

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111423\
 Data File : VX038814.D
 Acq On : 14 Nov 2023 18:16
 Operator : JC/MD
 Sample : 05382-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S-12

Quant Time: Nov 15 14:45:40 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)

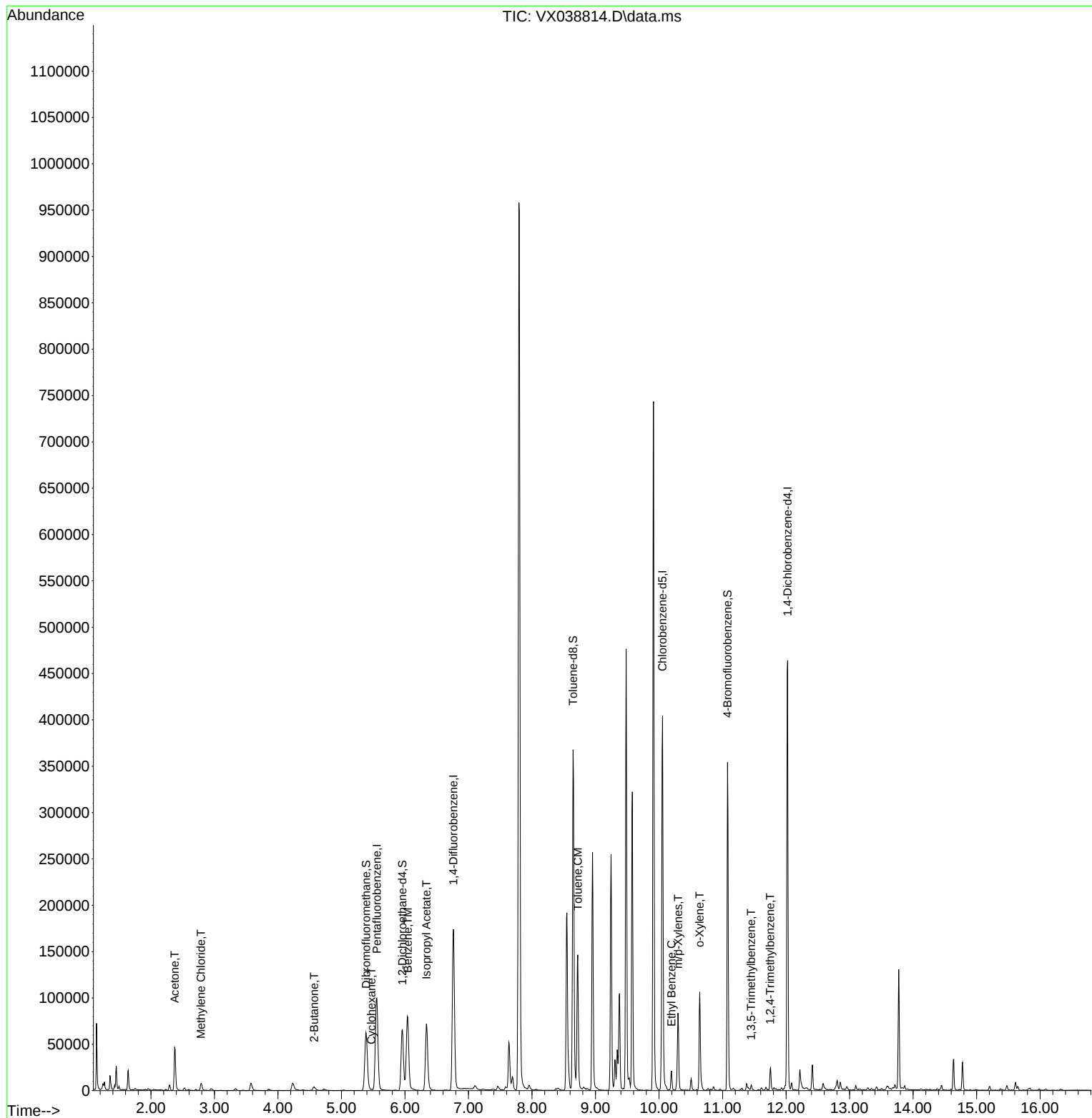
Internal Standards						
1) Pentafluorobenzene	5.556	168	98338	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	190208	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	195042	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101091	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64289	45.953	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.900%		
35) Dibromofluoromethane	5.385	113	58133	44.488	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.980%		
50) Toluene-d8	8.647	98	232411	48.017	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.040%		
62) 4-Bromofluorobenzene	11.079	95	106480	52.616	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.240%		
Target Compounds						Qvalue
16) Acetone	2.374	43	48412	64.578	ug/l	93
20) Methylene Chloride	2.788	84	4114	2.934	ug/l #	74
25) 2-Butanone	4.568	43	6028	5.411	ug/l	96
31) Cyclohexane	5.471	56	634	0.333	ug/l #	50
40) Benzene	6.044	78	102278	19.172	ug/l	98
43) Isopropyl Acetate	6.336	43	99460	31.343	ug/l	95
52) Toluene	8.720	92	56818	17.240	ug/l	96
67) Ethyl Benzene	10.195	91	12752	1.799	ug/l	98
68) m/p-Xylenes	10.299	106	19496	7.211	ug/l	99
69) o-Xylene	10.640	106	9761	3.721	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	2886	0.478	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	10236	1.687	ug/l	80

