

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101823\
 Data File : VX038367.D
 Acq On : 18 Oct 2023 16:58
 Operator : JC/MD
 Sample : 04936-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1026

Quant Time: Oct 19 01:42:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

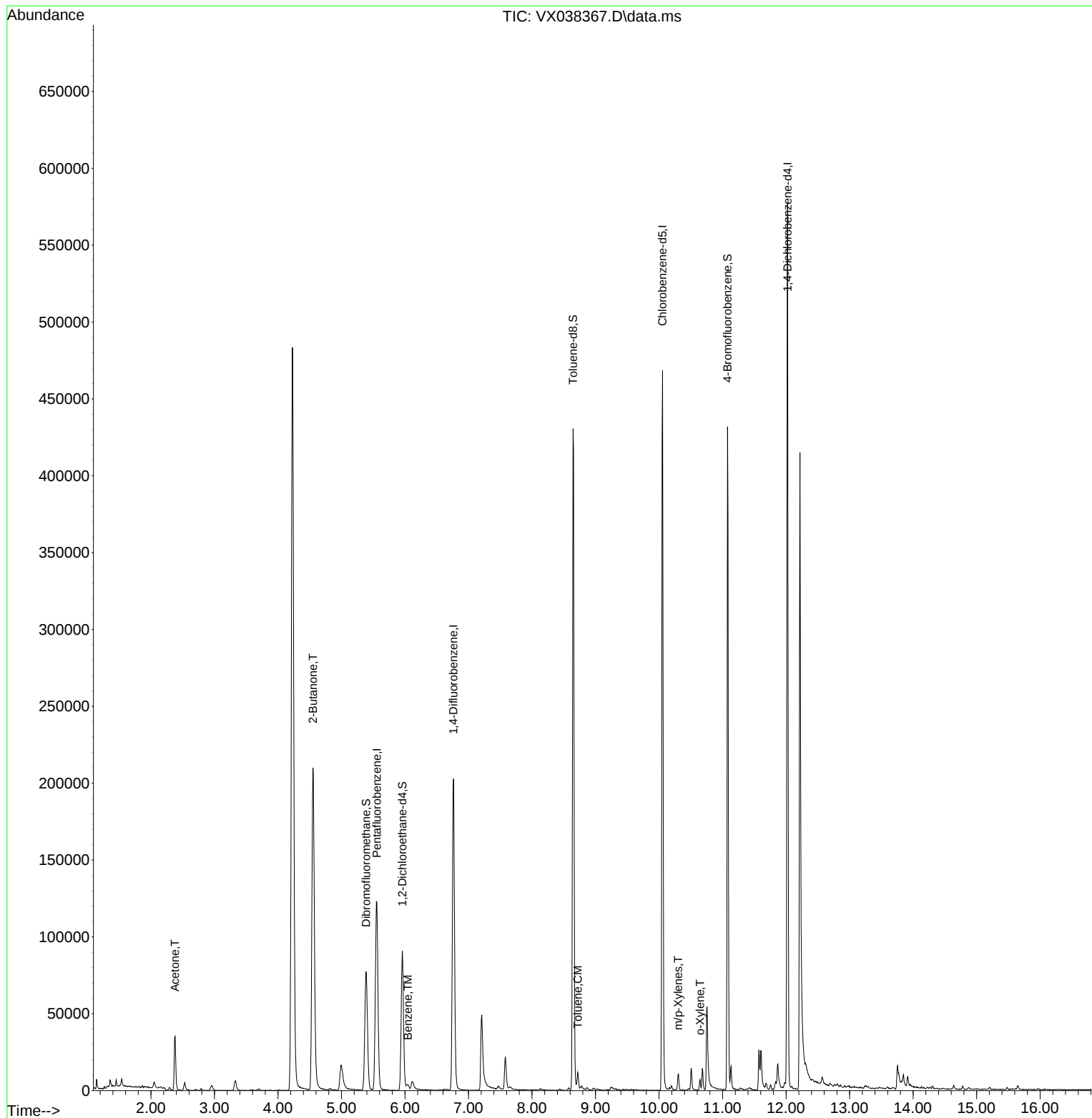
Internal Standards						
1) Pentafluorobenzene	5.556	168	116443	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	206513	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213849	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114800	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83312	44.483	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.960%
35) Dibromofluoromethane	5.385	113	65994	44.349	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.700%
50) Toluene-d8	8.647	98	264114	46.448	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.900%
62) 4-Bromofluorobenzene	11.079	95	104740	48.587	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.180%
Target Compounds						
						Qvalue
16) Acetone	2.379	43	37883	48.465	ug/l	91
25) 2-Butanone	4.550	43	354162	280.817	ug/l	93
40) Benzene	6.043	78	4453	0.776	ug/l #	89
52) Toluene	8.720	92	3242	0.867	ug/l	92
68) m/p-Xylenes	10.299	106	2580	0.835	ug/l	97
69) o-Xylene	10.646	106	1649	0.547	ug/l	80

