

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102723\
 Data File : VX038614.D
 Acq On : 27 Oct 2023 19:41
 Operator : JC/MD
 Sample : 05107-20 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1050

Quant Time: Oct 30 01:35:42 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)

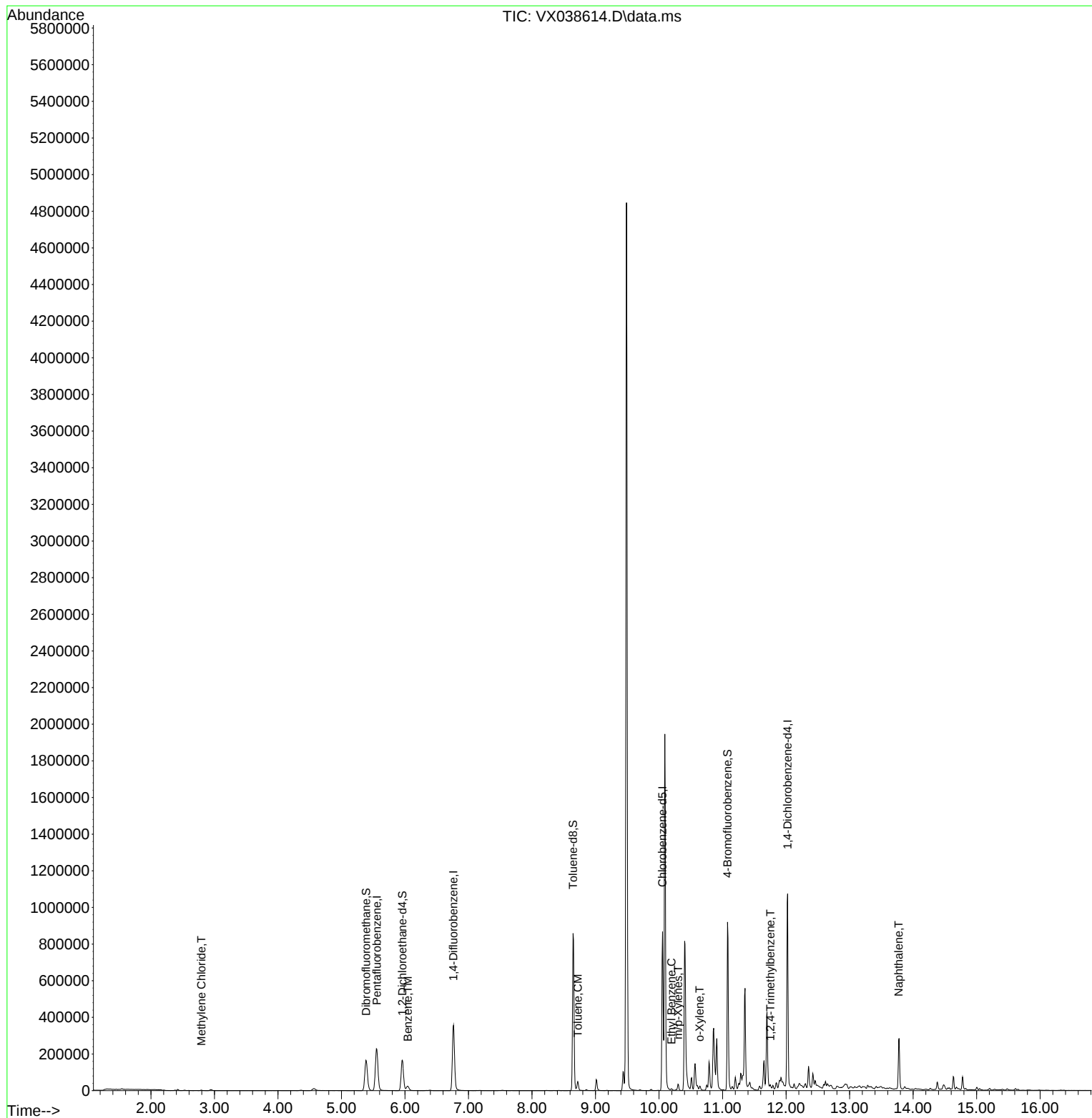
Internal Standards						
1) Pentafluorobenzene	5.556	168	233114	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	391724	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	404165	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	231715	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	163567	43.624	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.240%
35) Dibromofluoromethane	5.385	113	146329	51.842	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.680%
50) Toluene-d8	8.647	98	535170	49.617	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.240%
62) 4-Bromofluorobenzene	11.079	95	229346	56.088	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	112.180%
Target Compounds						
					Qvalue	
20) Methylene Chloride	2.794	84	1434	0.487	ug/l	# 85
40) Benzene	6.043	78	31057	2.853	ug/l	96
52) Toluene	8.720	92	17875	2.521	ug/l	91
67) Ethyl Benzene	10.195	91	4295	0.285	ug/l	# 88
68) m/p-Xylenes	10.299	106	8585	1.471	ug/l	90
69) o-Xylene	10.640	106	4784	0.840	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	5794	0.433	ug/l	99
95) Naphthalene	13.774	128	138767	8.111	ug/l	98

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

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Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration