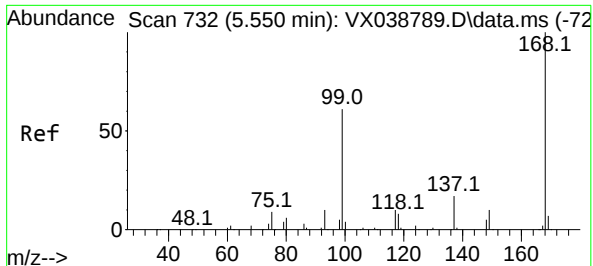
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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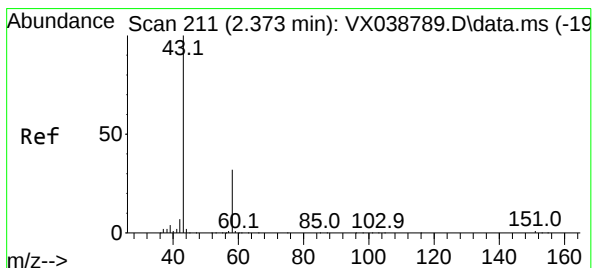
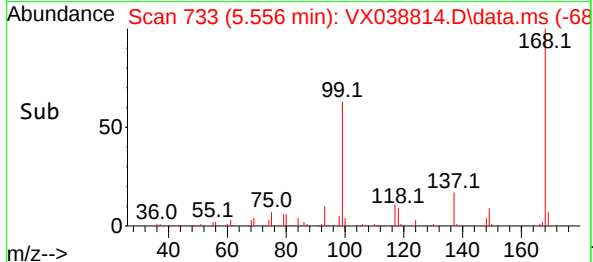
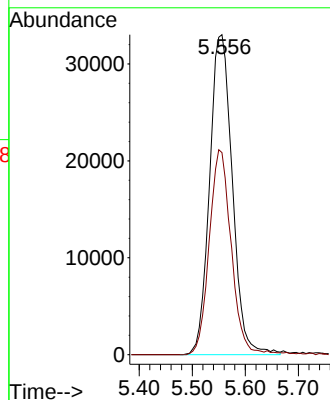
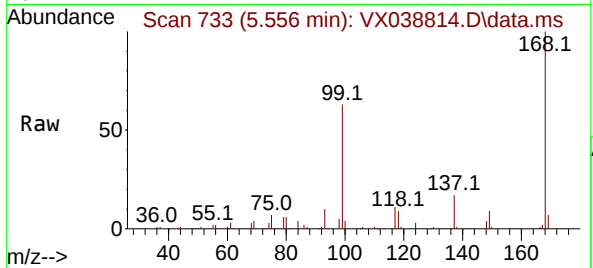




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 732
Delta R.T. 0.006 min
Lab File: VX038814.D
Acq: 14 Nov 2023 18:16

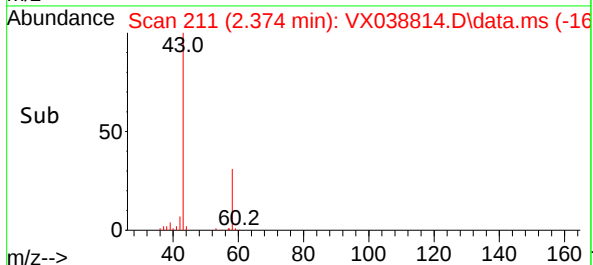
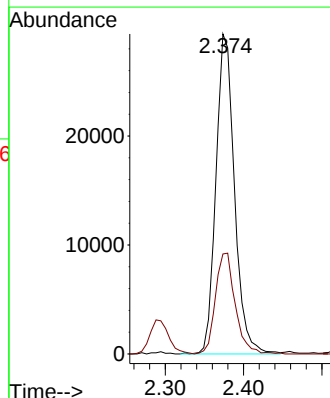
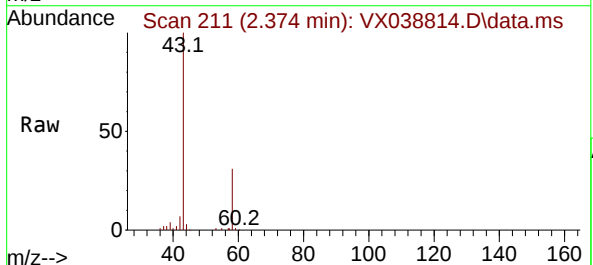
Instrument :
MSVOA_X
ClientSampleId :
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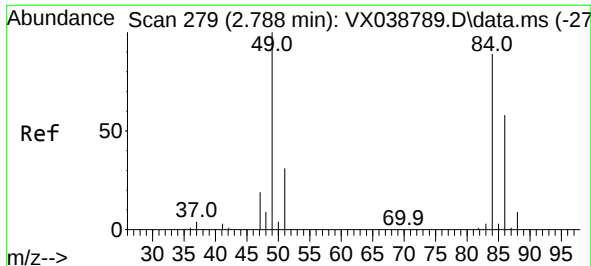
Tgt Ion:168 Resp: 98338
Ion Ratio Lower Upper
168 100
99 63.1 56.6 85.0



#16
Acetone
Concen: 64.578 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX038814.D
Acq: 14 Nov 2023 18:16

Tgt Ion: 43 Resp: 48412
Ion Ratio Lower Upper
43 100
58 31.0 21.9 32.9

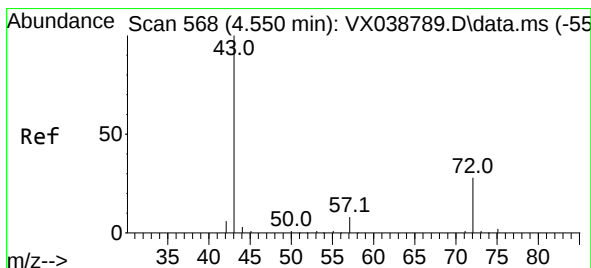
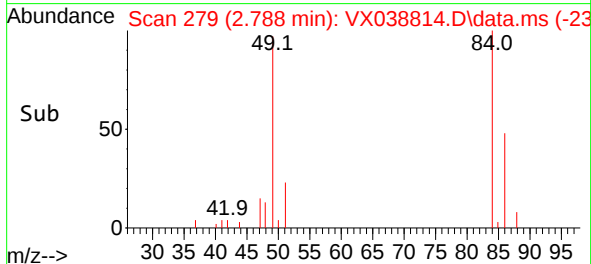
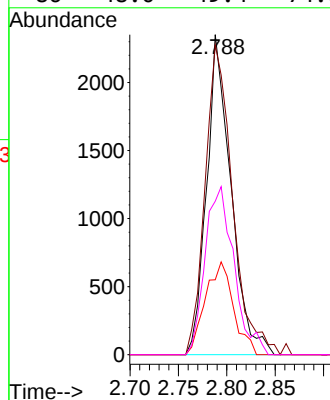
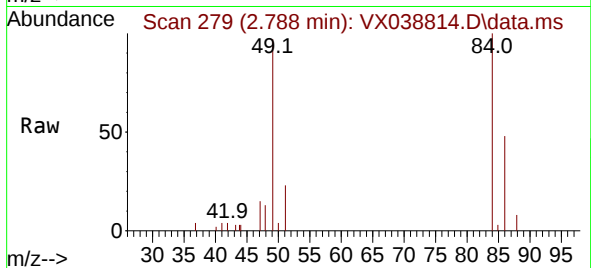