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
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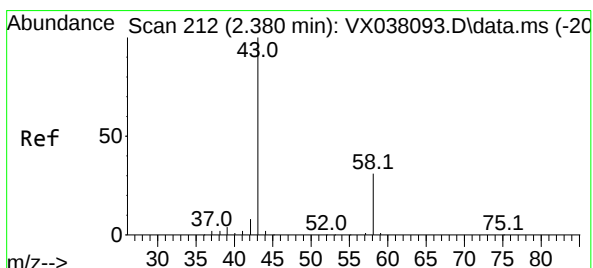
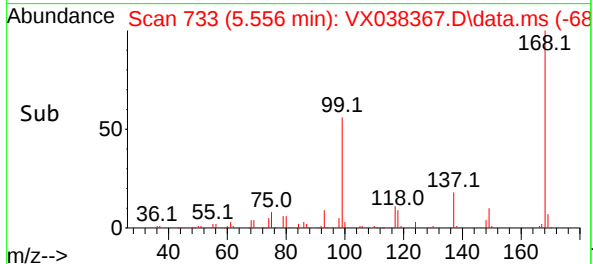
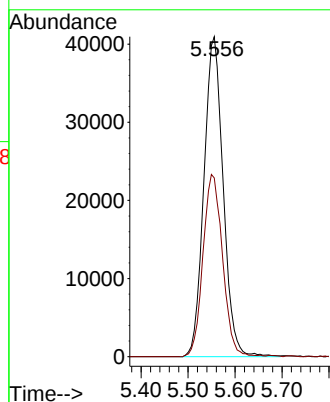
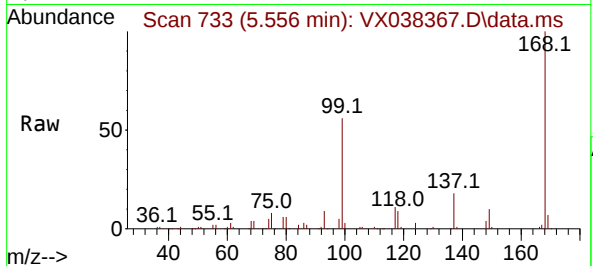




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038367.D
Acq: 18 Oct 2023 16:58

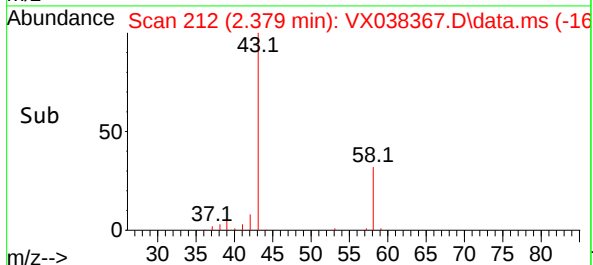
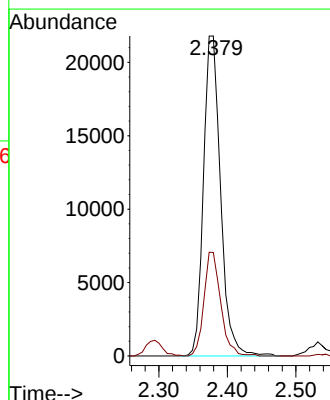
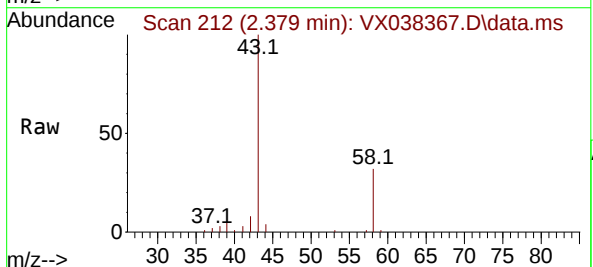
Instrument :
MSVOA_X
ClientSampleId :
1026

