

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091923\
 Data File : VX037806.D
 Acq On : 19 Sep 2023 15:16
 Operator : JC/MD
 Sample : 04479-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1026

Quant Time: Sep 20 01:03:22 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)

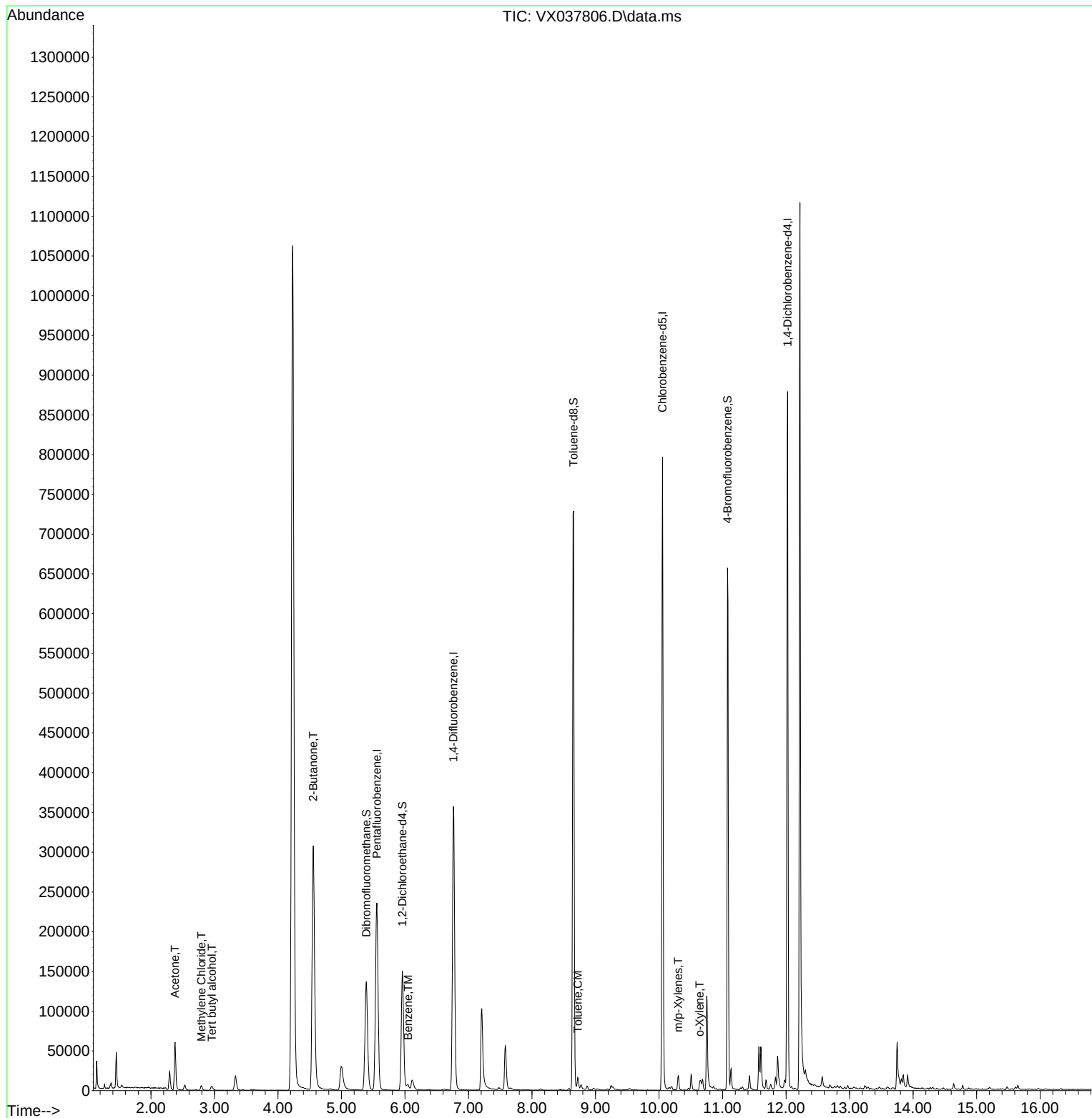
Internal Standards						
1) Pentafluorobenzene	5.556	168	227761	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	377588	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	359929	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	185469	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	138782	46.378	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.760%
35) Dibromofluoromethane	5.391	113	117593	46.545	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.080%
50) Toluene-d8	8.653	98	457213	48.705	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.420%
62) 4-Bromofluorobenzene	11.079	95	170211	49.898	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.800%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	5862	9.126	ug/l	# 88
16) Acetone	2.380	43	63297	43.970	ug/l	# 87
20) Methylene Chloride	2.794	84	2822	1.036	ug/l	# 75
25) 2-Butanone	4.556	43	524376	258.132	ug/l	92
40) Benzene	6.050	78	7804	0.729	ug/l	97
52) Toluene	8.720	92	5317	0.771	ug/l	95
68) m/p-Xylenes	10.299	106	4726	0.909	ug/l	95
69) o-Xylene	10.640	106	2588	0.496	ug/l	87

