

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072823\
 Data File : VX036705.D
 Acq On : 28 Jul 2023 14:29
 Operator : JC/MD
 Sample : 03790-04DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Jul 28 16:18:10 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)

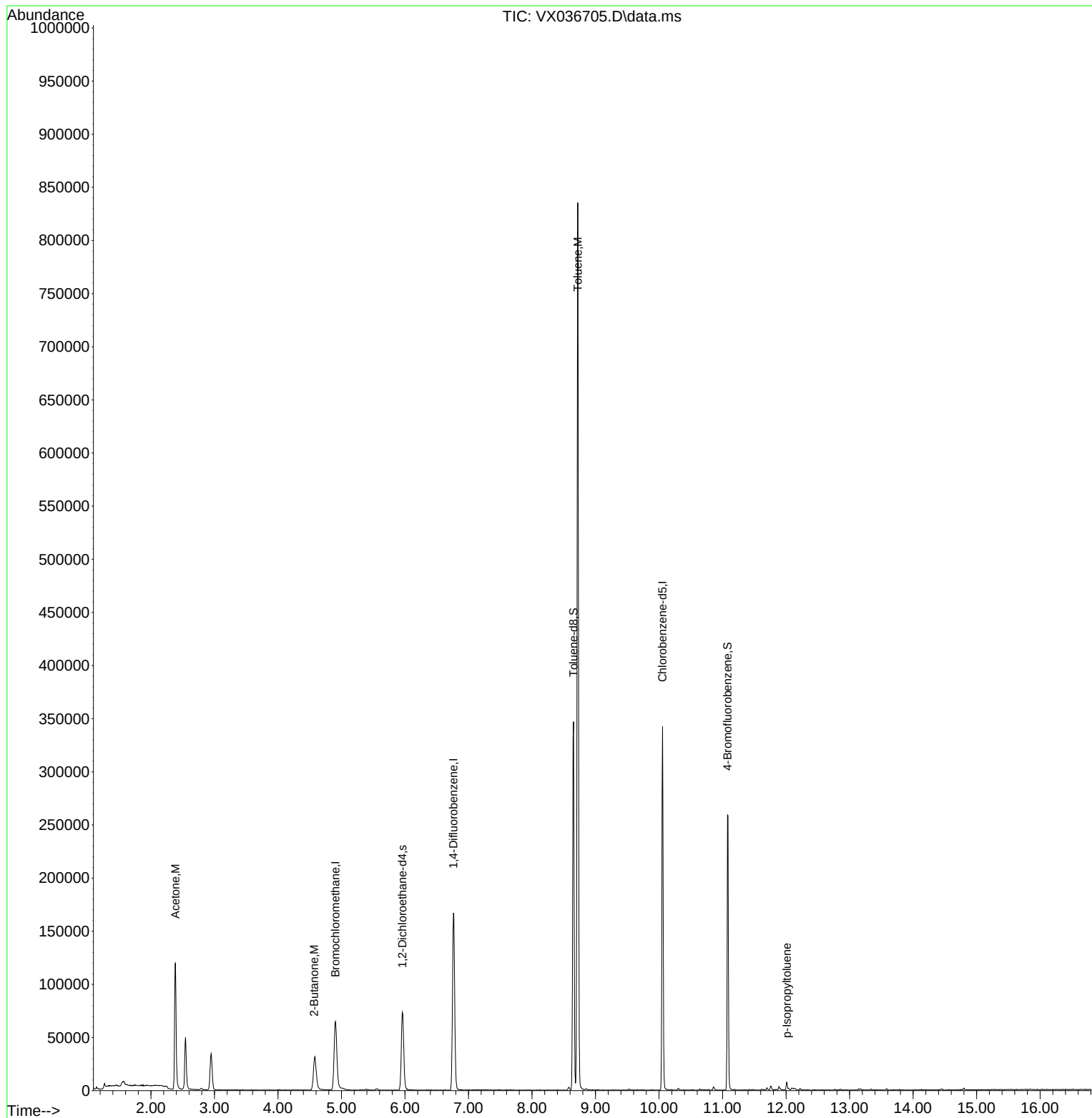
Internal Standards						
1) Bromochloromethane	4.903	128	28331	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	173790	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	150655	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	71138	30.254	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.833%
60) 4-Bromofluorobenzene	11.079	95	71312	29.181	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	97.267%
63) Toluene-d8	8.653	98	205164	29.594	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.633%
Target Compounds						
					Qvalue	
15) Acetone	2.385	58	42198	136.449	ug/l	94
30) 2-Butanone	4.568	43	9646	5.846	ug/l	95
62) Toluene	8.720	91	524994	62.108	ug/l	97
82) p-Isopropyltoluene	12.012	119	3151	0.417	ug/l	93

