

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093023\
 Data File : VX038007.D
 Acq On : 30 Sep 2023 16:26
 Operator : JC/MD
 Sample : 04647-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S-4

Quant Time: Oct 02 02:13:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

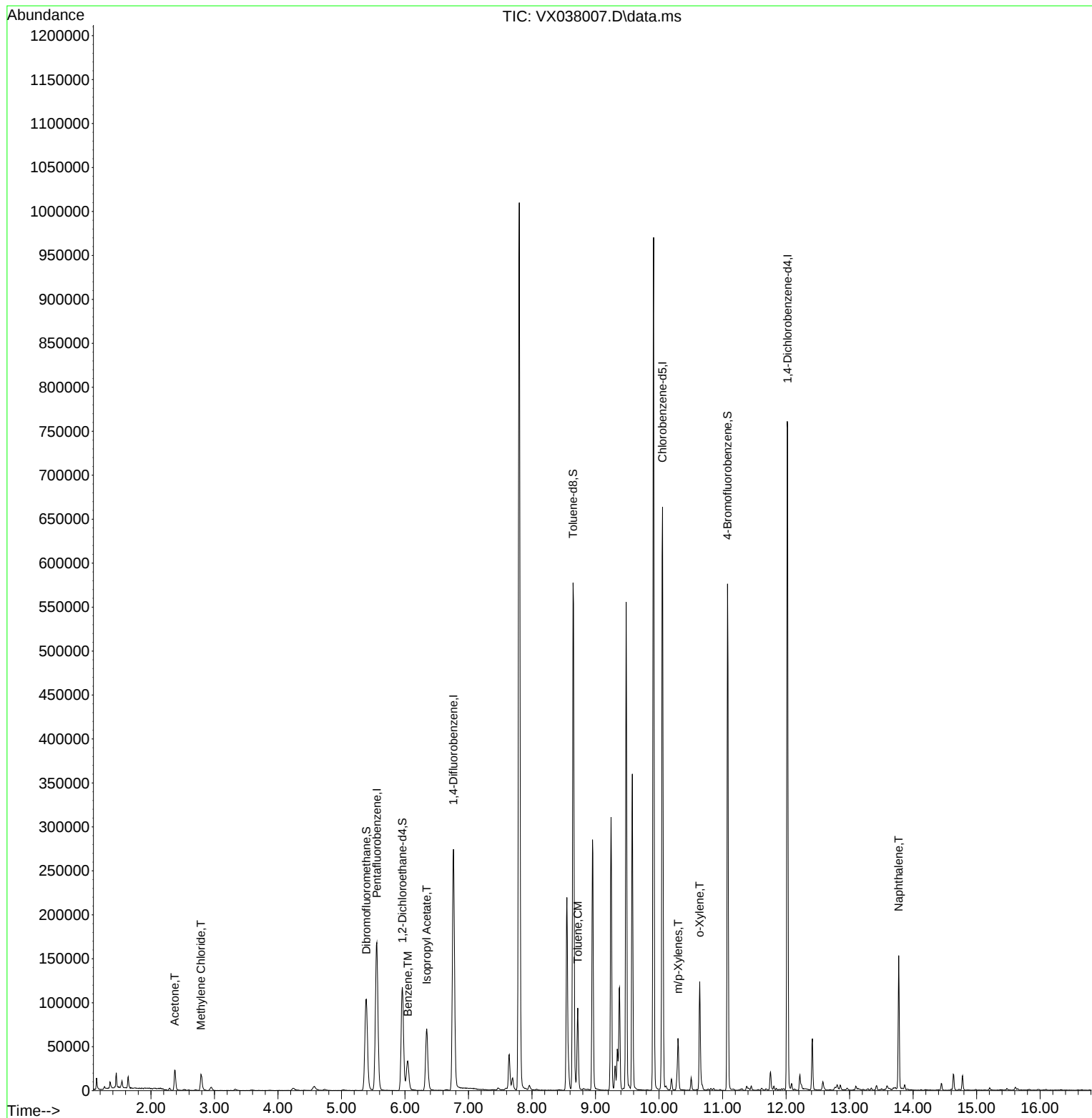
Internal Standards						
1) Pentafluorobenzene	5.556	168	154207	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	273057	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	283309	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	151456	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	113716	56.127	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 112.260%		
35) Dibromofluoromethane	5.391	113	90167	49.351	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 98.700%		
50) Toluene-d8	8.647	98	344791	50.790	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 101.580%		
62) 4-Bromofluorobenzene	11.079	95	139983	56.746	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 113.500%		
Target Compounds						
						Qvalue
16) Acetone	2.374	43	24629	25.270	ug/l	100
20) Methylene Chloride	2.788	84	8661	4.784	ug/l	93
40) Benzene	6.044	78	41035	5.302	ug/l	98
43) Isopropyl Acetate	6.342	43	92996	21.019	ug/l	98
52) Toluene	8.720	92	32371	6.490	ug/l	93
68) m/p-Xylenes	10.299	106	12382	3.024	ug/l	97
69) o-Xylene	10.640	106	8483	2.066	ug/l	94
95) Naphthalene	13.774	128	88003	8.439	ug/l	99