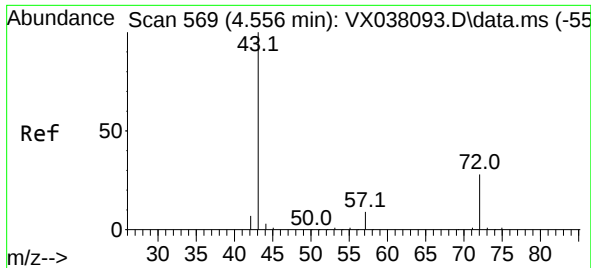
Tgt Ion:168 Resp: 116443
Ion Ratio Lower Upper
168 100
99 55.8 56.6 85.0#



#16
Acetone
Concen: 48.465 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX038367.D
Acq: 18 Oct 2023 16:58

Tgt Ion: 43 Resp: 37883
Ion Ratio Lower Upper
43 100
58 32.3 21.9 32.9

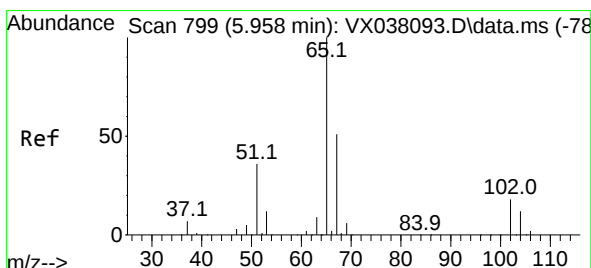
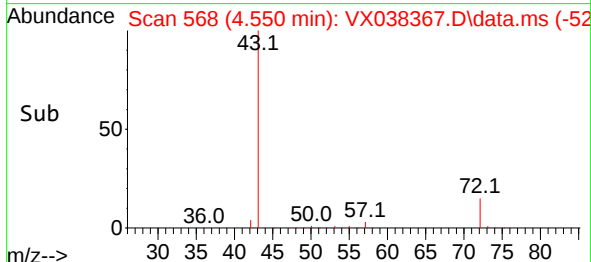
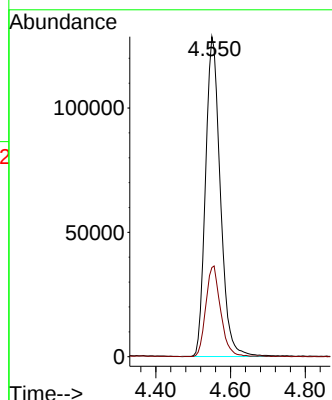
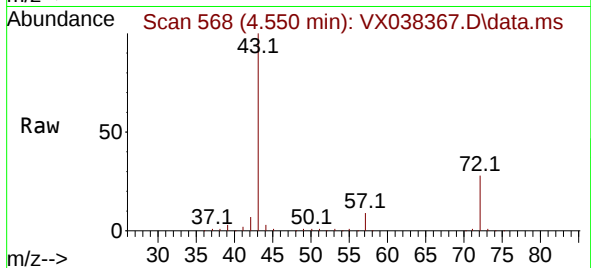




#25
2-Butanone
Concen: 280.817 ug/l
RT: 4.550 min Scan# 510
Delta R.T. -0.006 min
Lab File: VX038367.D
Acq: 18 Oct 2023 16:58

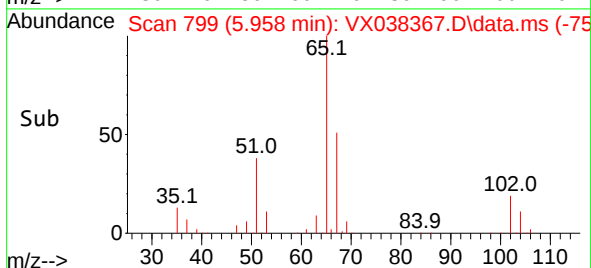
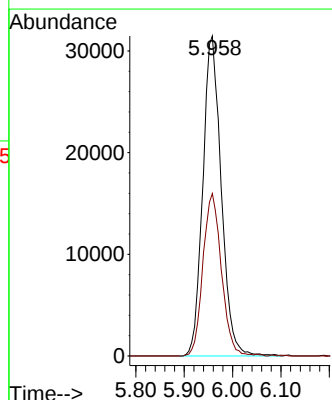
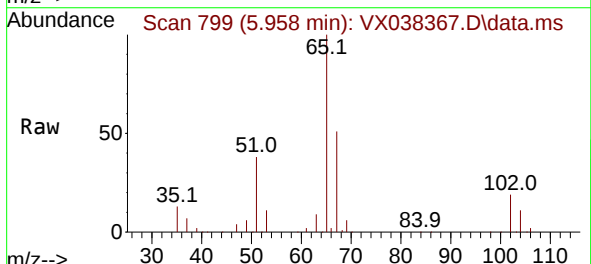
Instrument :
MSVOA_X
ClientSampleId :
1026

