

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093023\
 Data File : VX038010.D
 Acq On : 30 Sep 2023 17:36
 Operator : JC/MD
 Sample : 04647-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S-7

Quant Time: Oct 02 02:15:29 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)

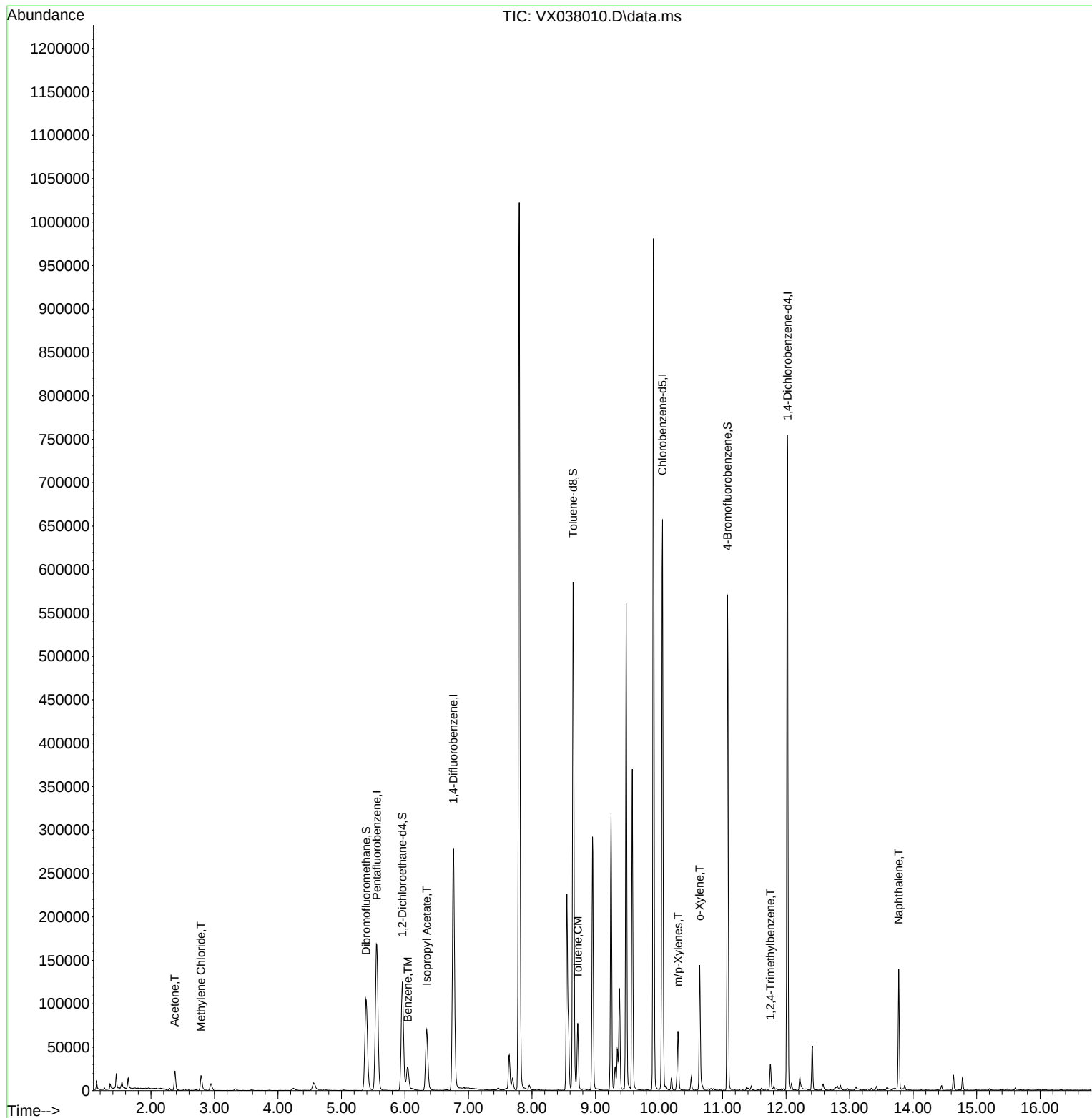
Internal Standards						
1) Pentafluorobenzene	5.556	168	156404	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	276920	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	284240	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	147049	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	114654	55.795	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.600%
35) Dibromofluoromethane	5.385	113	90676	48.938	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.880%
50) Toluene-d8	8.647	98	346903	50.388	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.780%
62) 4-Bromofluorobenzene	11.079	95	138804	55.483	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.960%
Target Compounds						
					Qvalue	
16) Acetone	2.373	43	24119	24.399	ug/l	100
20) Methylene Chloride	2.788	84	8474	4.614	ug/l	91
40) Benzene	6.044	78	32352	4.122	ug/l	99
43) Isopropyl Acetate	6.342	43	95584	21.303	ug/l	98
52) Toluene	8.720	92	27074	5.352	ug/l	91
68) m/p-Xylenes	10.299	106	14461	3.521	ug/l	98
69) o-Xylene	10.640	106	12880	3.127	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	10698	1.180	ug/l	68
95) Naphthalene	13.774	128	80291	7.931	ug/l	99