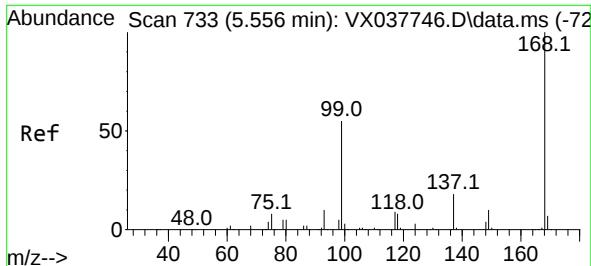
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093023\
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QLast Update : Sat Sep 16 04:55:44 2023
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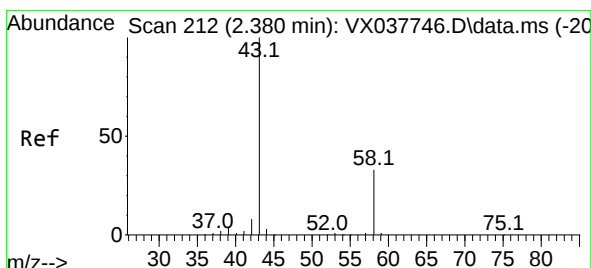
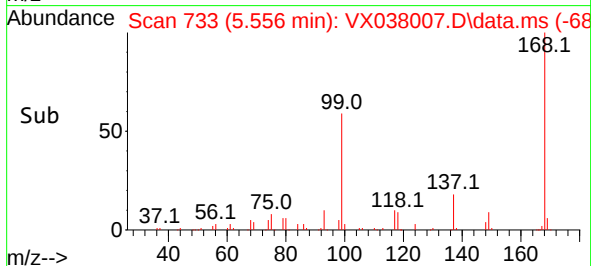
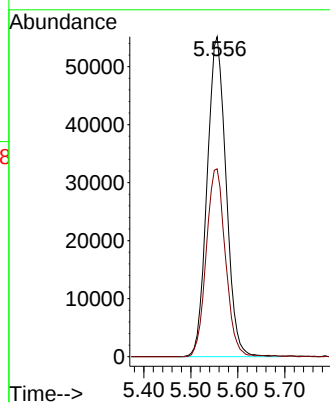
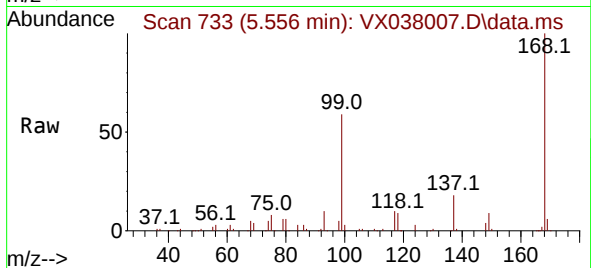




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038007.D
Acq: 30 Sep 2023 16:26

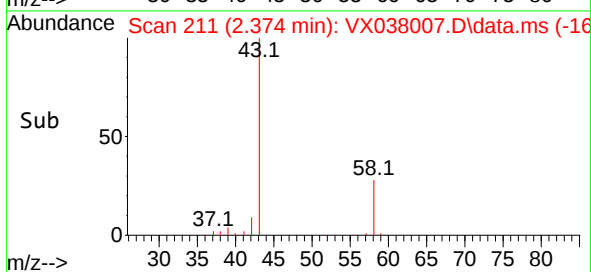
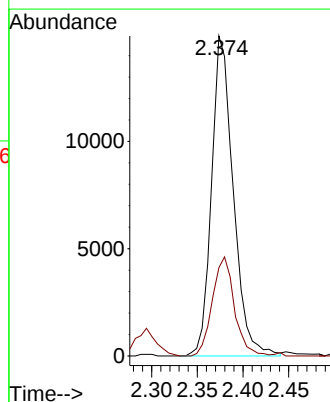
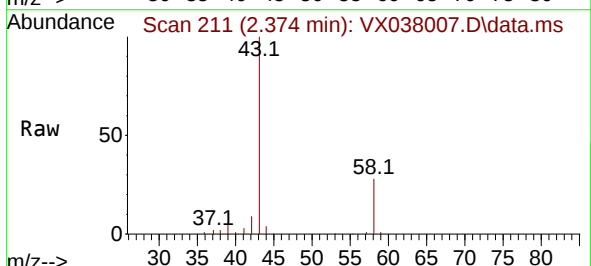
Instrument :
MSVOA_X
ClientSampleId :
S-4

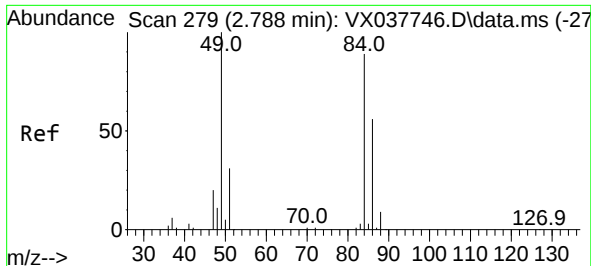
Tgt Ion:168 Resp: 154207
Ion Ratio Lower Upper
168 100
99 58.7 56.6 85.0



#16
Acetone
Concen: 25.270 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX038007.D
Acq: 30 Sep 2023 16:26

