

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102723\
 Data File : VX038610.D
 Acq On : 27 Oct 2023 18:08
 Operator : JC/MD
 Sample : 05107-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AQ-COMP

Quant Time: Oct 30 01:34:01 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)

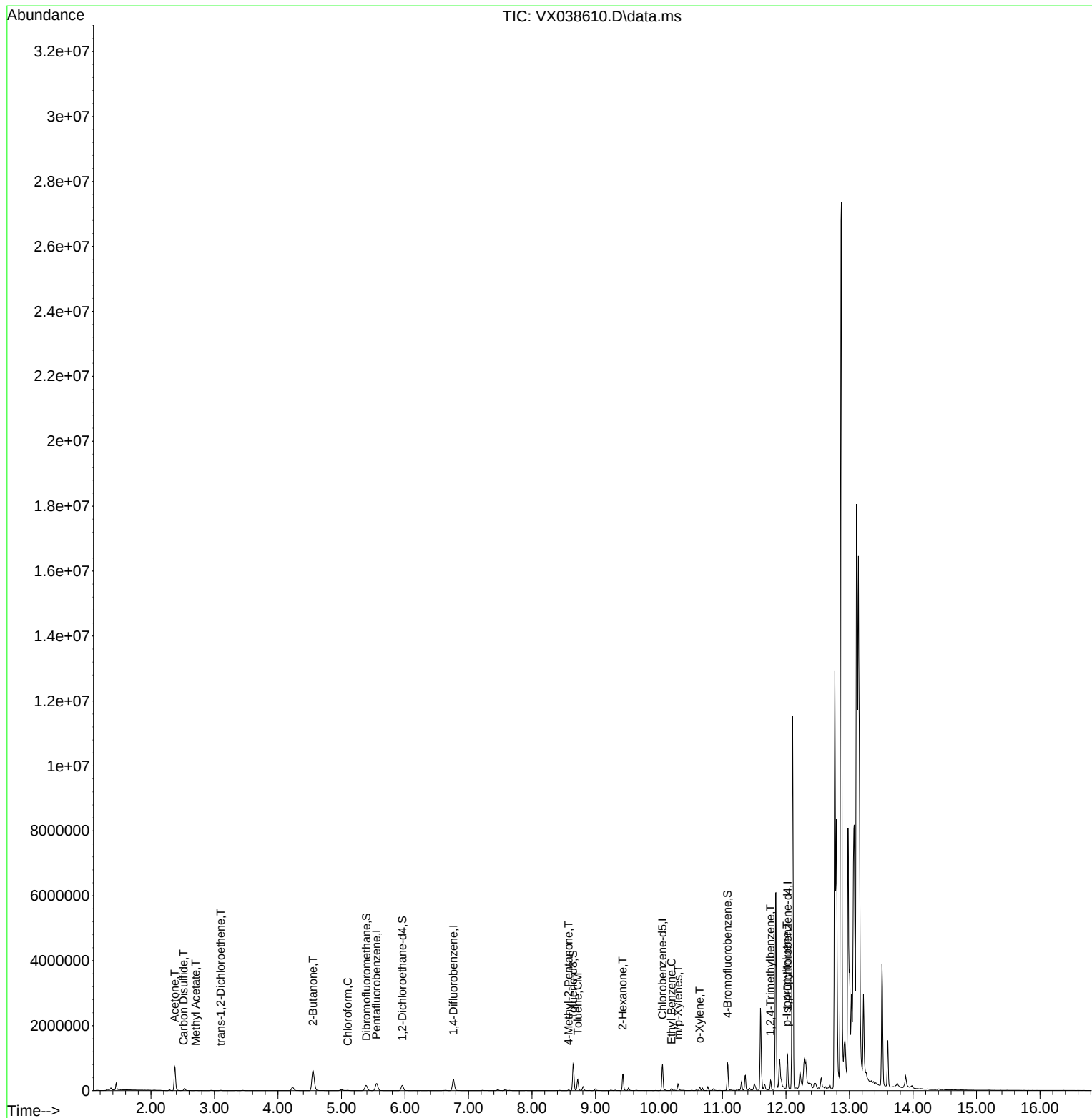
Internal Standards						
1) Pentafluorobenzene	5.550	168	224233	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	376549	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	394760	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	235493	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	155469	43.106	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.220%
35) Dibromofluoromethane	5.391	113	141976	52.327	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.660%
50) Toluene-d8	8.647	98	520443	50.197	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.400%
62) 4-Bromofluorobenzene	11.079	95	224540	57.125	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	114.260%
Target Compounds						
						Qvalue
16) Acetone	2.374	43	759028	504.260	ug/l	# 89
17) Carbon Disulfide	2.514	76	6970	1.179	ug/l	# 95
18) Methyl Acetate	2.703	43	4097	0.635	ug/l	95
21) trans-1,2-Dichloroethene	3.099	96	2005	0.789	ug/l	# 77
25) 2-Butanone	4.550	43	1032092	424.965	ug/l	# 86
30) Chloroform	5.099	83	10185	1.996	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	14821	3.239	ug/l	99
52) Toluene	8.720	92	131481	19.287	ug/l	95
59) 2-Hexanone	9.427	43	265123	72.075	ug/l	92
67) Ethyl Benzene	10.195	91	35535	2.410	ug/l	98
68) m/p-Xylenes	10.299	106	49087	8.610	ug/l	100
69) o-Xylene	10.640	106	22209	3.991	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	7465	0.550	ug/l	77
86) p-Isopropyltoluene	12.012	119	6606	0.464	ug/l	# 68

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102723\
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Quant Time: Oct 30 01:34:01 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

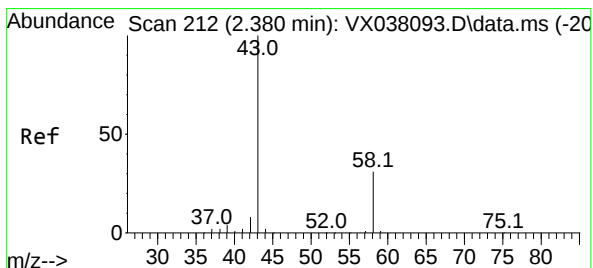
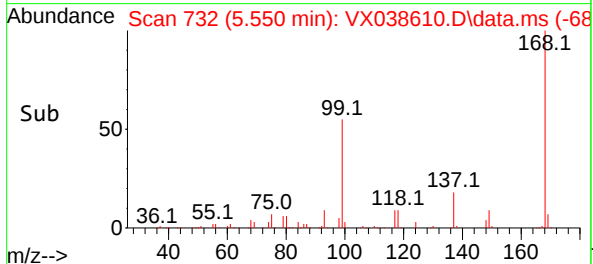
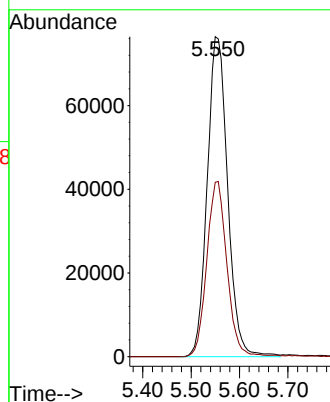
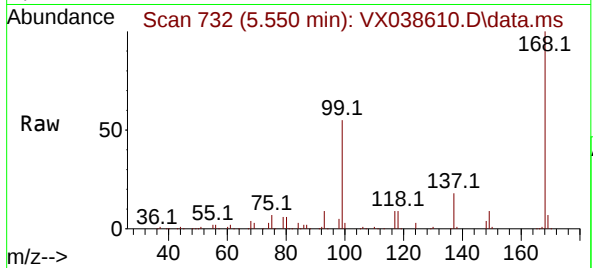




