

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111423\
 Data File : VX038813.D
 Acq On : 14 Nov 2023 17:53
 Operator : JC/MD
 Sample : 05382-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S-11

Quant Time: Nov 15 14:41:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 14 09:15:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	96403	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	189478	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	191936	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105475	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63953	46.630	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.260%
35) Dibromofluoromethane	5.385	113	57819	44.418	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.840%
50) Toluene-d8	8.647	98	227190	47.119	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.240%
62) 4-Bromofluorobenzene	11.079	95	106021	52.591	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.180%

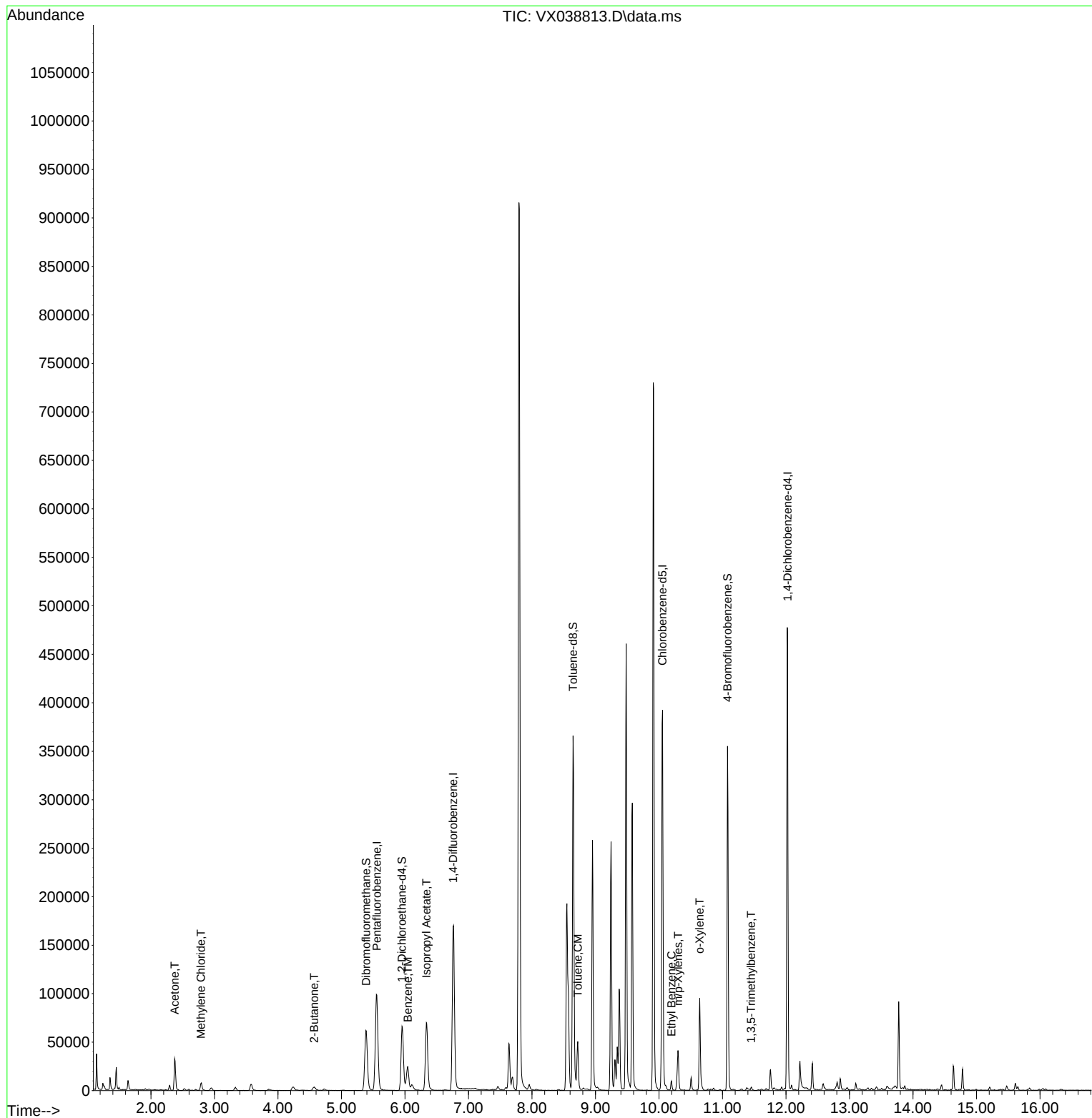
Target Compounds						Qvalue
16) Acetone	2.374	43	33232	45.219	ug/l #	87
20) Methylene Chloride	2.788	84	3889	2.829	ug/l #	80
25) 2-Butanone	4.568	43	4774	4.371	ug/l	96
40) Benzene	6.044	78	31166	5.865	ug/l	97
43) Isopropyl Acetate	6.336	43	97098	30.716	ug/l	94
52) Toluene	8.720	92	18818	5.732	ug/l	95
67) Ethyl Benzene	10.195	91	5951	0.853	ug/l	98
68) m/p-Xylenes	10.299	106	9736	3.659	ug/l	98
69) o-Xylene	10.640	106	7163	2.774	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	1725	0.274	ug/l	97

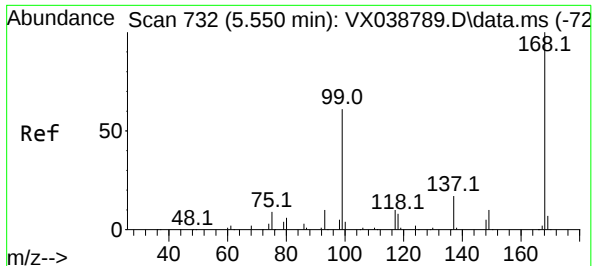
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

