

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112723\
 Data File : VX039037.D
 Acq On : 27 Nov 2023 13:32
 Operator : JC/MD
 Sample : 05525-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 28 01:12:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X112423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 27 03:22:25 2023
 Response via : Initial Calibration

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

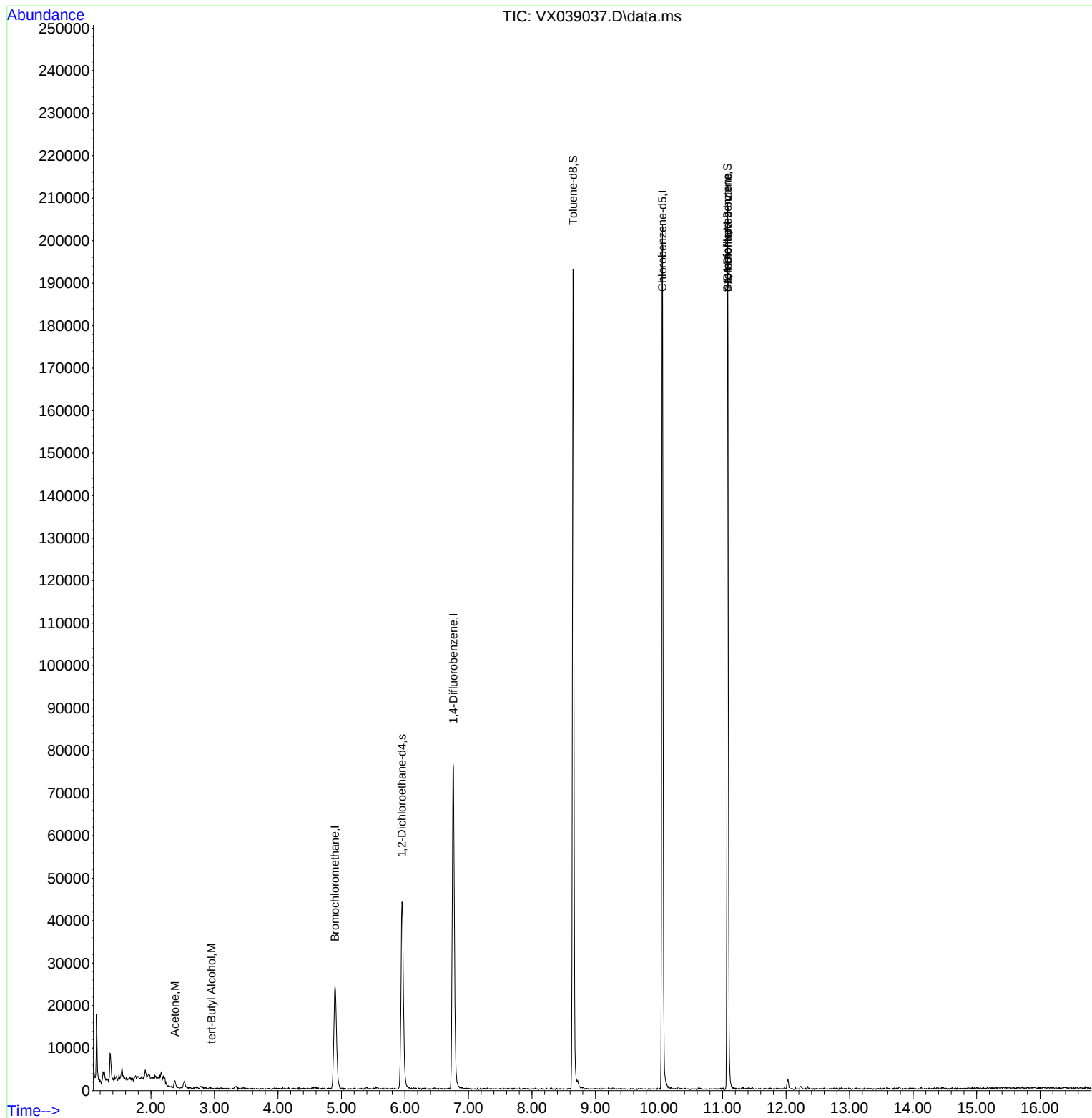
Internal Standards						
1) Bromochloromethane	4.897	128	9261	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	75930	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	92266	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	42135	33.257	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	110.867%#
60) 4-Bromofluorobenzene	11.079	95	57226	28.396	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	94.667%
63) Toluene-d8	8.647	98	114005	31.252	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	104.167%
Target Compounds						
					Qvalue	
15) Acetone	2.379	58	492	1.409	ug/l #	62
23) tert-Butyl Alcohol	2.953	59	125	0.235	ug/l #	100
56) Bromoform	11.079	173	271	0.223	ug/l #	1
77) t-1,4-Dichloro-2-butene	11.079	75	32166	35.974	ug/l #	12