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038610.D
Acq: 27 Oct 2023 18:08

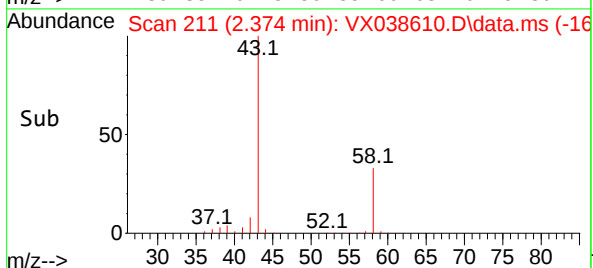
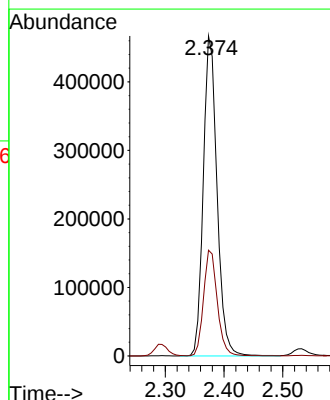
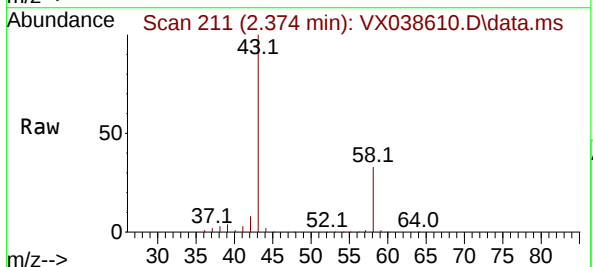
Instrument :
MSVOA_X
ClientSampleId :
AQ-COMP

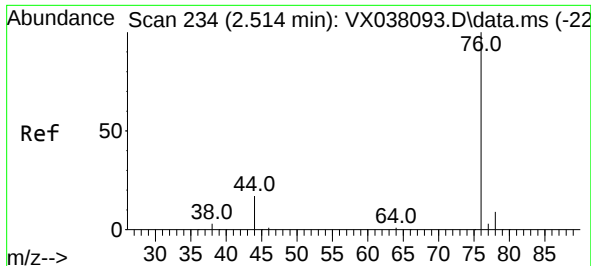
Tgt Ion:168 Resp: 224233
Ion Ratio Lower Upper
168 100
99 54.5 56.6 85.0#



#16
Acetone
Concen: 504.260 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX038610.D
Acq: 27 Oct 2023 18:08

Tgt Ion: 43 Resp: 759028
Ion Ratio Lower Upper
43 100
58 33.0 21.9 32.9#





#17

Carbon Disulfide

Concen: 1.179 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX038610.D

Acq: 27 Oct 2023 18:08

Instrument :

MSVOA_X

ClientSampleId :

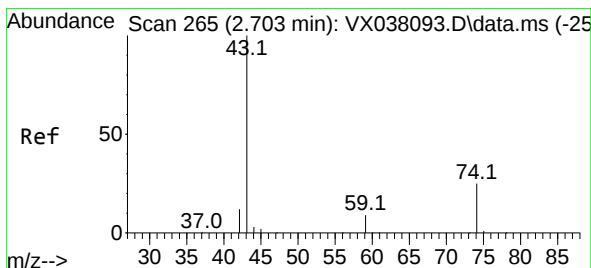
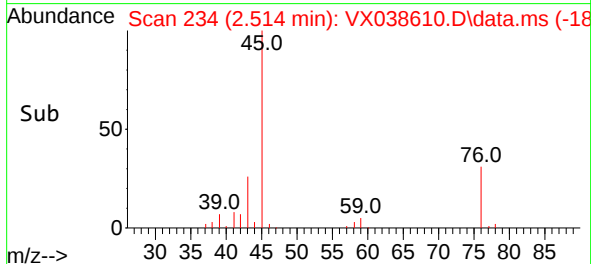
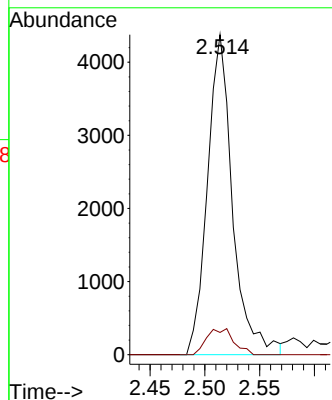
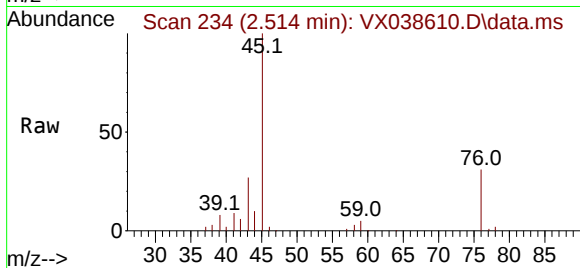
AQ-COMP

Tgt Ion: 76 Resp: 6970

Ion Ratio Lower Upper

76 100

78 6.9 7.0 10.6#



#18

Methyl Acetate

Concen: 0.635 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX038610.D

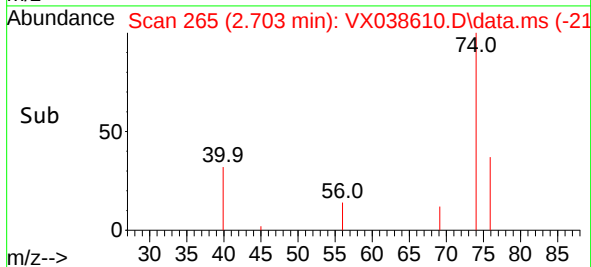
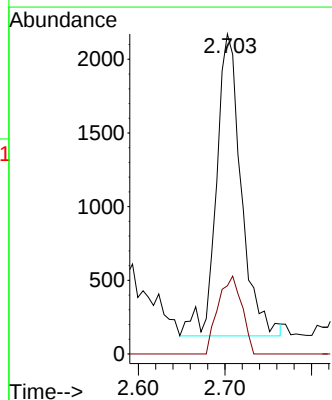
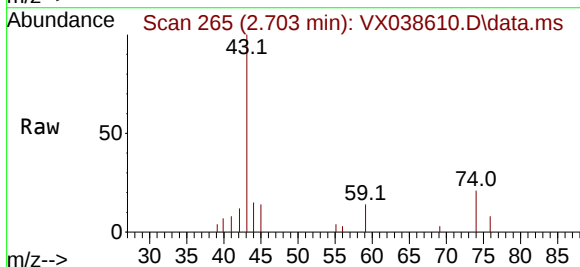
Acq: 27 Oct 2023 18:08