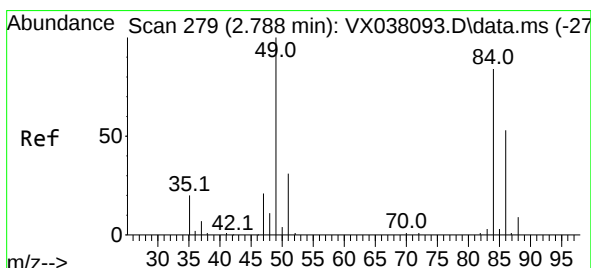
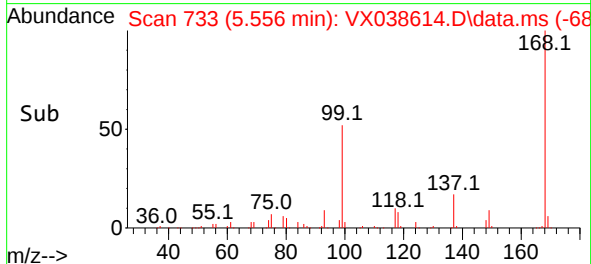
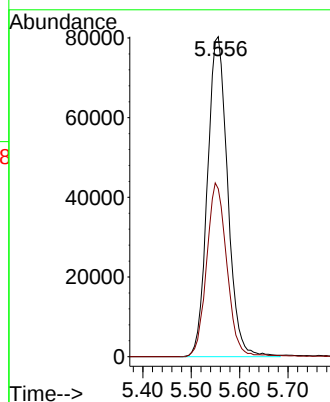
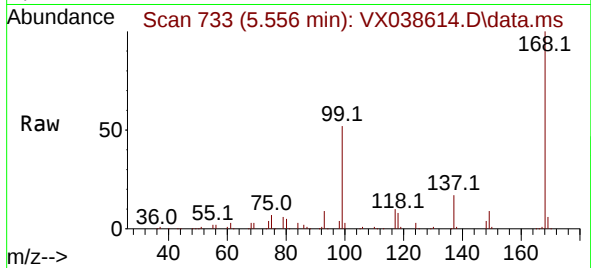




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038614.D
Acq: 27 Oct 2023 19:41

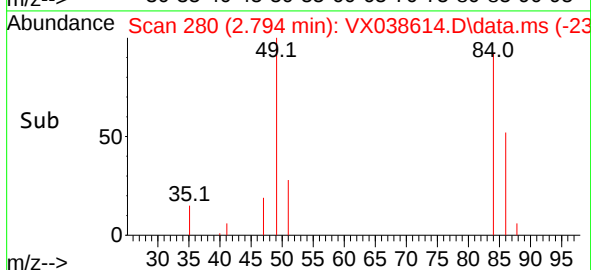
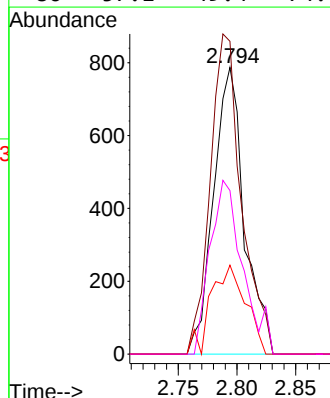
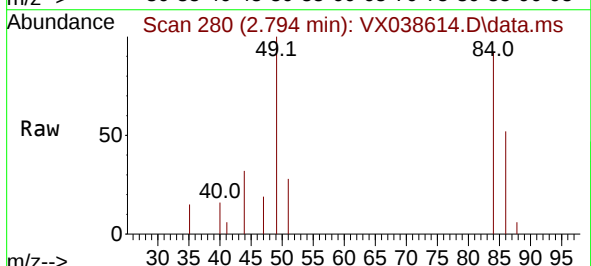
Instrument :
MSVOA_X
ClientSampleId :
1050

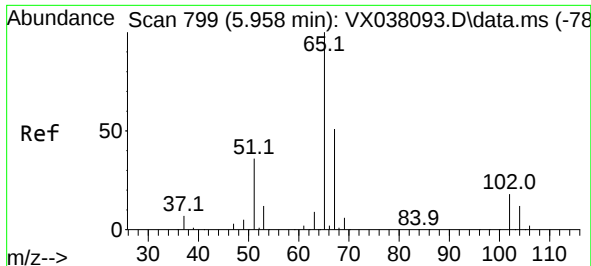
Tgt Ion:168 Resp: 233114
Ion Ratio Lower Upper
168 100
99 52.4 56.6 85.0#



#20
Methylene Chloride
Concen: 0.487 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX038614.D
Acq: 27 Oct 2023 19:41

Tgt Ion: 84 Resp: 1434
Ion Ratio Lower Upper
84 100
49 109.1 103.6 155.4
51 31.0 33.8 50.6#
86 57.1 49.4 74.0





#33

1,2-Dichloroethane-d4

Concen: 43.624 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038614.D

Acq: 27 Oct 2023 19:41

Instrument :

MSVOA_X

ClientSampleId :

