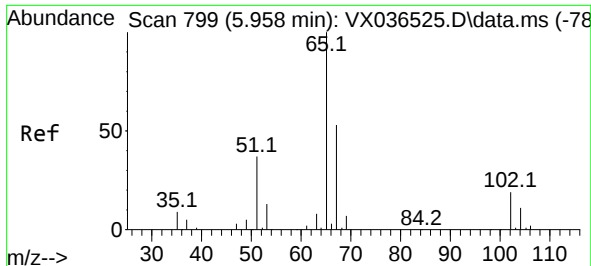
Tgt Ion	Ratio	Lower	Upper
128	100		
49	164.6	0.0	406.3
130	129.2	0.0	328.0



#15
Acetone
Concen: 132.265 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX036703.D
Acq: 28 Jul 2023 13:40

Tgt Ion	Ratio	Lower	Upper
58	100		
43	311.8	261.0	391.4

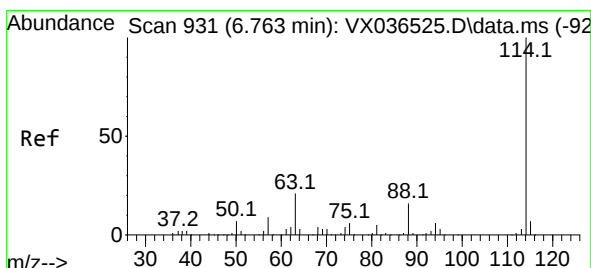
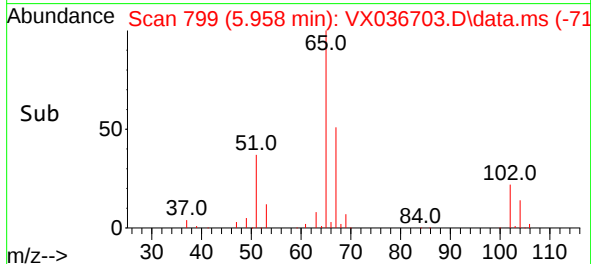
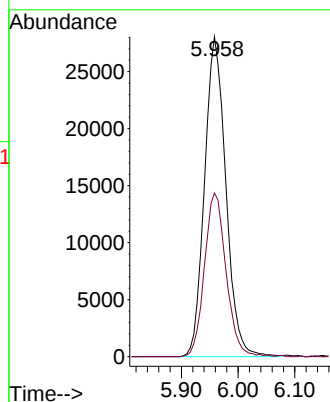
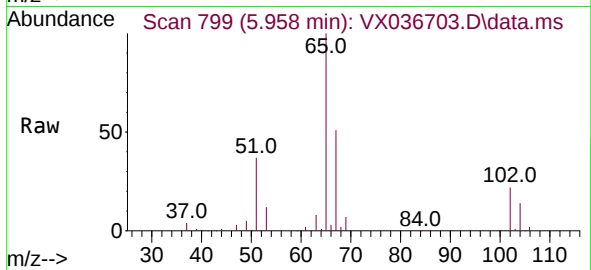




#27
 1,2-Dichloroethane-d4
 Concen: 30.093 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX036703.D
 Acq: 28 Jul 2023 13:40

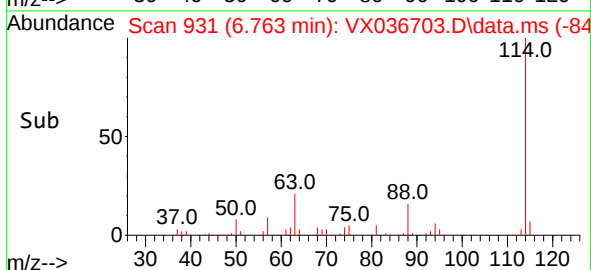
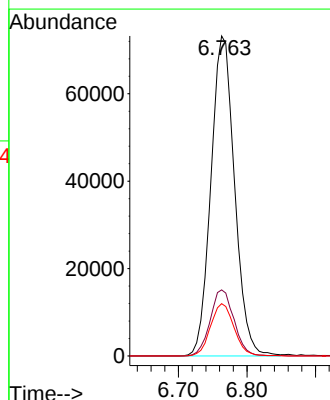
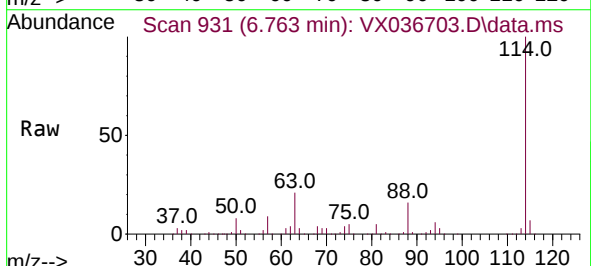
Instrument :
 MSVOA_X
 ClientSampleId :
 002-35TH-AVE-(JUNE)DL