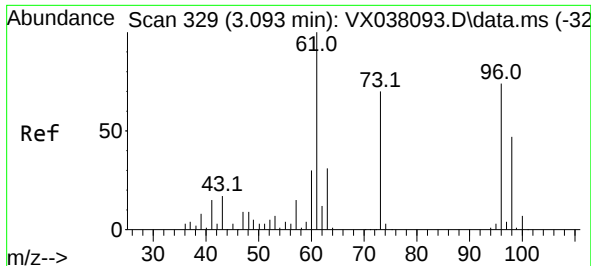
Tgt Ion: 43 Resp: 4097

Ion Ratio Lower Upper

43 100

74 24.6 17.8 26.8

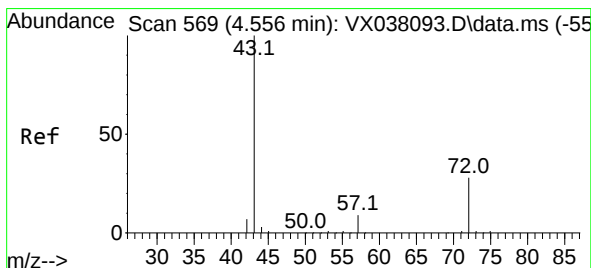
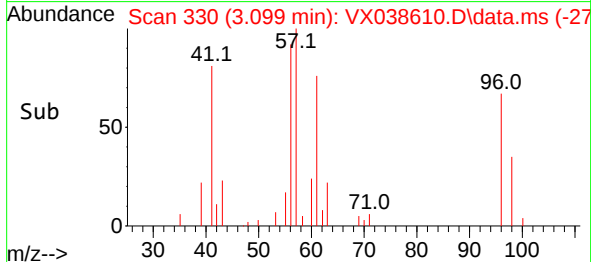
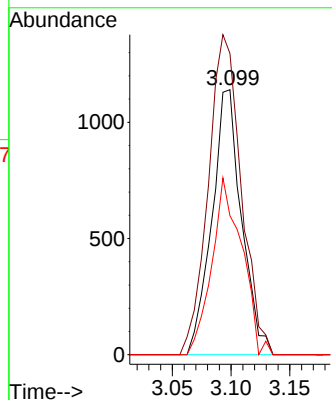
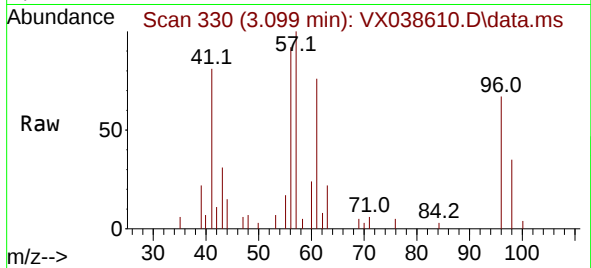




#21
trans-1,2-Dichloroethene
Concen: 0.789 ug/l
RT: 3.099 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX038610.D
Acq: 27 Oct 2023 18:08

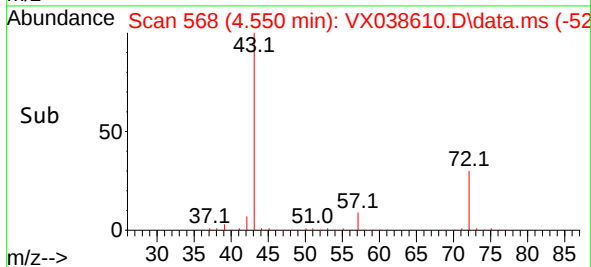
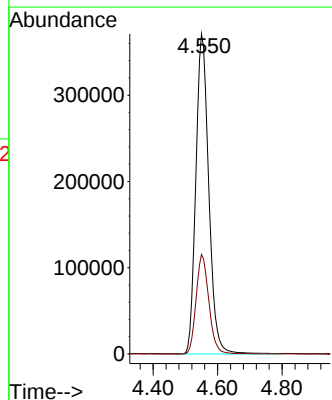
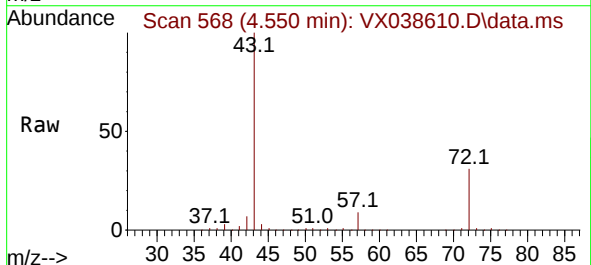
Instrument :
MSVOA_X
ClientSampleId :
AQ-COMP

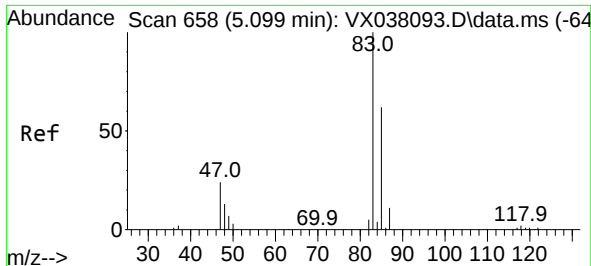
Tgt Ion: 96 Resp: 2005
Ion Ratio Lower Upper
96 100
61 113.7 119.2 178.8#
98 52.5 48.7 73.1



#25
2-Butanone
Concen: 424.965 ug/l
RT: 4.550 min Scan# 568
Delta R.T. -0.006 min
Lab File: VX038610.D
Acq: 27 Oct 2023 18:08

