

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081823\
 Data File : VX037075.D
 Acq On : 18 Aug 2023 11:31
 Operator : JC/MD
 Sample : 04009-02RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CONC-COMP

Quant Time: Aug 19 05:14:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

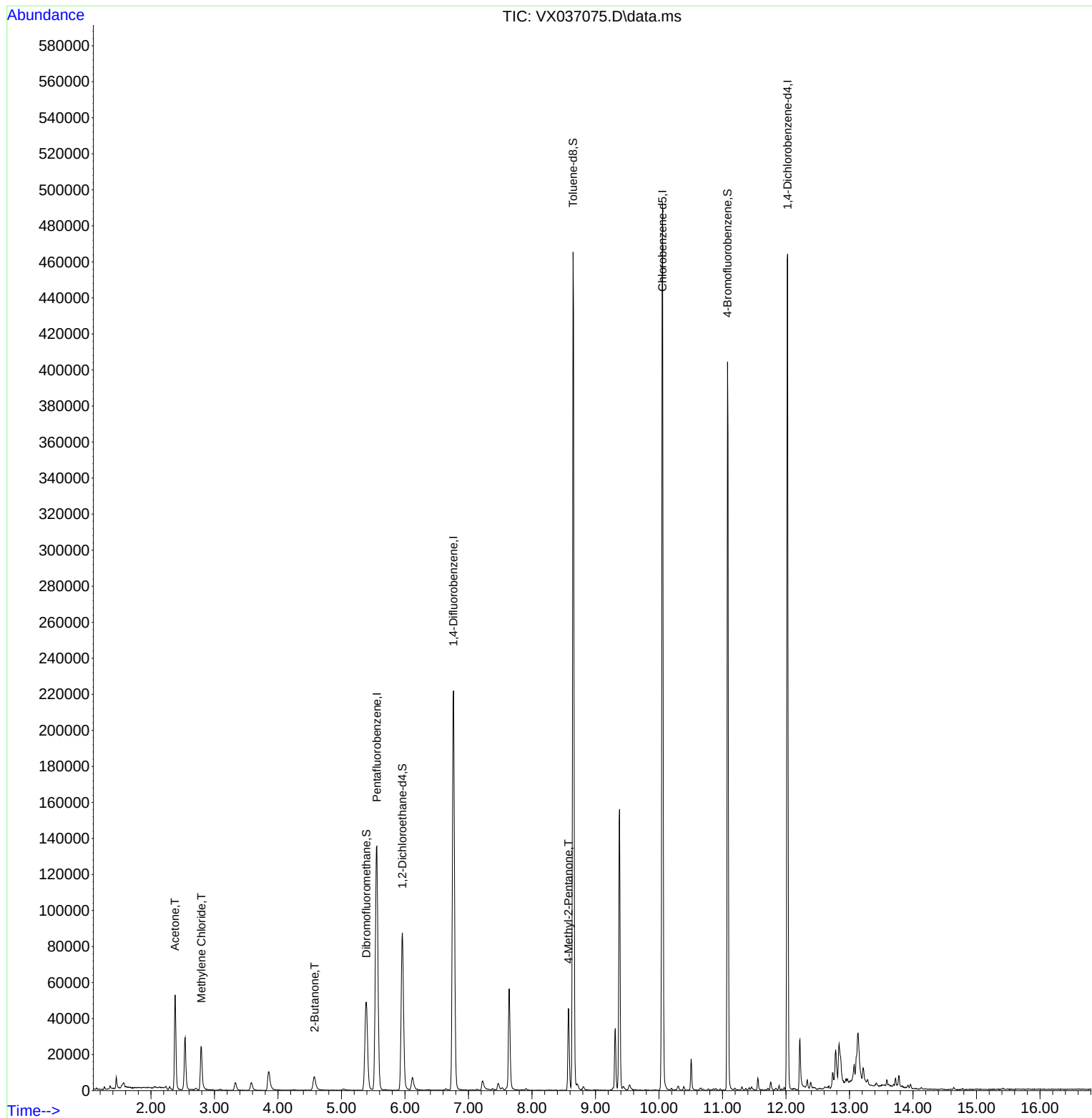
Internal Standards						
1) Pentafluorobenzene	5.556	168	126957	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	233138	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224015	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99081	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	87857	48.001	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.000%
35) Dibromofluoromethane	5.391	113	44323	28.706	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	57.420%#
50) Toluene-d8	8.647	98	279285	49.866	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.740%
62) 4-Bromofluorobenzene	11.079	95	112380	51.058	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.120%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	56030	78.250	ug/l	93
20) Methylene Chloride	2.794	84	12989	8.112	ug/l	86
25) 2-Butanone	4.574	43	8139	7.549	ug/l #	85
51) 4-Methyl-2-Pentanone	8.574	43	25673	11.884	ug/l	94