Tgt Ion: 43 Resp: 24629
Ion Ratio Lower Upper
43 100
58 27.6 21.9 32.9

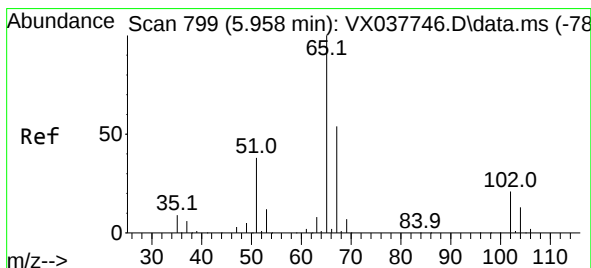
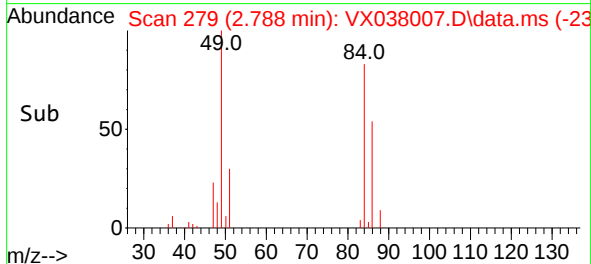
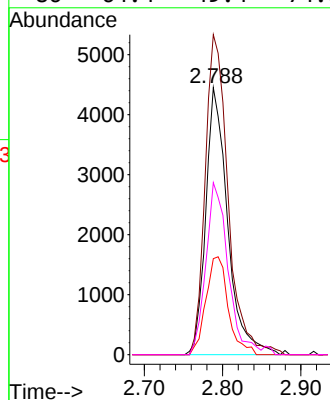
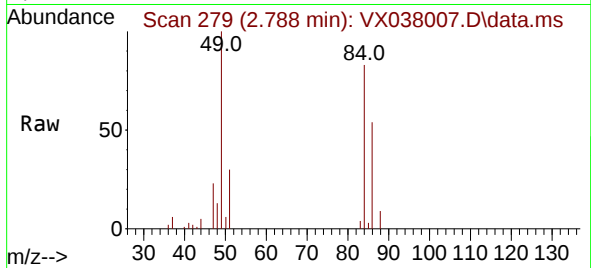




#20
Methylene Chloride
Concen: 4.784 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038007.D
Acq: 30 Sep 2023 16:26

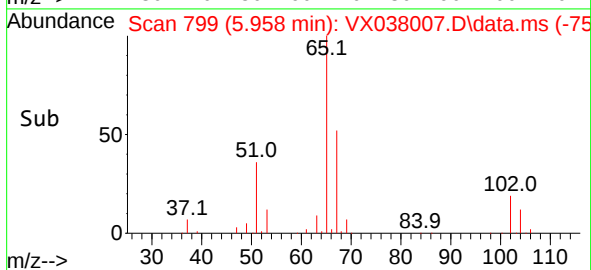
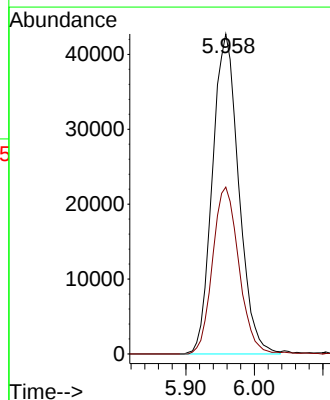
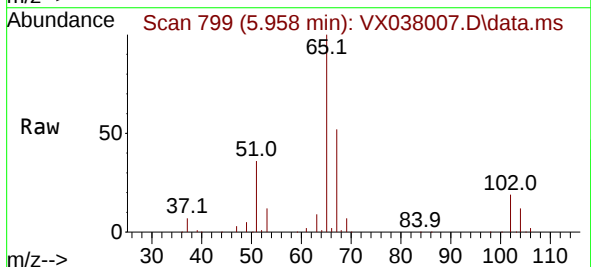
Instrument :
MSVOA_X
ClientSampleId :
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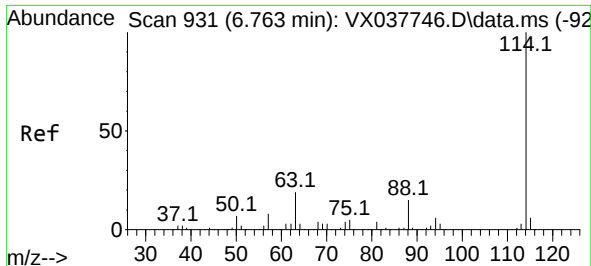
Tgt Ion:	84	Resp:	8661
Ion	Ratio	Lower	Upper
84	100		
49	119.8	103.6	155.4
51	36.0	33.8	50.6
86	64.4	49.4	74.0



#33
1,2-Dichloroethane-d4
Concen: 56.127 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038007.D
Acq: 30 Sep 2023 16:26

Tgt Ion:	65	Resp:	113716
Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	100.2