Tgt Ion: 43 Resp: 1032092
Ion Ratio Lower Upper
43 100
72 31.1 19.4 29.2#

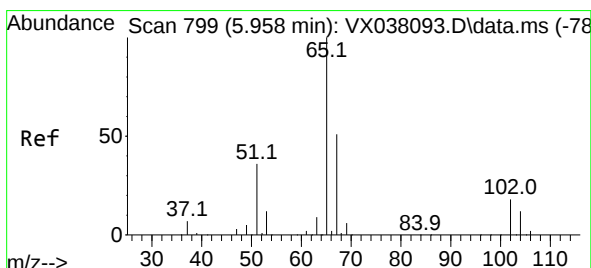
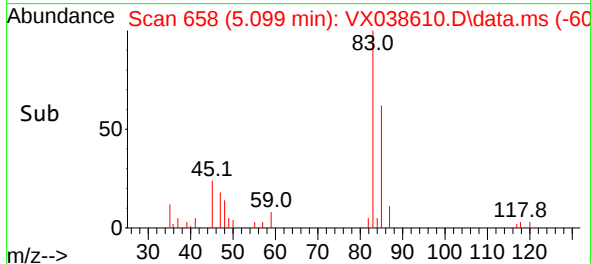
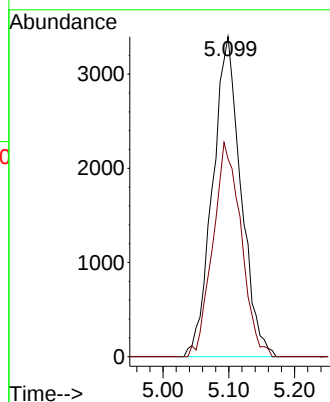
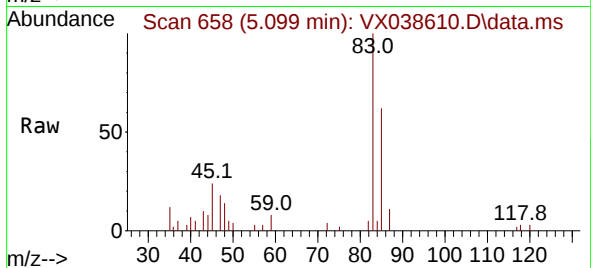




#30
Chloroform
Concen: 1.996 ug/l
RT: 5.099 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX038610.D
Acq: 27 Oct 2023 18:08

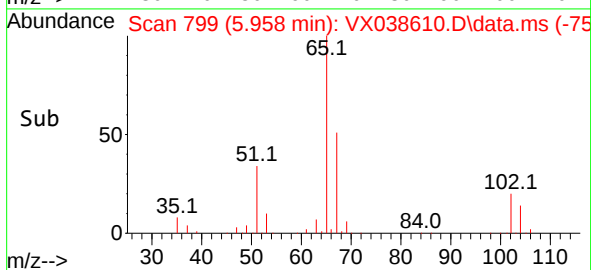
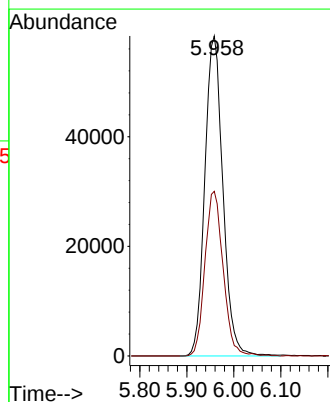
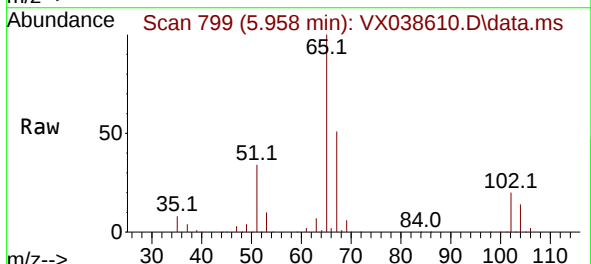
Instrument :
MSVOA_X
ClientSampleId :
AQ-COMP

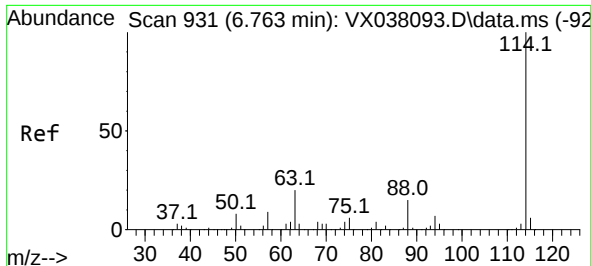
Tgt Ion: 83 Resp: 10185
Ion Ratio Lower Upper
83 100
85 61.8 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 43.106 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038610.D
Acq: 27 Oct 2023 18:08

Tgt Ion: 65 Resp: 155469
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.2

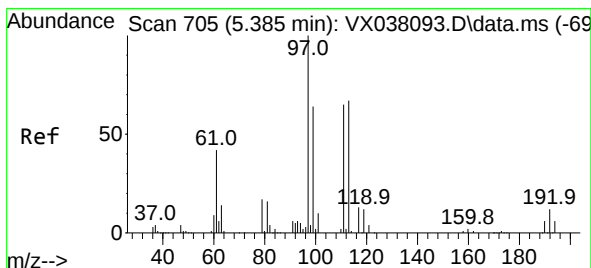
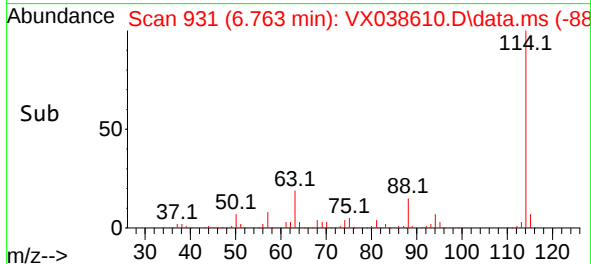
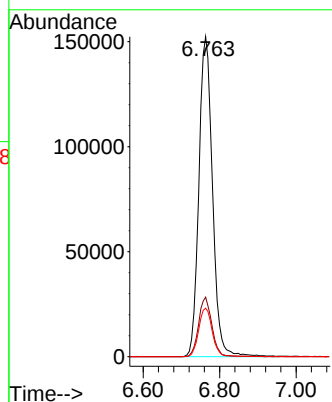
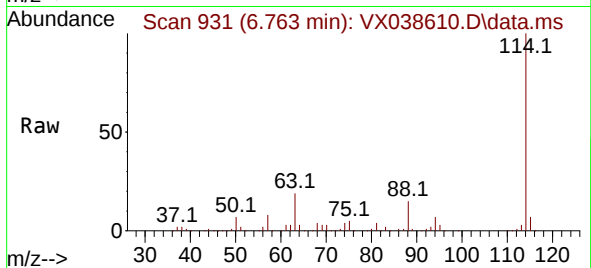




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038610.D
Acq: 27 Oct 2023 18:08

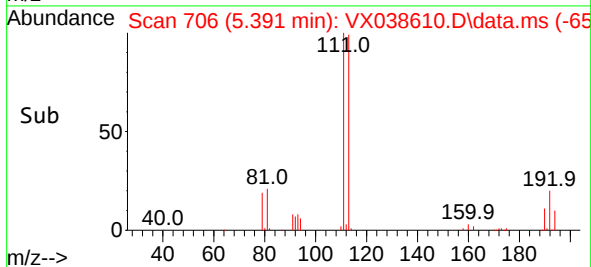
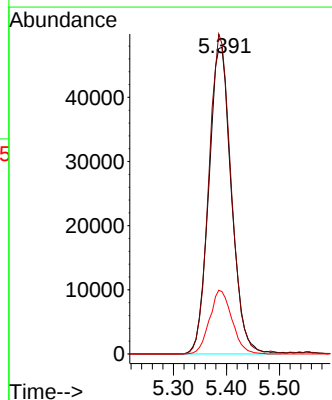
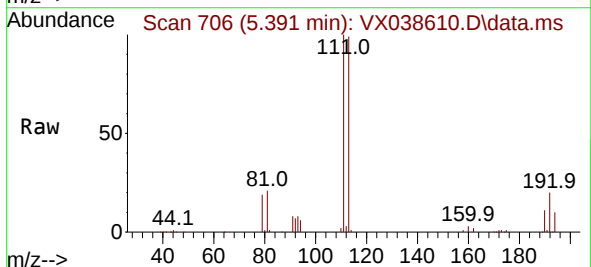
Instrument :
MSVOA_X
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AQ-COMP