#20
Methylene Chloride
Concen: 2.934 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038814.D
Acq: 14 Nov 2023 18:16

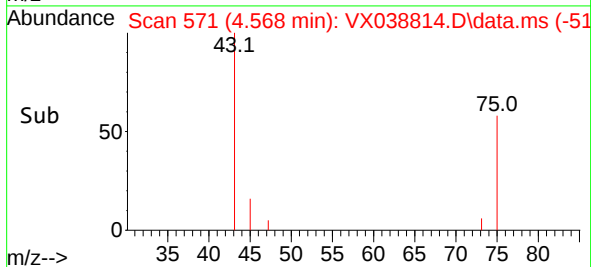
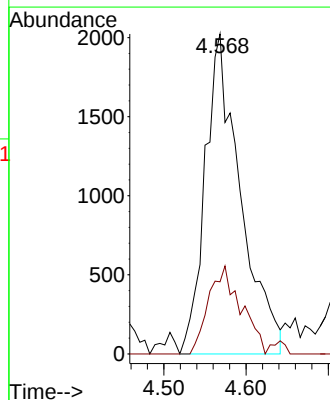
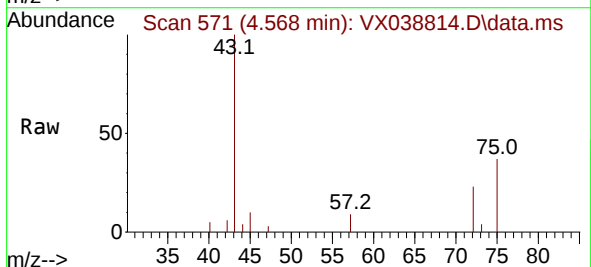
Instrument :
MSVOA_X
ClientSampleId :
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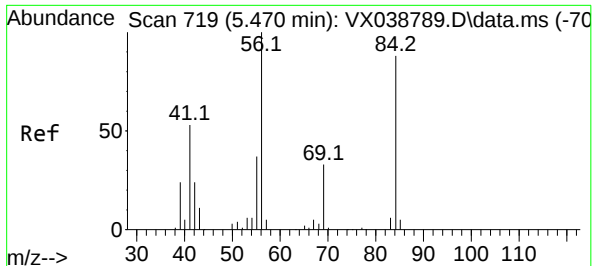
Tgt Ion:	84	Resp:	4114
Ion	Ratio	Lower	Upper
84	100		
49	96.8	103.6	155.4#
51	23.4	33.8	50.6#
86	48.0	49.4	74.0#



#25
2-Butanone
Concen: 5.411 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.018 min
Lab File: VX038814.D
Acq: 14 Nov 2023 18:16

Tgt Ion:	43	Resp:	6028
Ion	Ratio	Lower	Upper
43	100		
72	22.5	19.4	29.2

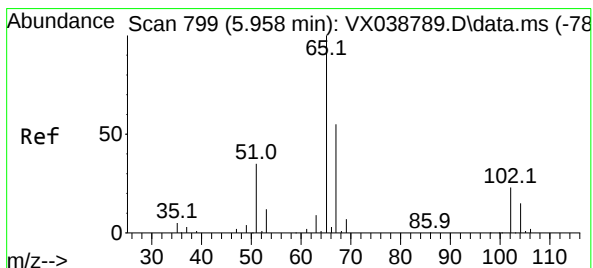
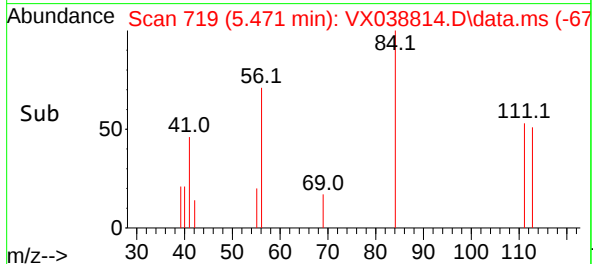
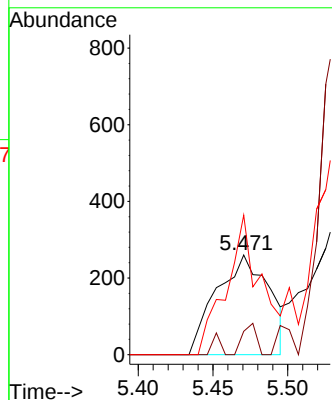
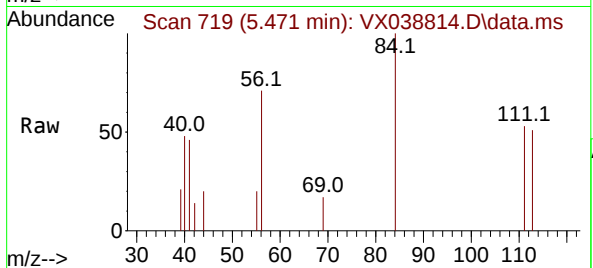




#31
Cyclohexane
Concen: 0.333 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX038814.D
Acq: 14 Nov 2023 18:16

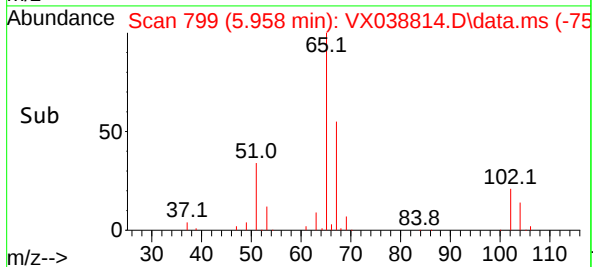
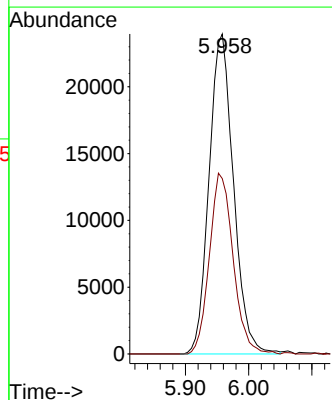
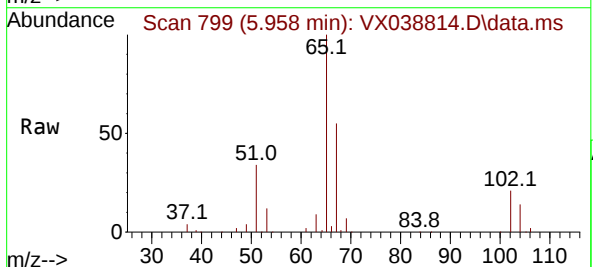
Instrument :
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ClientSampleId :
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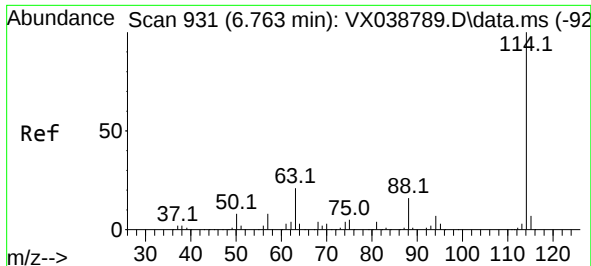
Tgt Ion: 56 Resp: 634
Ion Ratio Lower Upper
56 100
69 23.5 23.4 35.2
84 140.0 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.953 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038814.D
Acq: 14 Nov 2023 18:16