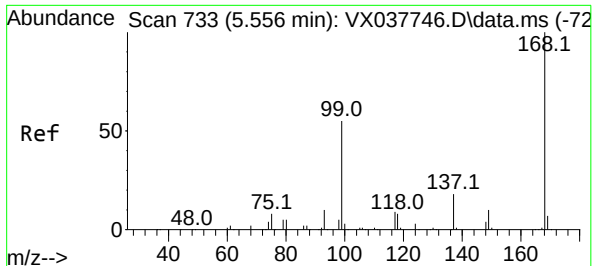
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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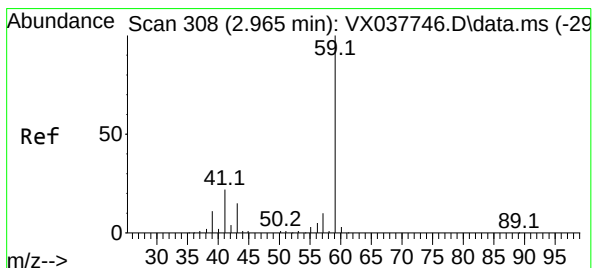
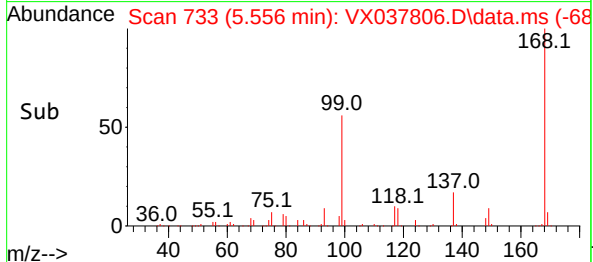
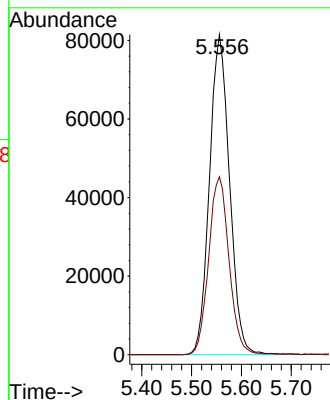
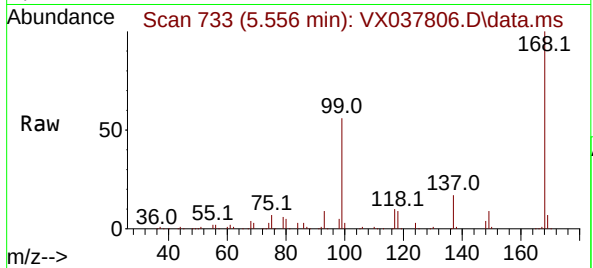




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037806.D
Acq: 19 Sep 2023 15:16

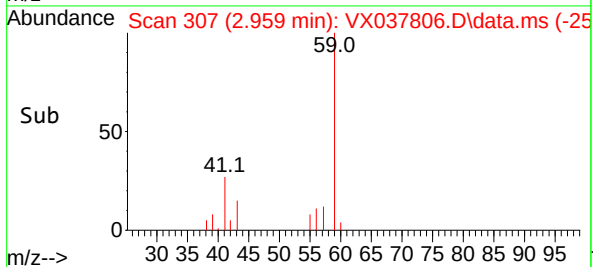
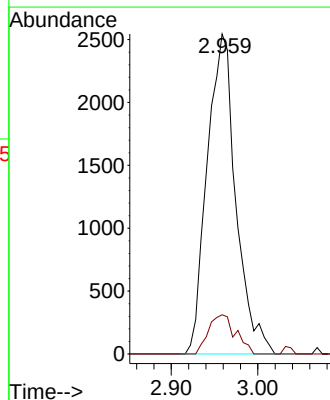
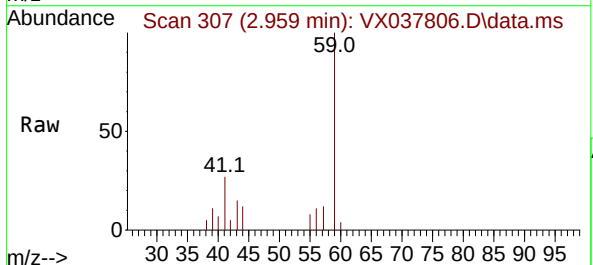
Instrument :
MSVOA_X
ClientSampleId :
1026

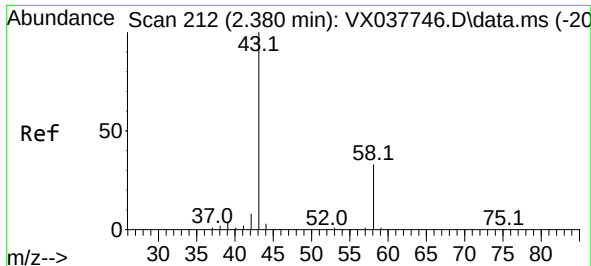
Tgt Ion:168 Resp: 227761
Ion Ratio Lower Upper
168 100
99 55.6 56.6 85.0#



#11
Tert butyl alcohol
Concen: 9.126 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX037806.D
Acq: 19 Sep 2023 15:16