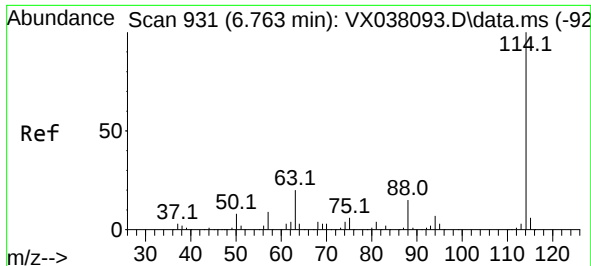
Tgt Ion: 43 Resp: 354162
Ion Ratio Lower Upper
43 100
72 27.8 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 44.483 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038367.D
Acq: 18 Oct 2023 16:58

Tgt Ion: 65 Resp: 83312
Ion Ratio Lower Upper
65 100
67 50.8 0.0 100.2

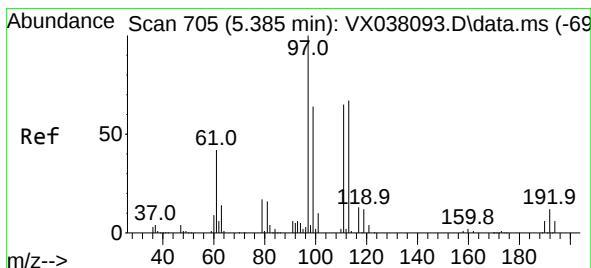
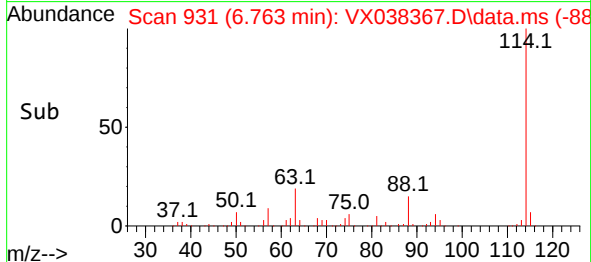
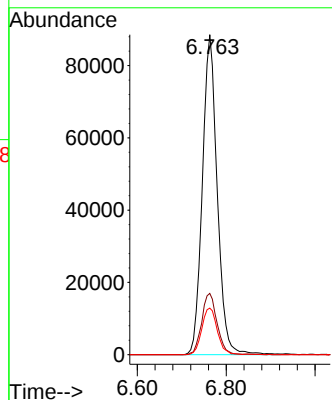
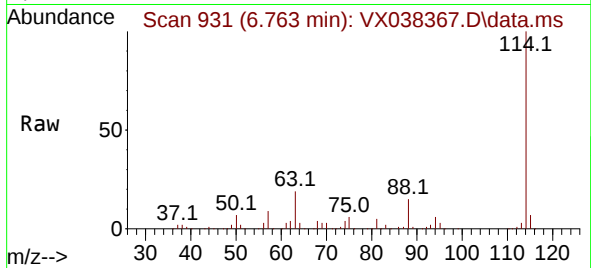




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038367.D
Acq: 18 Oct 2023 16:58

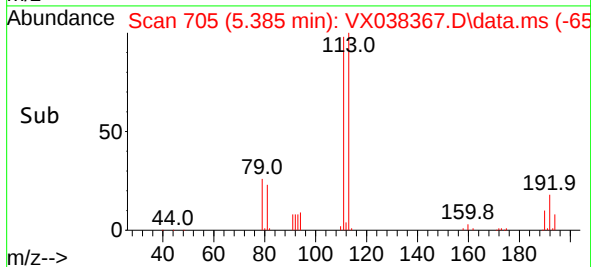
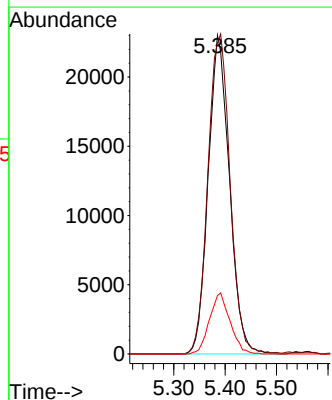
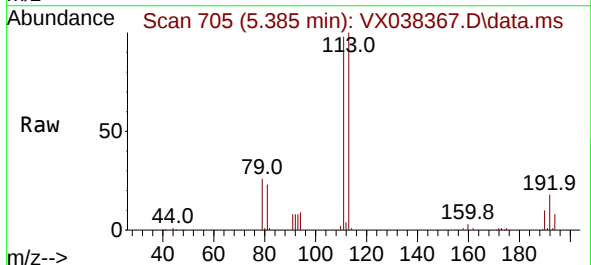
Instrument :
MSVOA_X
ClientSampleId :
1026