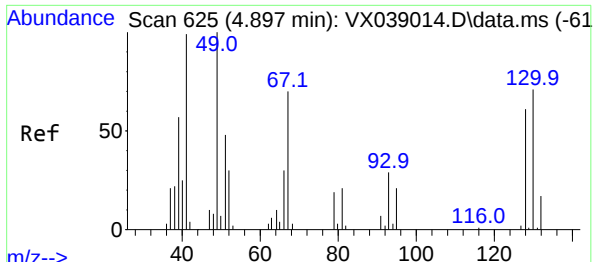
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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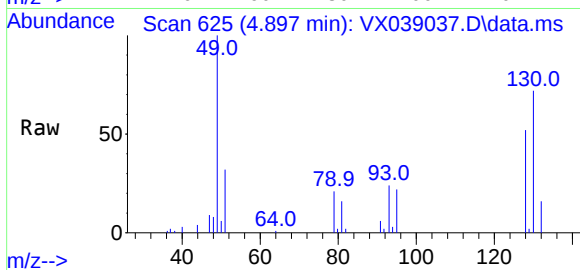
Quant Time: Nov 28 01:12:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X112423W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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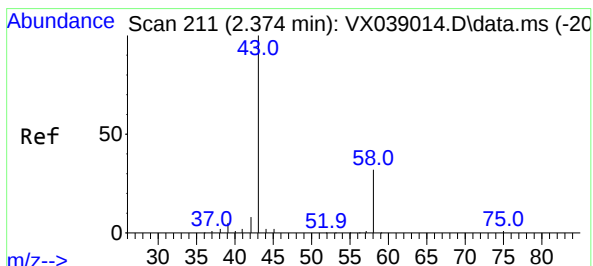
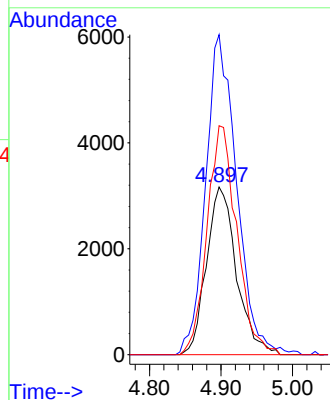
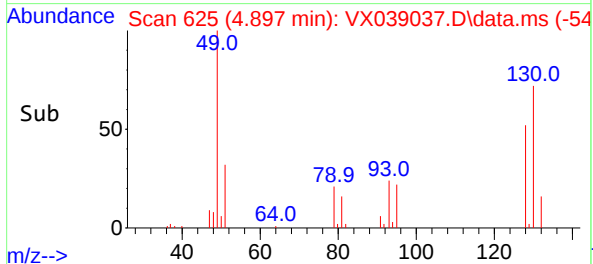


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX039037.D
Acq: 27 Nov 2023 13:32