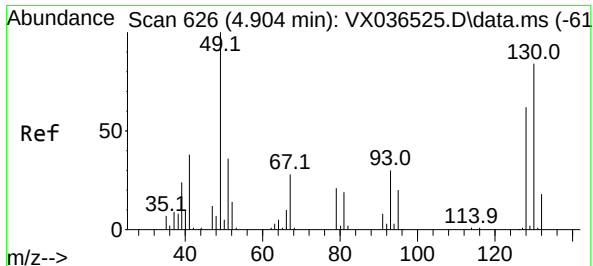
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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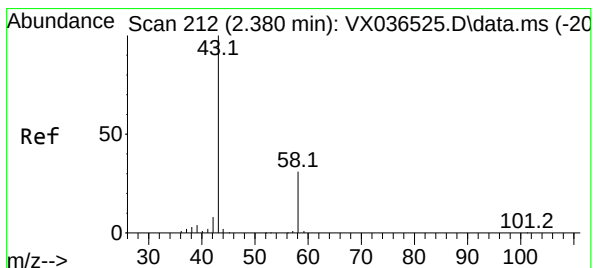
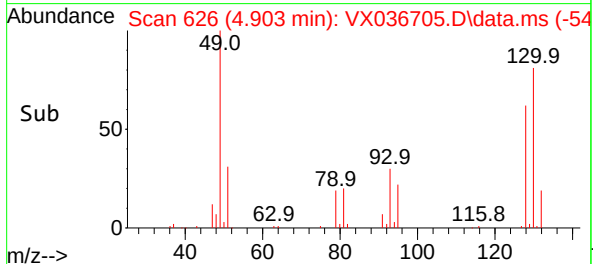
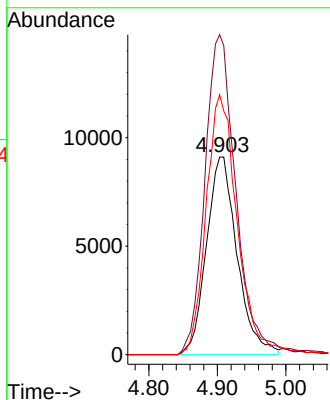
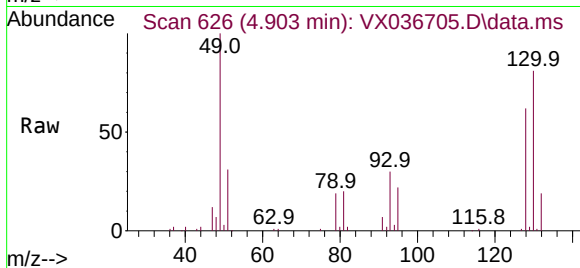




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. -0.001 min
Lab File: VX036705.D
Acq: 28 Jul 2023 14:29