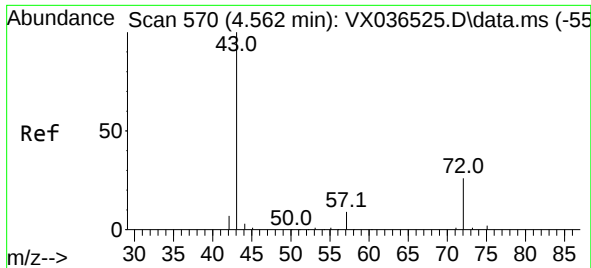
Tgt Ion: 65 Resp: 73202
 Ion Ratio Lower Upper
 65 100
 67 51.7 42.1 63.1



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX036703.D
 Acq: 28 Jul 2023 13:40

Tgt Ion: 114 Resp: 175446
 Ion Ratio Lower Upper
 114 100
 63 20.8 16.6 24.8
 88 16.3 12.9 19.3

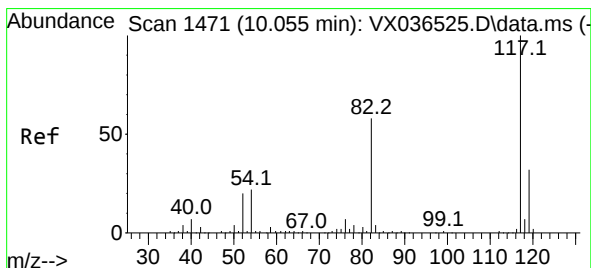
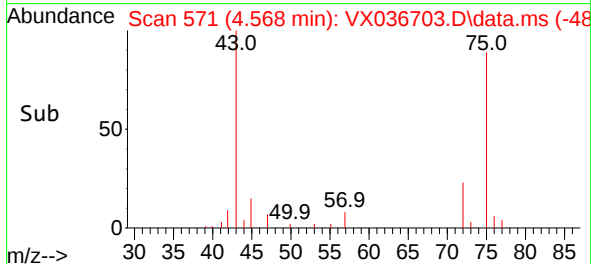
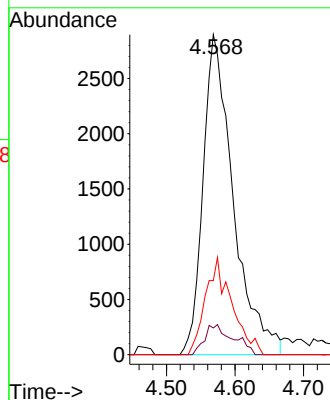
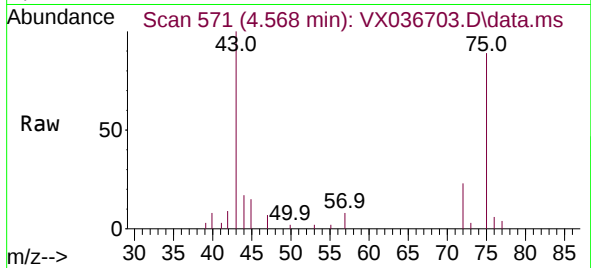




#30
2-Butanone
Concen: 5.345 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX036703.D
Acq: 28 Jul 2023 13:40