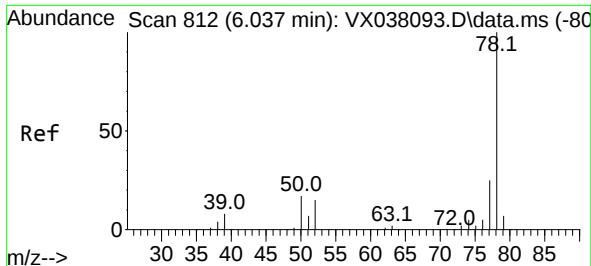
Tgt Ion:114 Resp: 206513
Ion Ratio Lower Upper
114 100
63 19.2 0.0 45.0
88 14.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.349 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038367.D
Acq: 18 Oct 2023 16:58

Tgt Ion:113 Resp: 65994
Ion Ratio Lower Upper
113 100
111 104.8 82.9 124.3
192 18.5 13.3 19.9

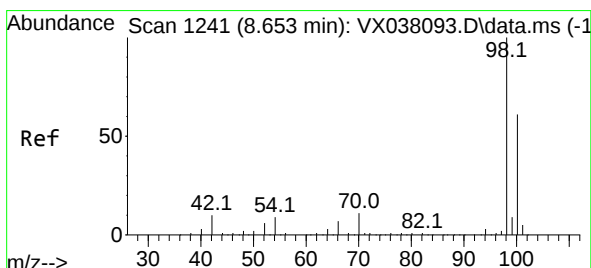
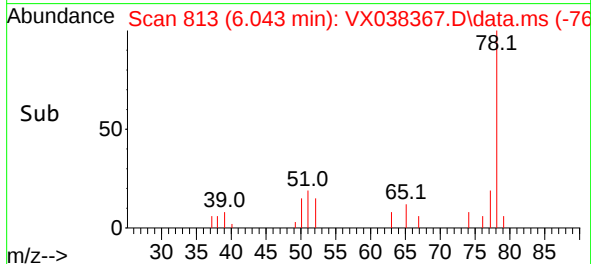
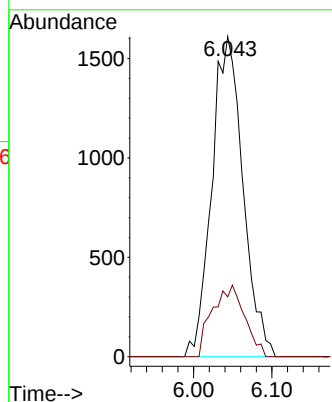
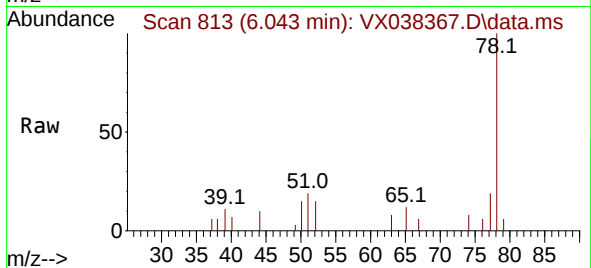




#40
Benzene
Concen: 0.776 ug/l
RT: 6.043 min Scan# 812
Delta R.T. 0.005 min
Lab File: VX038367.D
Acq: 18 Oct 2023 16:58

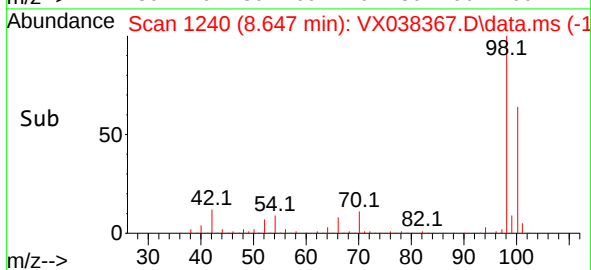
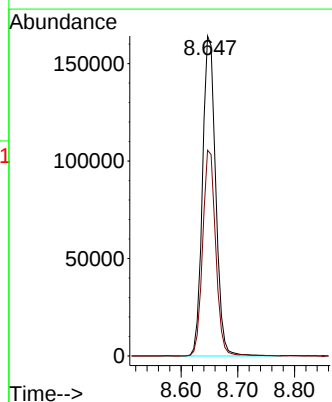
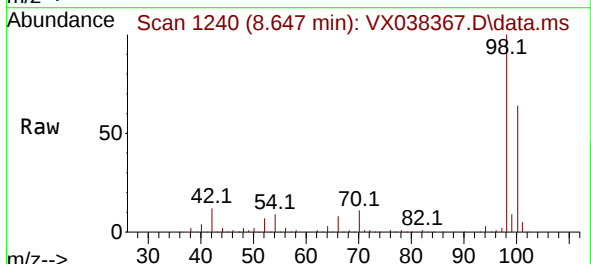
Instrument :
MSVOA_X
ClientSampleId :
1026