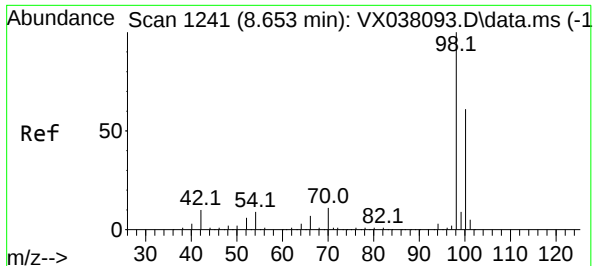
Tgt Ion:114 Resp: 376549
Ion Ratio Lower Upper
114 100
63 18.6 0.0 45.0
88 15.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 52.327 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038610.D
Acq: 27 Oct 2023 18:08

Tgt Ion:113 Resp: 141976
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 20.5 13.3 19.9#

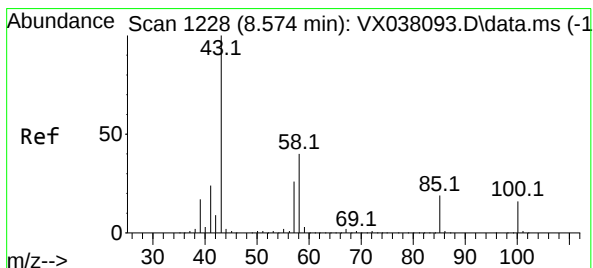
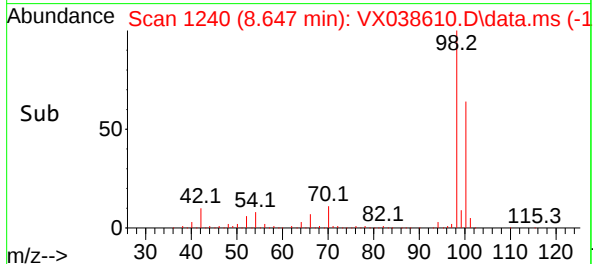
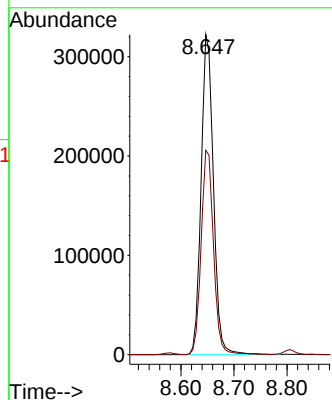
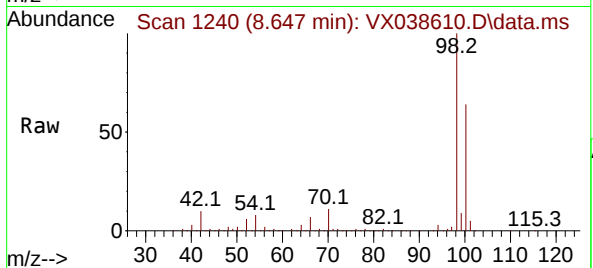




#50
Toluene-d8
Concen: 50.197 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038610.D
Acq: 27 Oct 2023 18:08

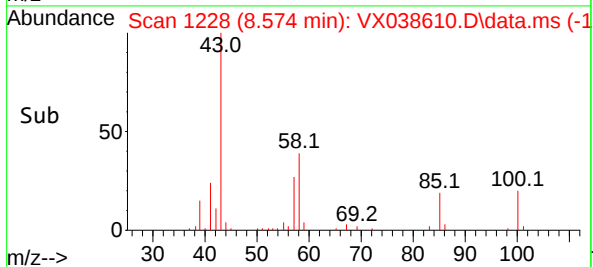
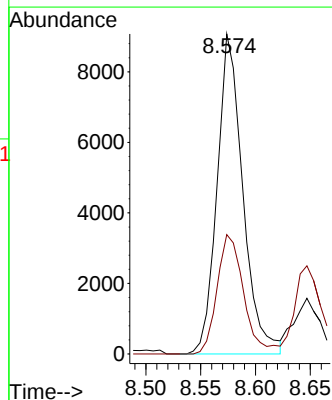
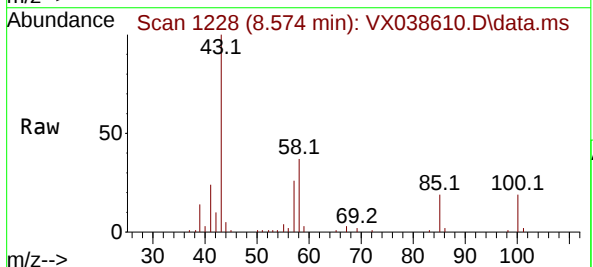
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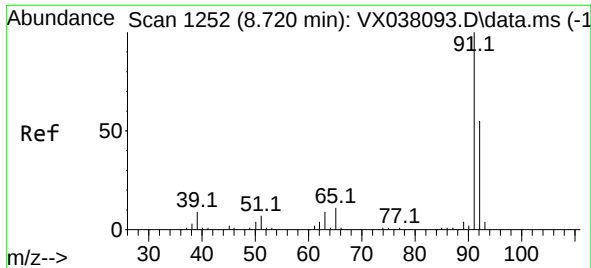
Tgt Ion: 98 Resp: 520443
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 3.239 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX038610.D
Acq: 27 Oct 2023 18:08