Tgt Ion: 65 Resp: 64289
Ion Ratio Lower Upper
65 100
67 55.0 0.0 100.2

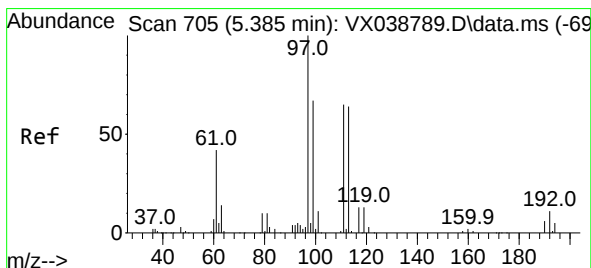
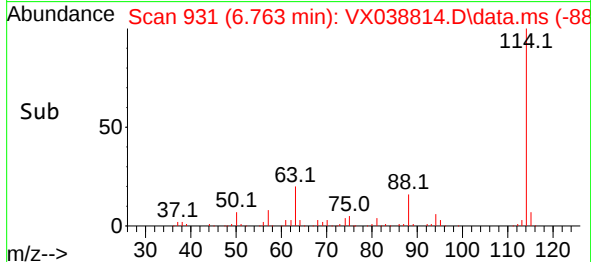
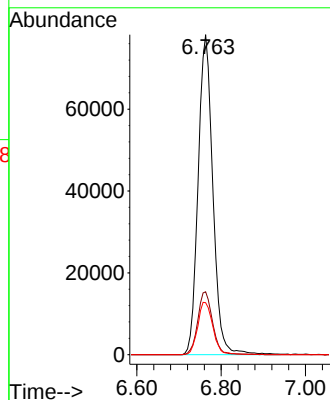
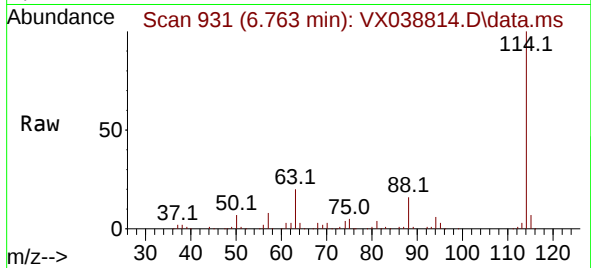




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX038814.D
Acq: 14 Nov 2023 18:16

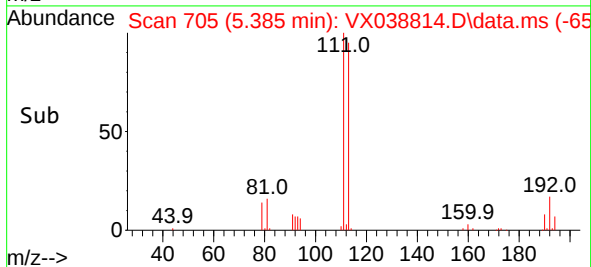
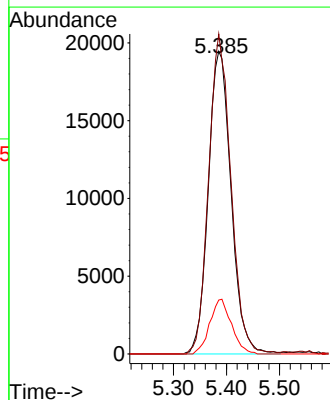
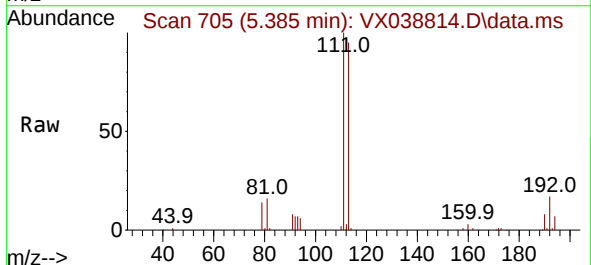
Instrument :
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ClientSampleId :
S-12

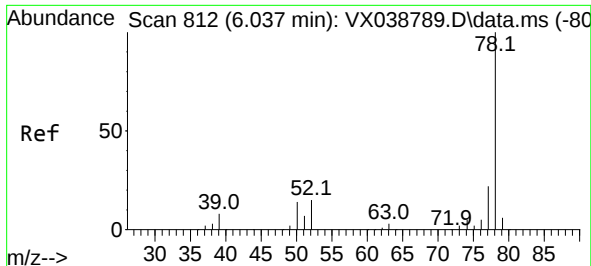
Tgt Ion:114 Resp: 190208
Ion Ratio Lower Upper
114 100
63 19.6 0.0 45.0
88 16.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.488 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038814.D
Acq: 14 Nov 2023 18:16

Tgt Ion:113 Resp: 58133
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 17.2 13.3 19.9