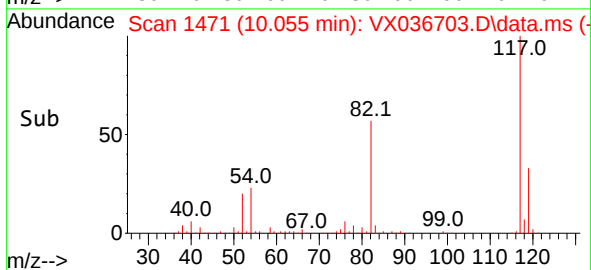
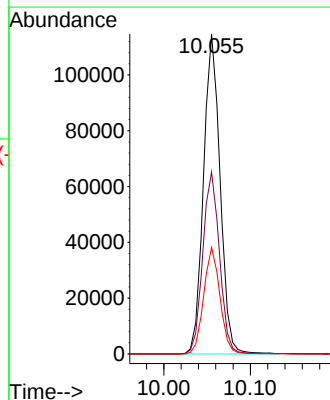
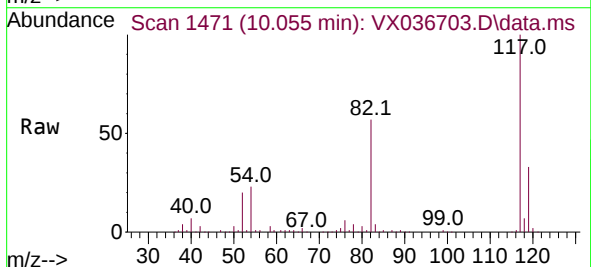
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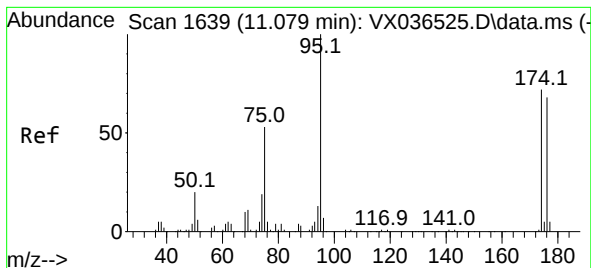
Tgt Ion: 43 Resp: 8904
Ion Ratio Lower Upper
43 100
57 7.6 6.4 9.6
72 15.9 21.6 32.4#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036703.D
Acq: 28 Jul 2023 13:40

Tgt Ion: 117 Resp: 152822
Ion Ratio Lower Upper
117 100
82 57.4 44.7 67.1
119 32.6 25.6 38.4

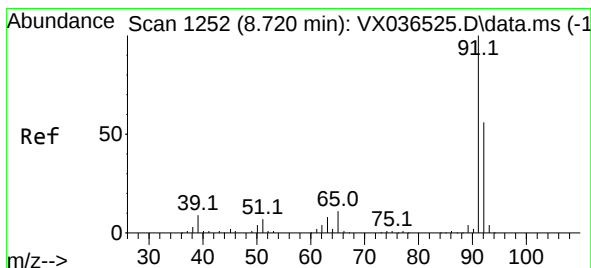
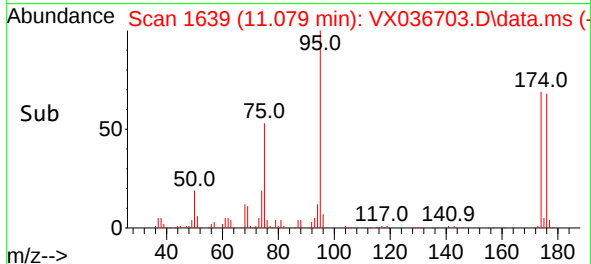
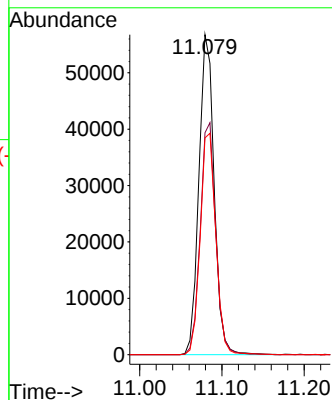
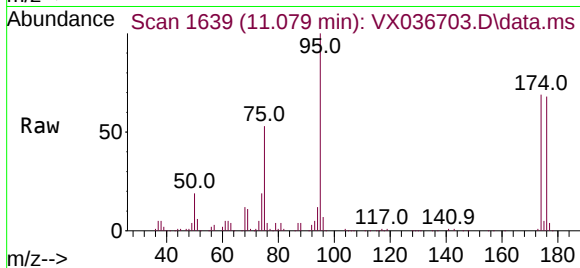




#60
4-Bromofluorobenzene
Concen: 29.554 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036703.D
Acq: 28 Jul 2023 13:40