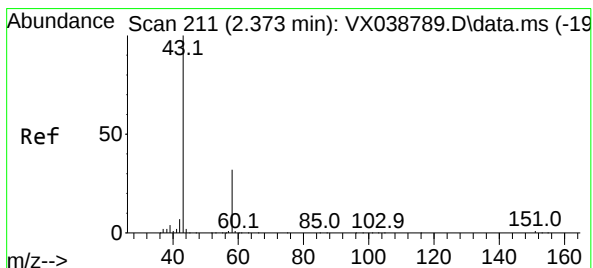
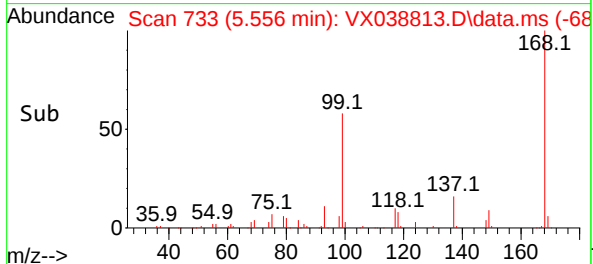
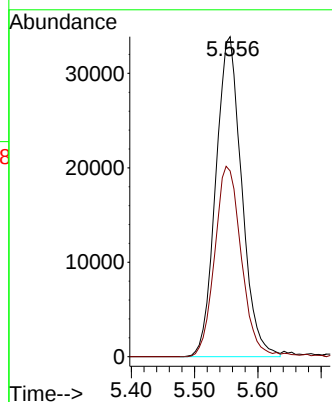
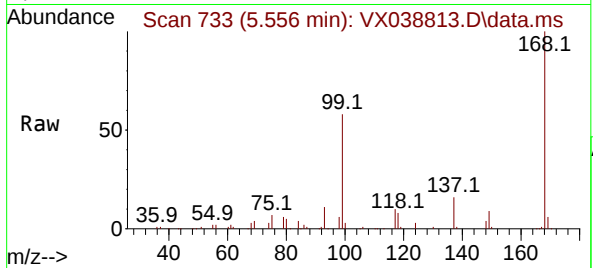




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038813.D
Acq: 14 Nov 2023 17:53

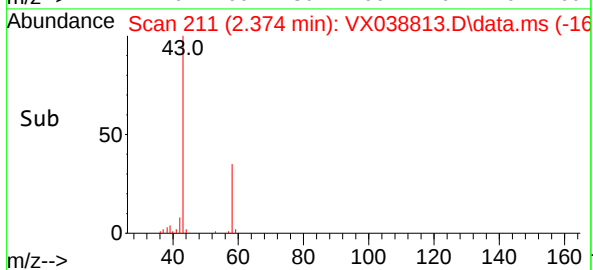
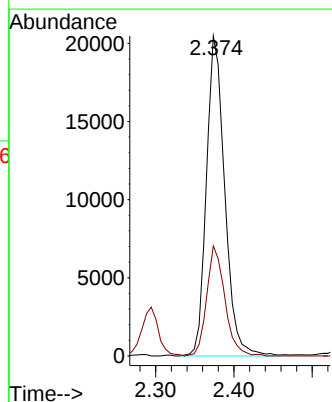
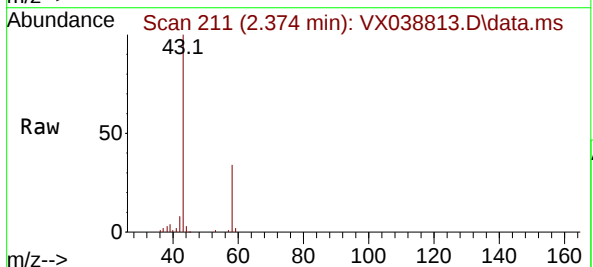
Instrument :
MSVOA_X
ClientSampleId :
S-11

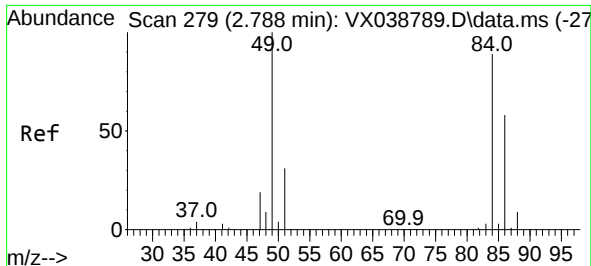
Tgt Ion:168 Resp: 96403
Ion Ratio Lower Upper
168 100
99 58.1 56.6 85.0



#16
Acetone
Concen: 45.219 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX038813.D
Acq: 14 Nov 2023 17:53

Tgt Ion: 43 Resp: 33232
Ion Ratio Lower Upper
43 100
58 34.4 21.9 32.9#





#20

Methylene Chloride

Concen: 2.829 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX038813.D

Acq: 14 Nov 2023 17:53

Instrument :

MSVOA_X

ClientSampleId :