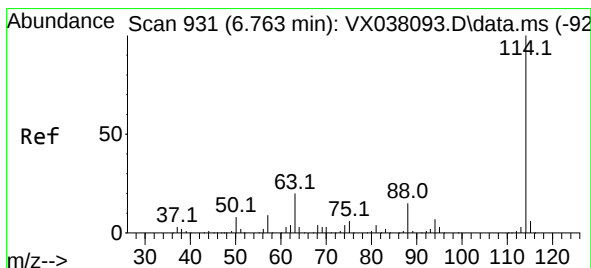
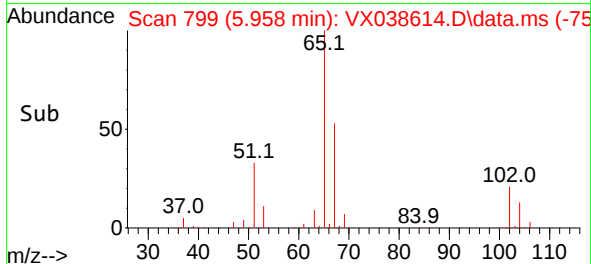
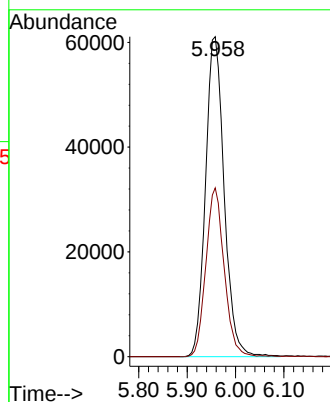
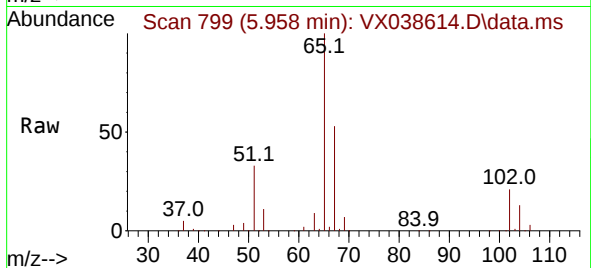
1050

Tgt Ion: 65 Resp: 163567

Ion Ratio Lower Upper

65 100

67 51.8 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX038614.D

Acq: 27 Oct 2023 19:41

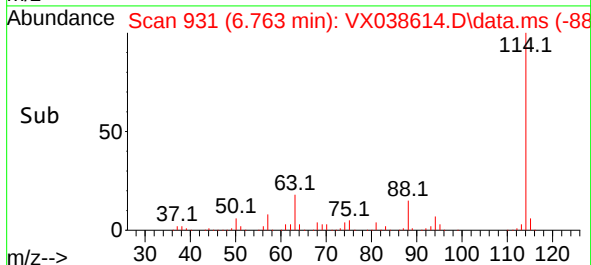
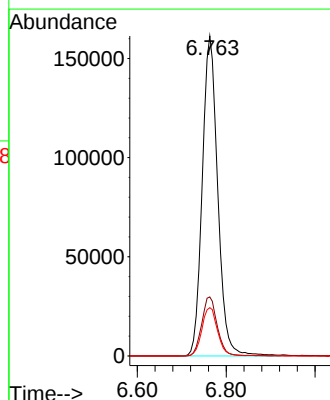
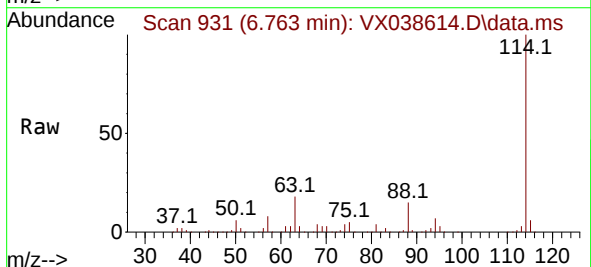
Tgt Ion: 114 Resp: 391724