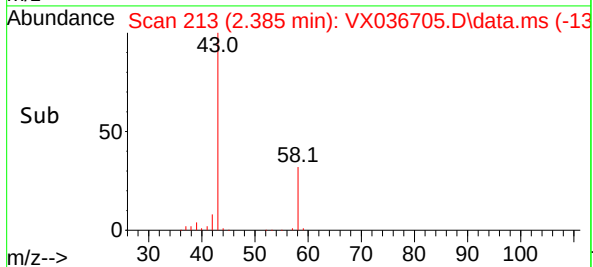
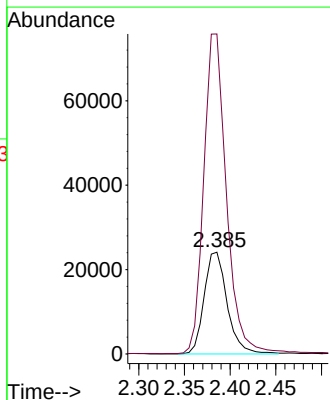
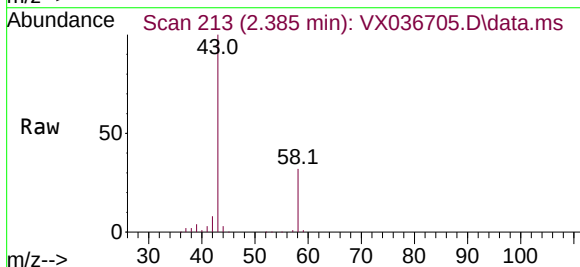
Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE-(JULY)DL

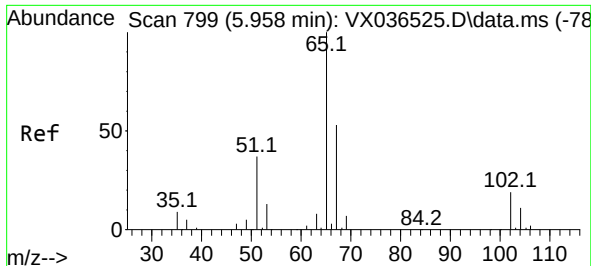
Tgt Ion:128 Resp: 28331
Ion Ratio Lower Upper
128 100
49 163.9 0.0 406.3
130 131.4 0.0 328.0



#15
Acetone
Concen: 136.449 ug/l
RT: 2.385 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX036705.D
Acq: 28 Jul 2023 14:29

Tgt Ion: 58 Resp: 42198
Ion Ratio Lower Upper
58 100
43 314.1 261.0 391.4





#27

1,2-Dichloroethane-d4

Concen: 30.254 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX036705.D

Acq: 28 Jul 2023 14:29

Instrument :

MSVOA_X

ClientSampleId :

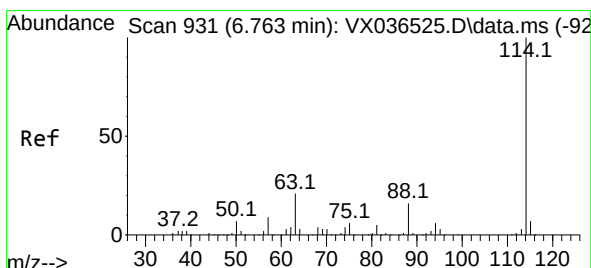
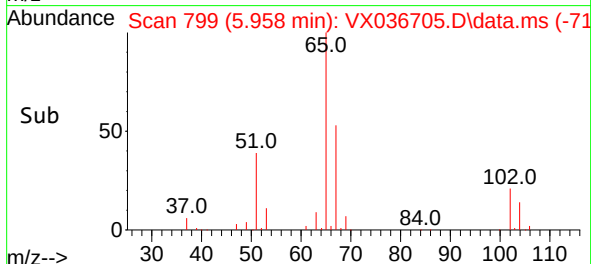
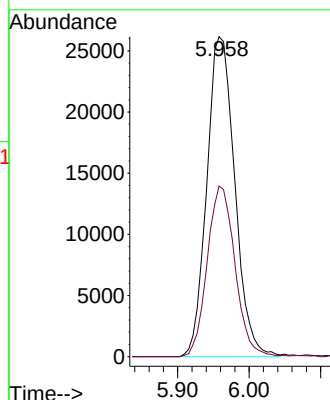
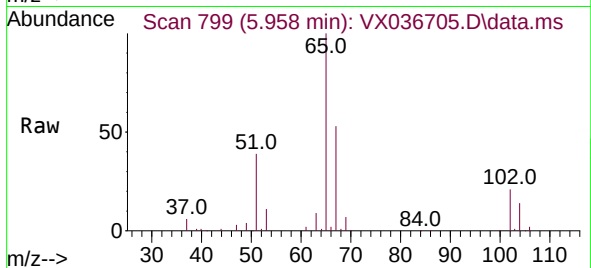
002-35TH-AVE-(JULY)DL