Tgt Ion: 59 Resp: 5862
Ion Ratio Lower Upper
59 100
57 11.5 6.0 9.0#

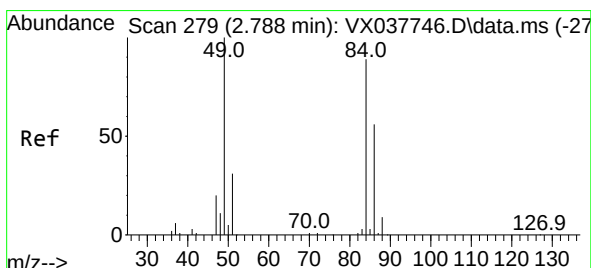
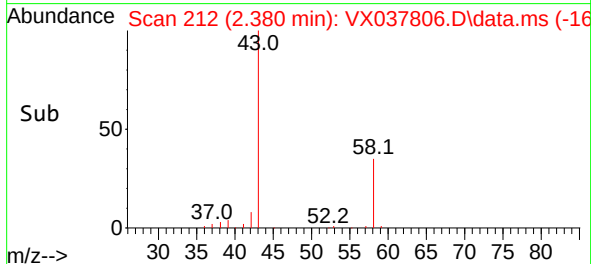
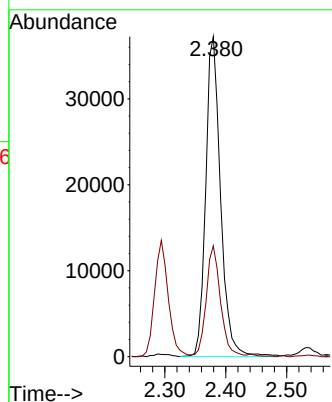
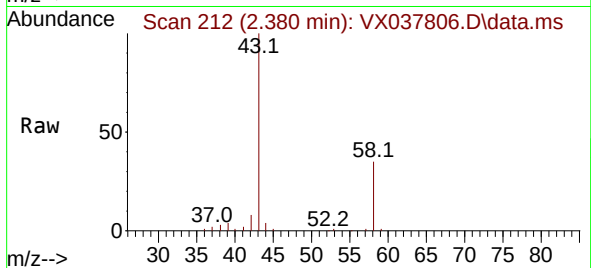




#16
Acetone
Concen: 43.970 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037806.D
Acq: 19 Sep 2023 15:16

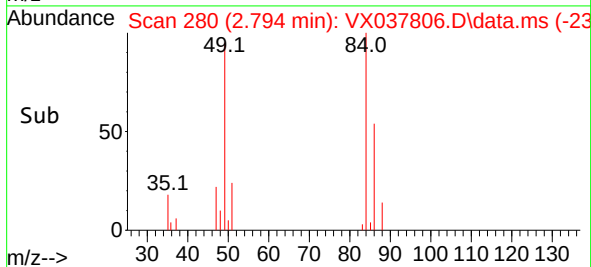
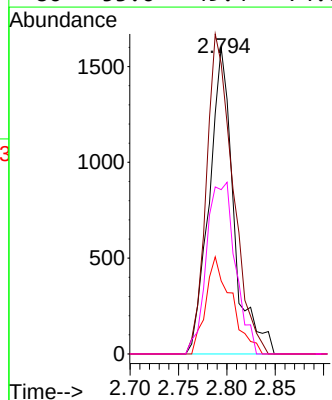
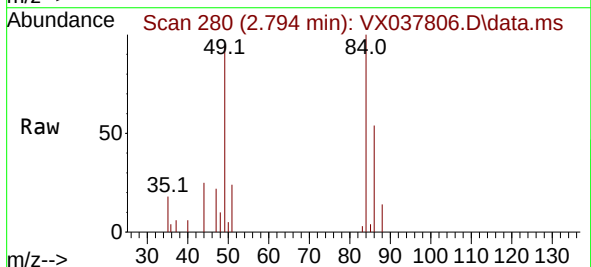
Instrument :
MSVOA_X
ClientSampleId :
1026

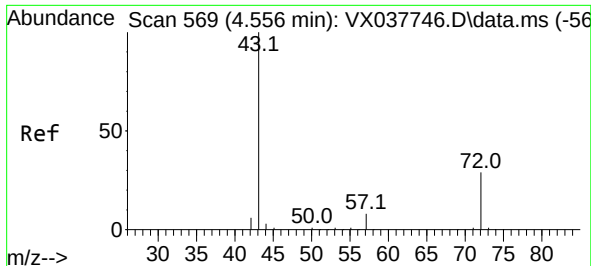
Tgt Ion: 43 Resp: 63297
Ion Ratio Lower Upper
43 100
58 34.4 21.9 32.9#



#20
Methylene Chloride
Concen: 1.036 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX037806.D
Acq: 19 Sep 2023 15:16

Tgt Ion: 84 Resp: 2822
Ion Ratio Lower Upper
84 100
49 94.7 103.6 155.4#
51 23.9 33.8 50.6#
86 53.6 49.4 74.0