Tgt Ion: 43 Resp: 14821
Ion Ratio Lower Upper
43 100
58 37.6 30.4 45.6

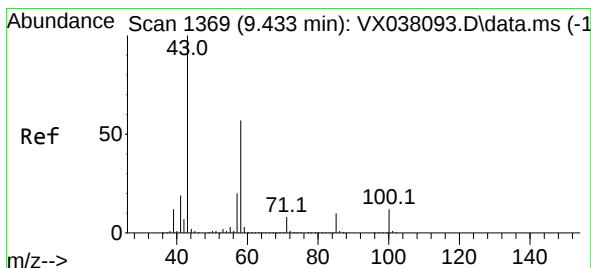
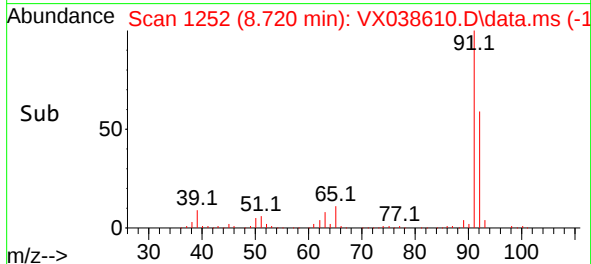
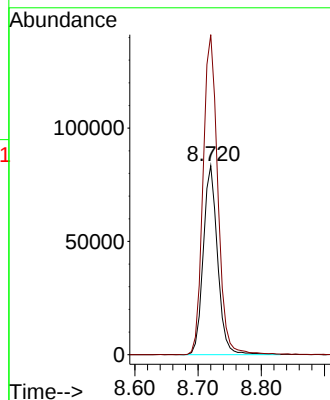
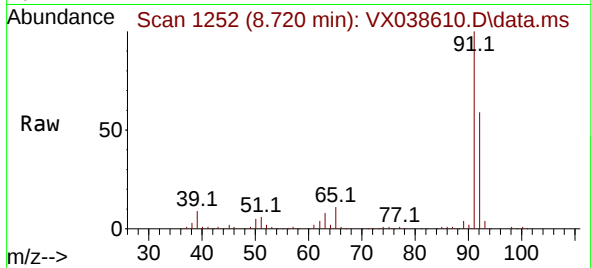




#52
Toluene
Concen: 19.287 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038610.D
Acq: 27 Oct 2023 18:08

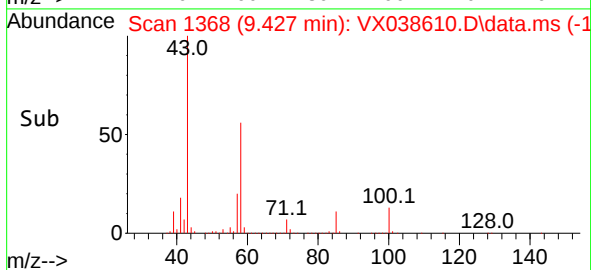
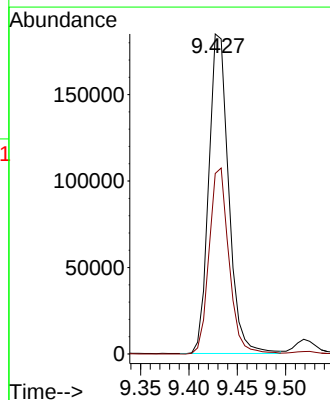
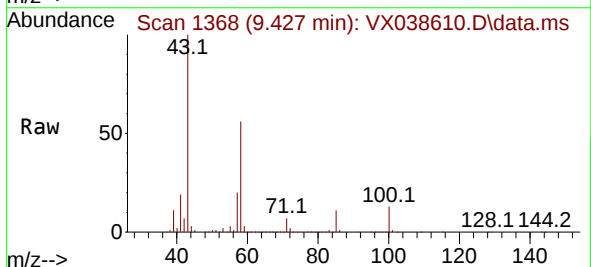
Instrument :
MSVOA_X
ClientSampleId :
AQ-COMP

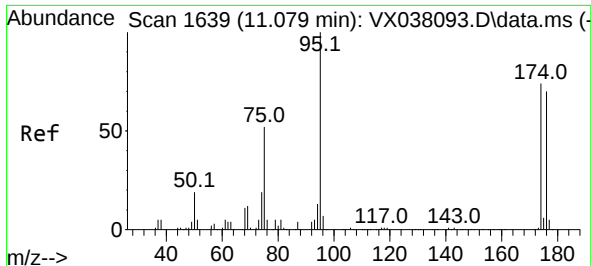
Tgt Ion: 92 Resp: 131481
Ion Ratio Lower Upper
92 100
91 174.9 134.2 201.2



#59
2-Hexanone
Concen: 72.075 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX038610.D
Acq: 27 Oct 2023 18:08

Tgt Ion: 43 Resp: 265123
Ion Ratio Lower Upper
43 100
58 58.0 26.2 78.5





#62

4-Bromofluorobenzene

Concen: 57.125 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038610.D

Acq: 27 Oct 2023 18:08

Instrument :

MSVOA_X

ClientSampleId :

AQ-COMP

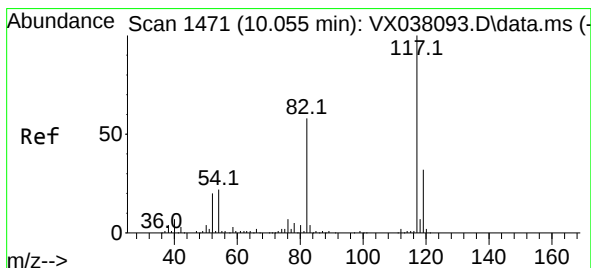
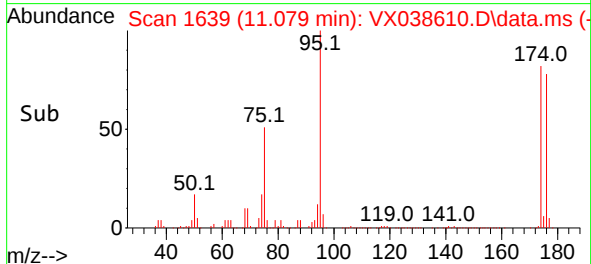
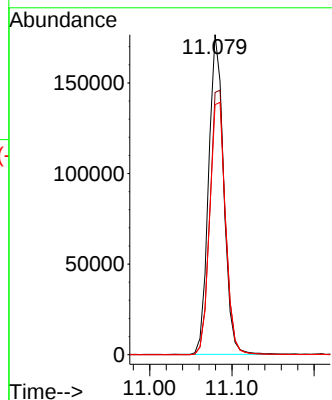
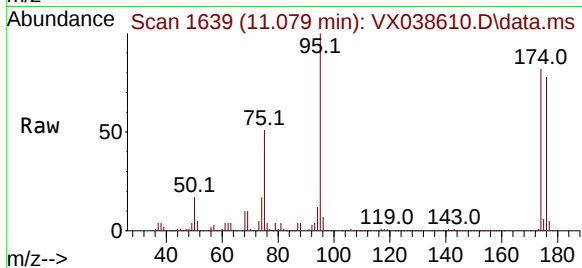
Tgt Ion: 95 Resp: 224540