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

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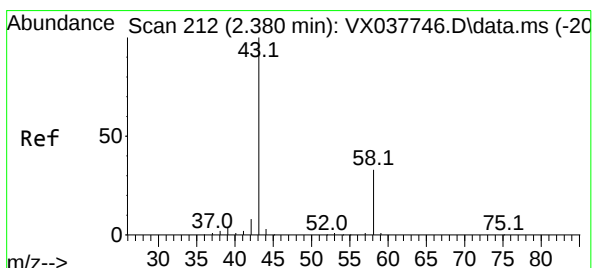
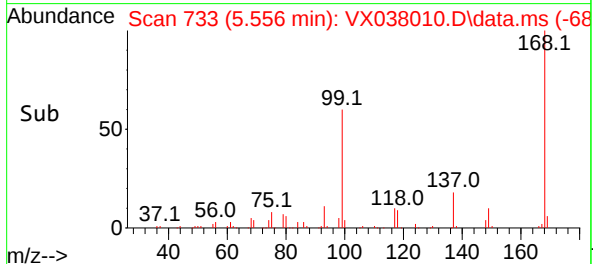
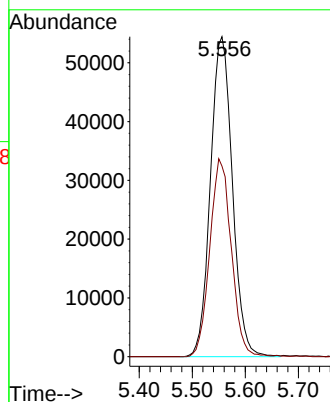
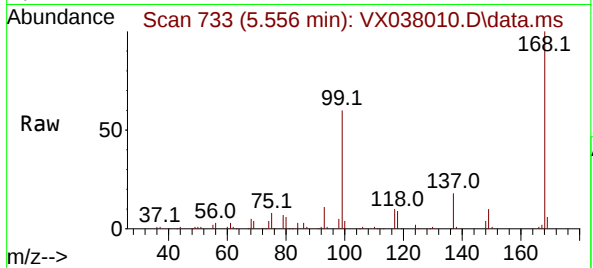




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038010.D
Acq: 30 Sep 2023 17:36

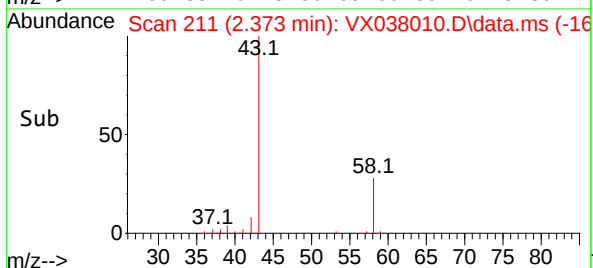
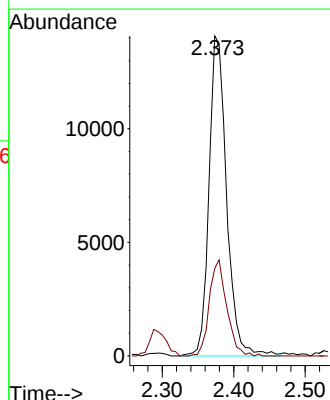
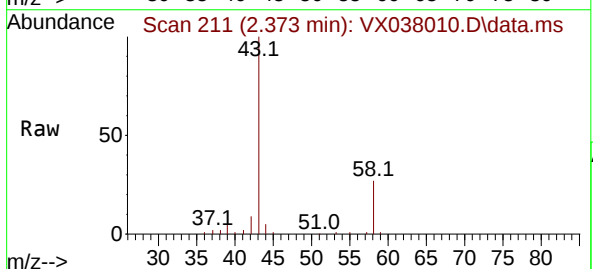
Instrument :
MSVOA_X
ClientSampleId :
S-7

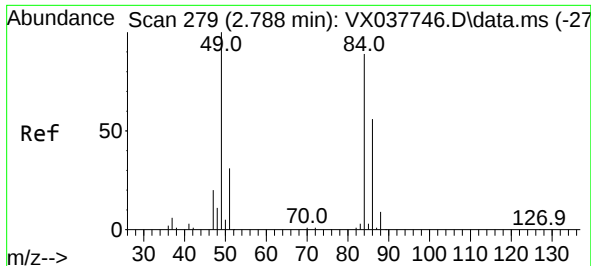
Tgt Ion:168 Resp: 156404
Ion Ratio Lower Upper
168 100
99 59.6 56.6 85.0



#16
Acetone
Concen: 24.399 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX038010.D
Acq: 30 Sep 2023 17:36

Tgt Ion: 43 Resp: 24119
Ion Ratio Lower Upper
43 100
58 27.4 21.9 32.9





#20

Methylene Chloride

Concen: 4.614 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX038010.D

Acq: 30 Sep 2023 17:36

Instrument :

MSVOA_X

ClientSampleId :