Tgt Ion: 65 Resp: 71138

Ion Ratio Lower Upper

65 100

67 52.8 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: VX036705.D

Acq: 28 Jul 2023 14:29

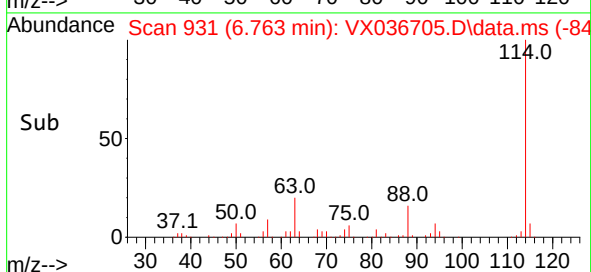
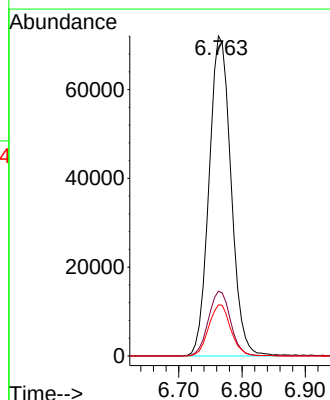
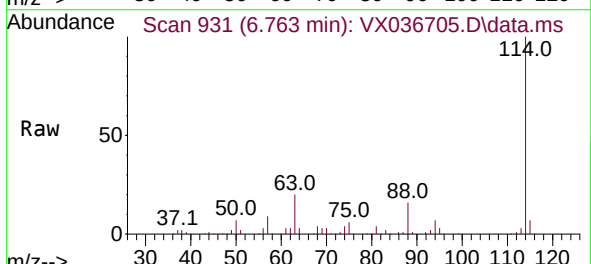
Tgt Ion: 114 Resp: 173790