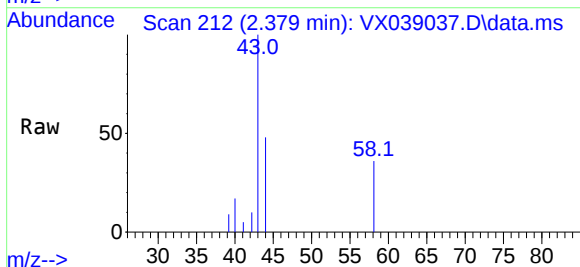
Instrument :
MSVOA_X
ClientSampleId :



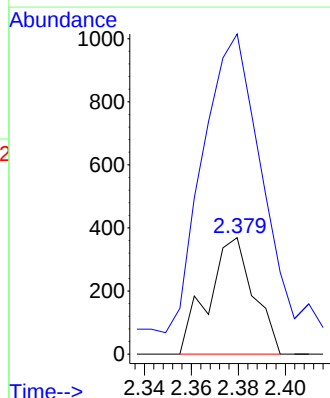
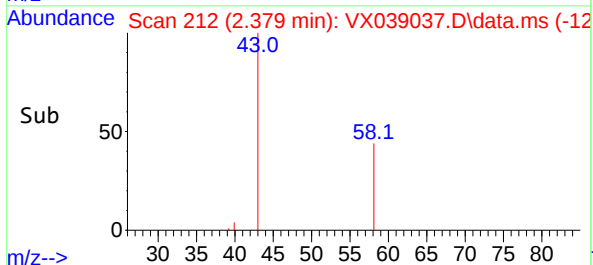
Tgt Ion:128 Resp: 9261
Ion Ratio Lower Upper
128 100
49 196.2 0.0 444.0
130 135.0 0.0 297.8

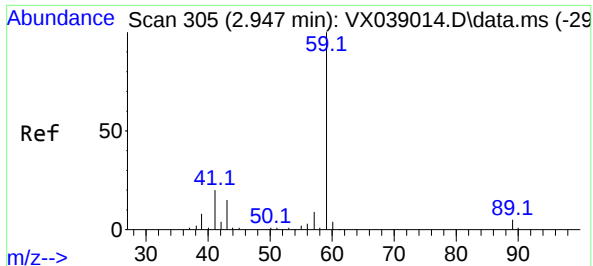


#15
Acetone
Concen: 1.409 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX039037.D
Acq: 27 Nov 2023 13:32



Tgt Ion: 58 Resp: 492
Ion Ratio Lower Upper
58 100
43 235.8 249.9 374.9#





#23

tert-Butyl Alcohol

Concen: 0.235 ug/l

RT: 2.953 min Scan# 306

Delta R.T. 0.006 min

Lab File: VX039037.D

Acq: 27 Nov 2023 13:32

Instrument :

MSVOA_X

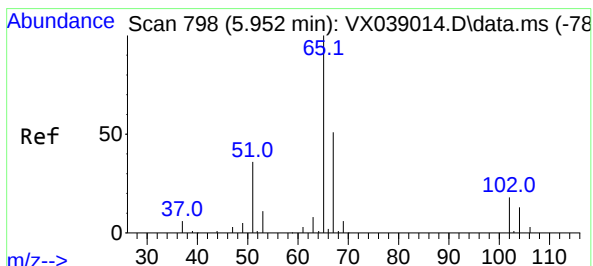
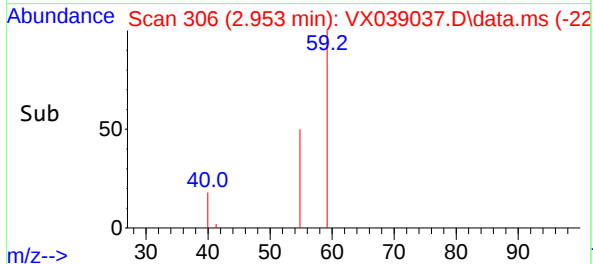
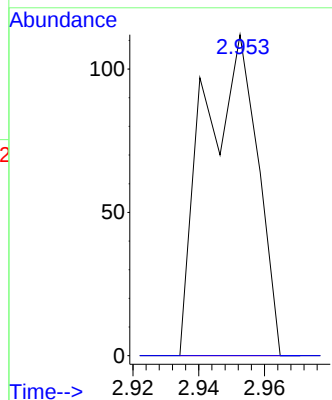
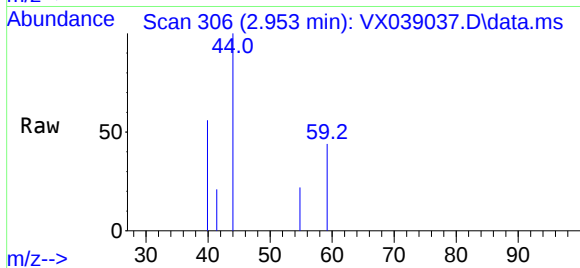
ClientSampleId :