S-11

Tgt Ion: 84 Resp: 3889

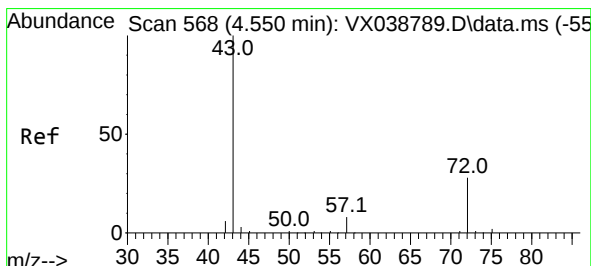
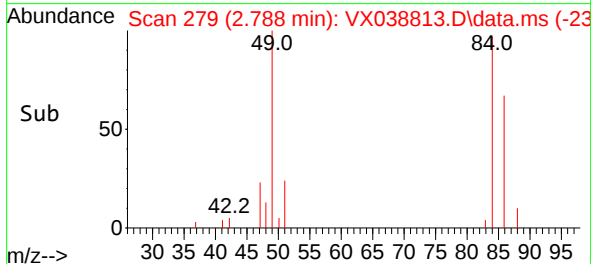
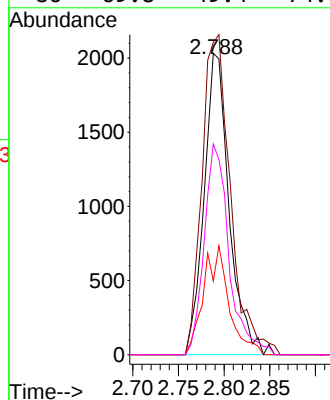
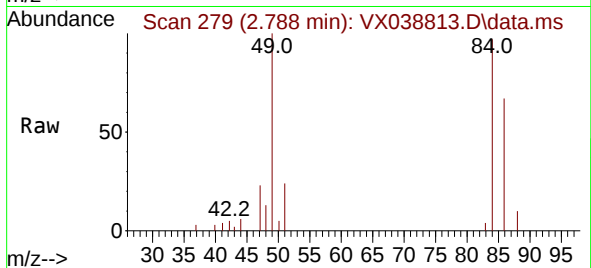
Ion Ratio Lower Upper

84 100

49 103.6 103.6 155.4#

51 24.4 33.8 50.6#

86 69.8 49.4 74.0



#25

2-Butanone

Concen: 4.371 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.018 min

Lab File: VX038813.D

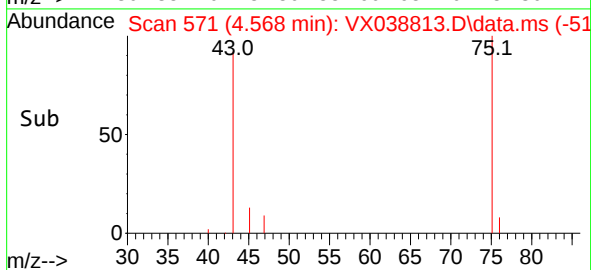
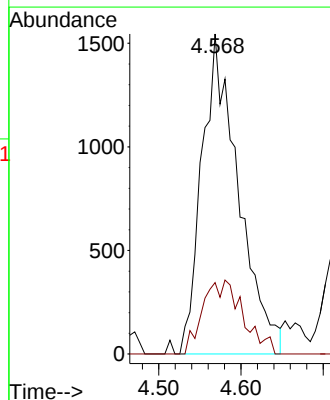
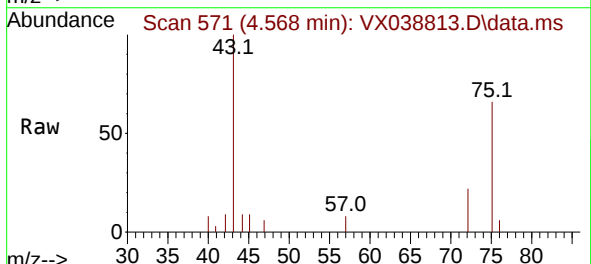
Acq: 14 Nov 2023 17:53

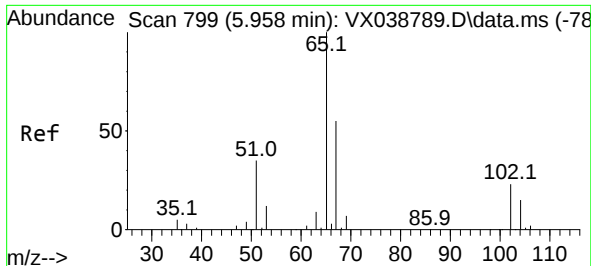
Tgt Ion: 43 Resp: 4774

Ion Ratio Lower Upper

43 100

72 22.3 19.4 29.2

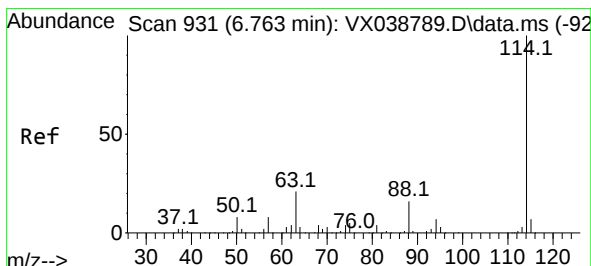
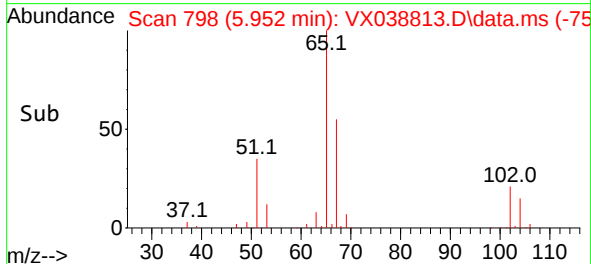
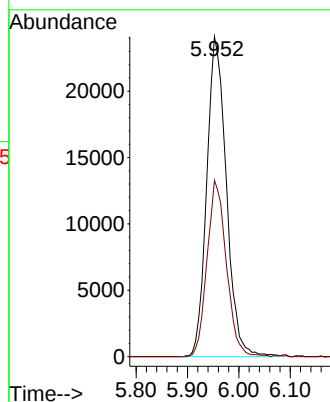
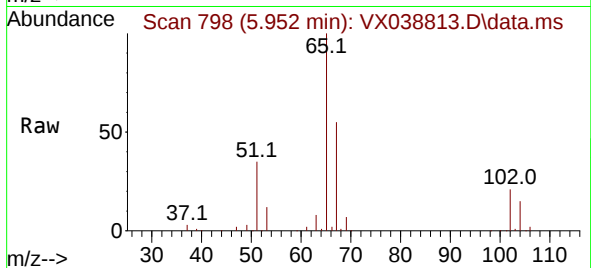