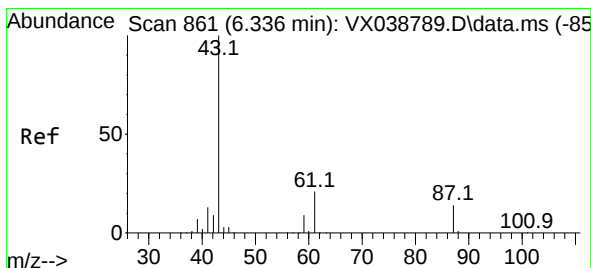
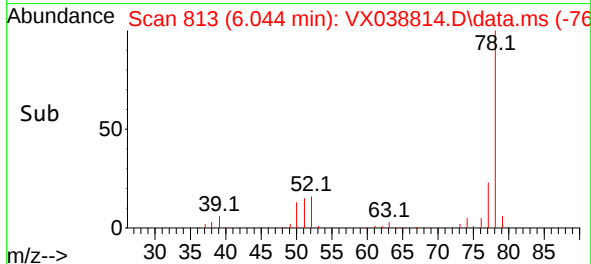
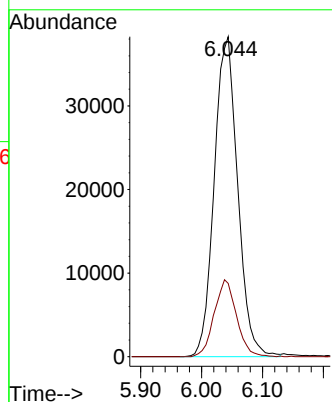
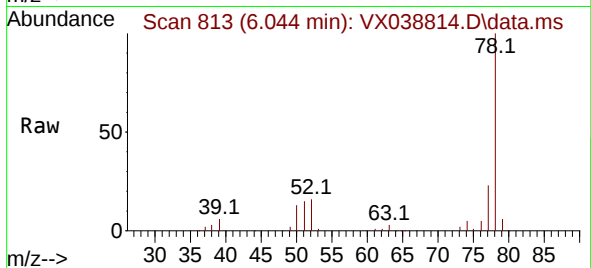




#40
Benzene
Concen: 19.172 ug/l
RT: 6.044 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX038814.D
Acq: 14 Nov 2023 18:16

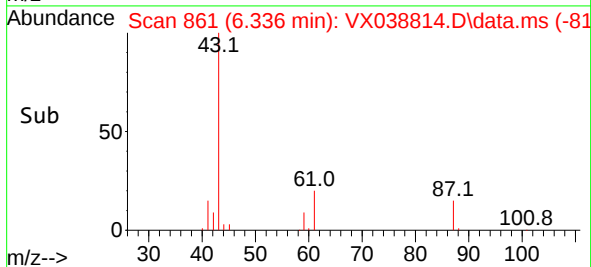
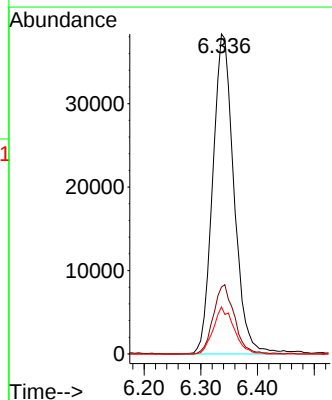
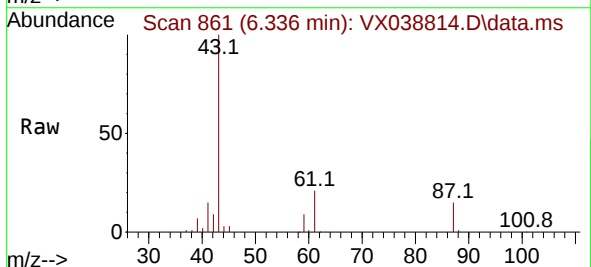
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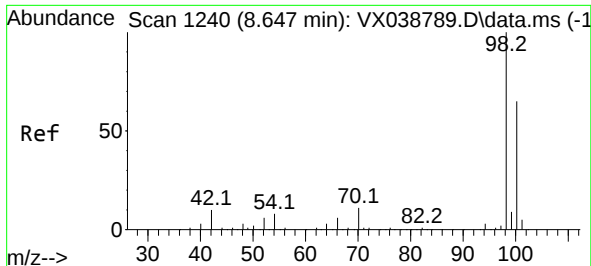
Tgt Ion: 78 Resp: 102278
Ion Ratio Lower Upper
78 100
77 22.9 19.3 28.9



#43
Isopropyl Acetate
Concen: 31.343 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX038814.D
Acq: 14 Nov 2023 18:16

Tgt Ion: 43 Resp: 99460
Ion Ratio Lower Upper
43 100
61 21.4 15.2 22.8
87 14.4 9.8 14.6

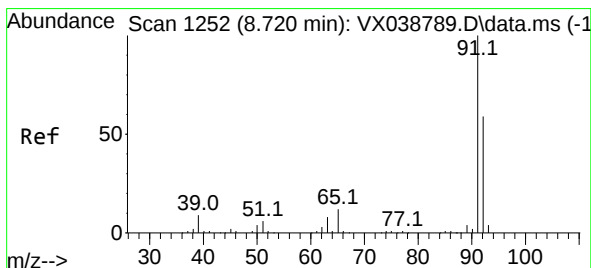
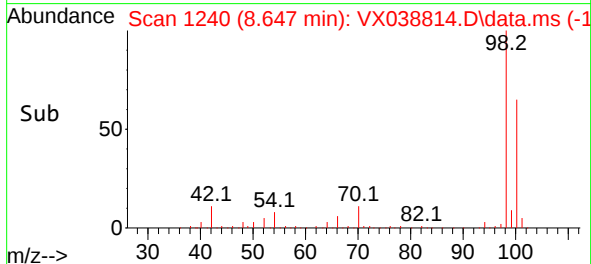
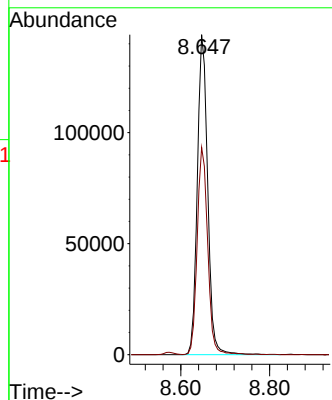
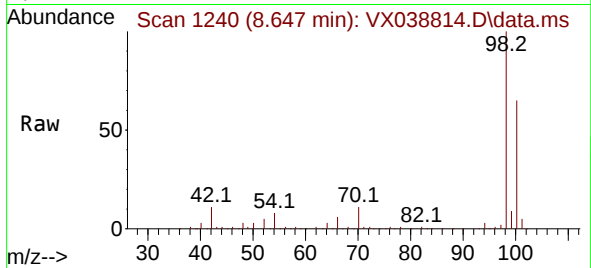




#50
Toluene-d8
Concen: 48.017 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038814.D
Acq: 14 Nov 2023 18:16