Tgt Ion: 59 Resp: 125

Ion Ratio Lower Upper

59 100

52 0.0 0.0 0.0



#27

1,2-Dichloroethane-d4

Concen: 33.257 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX039037.D

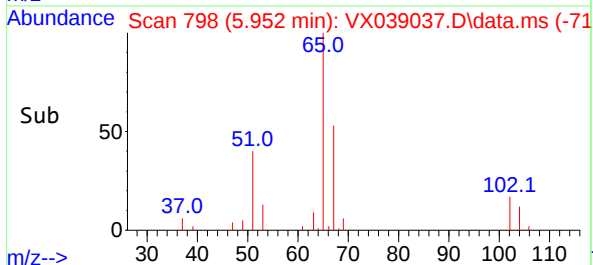
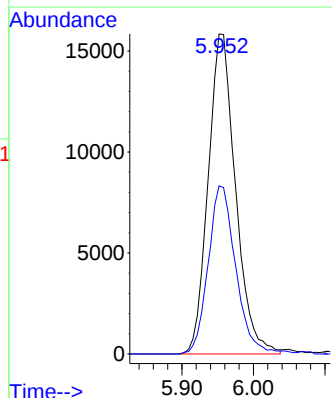
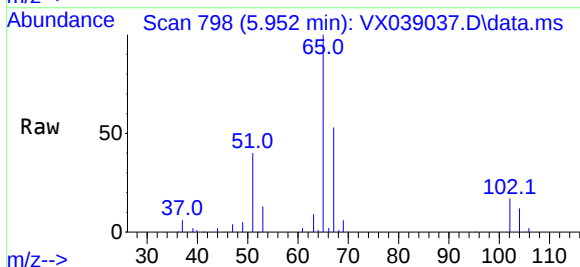
Acq: 27 Nov 2023 13:32