#33
 1,2-Dichloroethane-d4
 Concen: 46.630 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX038813.D
 Acq: 14 Nov 2023 17:53

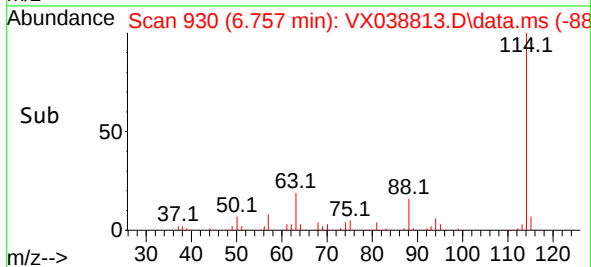
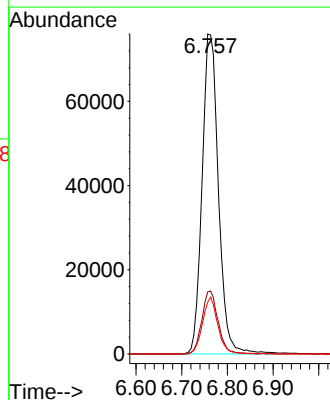
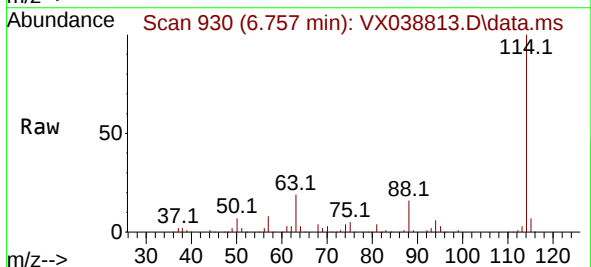
Instrument :
 MSVOA_X
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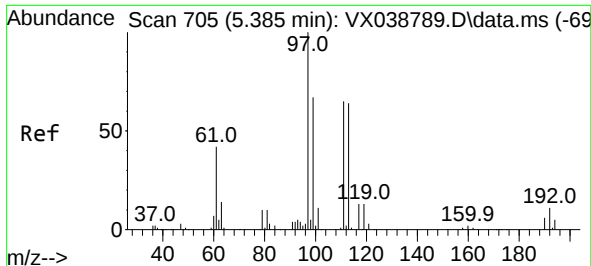
Tgt Ion: 65 Resp: 63953
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX038813.D
 Acq: 14 Nov 2023 17:53

Tgt Ion: 114 Resp: 189478
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 45.0
 88 16.1 0.0 36.6

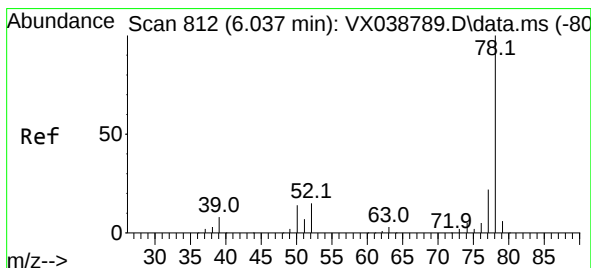
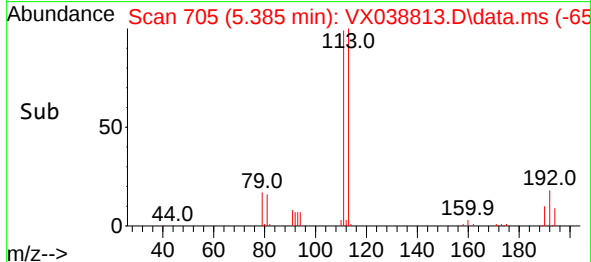
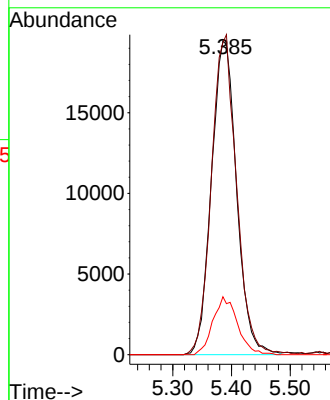
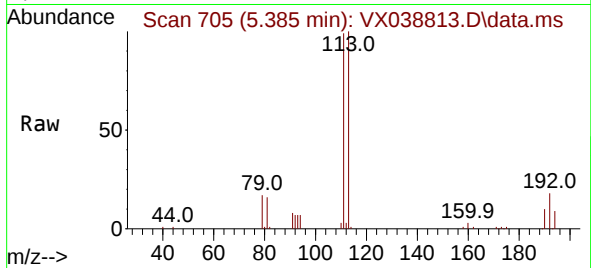




#35
Dibromofluoromethane
Concen: 44.418 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038813.D
Acq: 14 Nov 2023 17:53

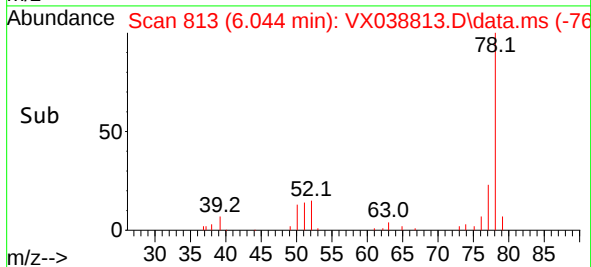
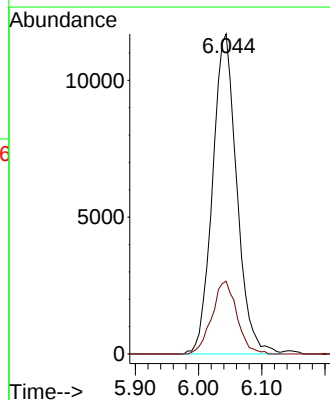
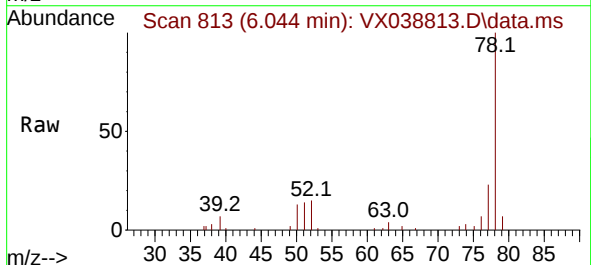
Instrument :
MSVOA_X
ClientSampleId :
S-11