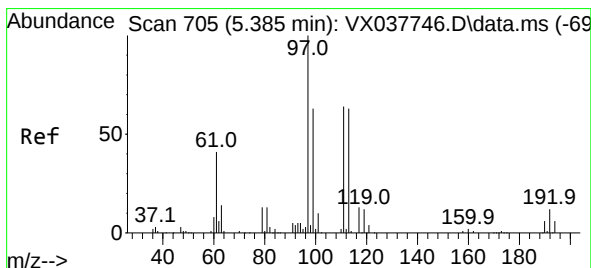
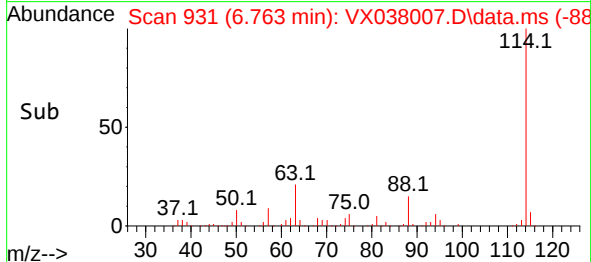
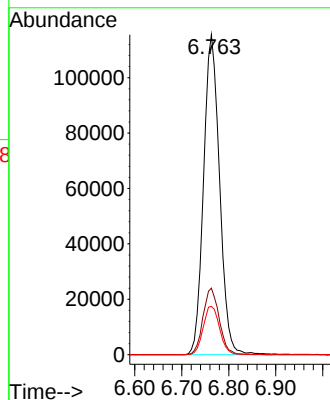
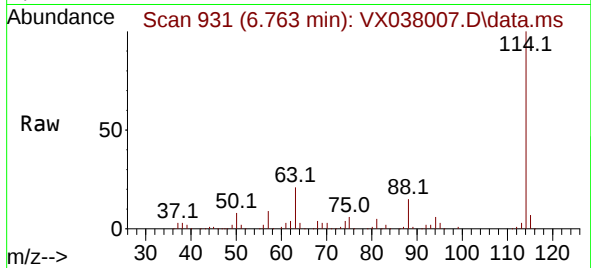




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038007.D
Acq: 30 Sep 2023 16:26

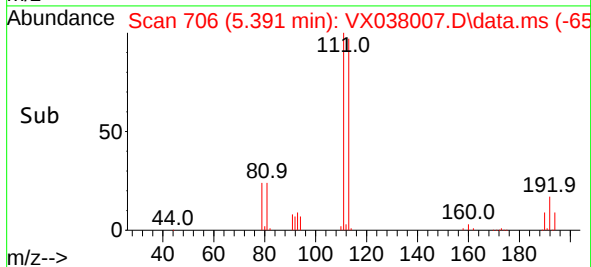
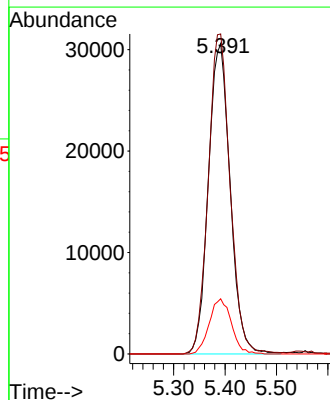
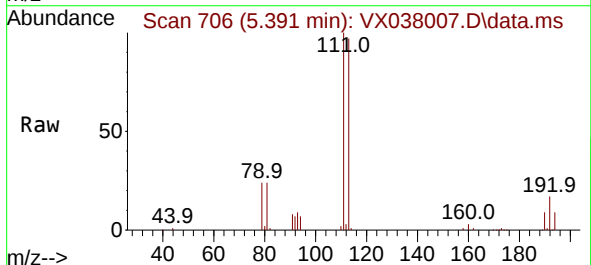
Instrument :
MSVOA_X
ClientSampleId :
S-4

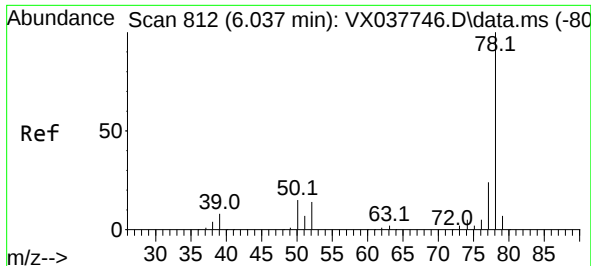
Tgt Ion:114 Resp: 273057
Ion Ratio Lower Upper
114 100
63 20.8 0.0 45.0
88 15.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.351 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038007.D
Acq: 30 Sep 2023 16:26

Tgt Ion:113 Resp: 90167
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 18.0 13.3 19.9