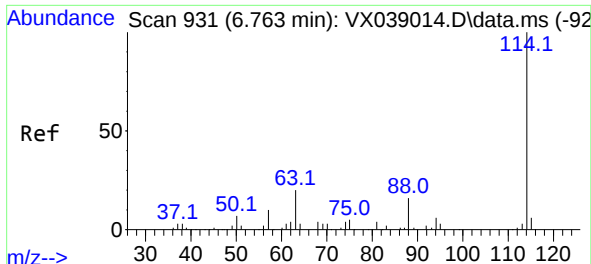
Tgt Ion: 65 Resp: 42135

Ion Ratio Lower Upper

65 100

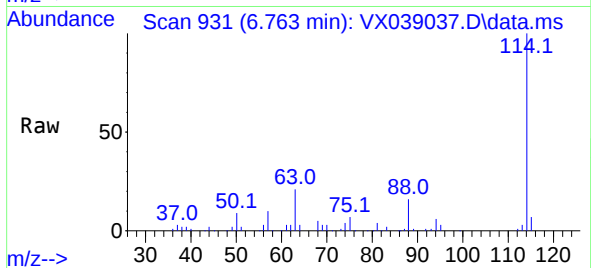
67 52.7 42.5 63.7



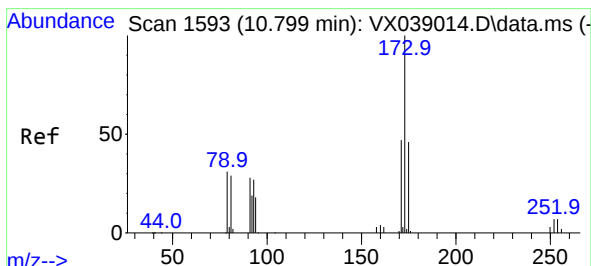
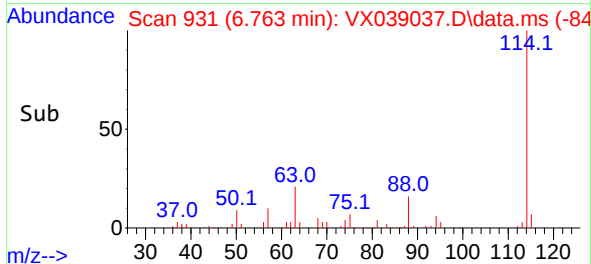
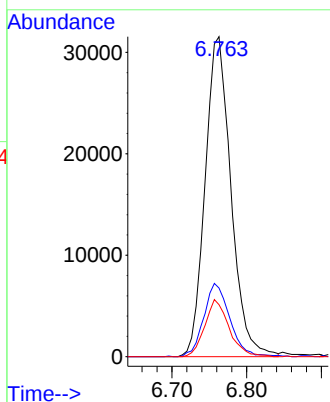


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX039037.D
Acq: 27 Nov 2023 13:32

Instrument :
MSVOA_X
ClientSampleId :

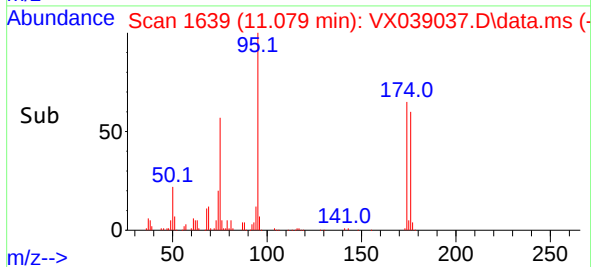
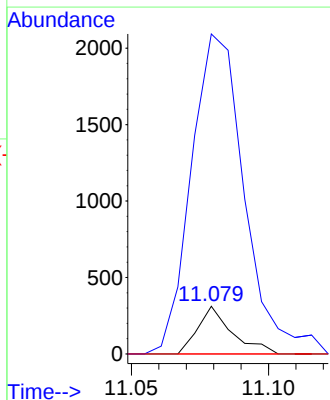
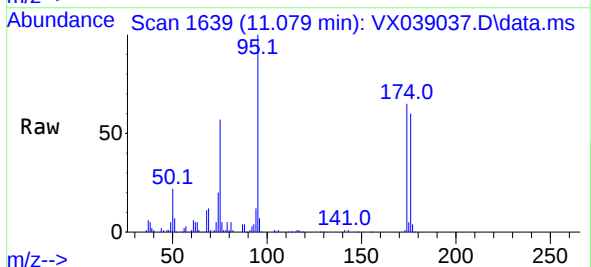


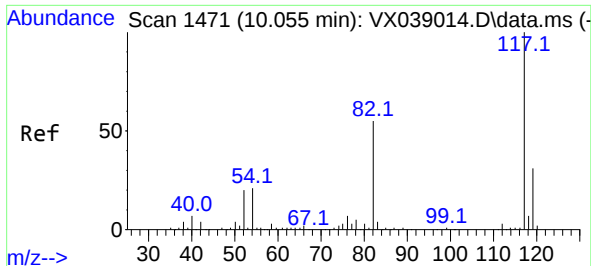
Tgt Ion:114 Resp: 75930
Ion Ratio Lower Upper
114 100
63 22.7 17.0 25.4
88 16.8 12.7 19.1