S-7

Tgt Ion: 84 Resp: 8474

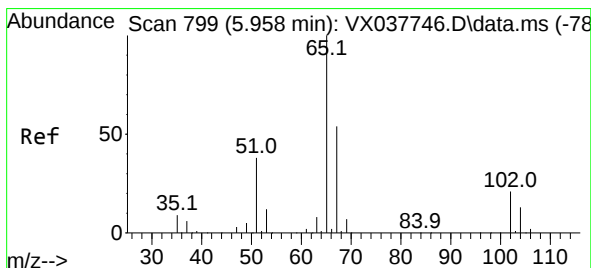
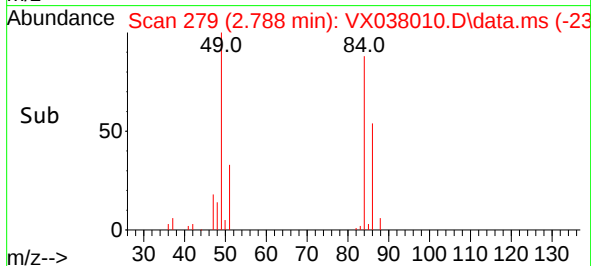
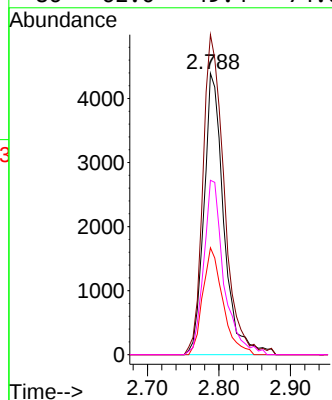
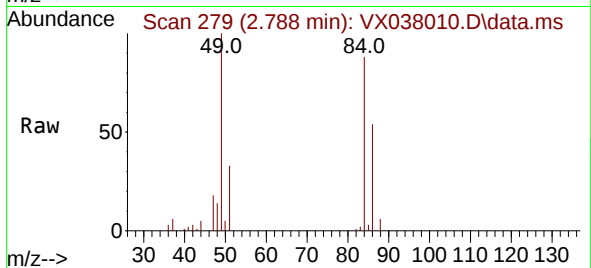
Ion Ratio Lower Upper

84 100

49 113.8 103.6 155.4

51 38.0 33.8 50.6

86 62.0 49.4 74.0



#33

1,2-Dichloroethane-d4

Concen: 55.795 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038010.D

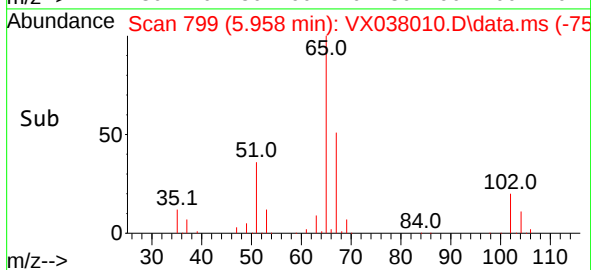
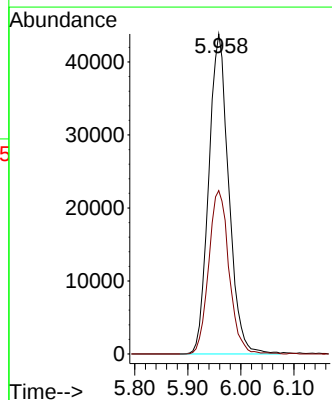
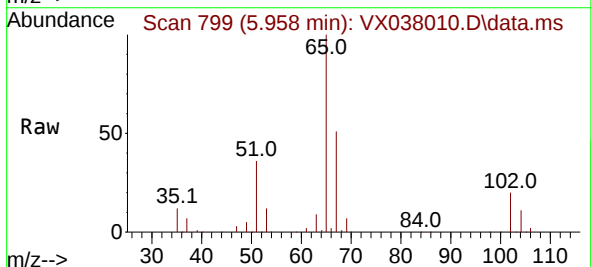
Acq: 30 Sep 2023 17:36

Tgt Ion: 65 Resp: 114654

Ion Ratio Lower Upper

65 100

67 52.0 0.0 100.2

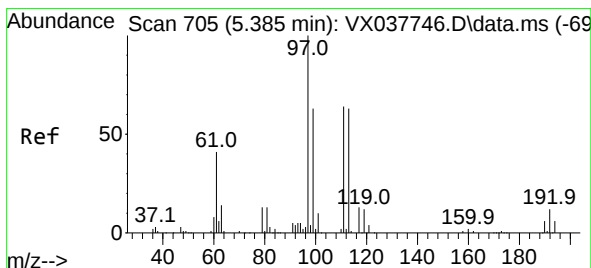
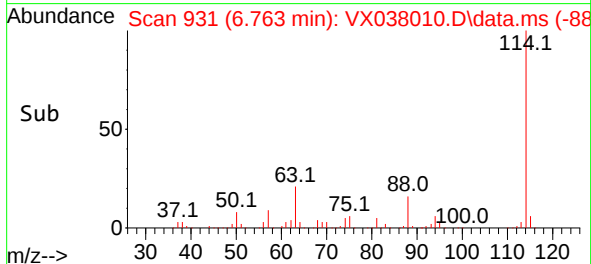
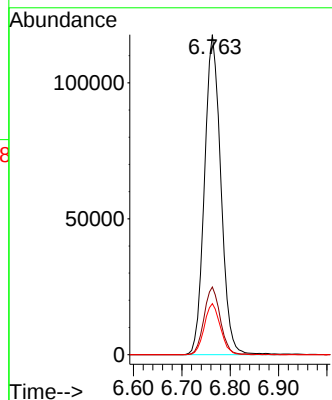
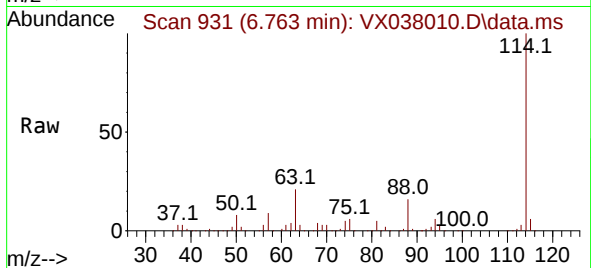