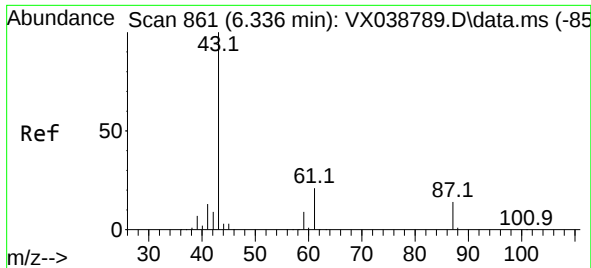
Tgt Ion:113 Resp: 57819
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 18.1 13.3 19.9



#40
Benzene
Concen: 5.865 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX038813.D
Acq: 14 Nov 2023 17:53

Tgt Ion: 78 Resp: 31166
Ion Ratio Lower Upper
78 100
77 22.7 19.3 28.9

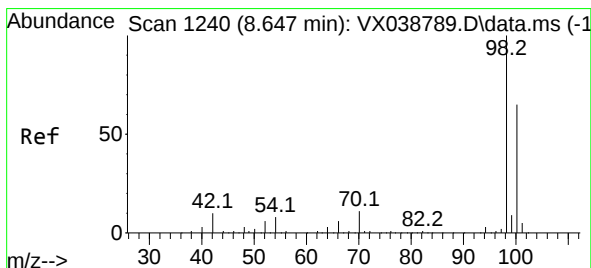
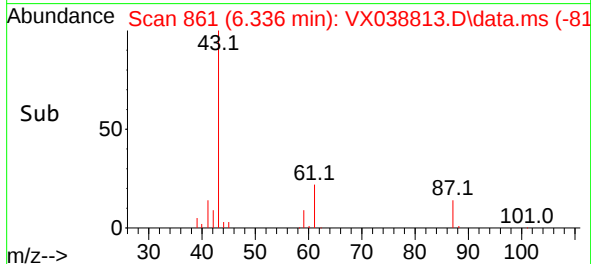
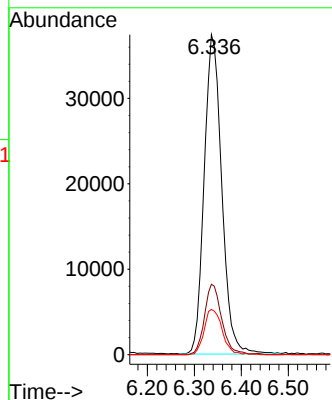
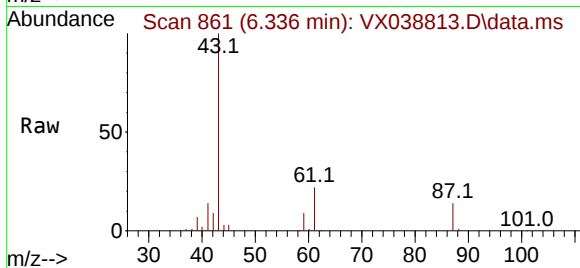




#43
Isopropyl Acetate
Concen: 30.716 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX038813.D
Acq: 14 Nov 2023 17:53

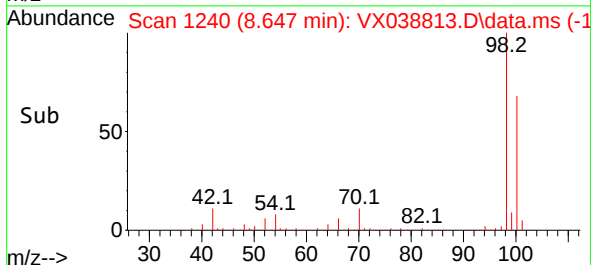
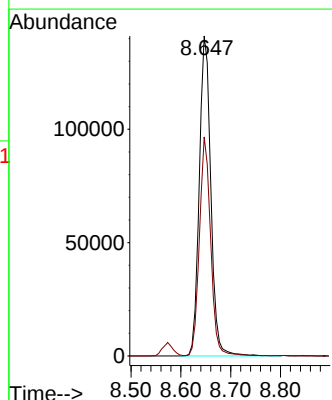
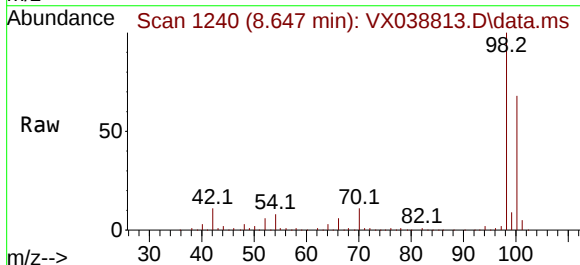
Instrument :
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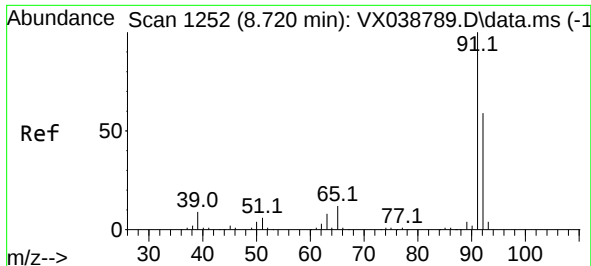
Tgt Ion: 43 Resp: 97098
Ion Ratio Lower Upper
43 100
61 21.6 15.2 22.8
87 14.6 9.8 14.6