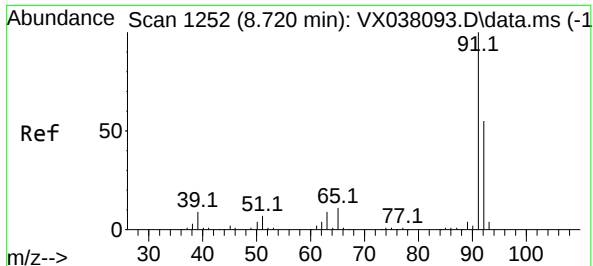
Tgt Ion: 78 Resp: 4453
Ion Ratio Lower Upper
78 100
77 18.7 19.3 28.9#



#50
Toluene-d8
Concen: 46.448 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038367.D
Acq: 18 Oct 2023 16:58

Tgt Ion: 98 Resp: 264114
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7

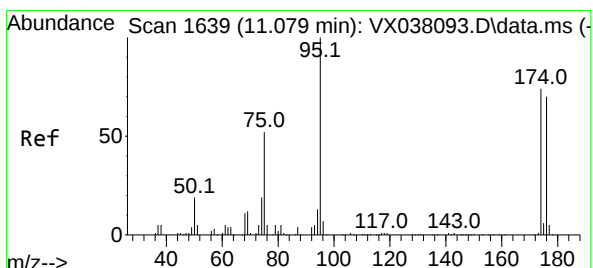
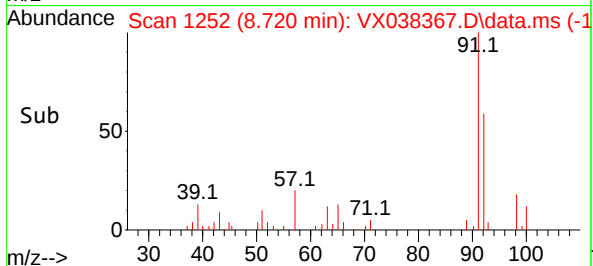
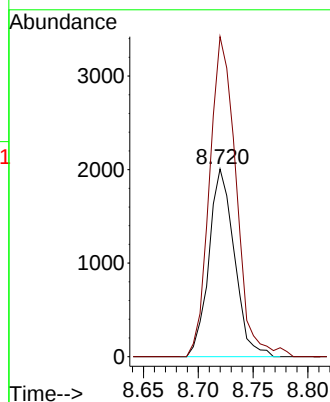
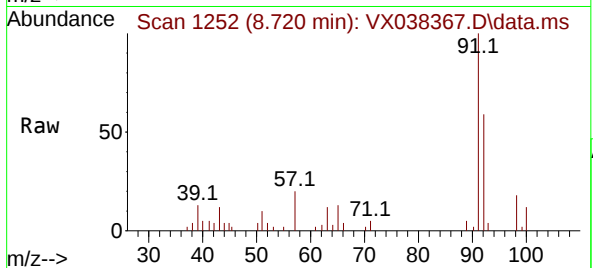




#52
Toluene
Concen: 0.867 ug/l
RT: 8.720 min Scan# 11026
Delta R.T. -0.000 min
Lab File: VX038367.D
Acq: 18 Oct 2023 16:58