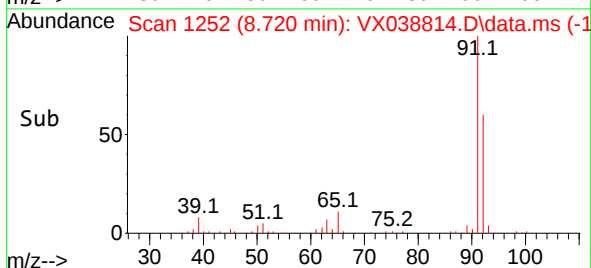
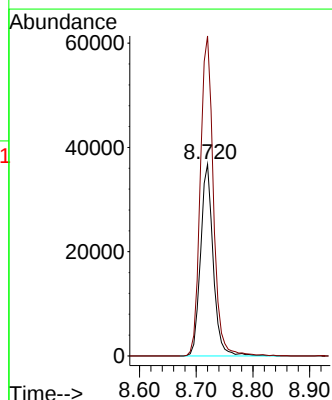
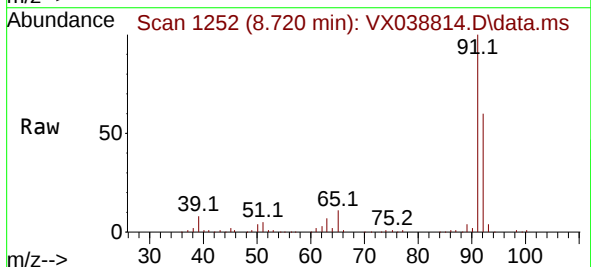
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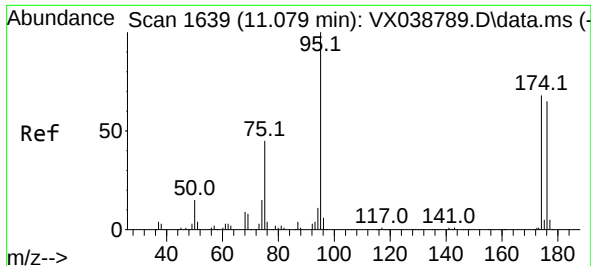
Tgt Ion: 98 Resp: 232411
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7



#52
Toluene
Concen: 17.240 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX038814.D
Acq: 14 Nov 2023 18:16

Tgt Ion: 92 Resp: 56818
Ion Ratio Lower Upper
92 100
91 173.1 134.2 201.2

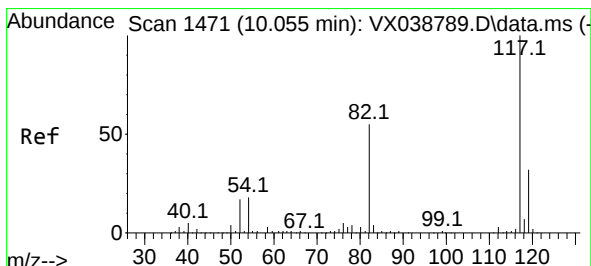
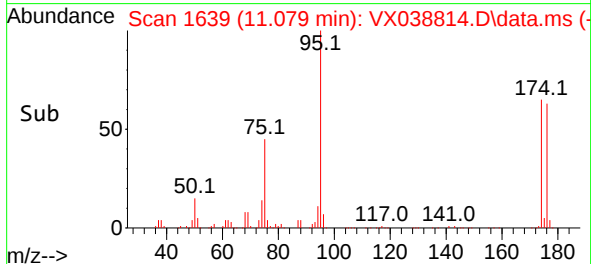
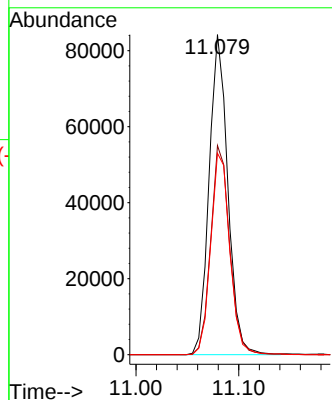
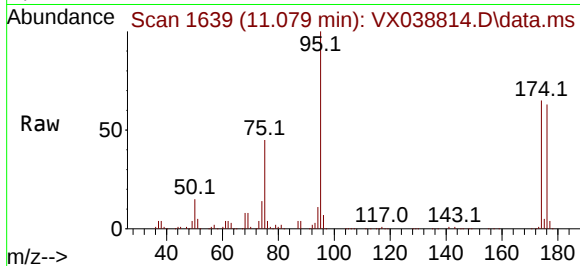




#62
4-Bromofluorobenzene
Concen: 52.616 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038814.D
Acq: 14 Nov 2023 18:16

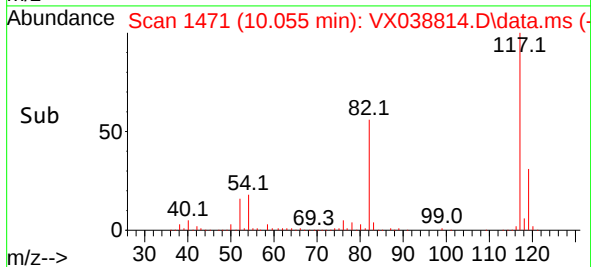
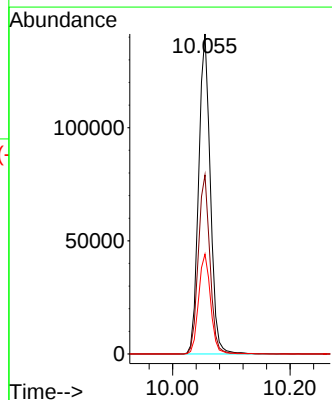
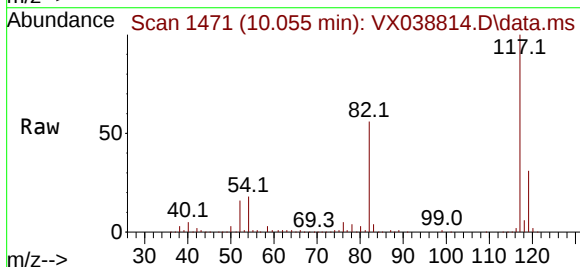
Instrument :
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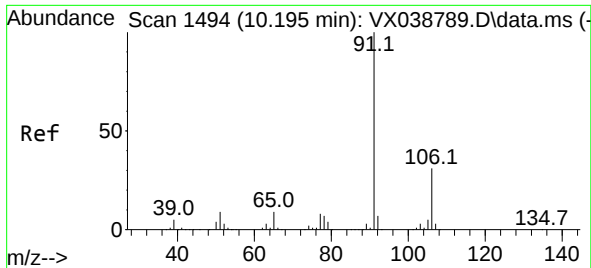
Tgt Ion: 95 Resp: 106480
Ion Ratio Lower Upper
95 100
174 66.5 0.0 135.6
176 64.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038814.D
Acq: 14 Nov 2023 18:16