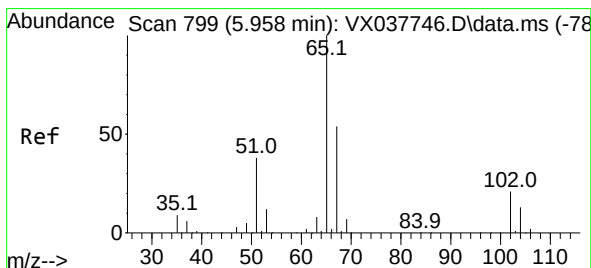
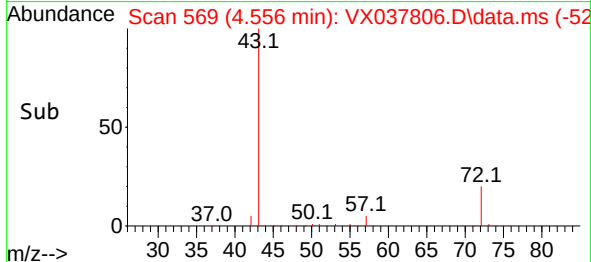
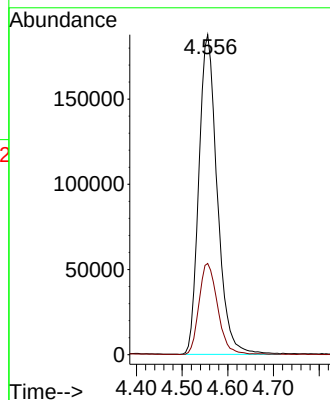
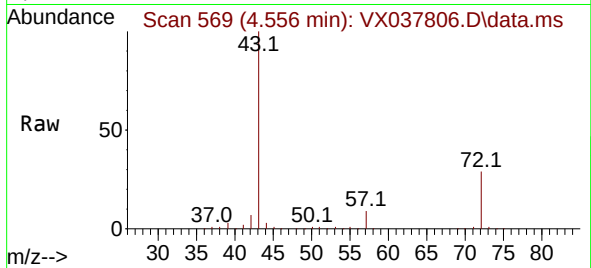




#25
2-Butanone
Concen: 258.132 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.012 min
Lab File: VX037806.D
Acq: 19 Sep 2023 15:16

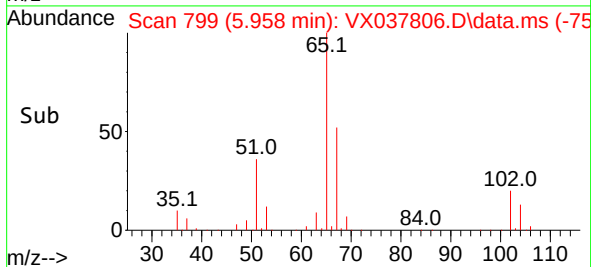
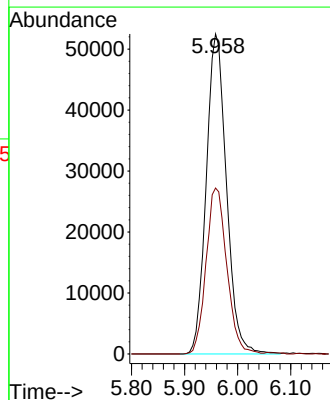
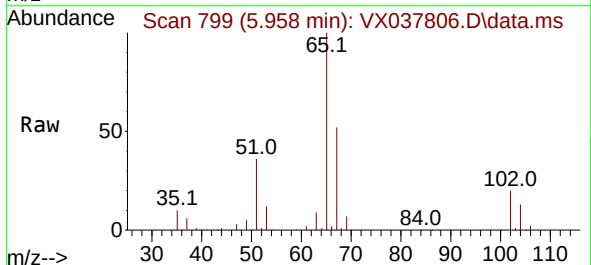
Instrument :
MSVOA_X
ClientSampleId :
1026

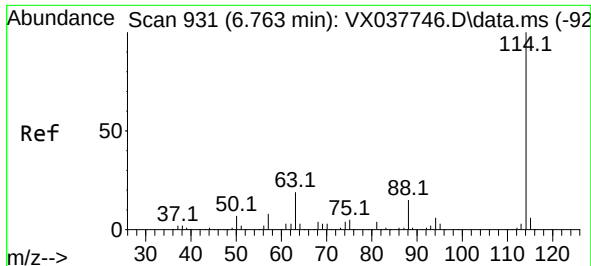
Tgt Ion: 43 Resp: 524376
Ion Ratio Lower Upper
43 100
72 28.5 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 46.378 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037806.D
Acq: 19 Sep 2023 15:16