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038010.D
Acq: 30 Sep 2023 17:36

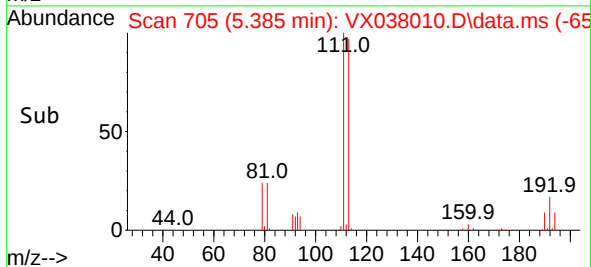
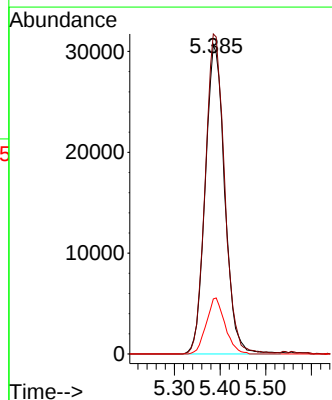
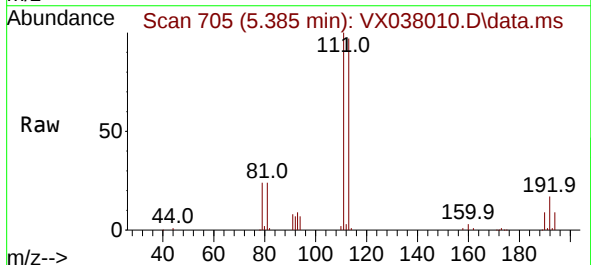
Instrument :
MSVOA_X
ClientSampleId :
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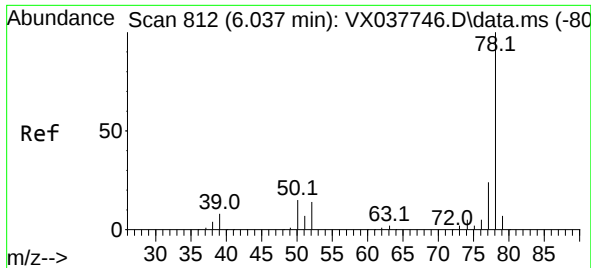
Tgt Ion:114 Resp: 276920
Ion Ratio Lower Upper
114 100
63 21.2 0.0 45.0
88 15.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.938 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038010.D
Acq: 30 Sep 2023 17:36

Tgt Ion:113 Resp: 90676
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 17.4 13.3 19.9





#40

Benzene

Concen: 4.122 ug/l

RT: 6.044 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX038010.D

Acq: 30 Sep 2023 17:36

Instrument :

MSVOA_X

ClientSampleId :

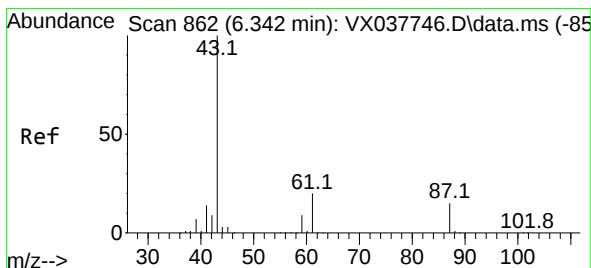
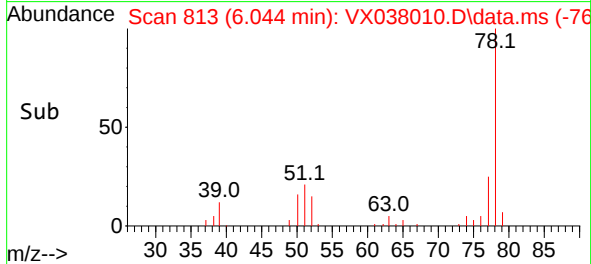
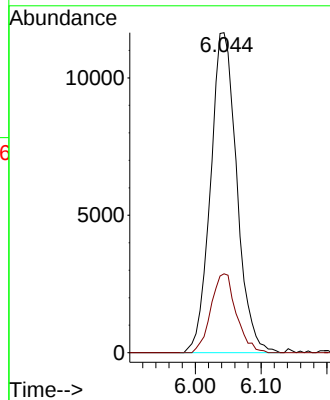
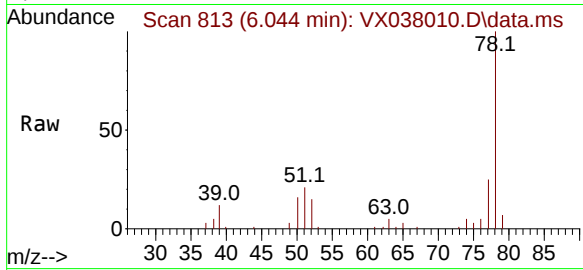
S-7