#50
Toluene-d8
Concen: 47.119 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038813.D
Acq: 14 Nov 2023 17:53

Tgt Ion: 98 Resp: 227190
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7

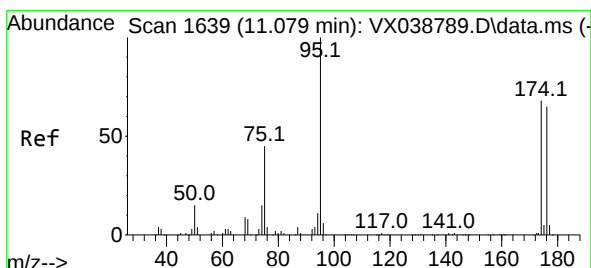
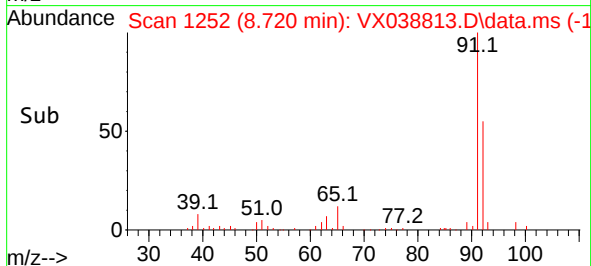
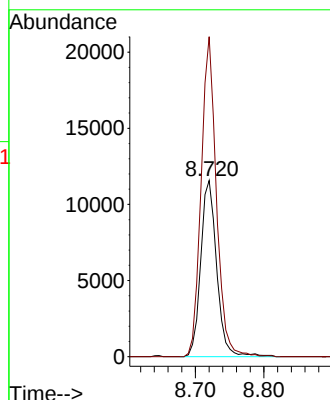
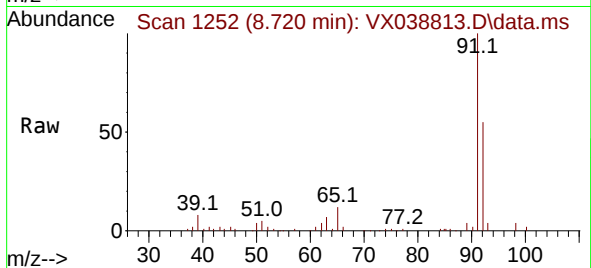




#52
Toluene
Concen: 5.732 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038813.D
Acq: 14 Nov 2023 17:53

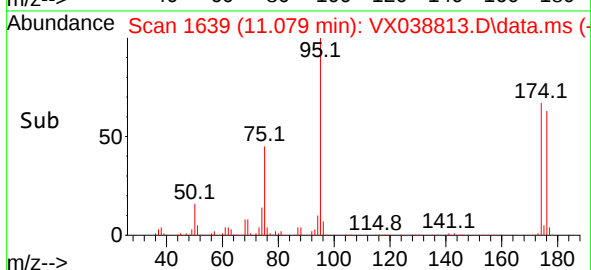
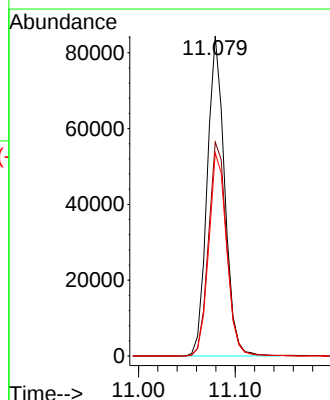
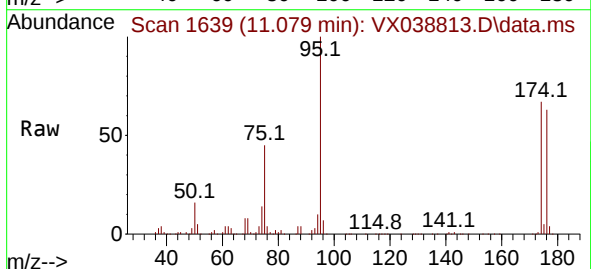
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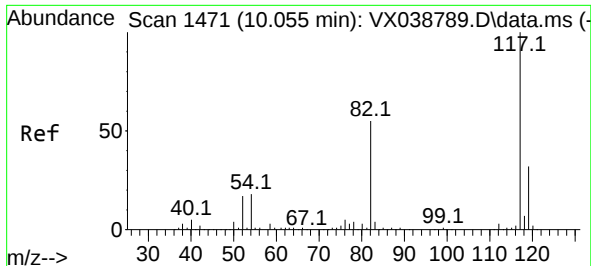
Tgt Ion: 92 Resp: 18818
Ion Ratio Lower Upper
92 100
91 173.9 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 52.591 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038813.D
Acq: 14 Nov 2023 17:53

Tgt Ion: 95 Resp: 106021
Ion Ratio Lower Upper
95 100
174 69.7 0.0 135.6
176 65.2 0.0 131.0