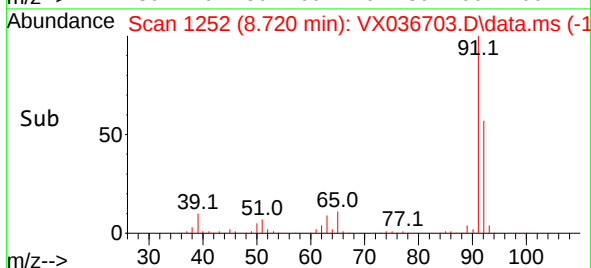
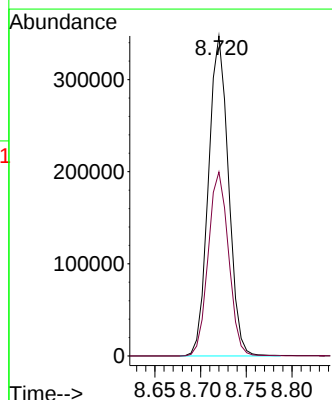
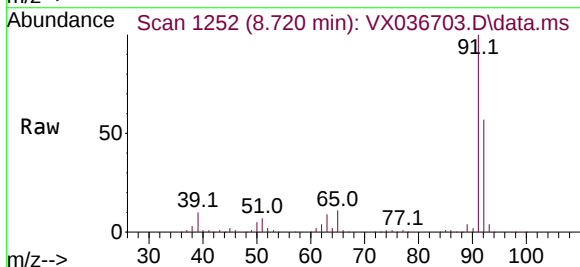
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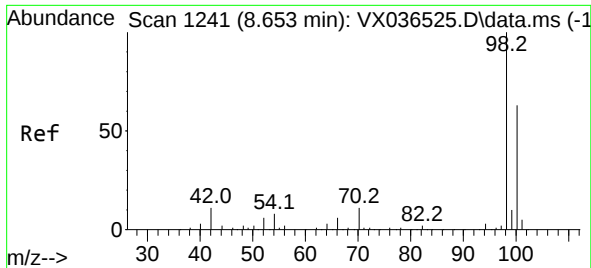
Tgt Ion: 95 Resp: 73262
Ion Ratio Lower Upper
95 100
174 73.0 60.5 90.7
176 70.9 58.2 87.4



#62
Toluene
Concen: 61.565 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX036703.D
Acq: 28 Jul 2023 13:40

Tgt Ion: 91 Resp: 527890
Ion Ratio Lower Upper
91 100
92 58.4 44.9 67.3

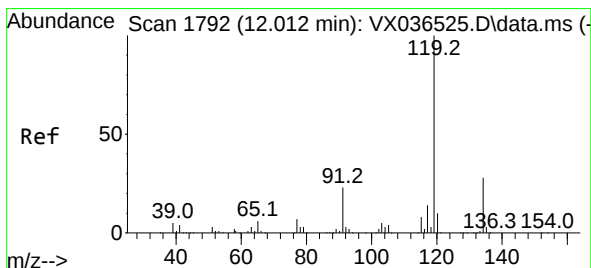
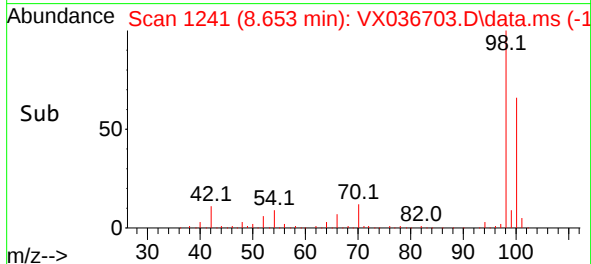
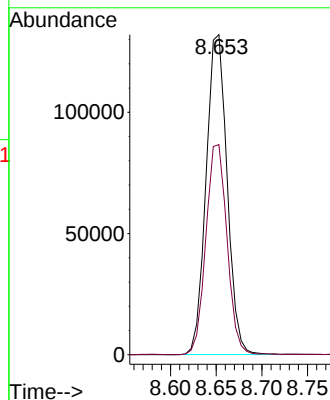
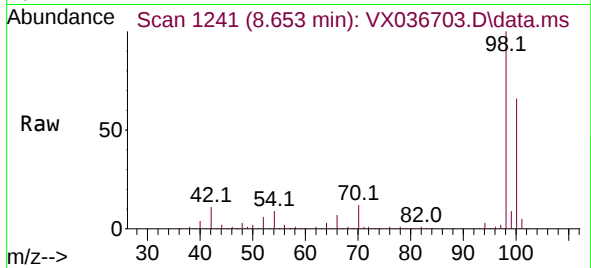




#63
Toluene-d8
Concen: 29.960 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036703.D
Acq: 28 Jul 2023 13:40

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

Tgt Ion: 98 Resp: 210688
Ion Ratio Lower Upper
98 100
100 66.0 51.6 77.4



#82
p-Isopropyltoluene
Concen: 0.403 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VX036703.D
Acq: 28 Jul 2023 13:40

Tgt Ion: 119 Resp: 3094
Ion Ratio Lower Upper
119 100
134 24.6 0.0 53.2
91 28.5 0.0 49.4