Tgt Ion: 78 Resp: 32352

Ion Ratio Lower Upper

78 100

77 24.7 19.3 28.9



#43

Isopropyl Acetate

Concen: 21.303 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

Lab File: VX038010.D

Acq: 30 Sep 2023 17:36

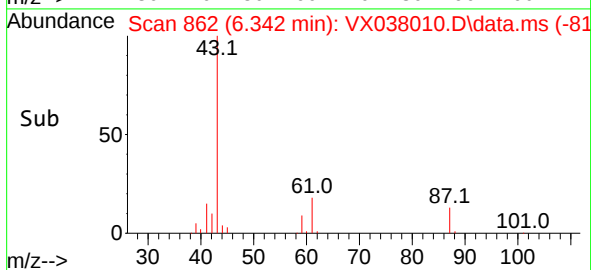
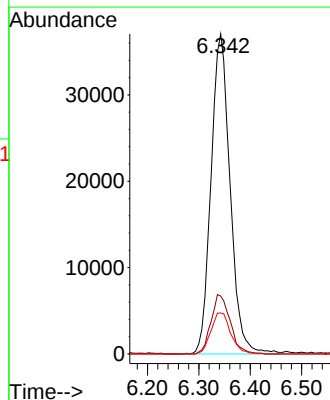
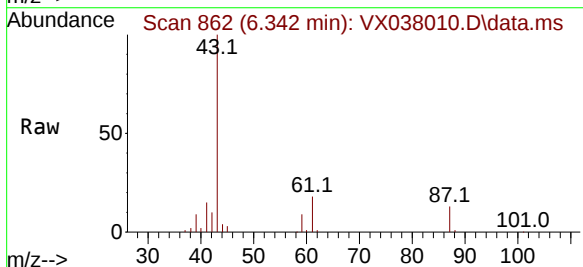
Tgt Ion: 43 Resp: 95584

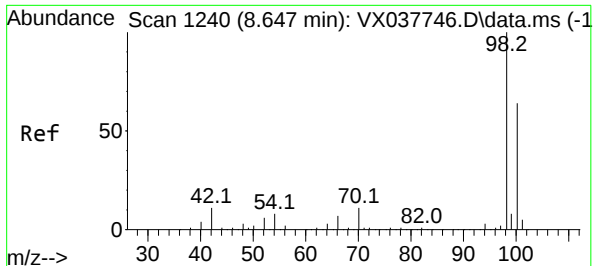
Ion Ratio Lower Upper

43 100

61 18.6 15.2 22.8

87 13.3 9.8 14.6





#50

Toluene-d8

Concen: 50.388 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038010.D

Acq: 30 Sep 2023 17:36

Instrument :

MSVOA_X

ClientSampleId :

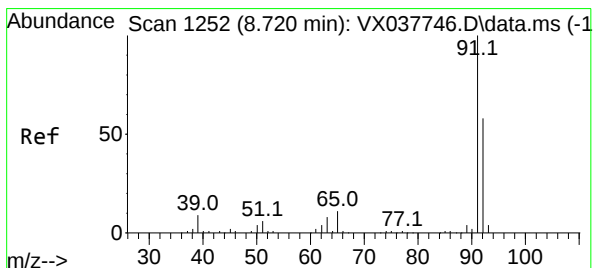
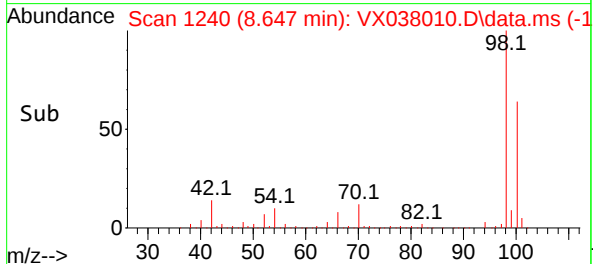
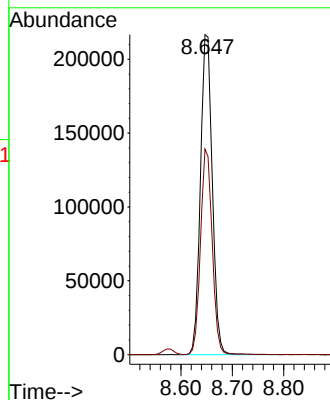
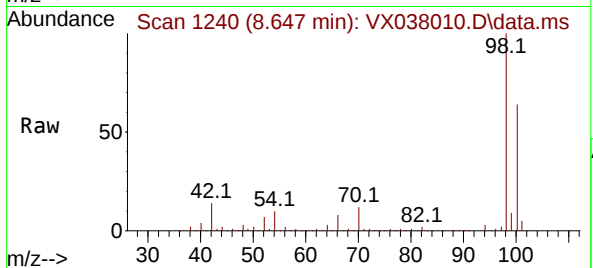
S-7