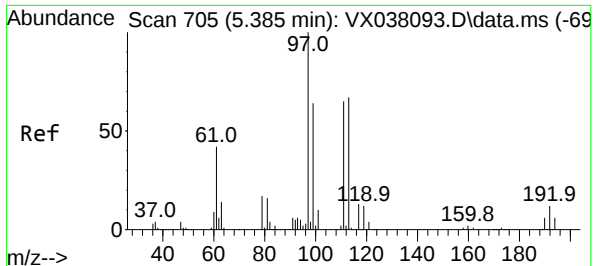
Ion Ratio Lower Upper

114 100

63 18.4 0.0 45.0

88 15.1 0.0 36.6

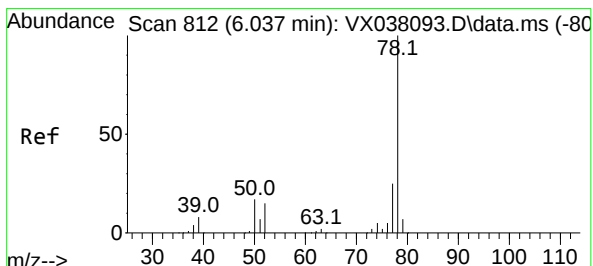
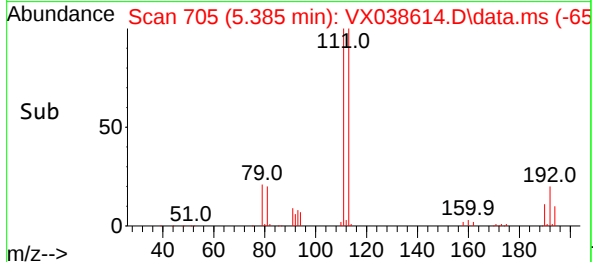
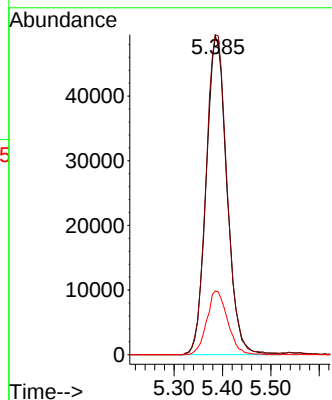
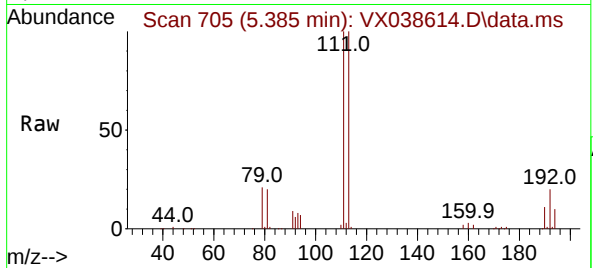




#35
Dibromofluoromethane
Concen: 51.842 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038614.D
Acq: 27 Oct 2023 19:41

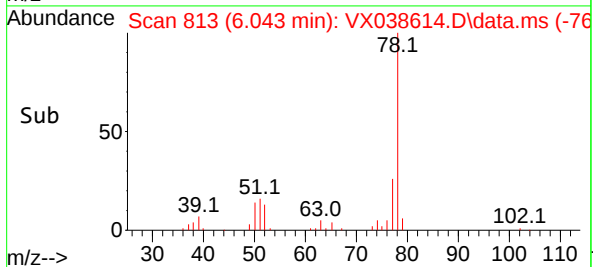
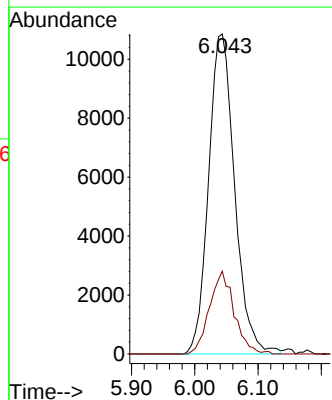
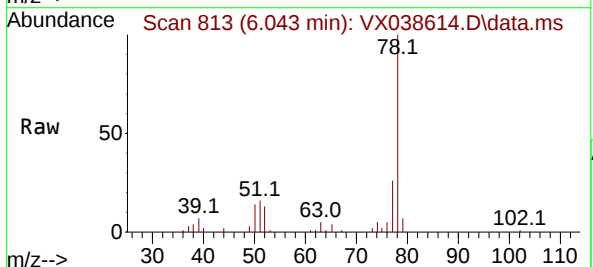
Instrument :
MSVOA_X
ClientSampleId :
1050

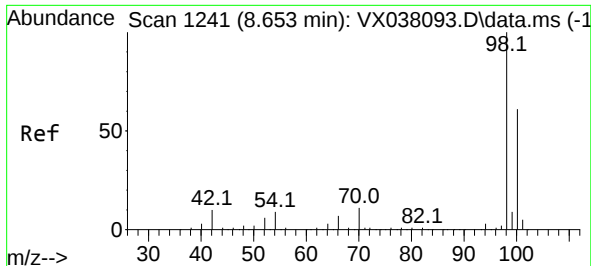
Tgt Ion:113 Resp: 146329
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 20.1 13.3 19.9#



#40
Benzene
Concen: 2.853 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.005 min
Lab File: VX038614.D
Acq: 27 Oct 2023 19:41

Tgt Ion: 78 Resp: 31057
Ion Ratio Lower Upper
78 100
77 25.8 19.3 28.9

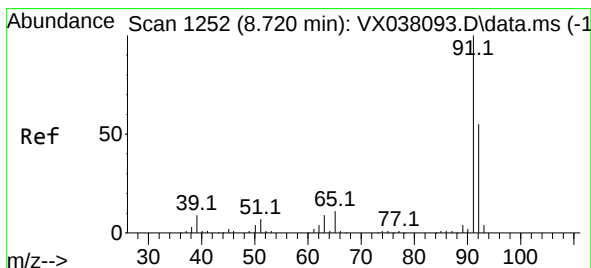
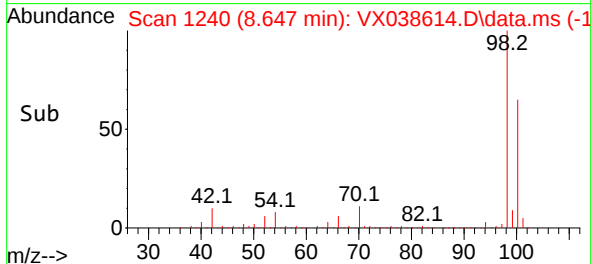
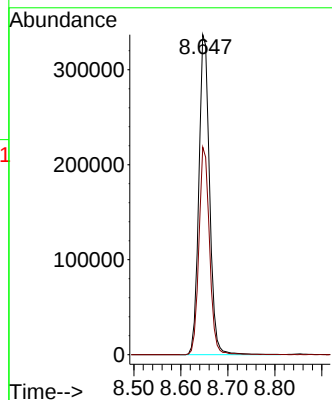
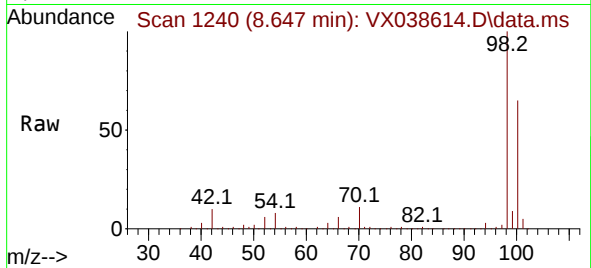