Tgt Ion: 117 Resp: 195042
Ion Ratio Lower Upper
117 100
82 56.0 46.2 69.4
119 31.2 25.5 38.3

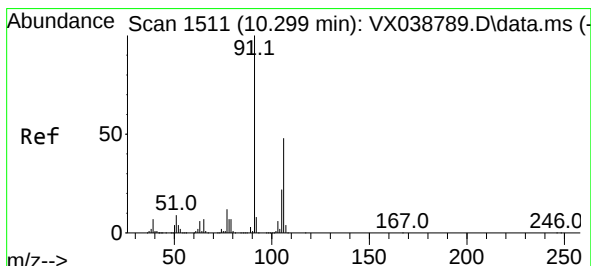
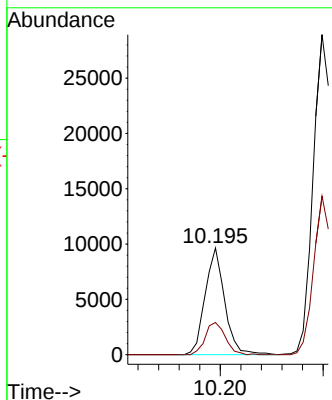
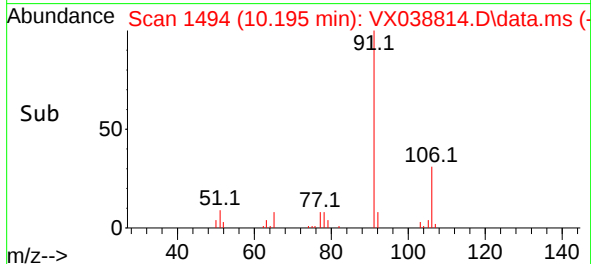
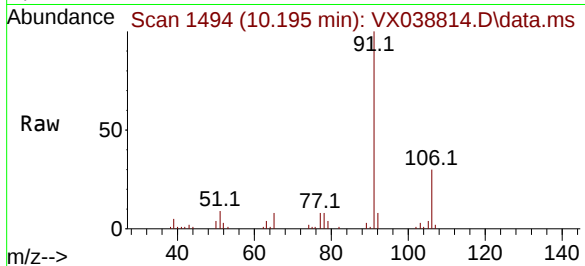




#67
Ethyl Benzene
Concen: 1.799 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038814.D
Acq: 14 Nov 2023 18:16

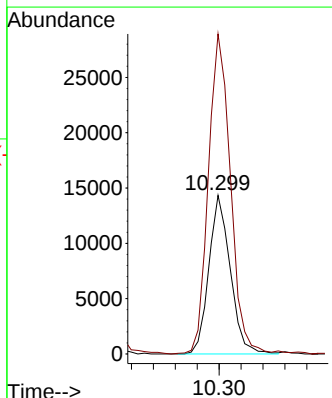
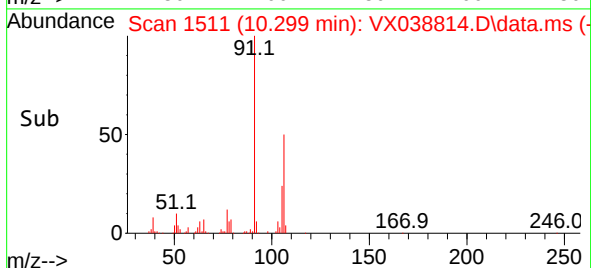
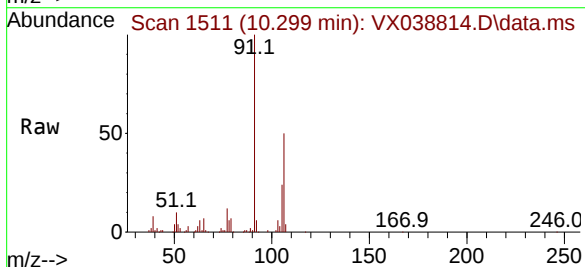
Instrument :
MSVOA_X
ClientSampleId :
S-12

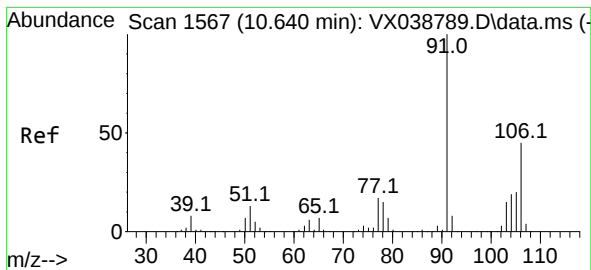
Tgt Ion: 91 Resp: 12752
Ion Ratio Lower Upper
91 100
106 30.1 24.9 37.3



#68
m/p-Xylenes
Concen: 7.211 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX038814.D
Acq: 14 Nov 2023 18:16

Tgt Ion: 106 Resp: 19496
Ion Ratio Lower Upper
106 100
91 209.2 165.5 248.3





#69

o-Xylene

Concen: 3.721 ug/l

RT: 10.640 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038814.D

Acq: 14 Nov 2023 18:16

Instrument :

MSVOA_X

ClientSampleId :