Tgt Ion: 65 Resp: 138782
Ion Ratio Lower Upper
65 100
67 53.2 0.0 100.2

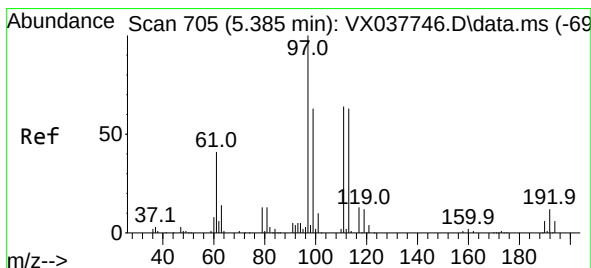
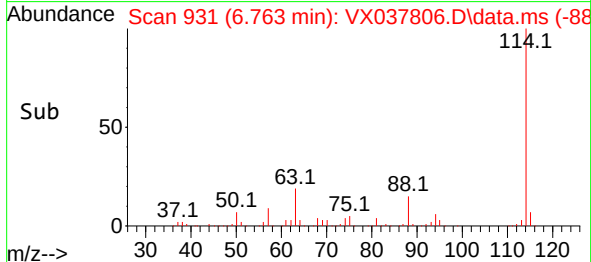
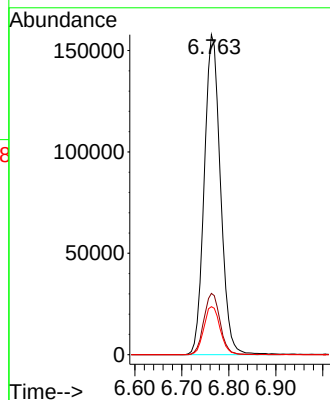
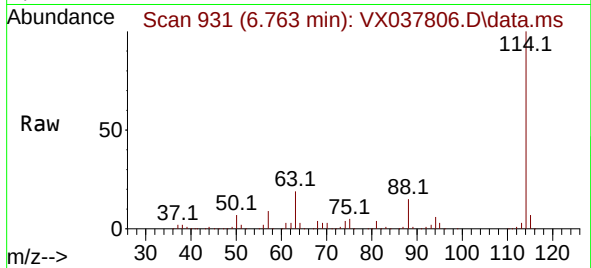




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037806.D
Acq: 19 Sep 2023 15:16

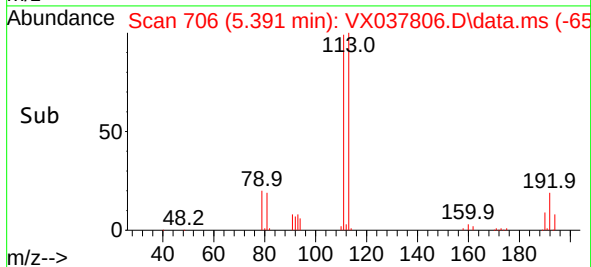
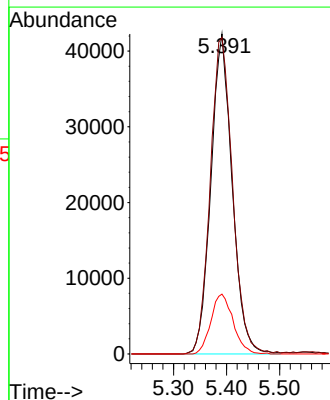
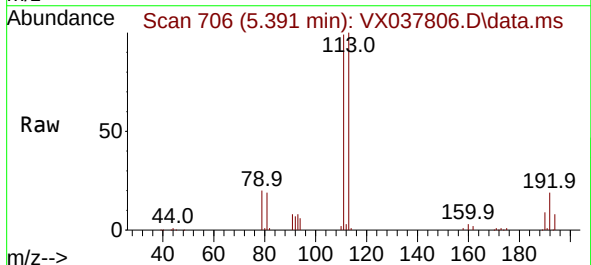
Instrument :
MSVOA_X
ClientSampleId :
1026

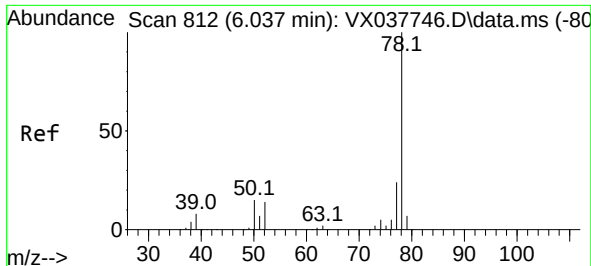
Tgt Ion:114 Resp: 377588
Ion Ratio Lower Upper
114 100
63 19.2 0.0 45.0
88 15.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.545 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037806.D
Acq: 19 Sep 2023 15:16

Tgt Ion:113 Resp: 117593
Ion Ratio Lower Upper
113 100
111 103.7 82.9 124.3
192 19.6 13.3 19.9





#40

Benzene

Concen: 0.729 ug/l

RT: 6.050 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX037806.D

Acq: 19 Sep 2023 15:16

Instrument :

MSVOA_X

ClientSampleId :

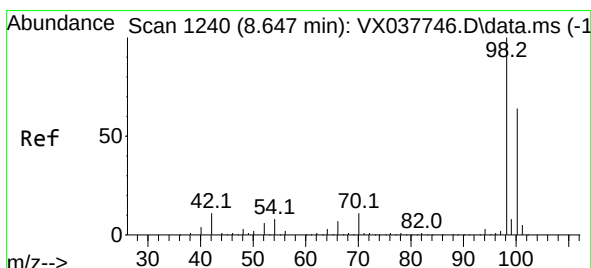
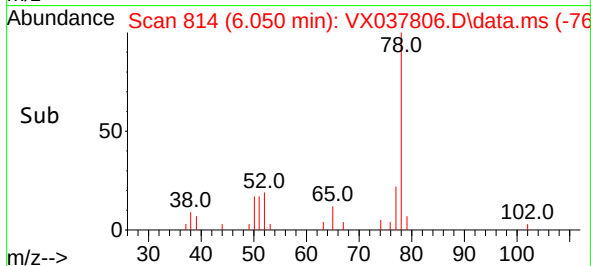
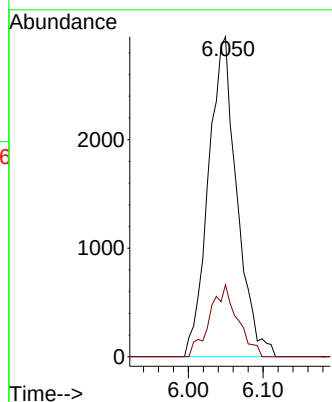
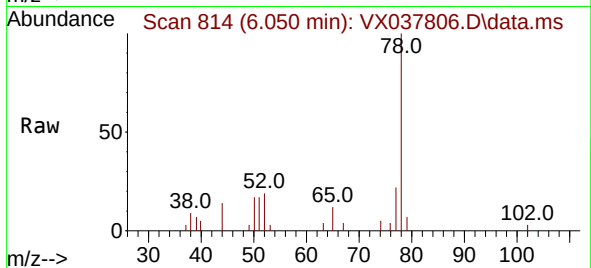
1026