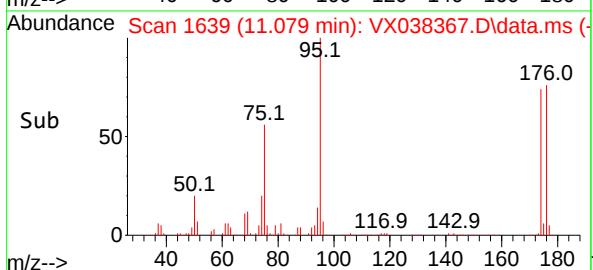
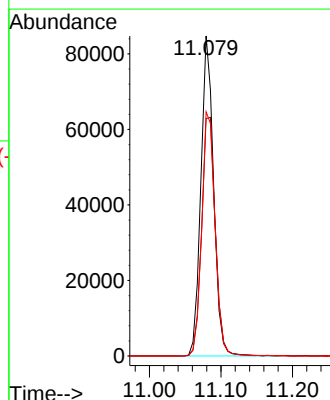
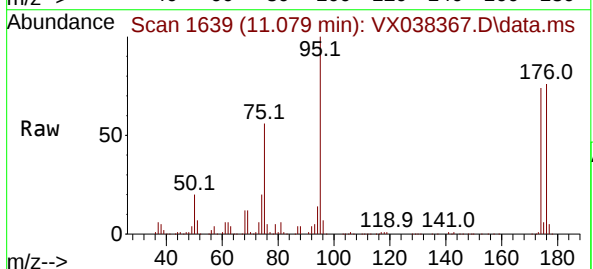
Instrument :
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ClientSampleId :
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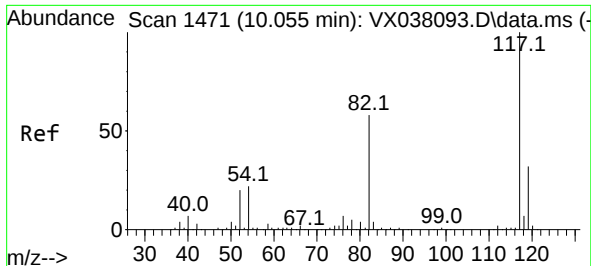
Tgt Ion: 92 Resp: 3242
Ion Ratio Lower Upper
92 100
91 178.2 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 48.587 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038367.D
Acq: 18 Oct 2023 16:58

Tgt Ion: 95 Resp: 104740
Ion Ratio Lower Upper
95 100
174 80.5 0.0 135.6
176 79.7 0.0 131.0

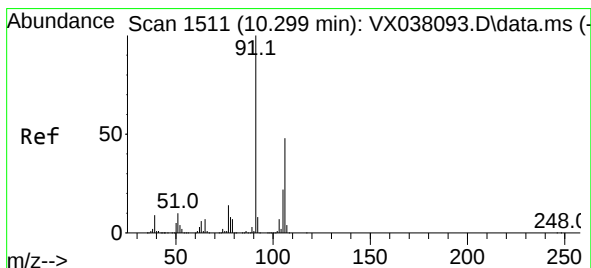
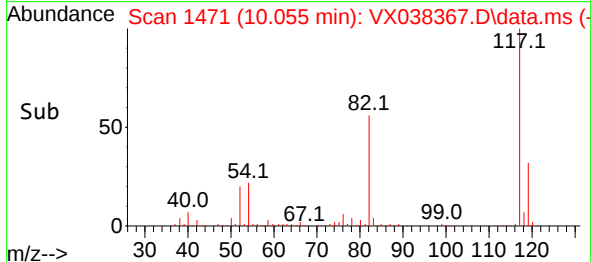
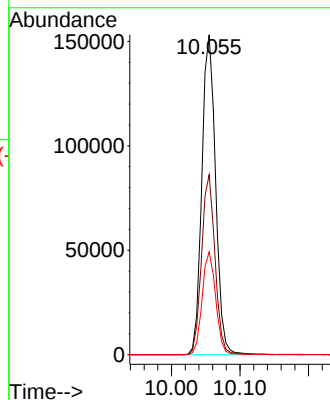
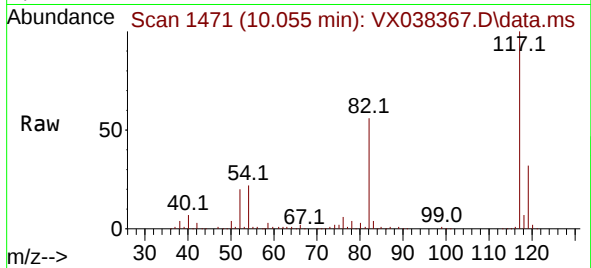




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038367.D
Acq: 18 Oct 2023 16:58