#50
Toluene-d8
Concen: 49.617 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038614.D
Acq: 27 Oct 2023 19:41

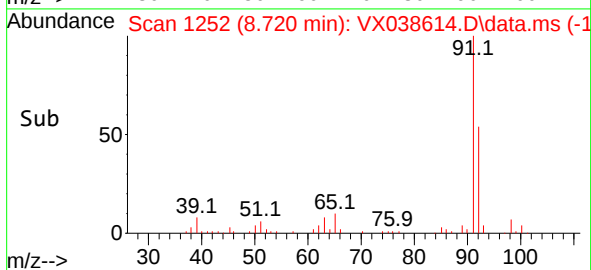
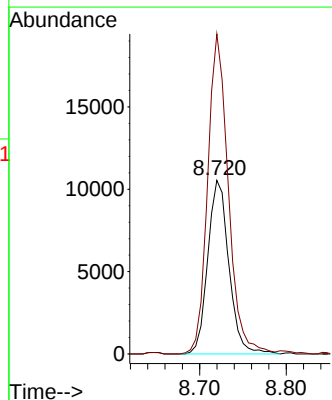
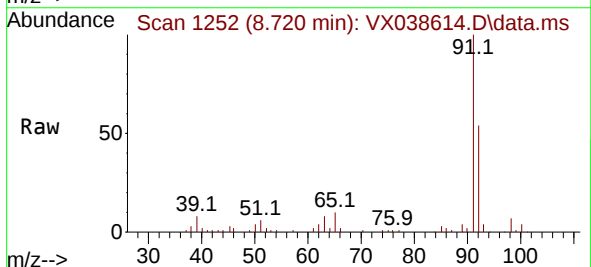
Instrument :
MSVOA_X
ClientSampleId :
1050

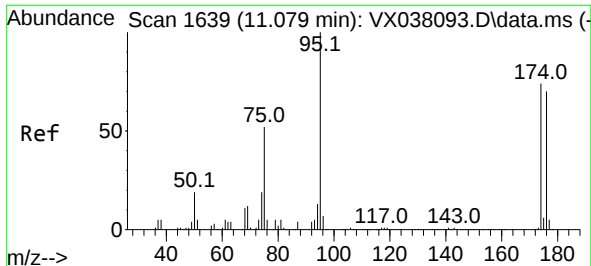
Tgt Ion: 98 Resp: 535170
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7



#52
Toluene
Concen: 2.521 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX038614.D
Acq: 27 Oct 2023 19:41

Tgt Ion: 92 Resp: 17875
Ion Ratio Lower Upper
92 100
91 180.1 134.2 201.2





#62

4-Bromofluorobenzene

Concen: 56.088 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038614.D

Acq: 27 Oct 2023 19:41

Instrument :

MSVOA_X

ClientSampleId :

1050

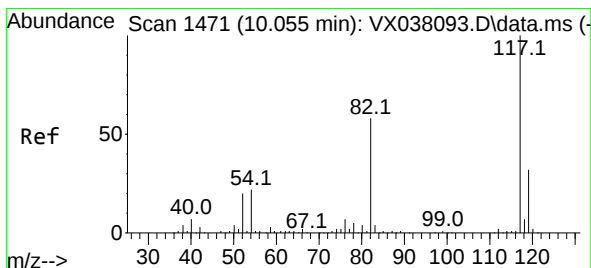
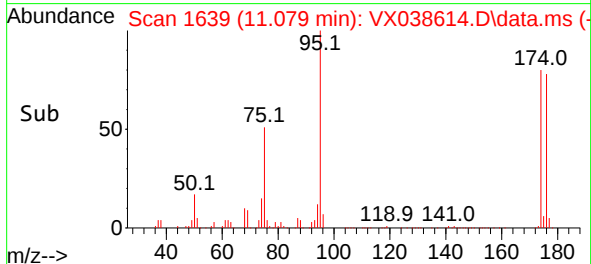
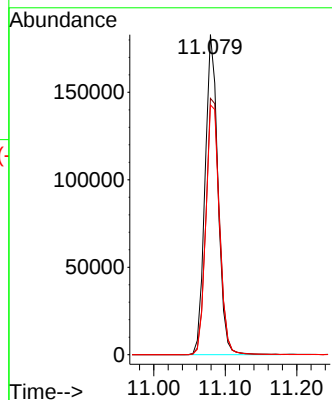
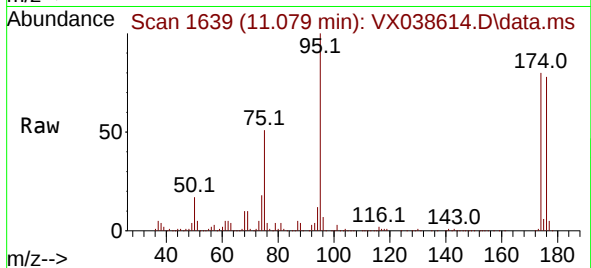
Tgt Ion: 95 Resp: 229346