Tgt Ion: 98 Resp: 346903

Ion Ratio Lower Upper

98 100

100 63.0 53.1 79.7



#52

Toluene

Concen: 5.352 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX038010.D

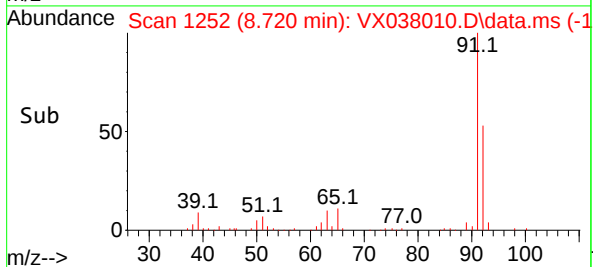
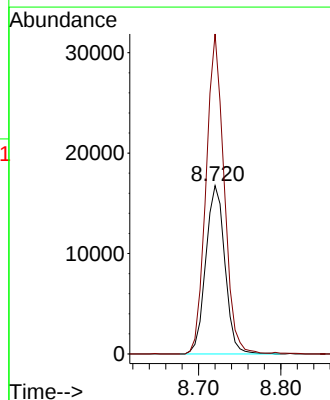
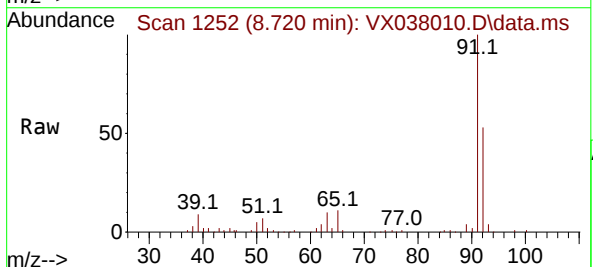
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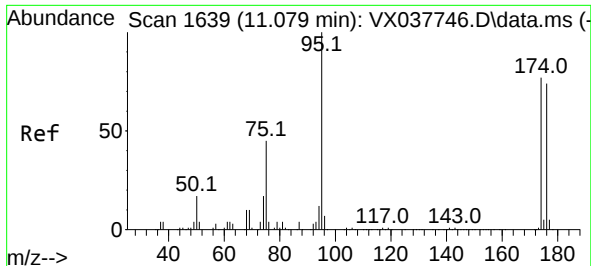
Tgt Ion: 92 Resp: 27074

Ion Ratio Lower Upper

92 100

91 179.5 134.2 201.2

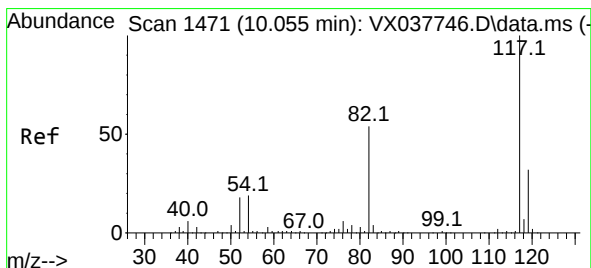
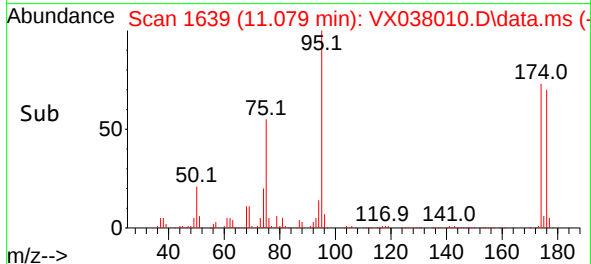
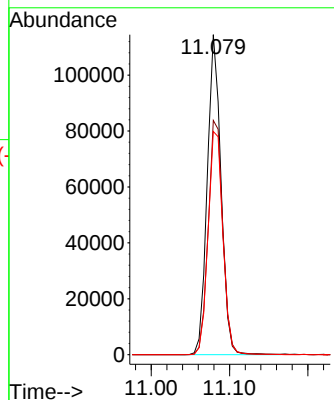
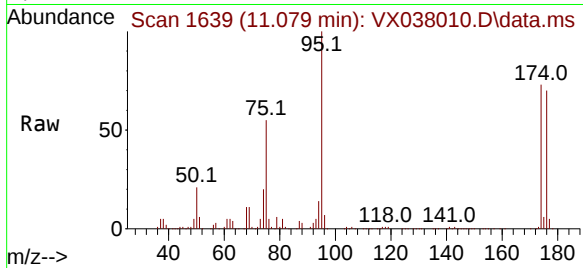




#62
4-Bromofluorobenzene
Concen: 55.483 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038010.D
Acq: 30 Sep 2023 17:36

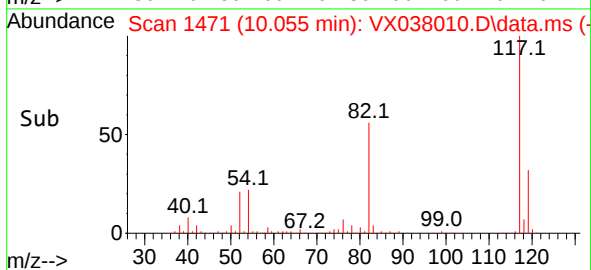
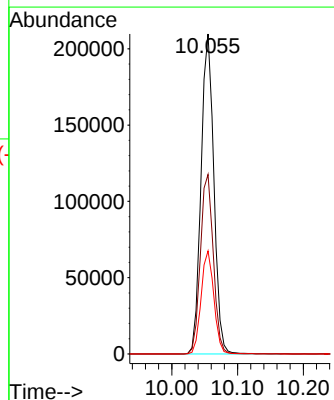
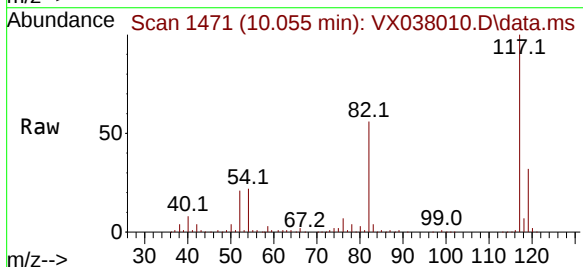
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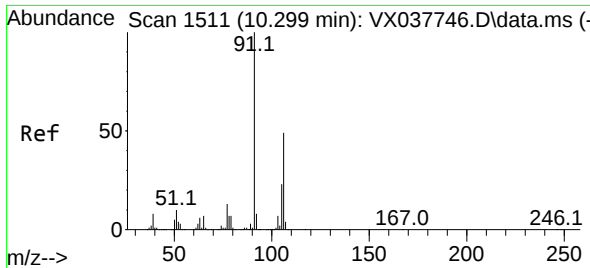
Tgt Ion: 95 Resp: 138804
Ion Ratio Lower Upper
95 100
174 78.1 0.0 135.6
176 75.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038010.D
Acq: 30 Sep 2023 17:36