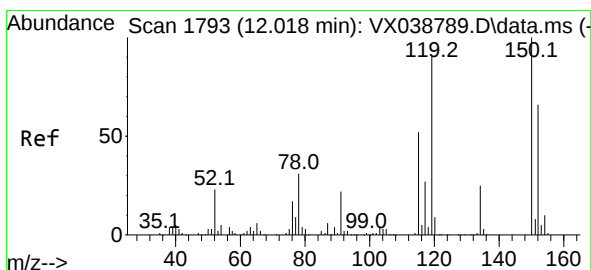
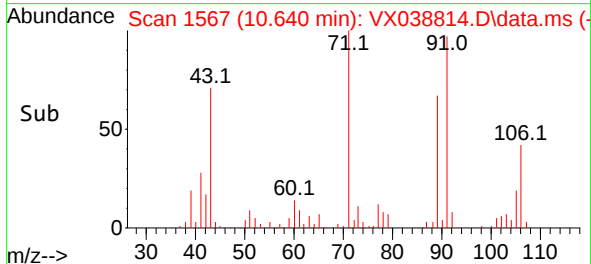
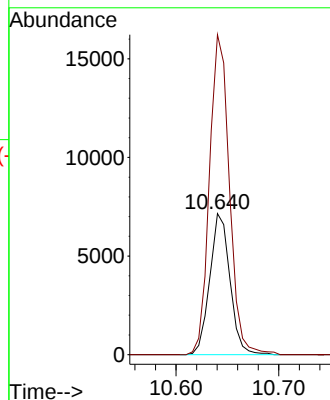
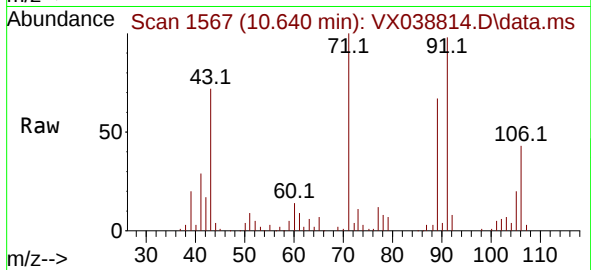
S-12

Tgt Ion:106 Resp: 9761

Ion Ratio Lower Upper

106 100

91 224.2 108.9 326.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX038814.D

Acq: 14 Nov 2023 18:16

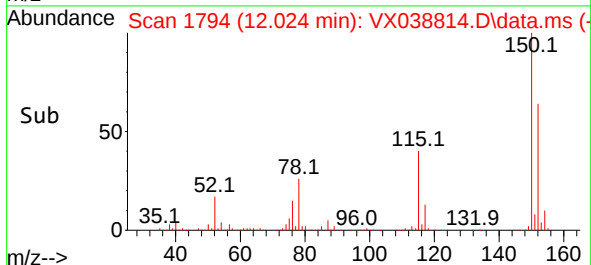
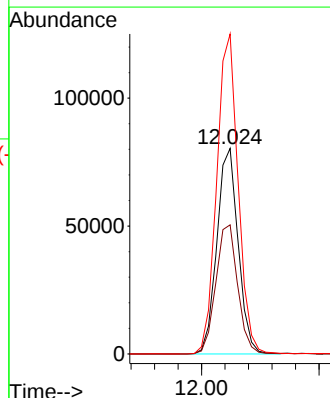
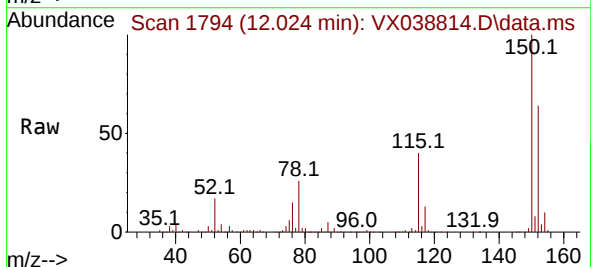
Tgt Ion:152 Resp: 101091

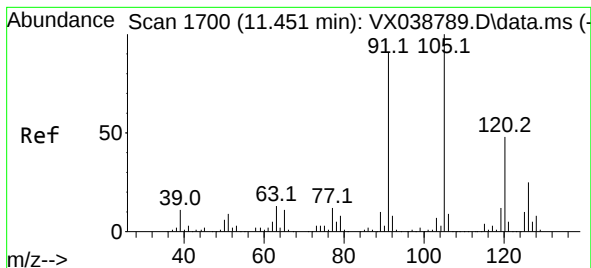
Ion Ratio Lower Upper

152 100

115 64.5 43.3 129.9

150 156.3 0.0 345.0





#80

1,3,5-Trimethylbenzene

Concen: 0.478 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX038814.D

Acq: 14 Nov 2023 18:16

Instrument :

MSVOA_X

ClientSampleId :

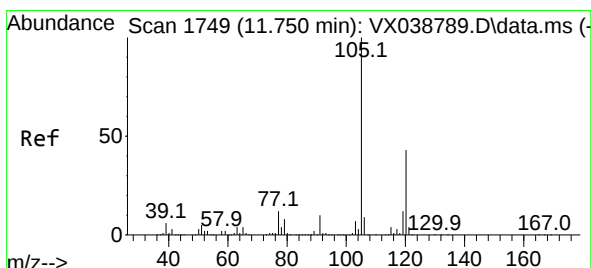
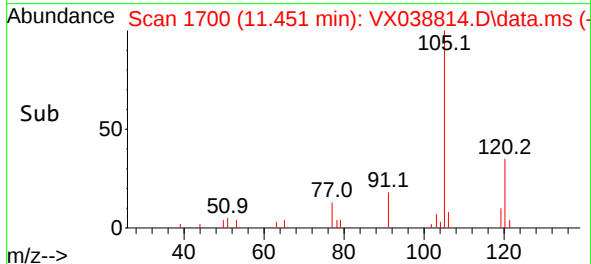
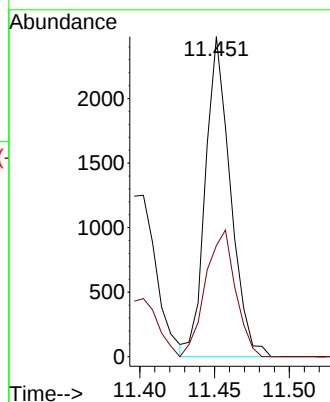
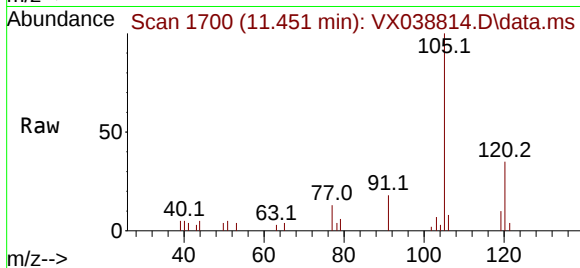
S-12

Tgt Ion:105 Resp: 2886

Ion Ratio Lower Upper

105 100

120 47.4 24.1 72.3



#84

1,2,4-Trimethylbenzene

Concen: 1.687 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX038814.D

Acq: 14 Nov 2023 18:16

Tgt Ion:105 Resp: 10236

Ion Ratio Lower Upper

105 100

120 29.8 21.2 63.6