Ion Ratio Lower Upper

95 100

174 85.5 0.0 135.6

176 83.2 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: VX038610.D

Acq: 27 Oct 2023 18:08

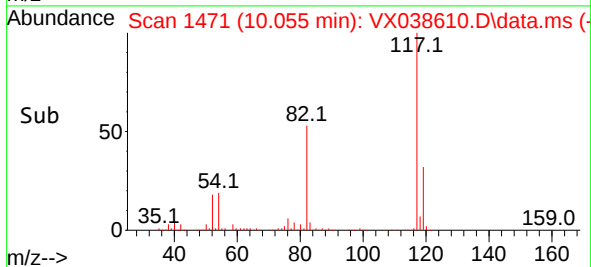
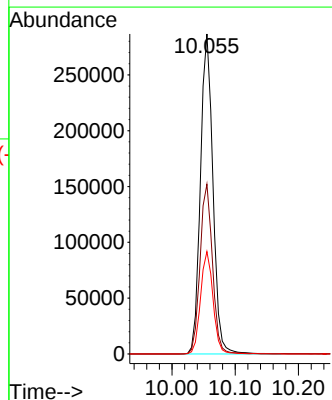
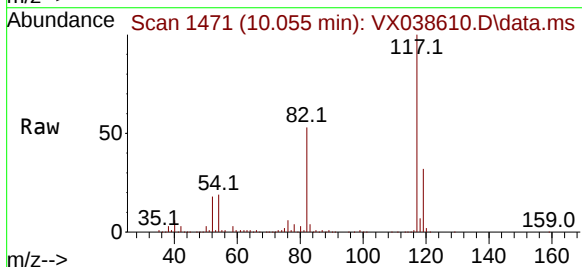
Tgt Ion: 117 Resp: 394760

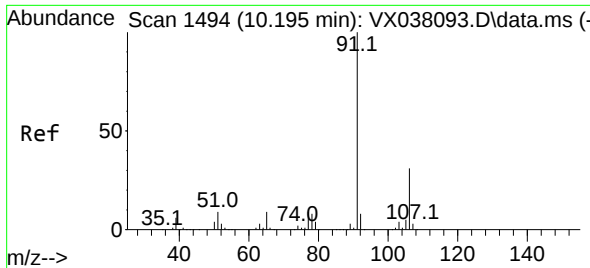
Ion Ratio Lower Upper

117 100

82 53.0 46.2 69.4

119 32.0 25.5 38.3

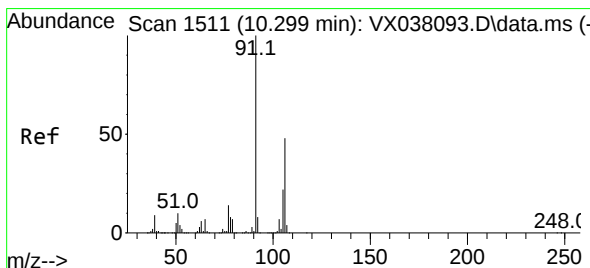
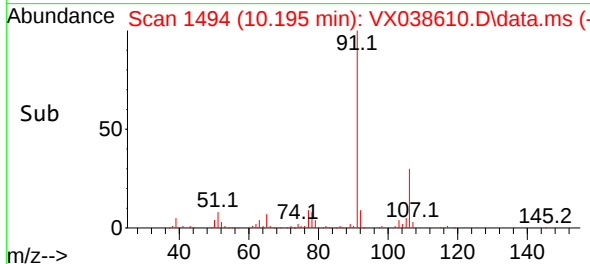
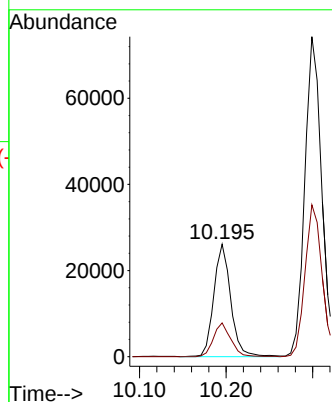
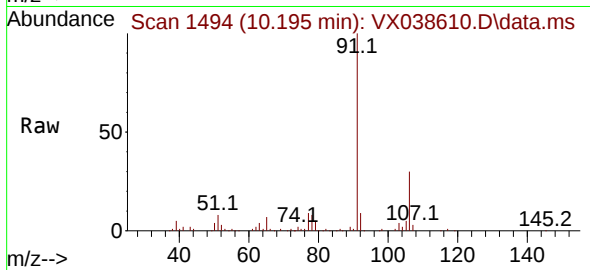




#67
Ethyl Benzene
Concen: 2.410 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038610.D
Acq: 27 Oct 2023 18:08

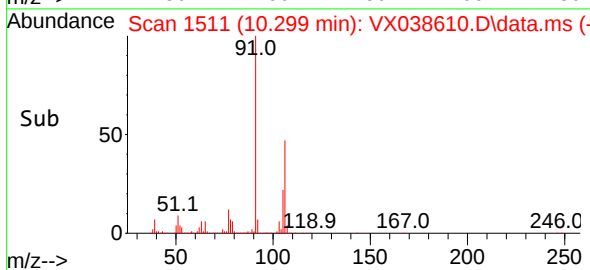
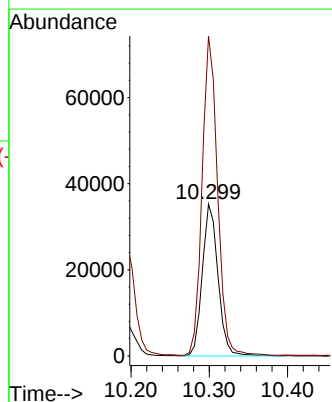
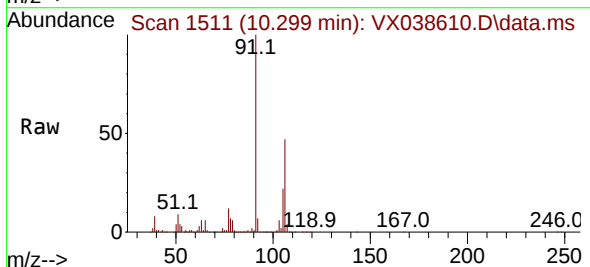
Instrument :
MSVOA_X
ClientSampleId :
AQ-COMP

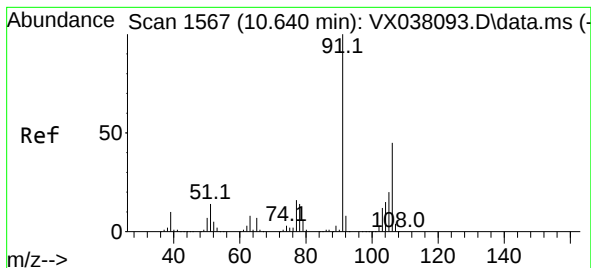
Tgt Ion: 91 Resp: 35535
Ion Ratio Lower Upper
91 100
106 30.1 24.9 37.3



#68
m/p-Xylenes
Concen: 8.610 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX038610.D
Acq: 27 Oct 2023 18:08

Tgt Ion: 106 Resp: 49087
Ion Ratio Lower Upper
106 100
91 206.1 165.5 248.3





#69

o-Xylene

Concen: 3.991 ug/l

RT: 10.640 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038610.D

Acq: 27 Oct 2023 18:08

Instrument :

MSVOA_X

ClientSampleId :