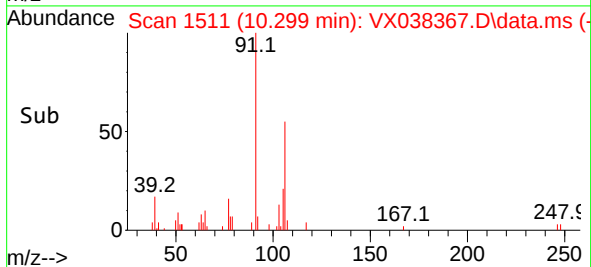
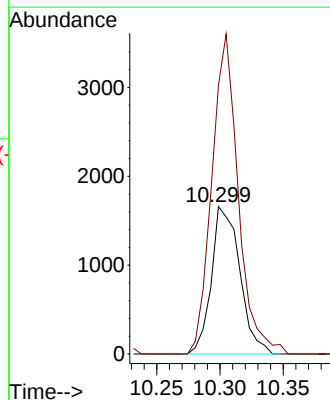
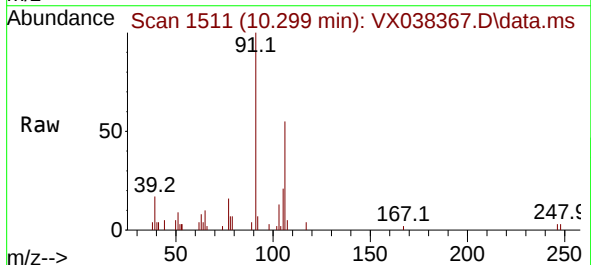
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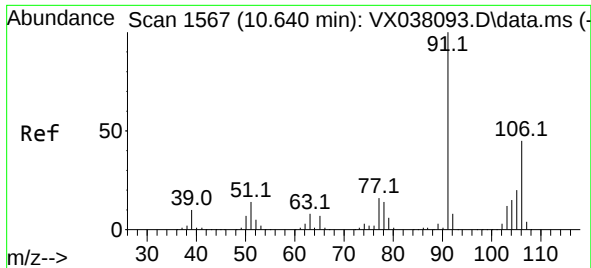
Tgt Ion:117 Resp: 213849
Ion Ratio Lower Upper
117 100
82 56.3 46.2 69.4
119 32.2 25.5 38.3



#68
m/p-Xylenes
Concen: 0.835 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX038367.D
Acq: 18 Oct 2023 16:58

Tgt Ion:106 Resp: 2580
Ion Ratio Lower Upper
106 100
91 202.7 165.5 248.3

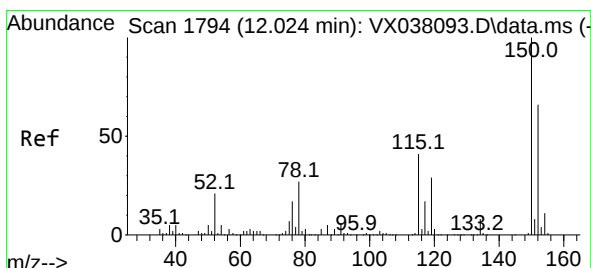
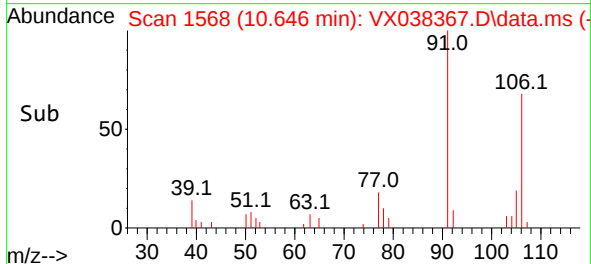
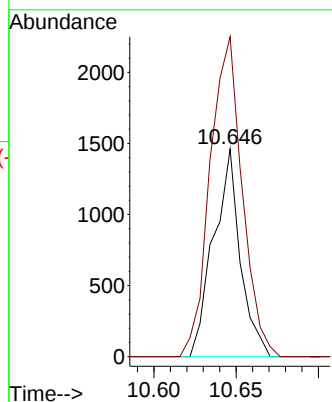
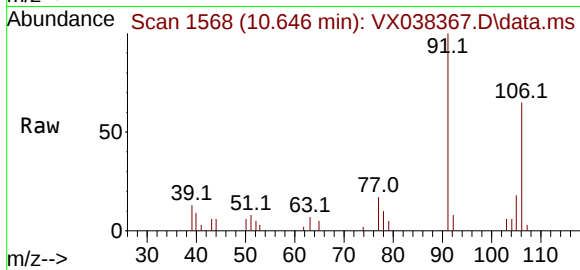




#69
o-Xylene
Concen: 0.547 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX038367.D
Acq: 18 Oct 2023 16:58

Instrument :
MSVOA_X
ClientSampleId :
1026

Tgt Ion:106 Resp: 1649
Ion Ratio Lower Upper
106 100
91 185.6 108.9 326.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038367.D
Acq: 18 Oct 2023 16:58

Tgt Ion:152 Resp: 114800
Ion Ratio Lower Upper
152 100
115 60.2 43.3 129.9
150 160.6 0.0 345.0