Tgt Ion: 78 Resp: 7804

Ion Ratio Lower Upper

78 100

77 22.5 19.3 28.9



#50

Toluene-d8

Concen: 48.705 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VX037806.D

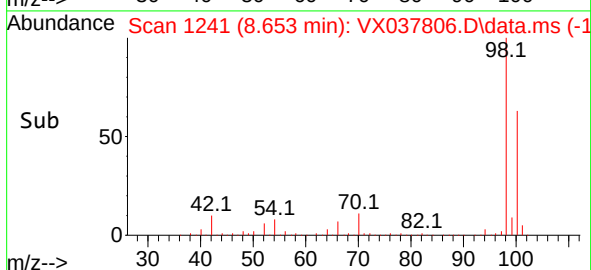
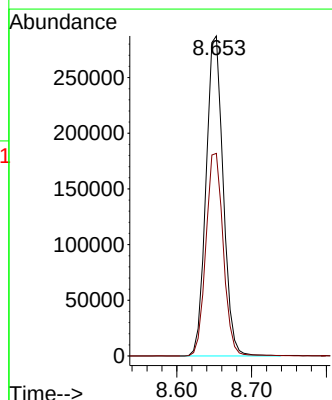
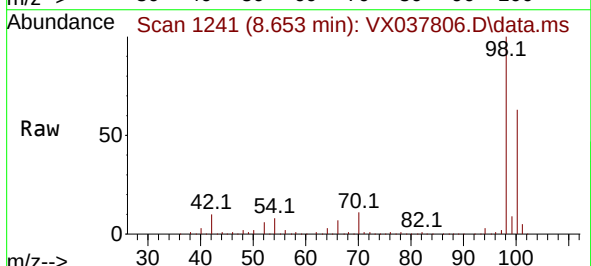
Acq: 19 Sep 2023 15:16

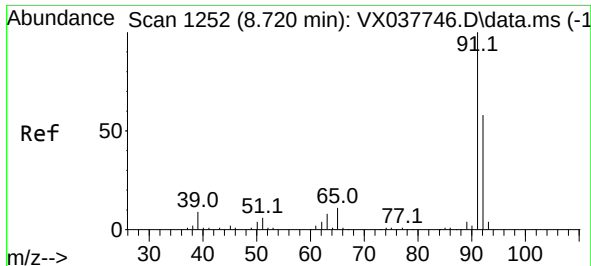
Tgt Ion: 98 Resp: 457213

Ion Ratio Lower Upper

98 100

100 64.2 53.1 79.7





#52

Toluene

Concen: 0.771 ug/l

RT: 8.720 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037806.D

Acq: 19 Sep 2023 15:16

Instrument :

MSVOA_X

ClientSampleId :

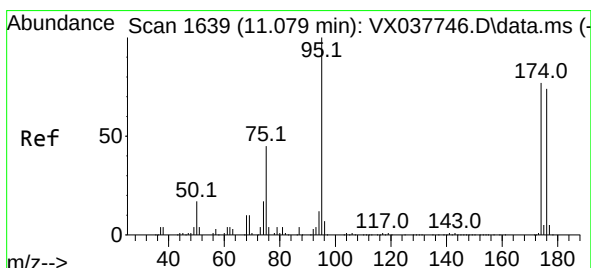
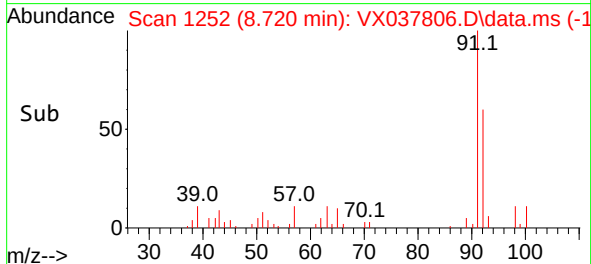
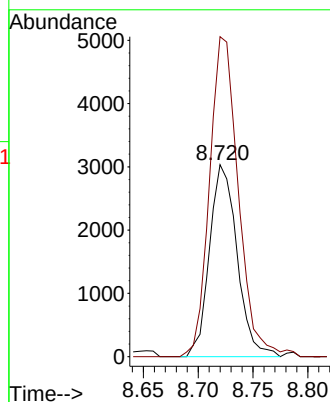
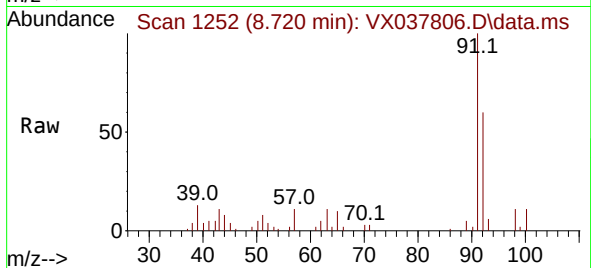
1026