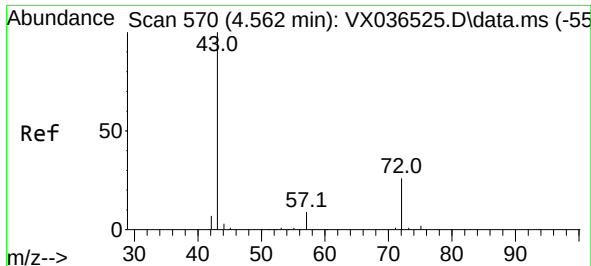
Ion Ratio Lower Upper

114 100

63 20.4 16.6 24.8

88 16.0 12.9 19.3

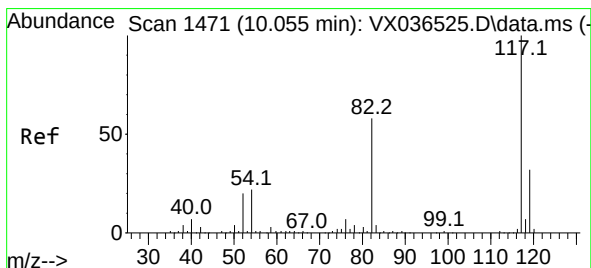
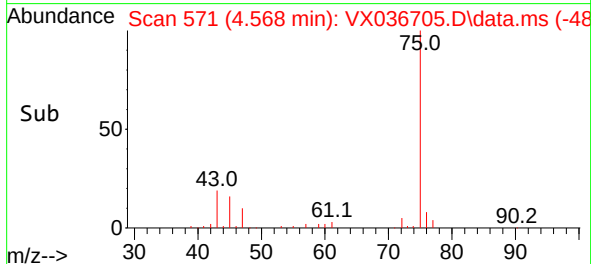
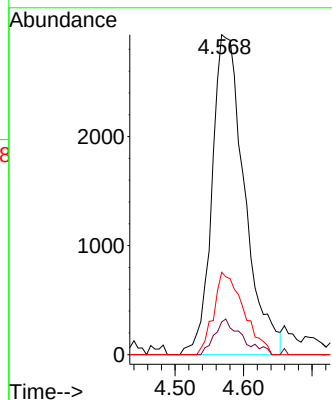
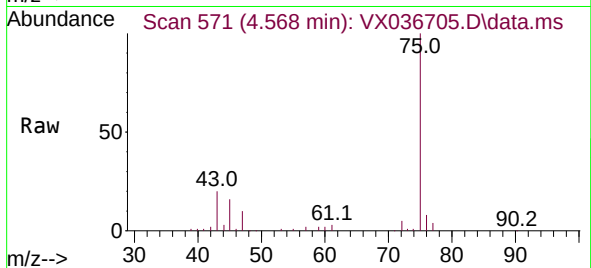




#30
2-Butanone
Concen: 5.846 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX036705.D
Acq: 28 Jul 2023 14:29

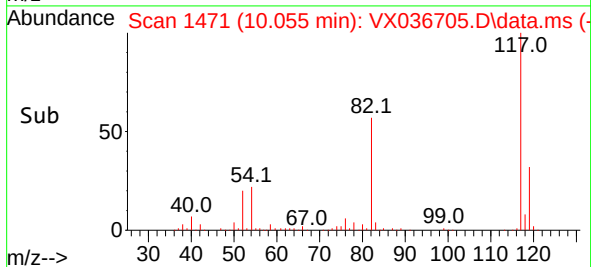
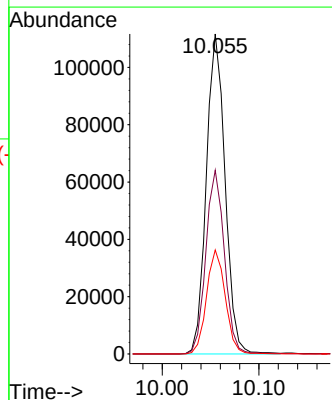
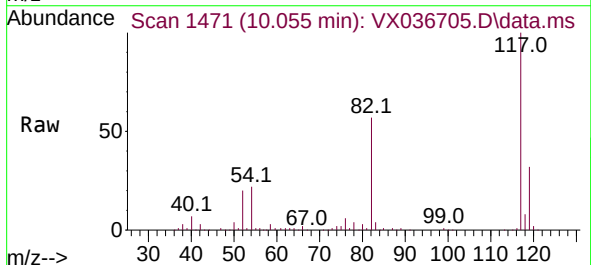
Instrument :
MSVOA_X
ClientSampleId :
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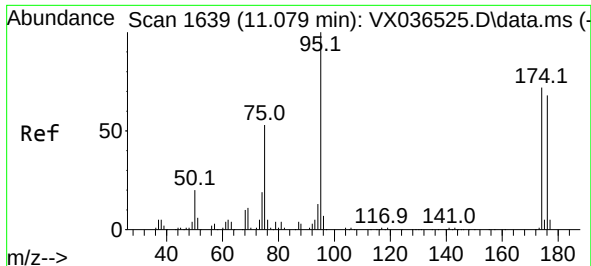
Tgt Ion: 43 Resp: 9646
Ion Ratio Lower Upper
43 100
57 8.3 6.4 9.6
72 23.8 21.6 32.4