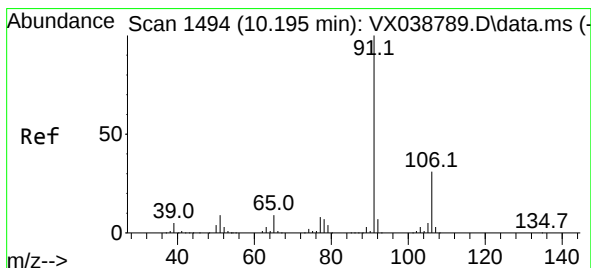
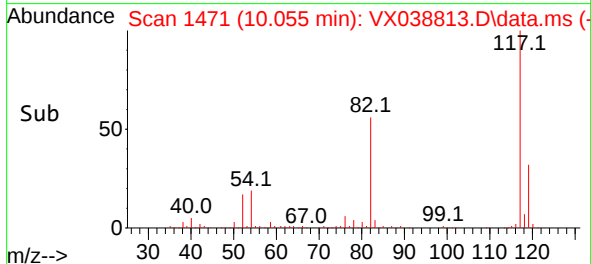
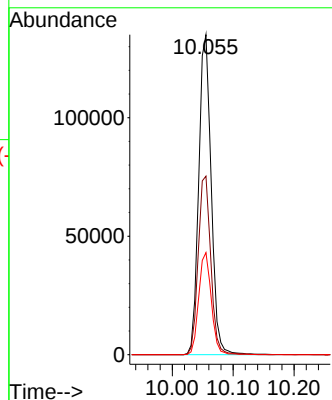
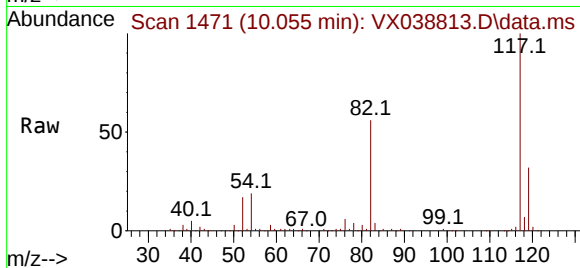




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038813.D
Acq: 14 Nov 2023 17:53

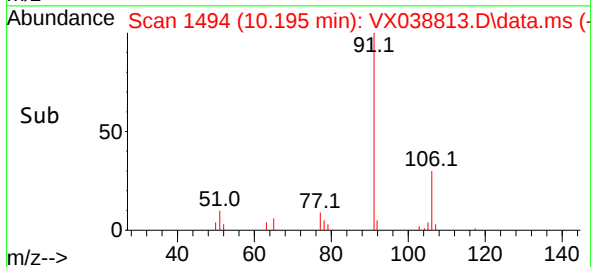
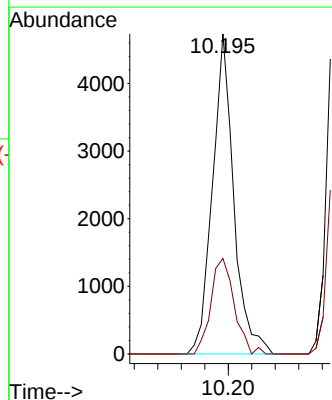
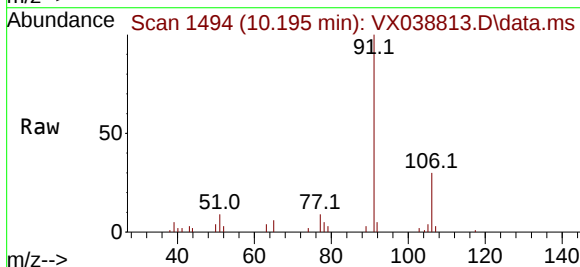
Instrument :
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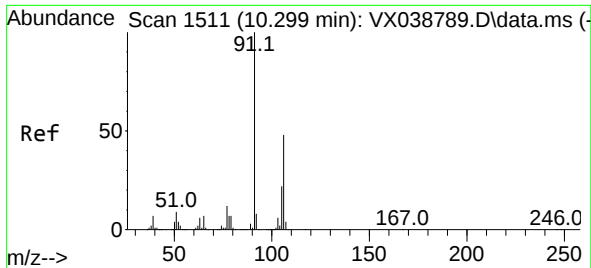
Tgt Ion:117 Resp: 191936
Ion Ratio Lower Upper
117 100
82 55.8 46.2 69.4
119 31.9 25.5 38.3



#67
Ethyl Benzene
Concen: 0.853 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038813.D
Acq: 14 Nov 2023 17:53

Tgt Ion: 91 Resp: 5951
Ion Ratio Lower Upper
91 100
106 29.9 24.9 37.3

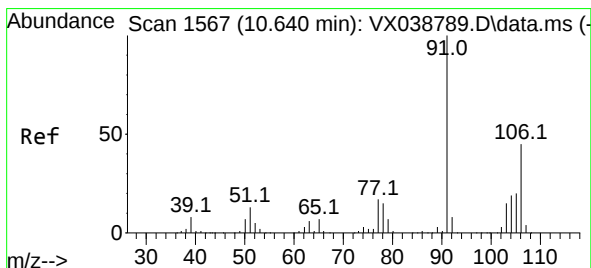
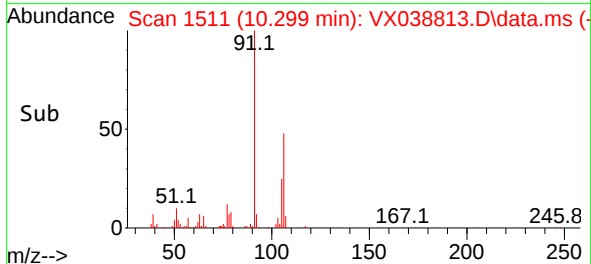
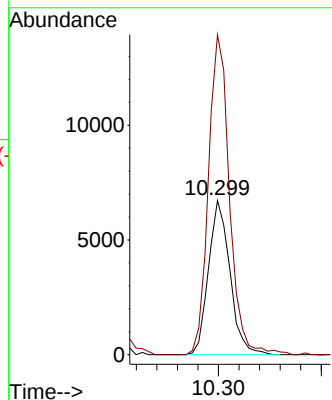
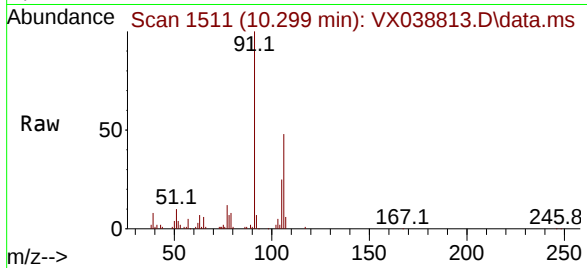