Tgt Ion: 117 Resp: 284240
Ion Ratio Lower Upper
117 100
82 56.1 46.2 69.4
119 32.2 25.5 38.3

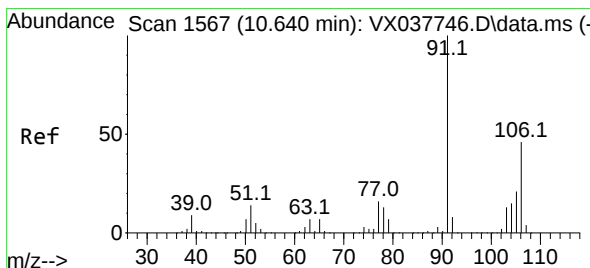
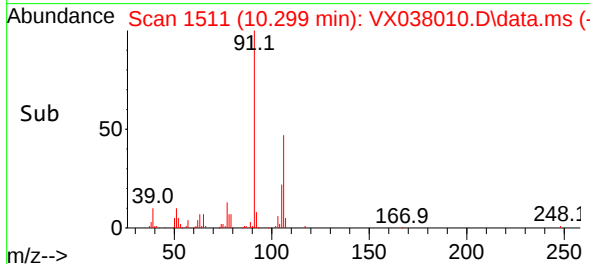
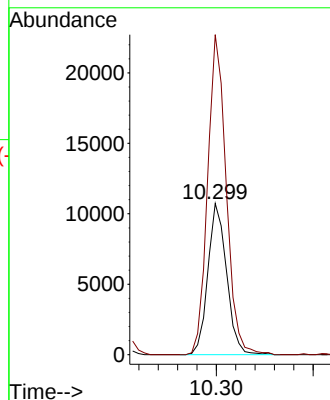
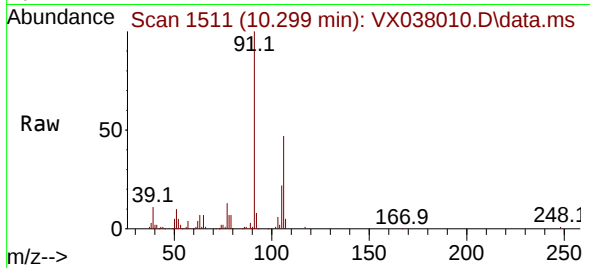




#68
m/p-Xylenes
Concen: 3.521 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX038010.D
Acq: 30 Sep 2023 17:36

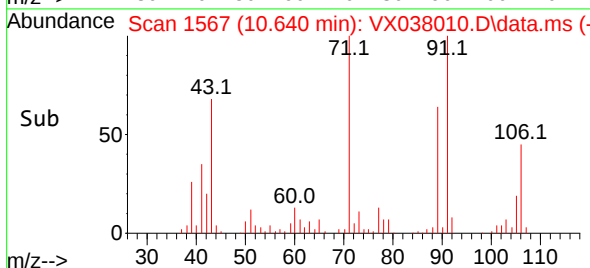
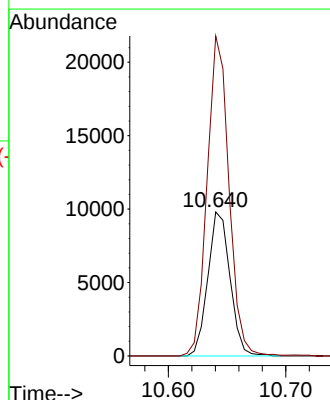
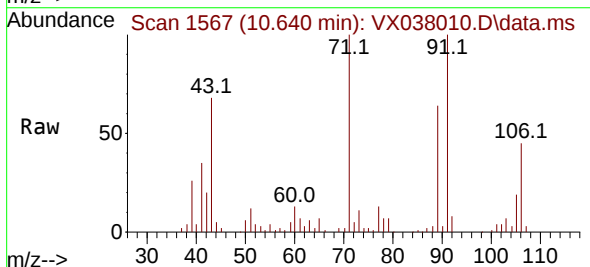
Instrument :
MSVOA_X
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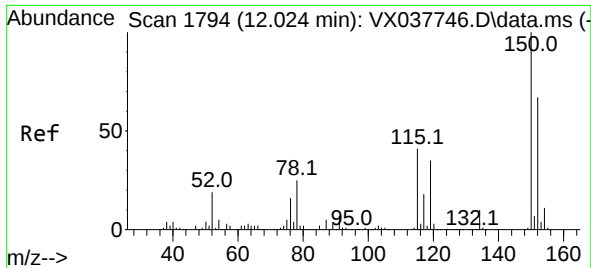
Tgt Ion:106 Resp: 14461
Ion Ratio Lower Upper
106 100
91 210.0 165.5 248.3