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036705.D
Acq: 28 Jul 2023 14:29

Tgt Ion: 117 Resp: 150655
Ion Ratio Lower Upper
117 100
82 57.0 44.7 67.1
119 32.5 25.6 38.4

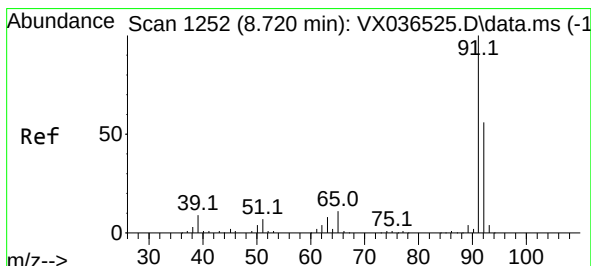
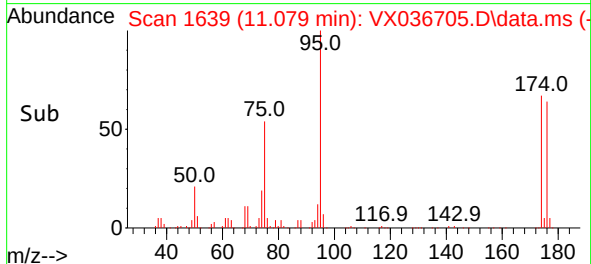
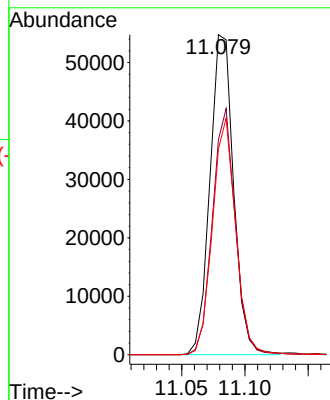
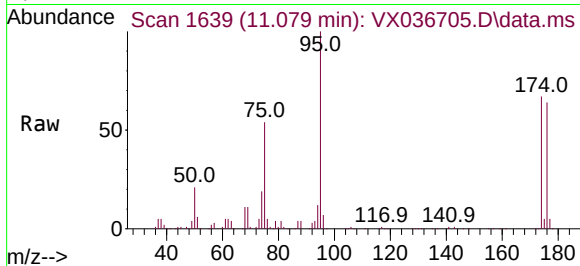




#60
4-Bromofluorobenzene
Concen: 29.181 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036705.D
Acq: 28 Jul 2023 14:29

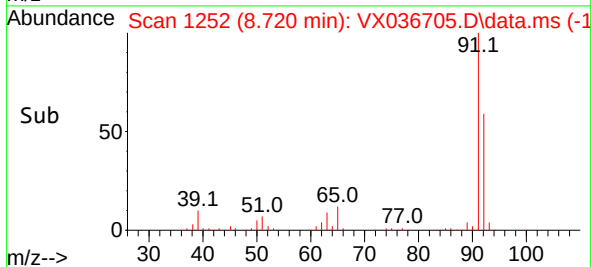
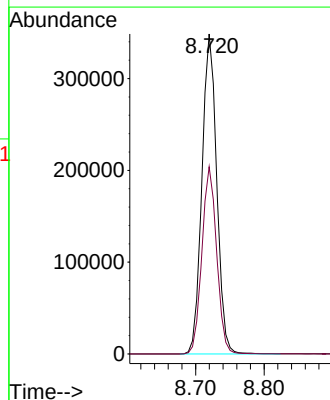
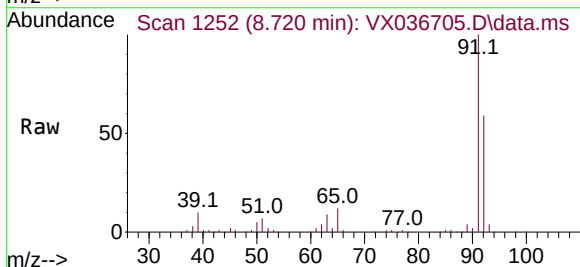
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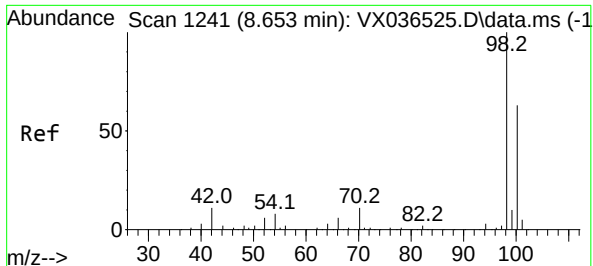
Tgt Ion: 95 Resp: 71312
Ion Ratio Lower Upper
95 100
174 74.2 60.5 90.7
176 72.4 58.2 87.4