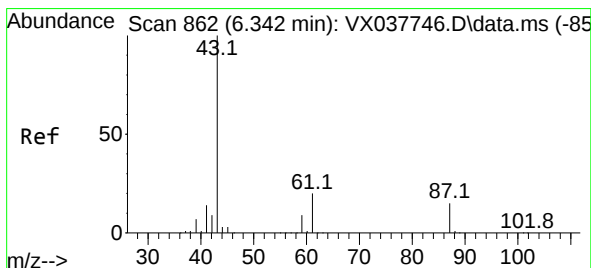
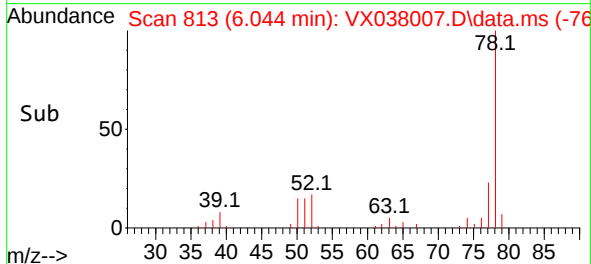
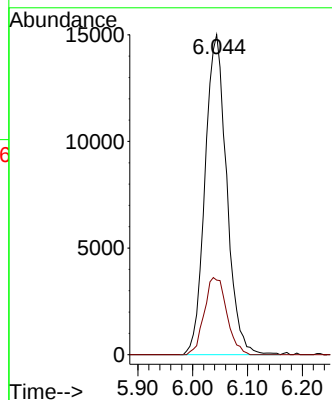
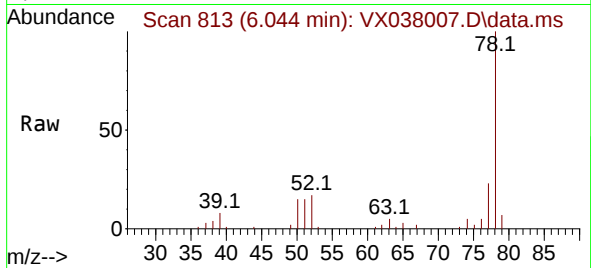




#40
Benzene
Concen: 5.302 ug/l
RT: 6.044 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX038007.D
Acq: 30 Sep 2023 16:26

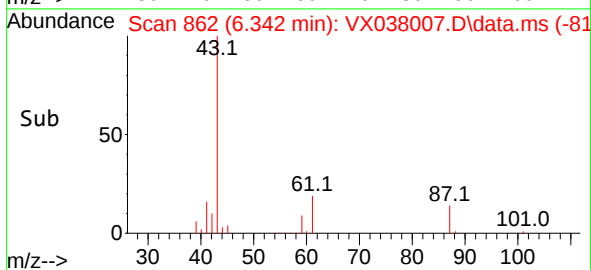
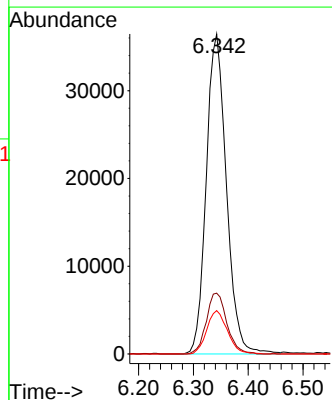
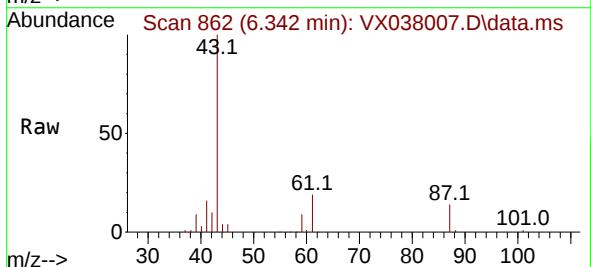
Instrument :
MSVOA_X
ClientSampleId :
S-4

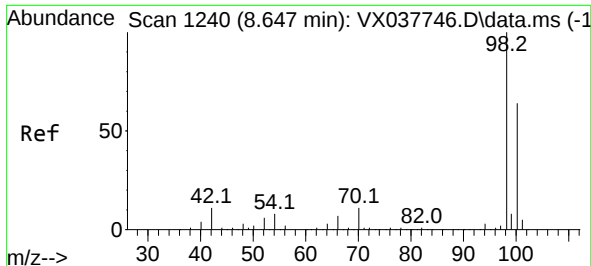
Tgt Ion: 78 Resp: 41035
Ion Ratio Lower Upper
78 100
77 23.3 19.3 28.9



#43
Isopropyl Acetate
Concen: 21.019 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX038007.D
Acq: 30 Sep 2023 16:26

Tgt Ion: 43 Resp: 92996
Ion Ratio Lower Upper
43 100
61 19.3 15.2 22.8
87 13.9 9.8 14.6





#50

Toluene-d8

Concen: 50.790 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038007.D

Acq: 30 Sep 2023 16:26

Instrument :

MSVOA_X

ClientSampleId :