#68
m/p-Xylenes
Concen: 3.659 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX038813.D
Acq: 14 Nov 2023 17:53

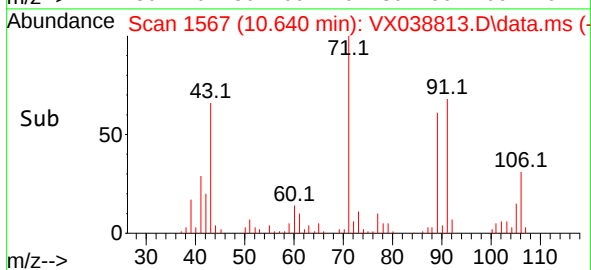
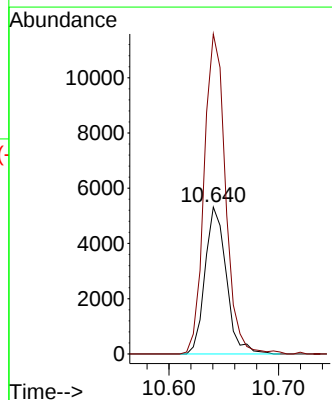
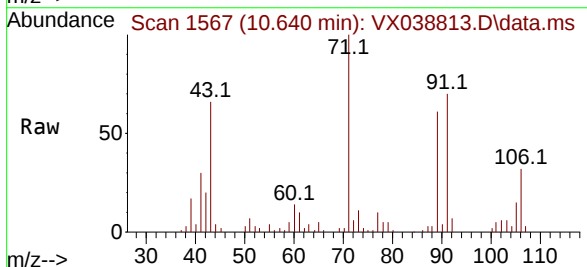
Instrument :
MSVOA_X
ClientSampleId :
S-11

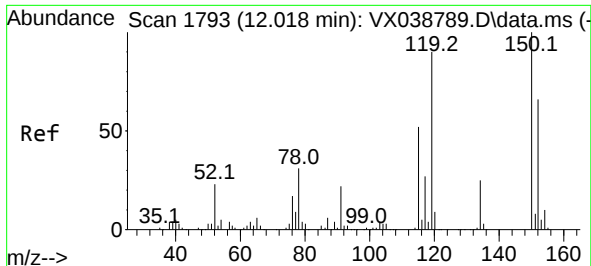
Tgt Ion:106 Resp: 9736
Ion Ratio Lower Upper
106 100
91 203.6 165.5 248.3



#69
o-Xylene
Concen: 2.774 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038813.D
Acq: 14 Nov 2023 17:53

Tgt Ion:106 Resp: 7163
Ion Ratio Lower Upper
106 100
91 218.8 108.9 326.8

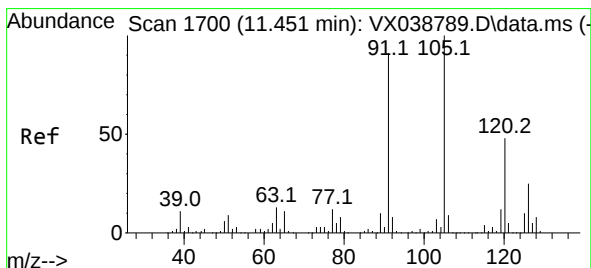
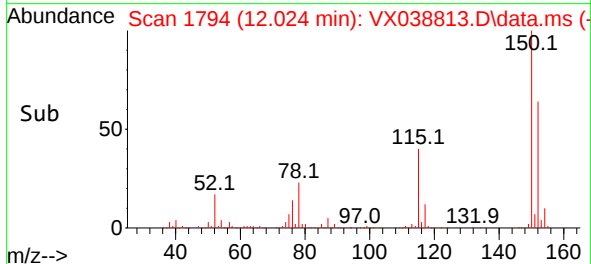
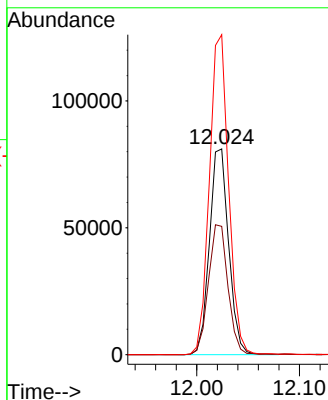
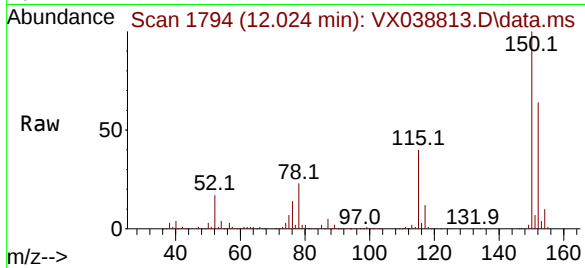




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX038813.D
 Acq: 14 Nov 2023 17:53

Instrument :
 MSVOA_X
 ClientSampleId :
 S-11

Tgt Ion:152 Resp: 105475
 Ion Ratio Lower Upper
 152 100
 115 64.1 43.3 129.9
 150 155.4 0.0 345.0



#80
 1,3,5-Trimethylbenzene
 Concen: 0.274 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX038813.D
 Acq: 14 Nov 2023 17:53

Tgt Ion:105 Resp: 1725
 Ion Ratio Lower Upper
 105 100
 120 46.5 24.1 72.3