Ion Ratio Lower Upper

95 100

174 84.8 0.0 135.6

176 82.6 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: VX038614.D

Acq: 27 Oct 2023 19:41

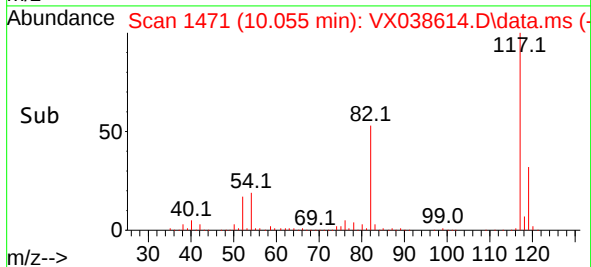
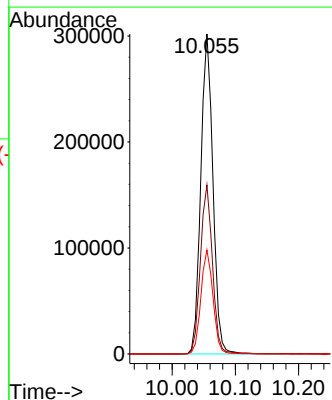
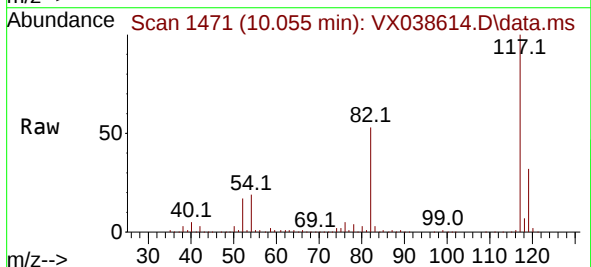
Tgt Ion: 117 Resp: 404165

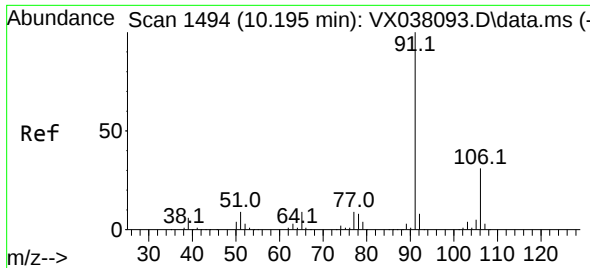
Ion Ratio Lower Upper

117 100

82 52.8 46.2 69.4

119 32.5 25.5 38.3

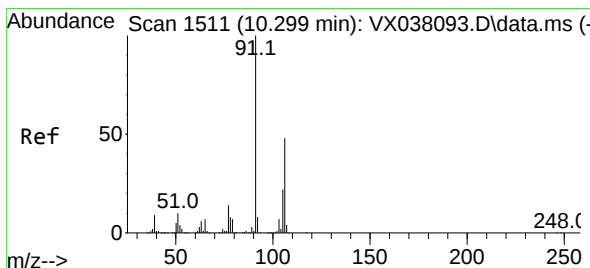
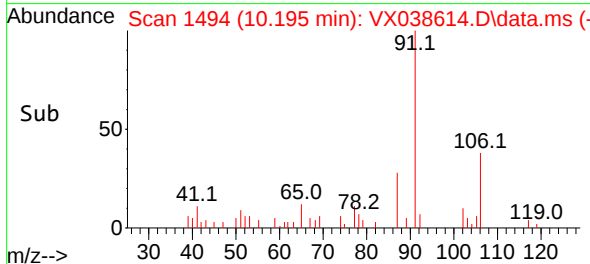
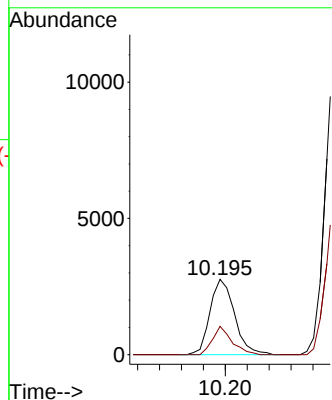
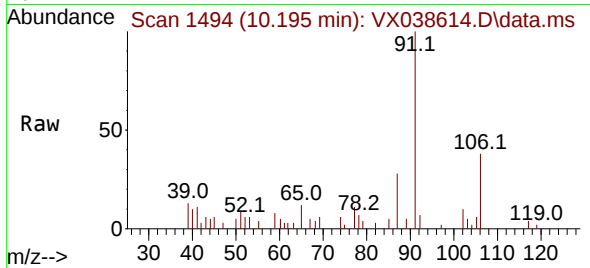