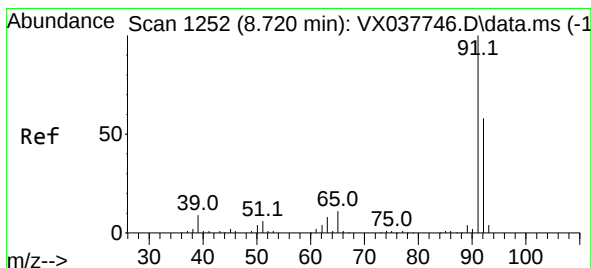
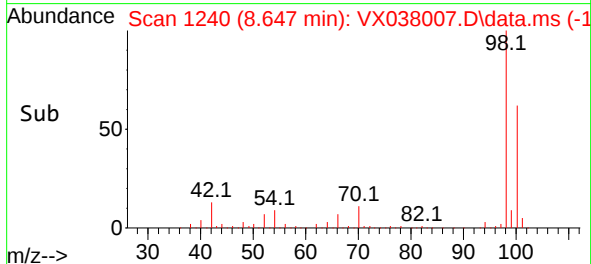
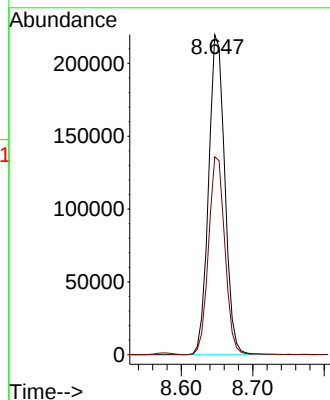
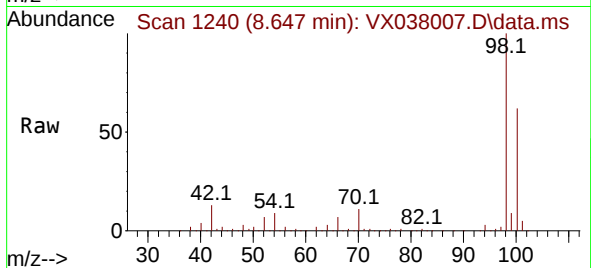
S-4

Tgt Ion: 98 Resp: 344791

Ion Ratio Lower Upper

98 100

100 62.5 53.1 79.7



#52

Toluene

Concen: 6.490 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX038007.D

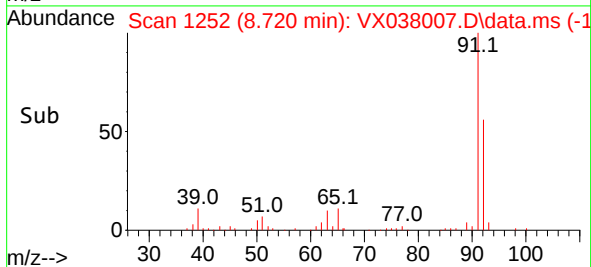
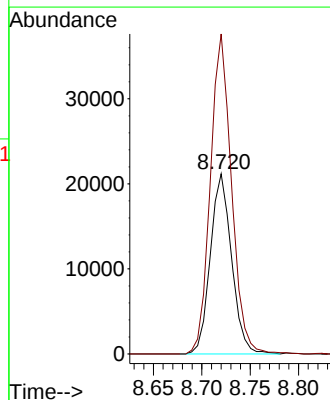
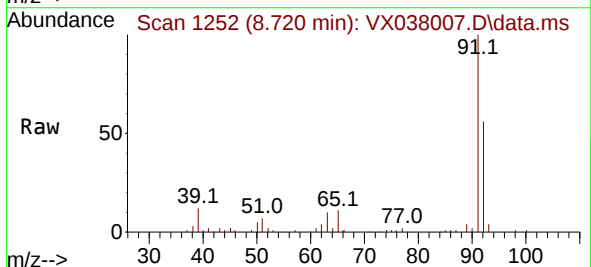
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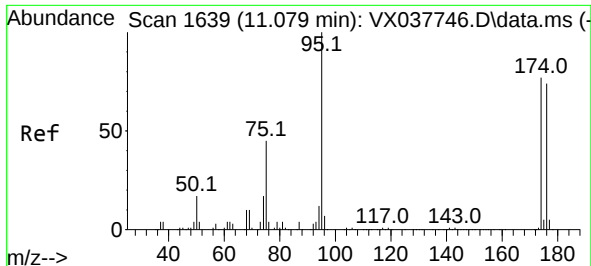
Tgt Ion: 92 Resp: 32371

Ion Ratio Lower Upper

92 100

91 177.1 134.2 201.2

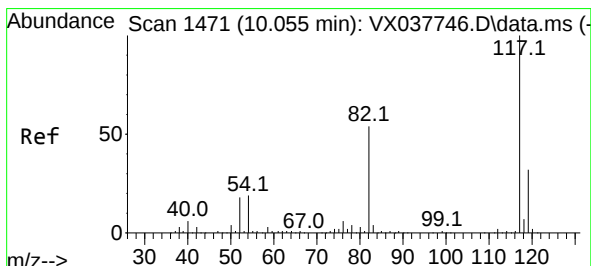
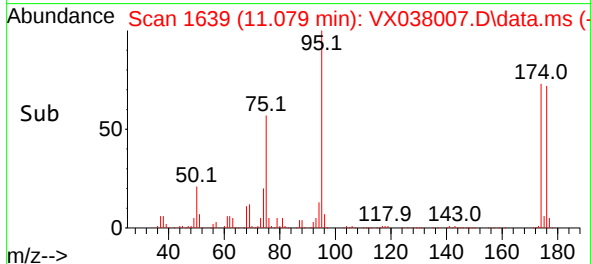
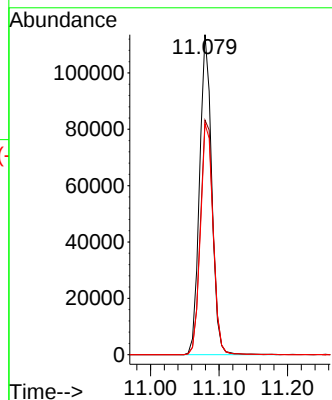
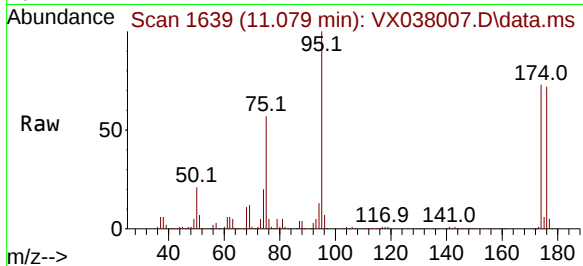