#56
Bromoform
Concen: 0.223 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.280 min
Lab File: VX039037.D
Acq: 27 Nov 2023 13:32

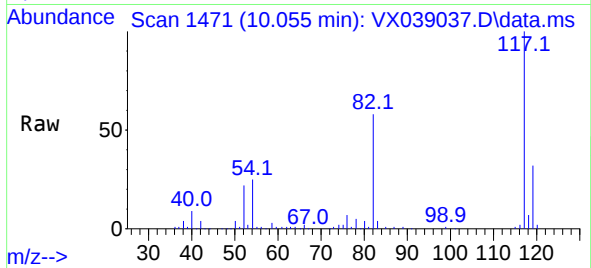
Tgt Ion:173 Resp: 271
Ion Ratio Lower Upper
173 100
175 1029.2 37.6 56.4#
254 0.0 5.8 8.8#



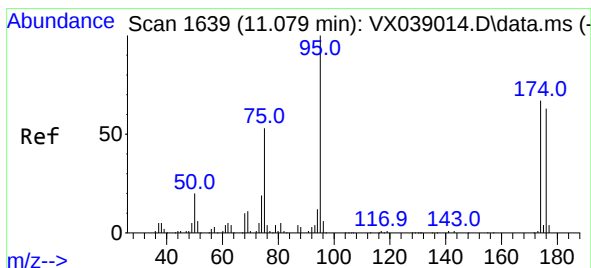
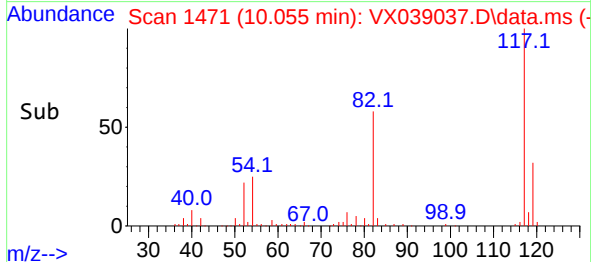
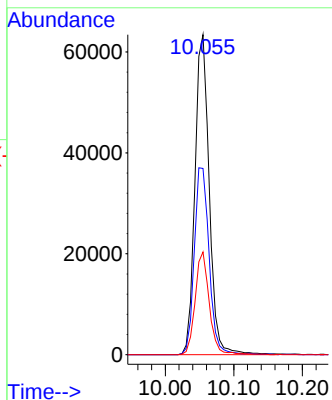


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039037.D
Acq: 27 Nov 2023 13:32

Instrument :
MSVOA_X
ClientSampleId :

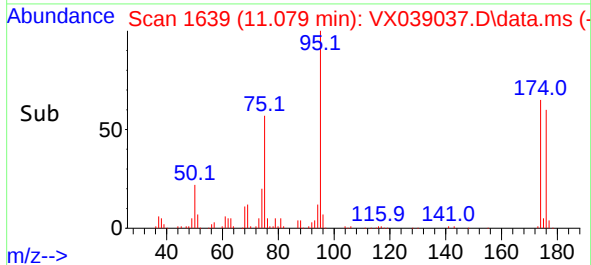
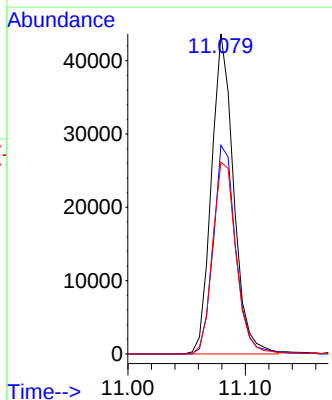
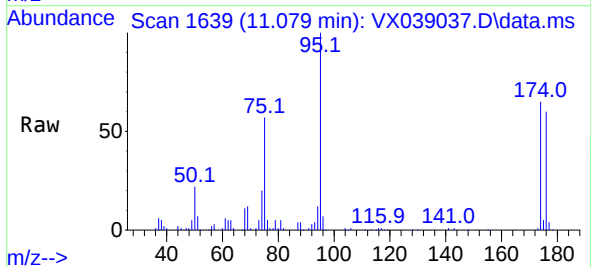