Tgt Ion: 92 Resp: 5317

Ion Ratio Lower Upper

92 100

91 174.3 134.2 201.2



#62

4-Bromofluorobenzene

Concen: 49.898 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX037806.D

Acq: 19 Sep 2023 15:16

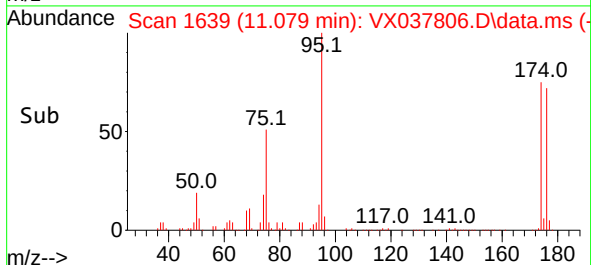
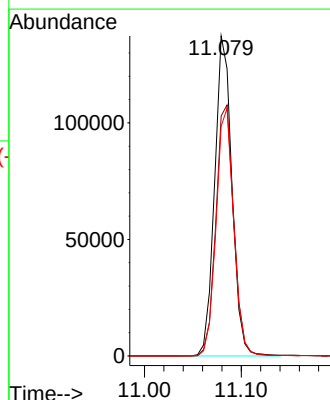
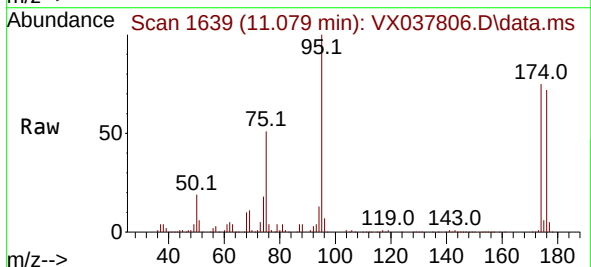
Tgt Ion: 95 Resp: 170211

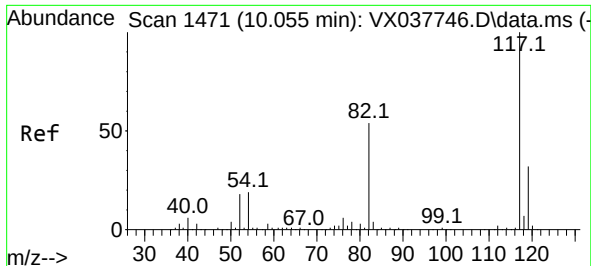
Ion Ratio Lower Upper

95 100

174 81.6 0.0 135.6

176 78.7 0.0 131.0

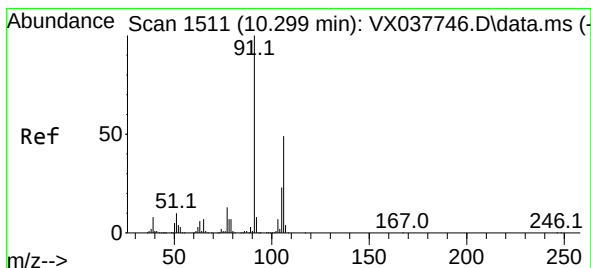
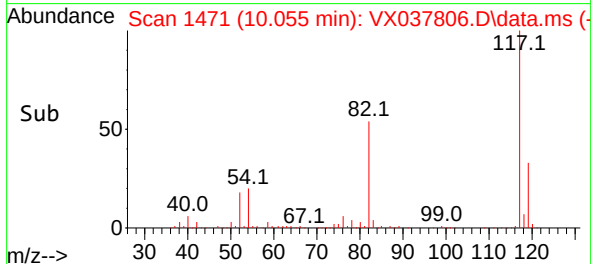
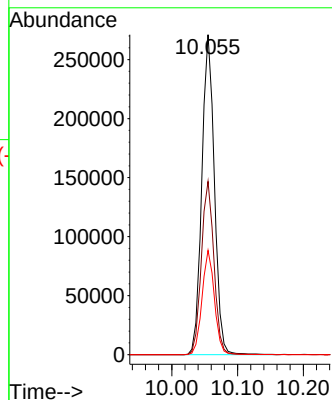
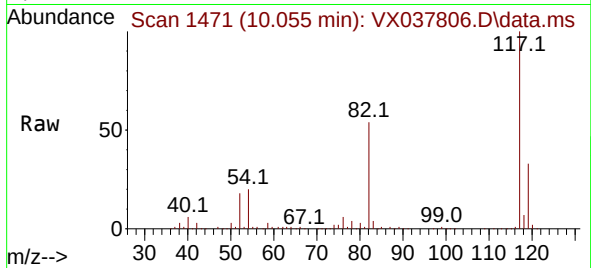




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037806.D
Acq: 19 Sep 2023 15:16