#67
Ethyl Benzene
Concen: 0.285 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038614.D
Acq: 27 Oct 2023 19:41

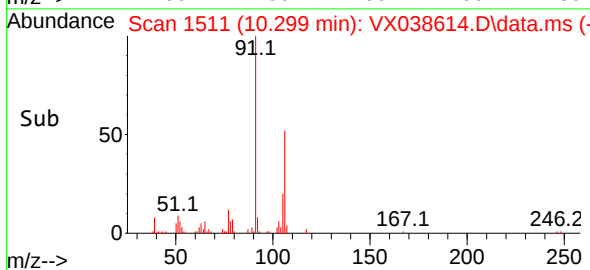
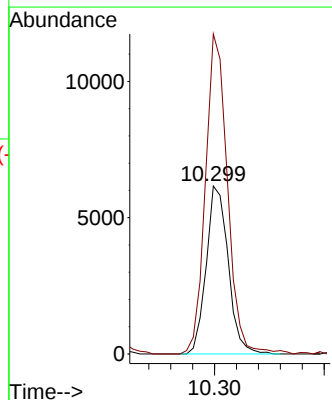
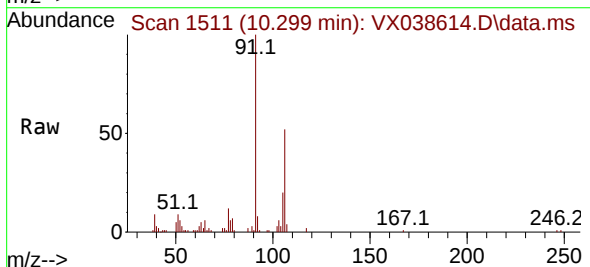
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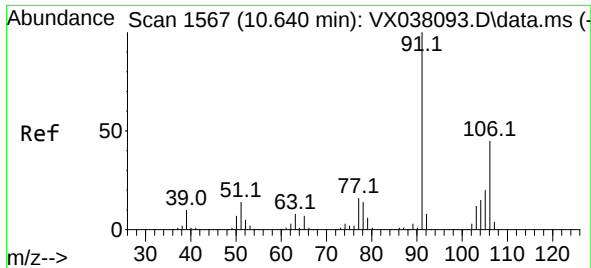
Tgt Ion: 91 Resp: 4295
Ion Ratio Lower Upper
91 100
106 37.6 24.9 37.3#



#68
m/p-Xylenes
Concen: 1.471 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX038614.D
Acq: 27 Oct 2023 19:41

Tgt Ion: 106 Resp: 8585
Ion Ratio Lower Upper
106 100
91 190.9 165.5 248.3

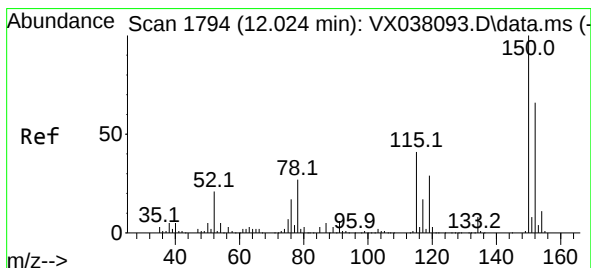
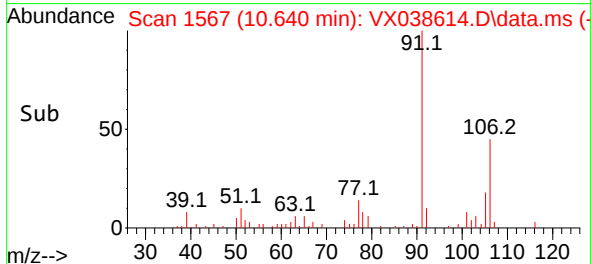
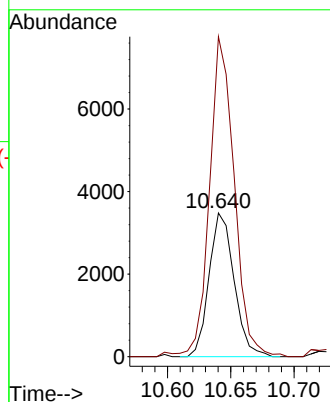
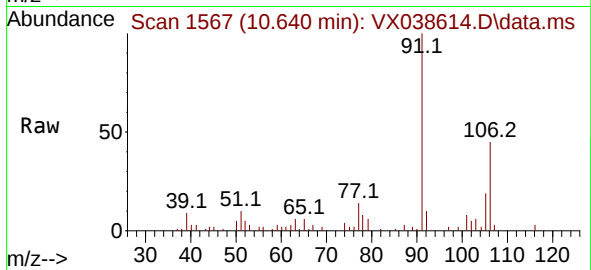




#69
o-Xylene
Concen: 0.840 ug/l
RT: 10.640 min Scan# 11050
Delta R.T. 0.000 min
Lab File: VX038614.D
Acq: 27 Oct 2023 19:41