#62
4-Bromofluorobenzene
Concen: 56.746 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038007.D
Acq: 30 Sep 2023 16:26

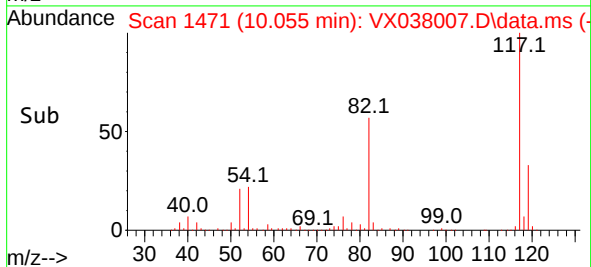
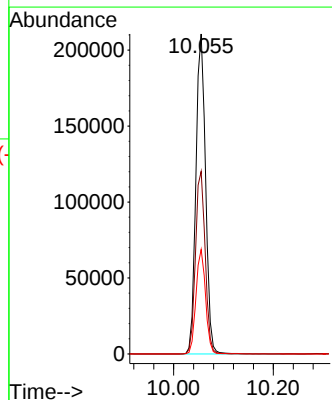
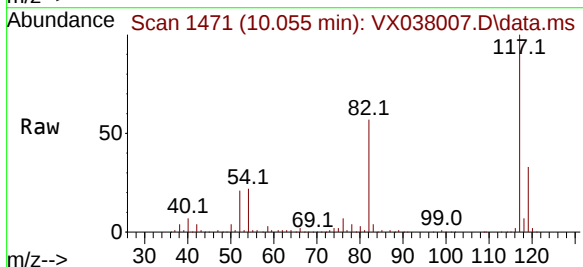
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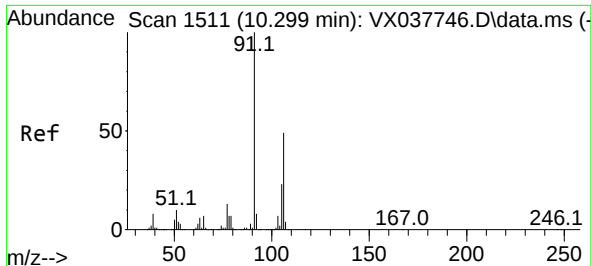
Tgt Ion: 95 Resp: 139983
Ion Ratio Lower Upper
95 100
174 77.6 0.0 135.6
176 75.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038007.D
Acq: 30 Sep 2023 16:26

Tgt Ion: 117 Resp: 283309
Ion Ratio Lower Upper
117 100
82 57.1 46.2 69.4
119 32.7 25.5 38.3

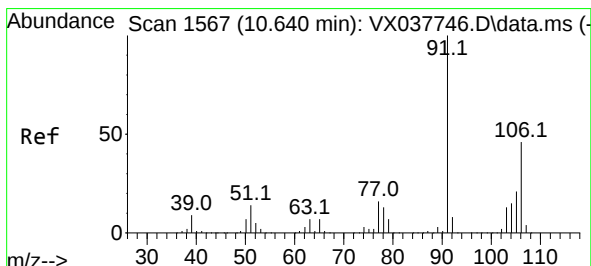
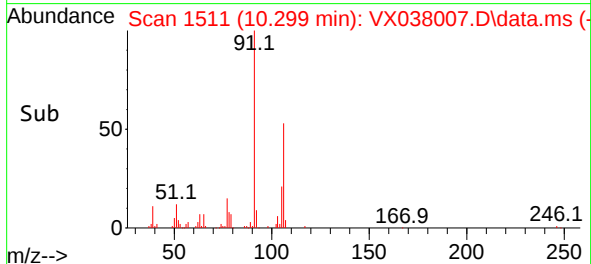
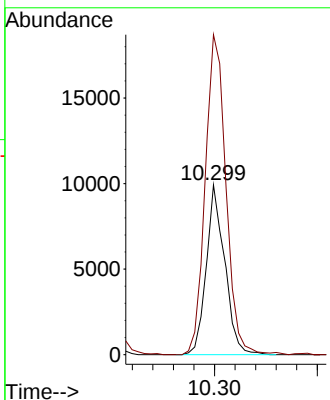
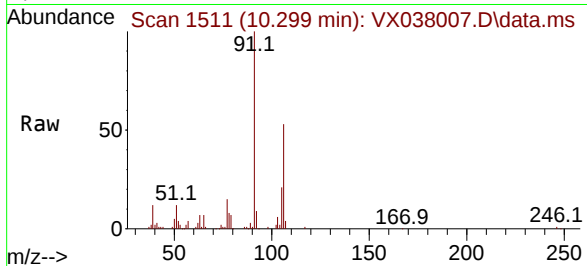