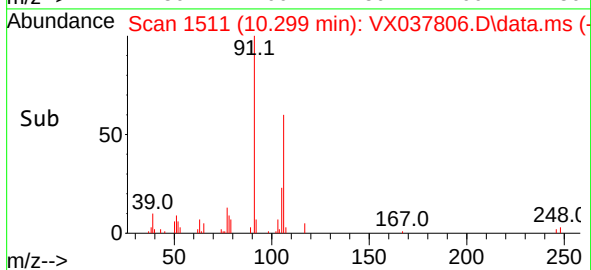
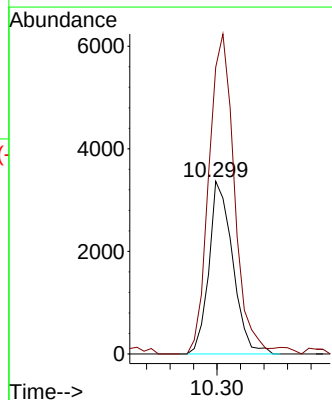
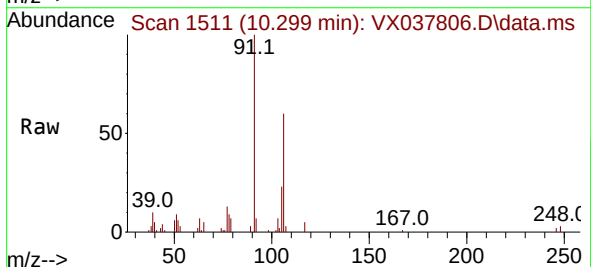
Instrument :
MSVOA_X
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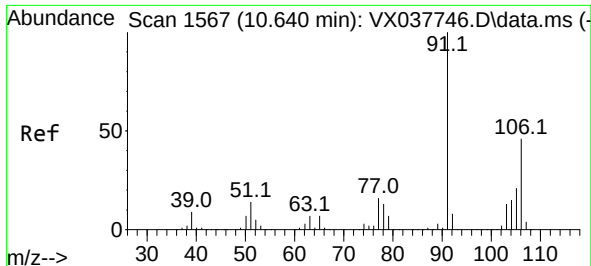
Tgt Ion:117 Resp: 359929
Ion Ratio Lower Upper
117 100
82 54.2 46.2 69.4
119 32.6 25.5 38.3



#68
m/p-Xylenes
Concen: 0.909 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX037806.D
Acq: 19 Sep 2023 15:16

Tgt Ion:106 Resp: 4726
Ion Ratio Lower Upper
106 100
91 198.7 165.5 248.3

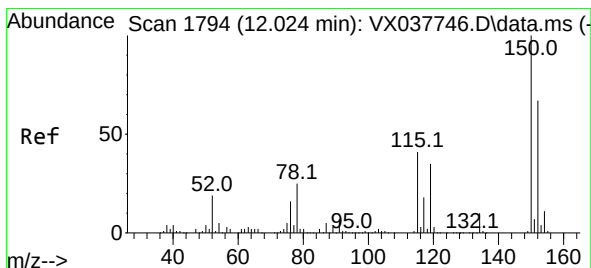
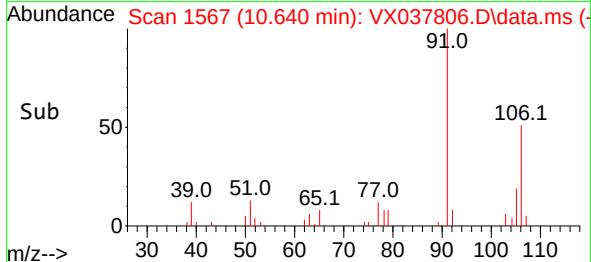
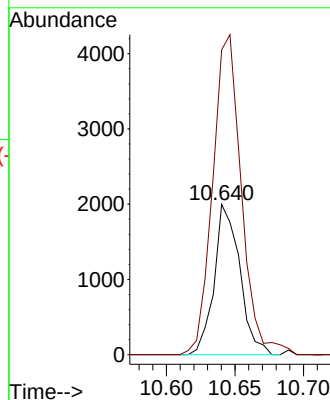
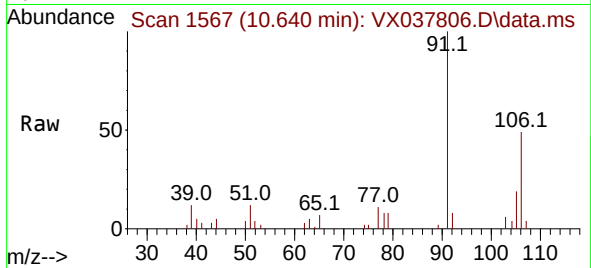




#69
o-Xylene
Concen: 0.496 ug/l
RT: 10.640 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VX037806.D
Acq: 19 Sep 2023 15:16

Instrument :
MSVOA_X
ClientSampleId :
1026

Tgt Ion:106 Resp: 2588
Ion Ratio Lower Upper
106 100
91 239.4 108.9 326.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037806.D
Acq: 19 Sep 2023 15:16

Tgt Ion:152 Resp: 185469
Ion Ratio Lower Upper
152 100
115 60.6 43.3 129.9
150 156.2 0.0 345.0