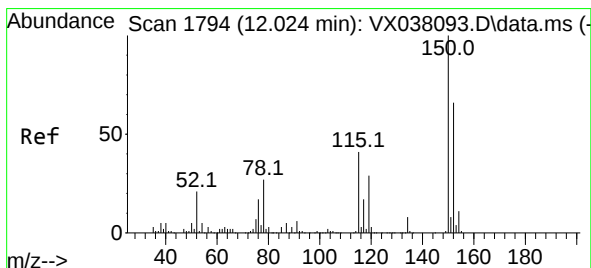
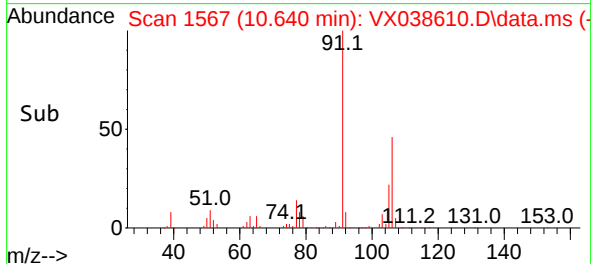
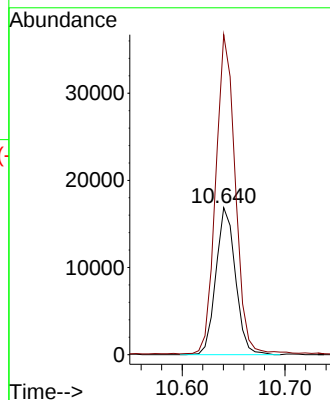
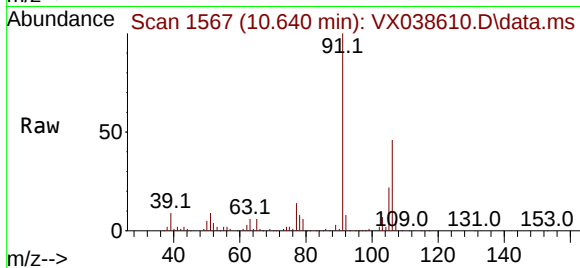
AQ-COMP

Tgt Ion:106 Resp: 22209

Ion Ratio Lower Upper

106 100

91 217.4 108.9 326.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX038610.D

Acq: 27 Oct 2023 18:08

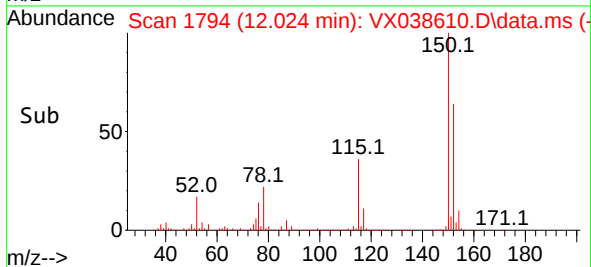
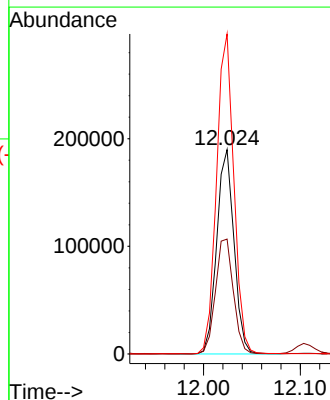
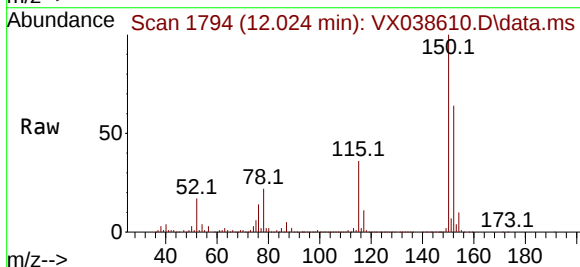
Tgt Ion:152 Resp: 235493

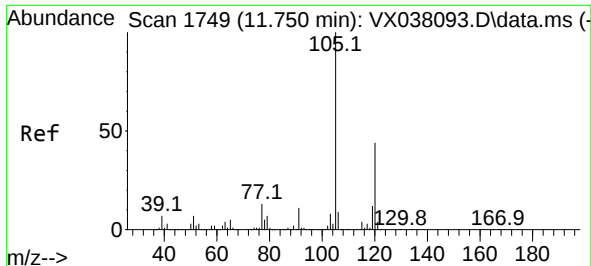
Ion Ratio Lower Upper

152 100

115 58.1 43.3 129.9

150 156.9 0.0 345.0

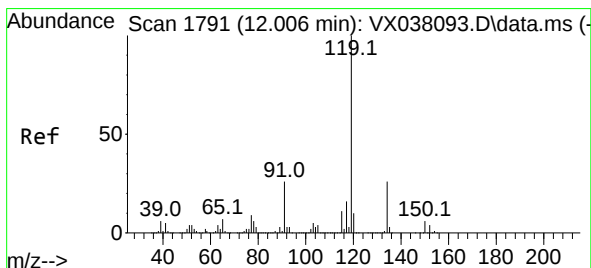
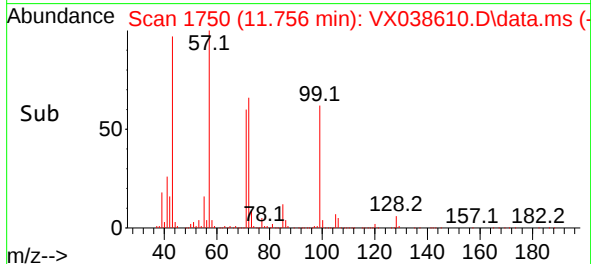
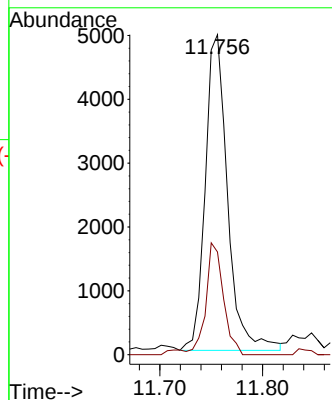
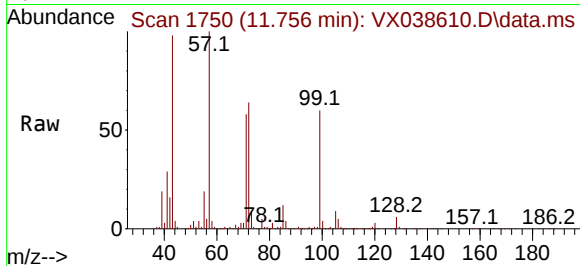




#84
1,2,4-Trimethylbenzene
Concen: 0.550 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX038610.D
Acq: 27 Oct 2023 18:08

Instrument :
MSVOA_X
ClientSampleId :
AQ-COMP

Tgt Ion:105 Resp: 7465
Ion Ratio Lower Upper
105 100
120 27.6 21.2 63.6



#86
p-Isopropyltoluene
Concen: 0.464 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VX038610.D
Acq: 27 Oct 2023 18:08

Tgt Ion:119 Resp: 6606
Ion Ratio Lower Upper
119 100
134 31.8 12.8 38.3
91 0.0 13.1 39.3#