#62
Toluene
Concen: 62.108 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX036705.D
Acq: 28 Jul 2023 14:29

Tgt Ion: 91 Resp: 524994
Ion Ratio Lower Upper
91 100
92 58.3 44.9 67.3

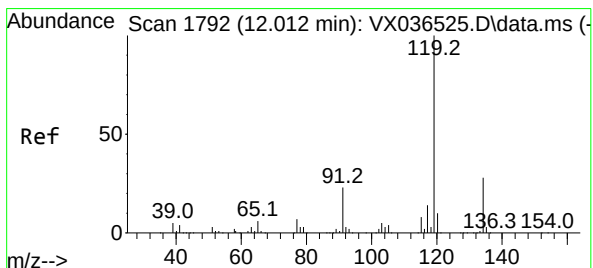
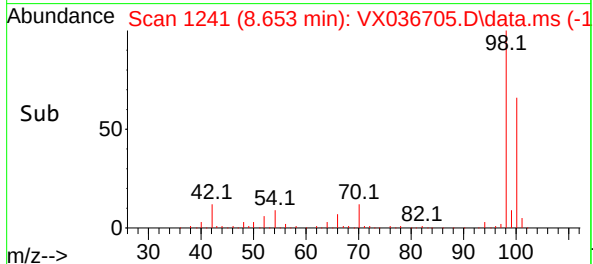
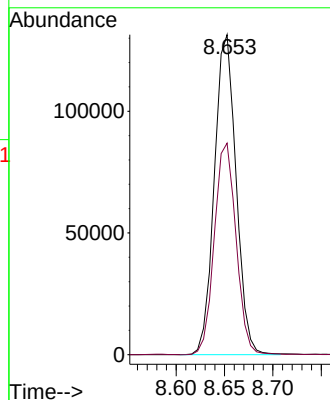
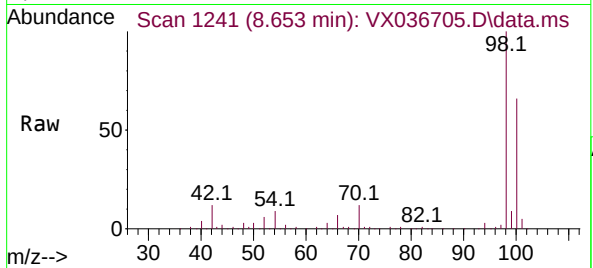




#63
Toluene-d8
Concen: 29.594 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036705.D
Acq: 28 Jul 2023 14:29

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

Tgt Ion: 98 Resp: 205164
Ion Ratio Lower Upper
98 100
100 66.1 51.6 77.4



#82
p-Isopropyltoluene
Concen: 0.417 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VX036705.D
Acq: 28 Jul 2023 14:29

Tgt Ion: 119 Resp: 3151
Ion Ratio Lower Upper
119 100
134 30.3 0.0 53.2
91 27.6 0.0 49.4