#68
m/p-Xylenes
Concen: 3.024 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX038007.D
Acq: 30 Sep 2023 16:26

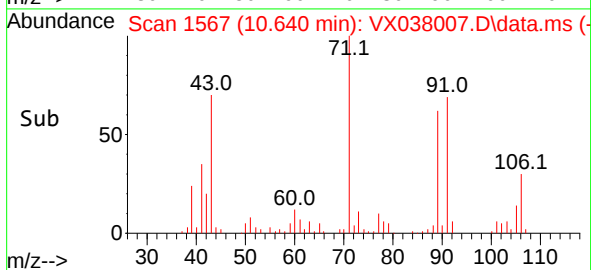
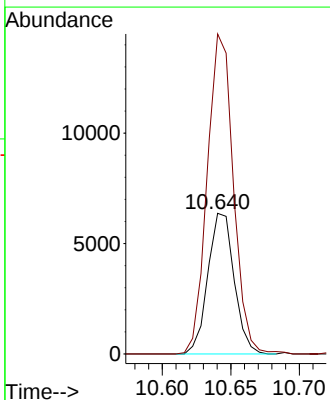
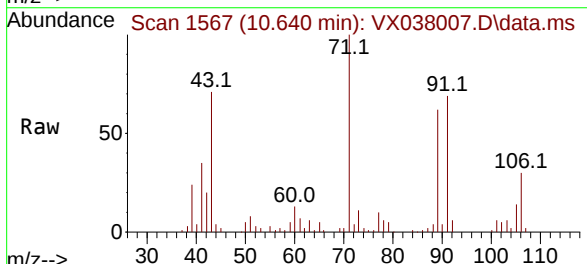
Instrument :
MSVOA_X
ClientSampleId :
S-4

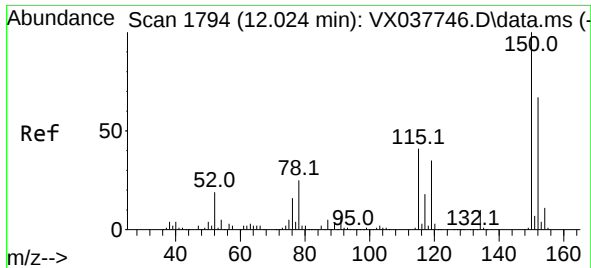
Tgt Ion:106 Resp: 12382
Ion Ratio Lower Upper
106 100
91 211.4 165.5 248.3



#69
o-Xylene
Concen: 2.066 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX038007.D
Acq: 30 Sep 2023 16:26

Tgt Ion:106 Resp: 8483
Ion Ratio Lower Upper
106 100
91 226.8 108.9 326.8

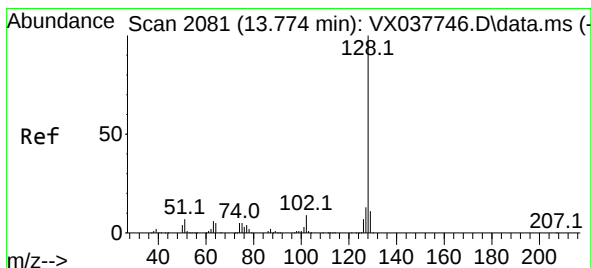
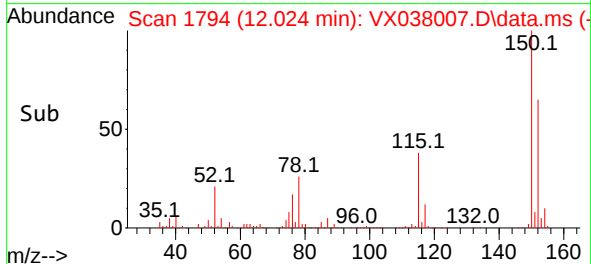
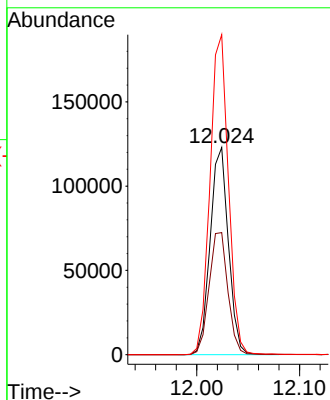
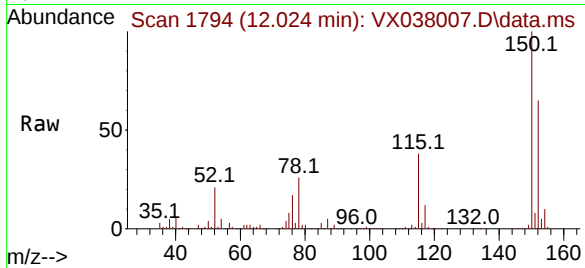




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038007.D
Acq: 30 Sep 2023 16:26

Instrument :
MSVOA_X
ClientSampleId :
S-4

Tgt Ion:152 Resp: 151456
Ion Ratio Lower Upper
152 100
115 60.9 43.3 129.9
150 155.9 0.0 345.0



#95
Naphthalene
Concen: 8.439 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX038007.D
Acq: 30 Sep 2023 16:26

Tgt Ion:128 Resp: 88003
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.5 8.8 13.2