#69
o-Xylene
Concen: 3.127 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX038010.D
Acq: 30 Sep 2023 17:36

Tgt Ion:106 Resp: 12880
Ion Ratio Lower Upper
106 100
91 218.2 108.9 326.8

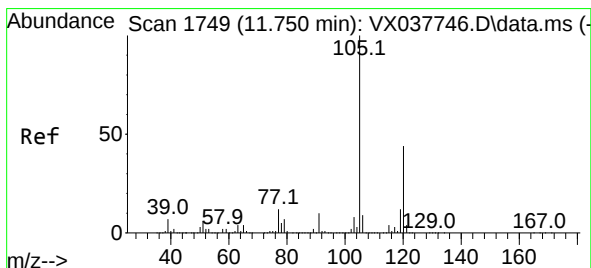
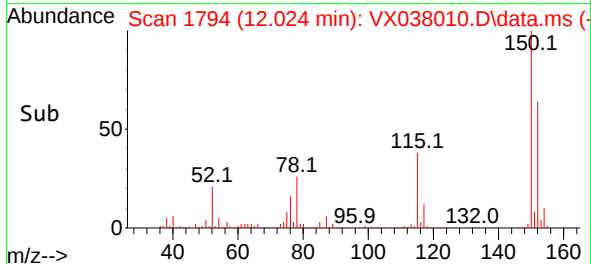
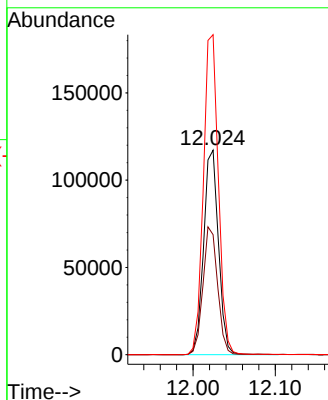
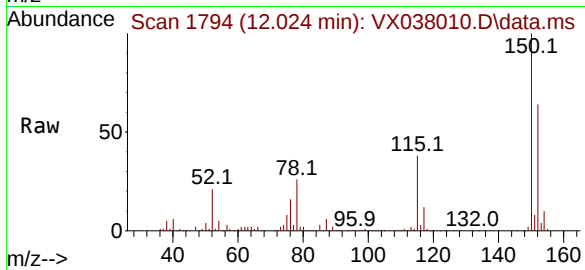




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX038010.D
 Acq: 30 Sep 2023 17:36

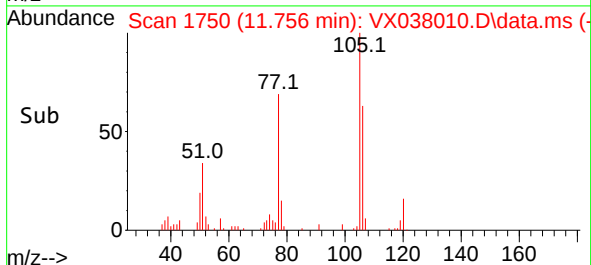
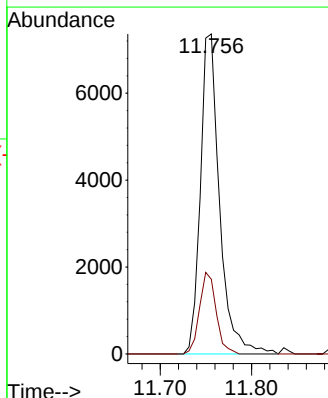
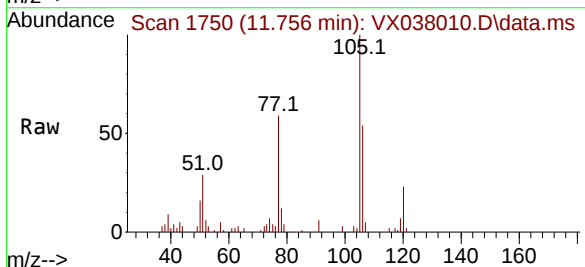
Instrument :
 MSVOA_X
 ClientSampleId :
 S-7

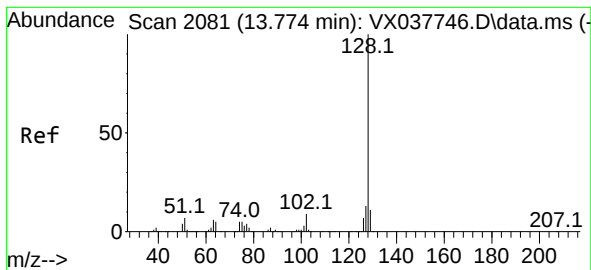
Tgt Ion:152 Resp: 147049
 Ion Ratio Lower Upper
 152 100
 115 61.8 43.3 129.9
 150 158.5 0.0 345.0



#84
 1,2,4-Trimethylbenzene
 Concen: 1.180 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. -0.000 min
 Lab File: VX038010.D
 Acq: 30 Sep 2023 17:36

Tgt Ion:105 Resp: 10698
 Ion Ratio Lower Upper
 105 100
 120 22.1 21.2 63.6





#95
Naphthalene
Concen: 7.931 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX038010.D
Acq: 30 Sep 2023 17:36

Instrument :
MSVOA_X
ClientSampleId :
S-7

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	10.8	8.8	13.2