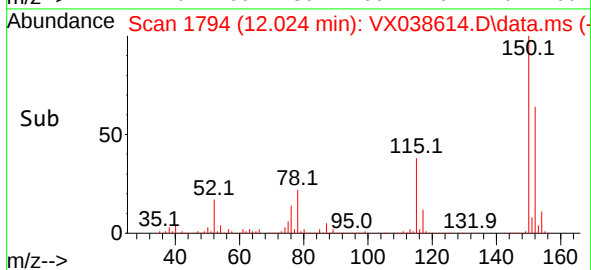
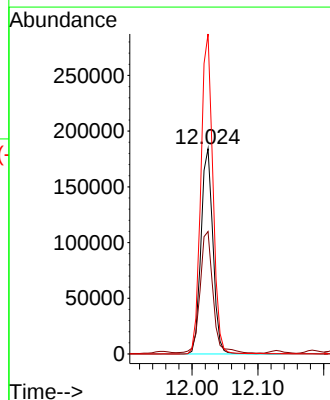
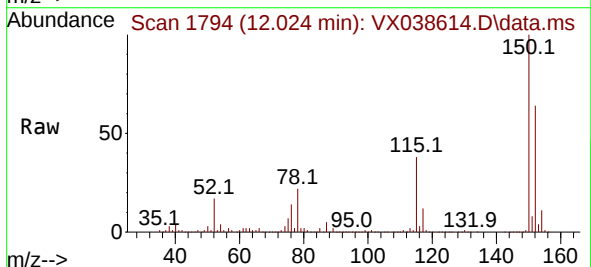
Instrument :
MSVOA_X
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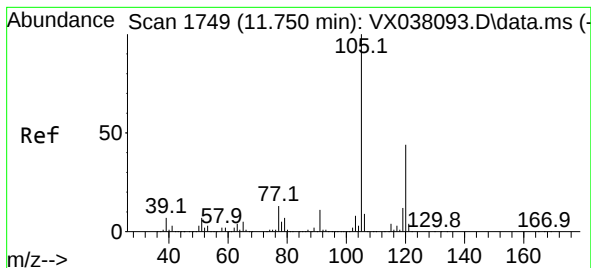
Tgt Ion:106 Resp: 4784
Ion Ratio Lower Upper
106 100
91 220.8 108.9 326.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038614.D
Acq: 27 Oct 2023 19:41

Tgt Ion:152 Resp: 231715
Ion Ratio Lower Upper
152 100
115 64.1 43.3 129.9
150 157.1 0.0 345.0





#84

1,2,4-Trimethylbenzene

Concen: 0.433 ug/l

RT: 11.756 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX038614.D

Acq: 27 Oct 2023 19:41

Instrument :

MSVOA_X

ClientSampleId :

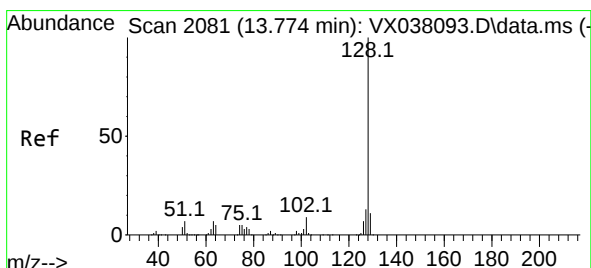
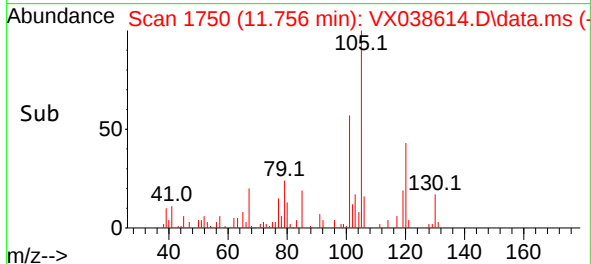
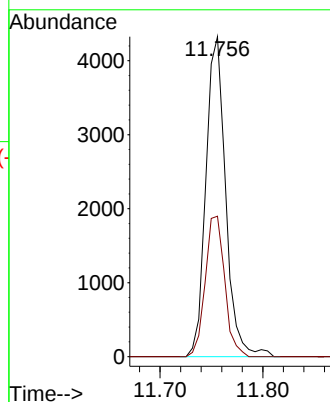
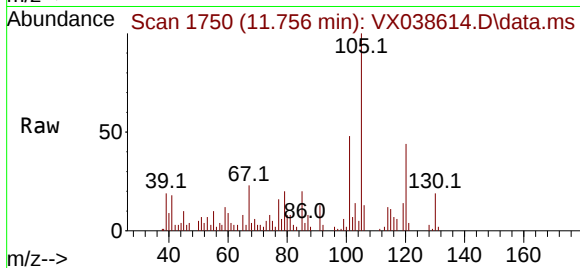
1050

Tgt Ion:105 Resp: 5794

Ion Ratio Lower Upper

105 100

120 43.2 21.2 63.6



#95

Naphthalene

Concen: 8.111 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX038614.D

Acq: 27 Oct 2023 19:41

Tgt Ion:128 Resp: 138767

Ion Ratio Lower Upper

128 100

127 13.8 10.3 15.5

129 11.4 8.8 13.2