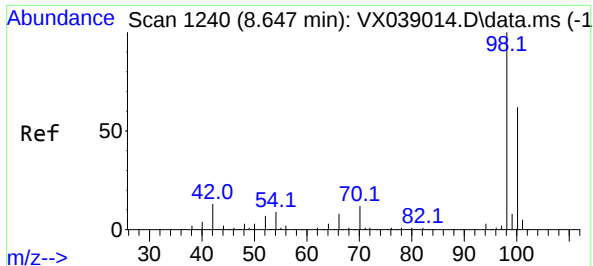
Tgt Ion:117 Resp: 92266
Ion Ratio Lower Upper
117 100
82 60.3 47.0 70.6
119 31.1 25.2 37.8



#60
4-Bromofluorobenzene
Concen: 28.396 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039037.D
Acq: 27 Nov 2023 13:32

Tgt Ion: 95 Resp: 57226
Ion Ratio Lower Upper
95 100
174 66.1 55.4 83.2
176 63.5 52.6 78.8

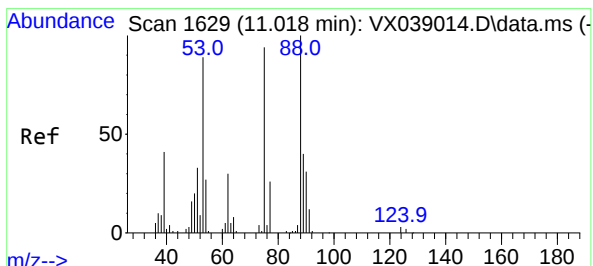
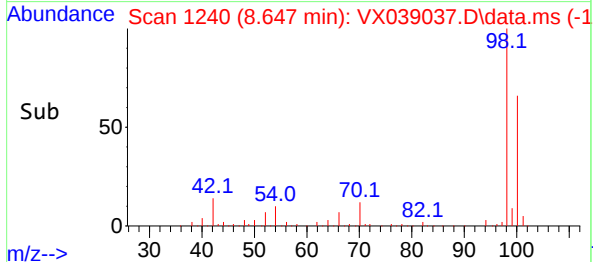
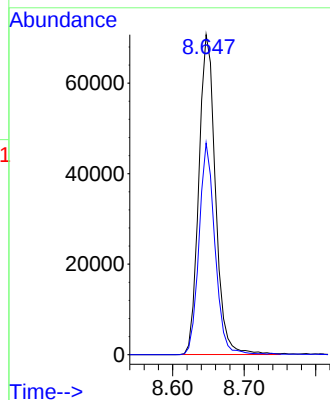
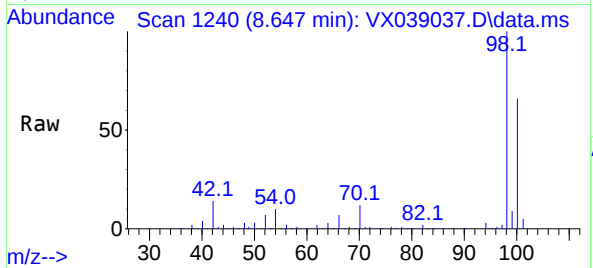




#63
Toluene-d8
Concen: 31.252 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039037.D
Acq: 27 Nov 2023 13:32

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 114005
Ion Ratio Lower Upper
98 100
100 63.4 51.0 76.4



#77
t-1,4-Dichloro-2-butene
Concen: 35.974 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX039037.D
Acq: 27 Nov 2023 13:32

Tgt Ion: 75 Resp: 32166
Ion Ratio Lower Upper
75 100
53 0.0 46.9 140.8#
89 0.3 21.3 63.7#