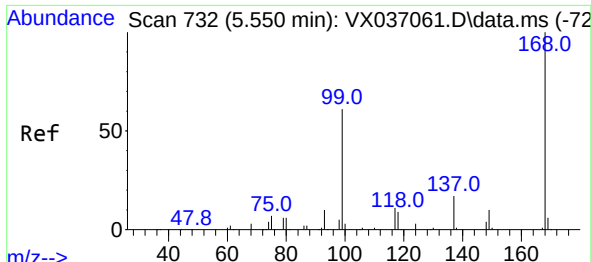
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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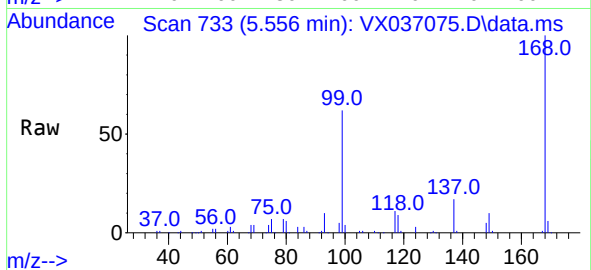
Quant Time: Aug 19 05:14:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
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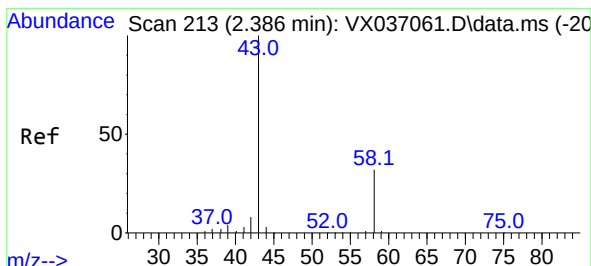
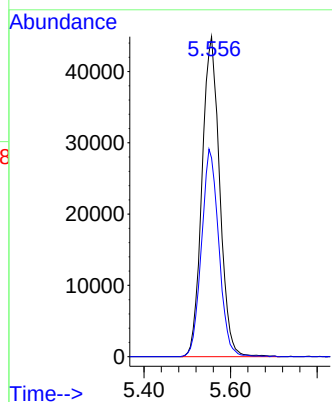
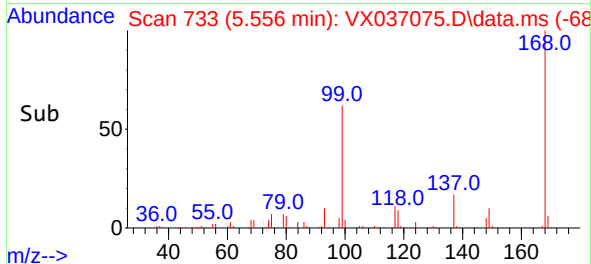


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037075.D
Acq: 18 Aug 2023 11:31

Instrument :
MSVOA_X
ClientSampleId :
CONC-COMP

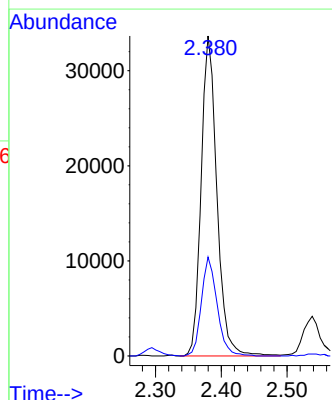
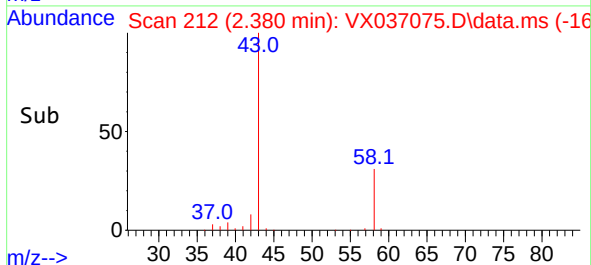
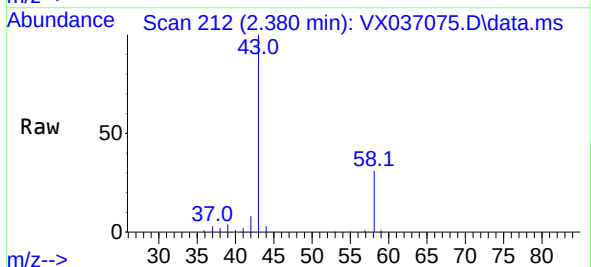


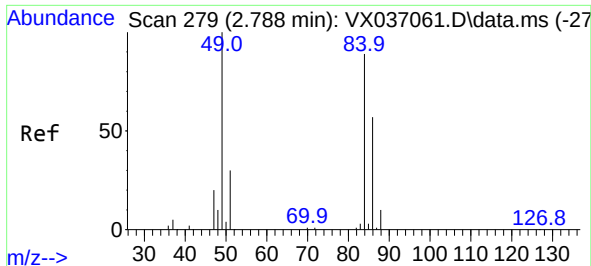
Tgt Ion:168 Resp: 126957
Ion Ratio Lower Upper
168 100
99 62.1 56.6 85.0



#16
Acetone
Concen: 78.250 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037075.D
Acq: 18 Aug 2023 11:31

Tgt Ion: 43 Resp: 56030
Ion Ratio Lower Upper
43 100
58 30.9 21.9 32.9





#20

Methylene Chloride

Concen: 8.112 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX037075.D

Acq: 18 Aug 2023 11:31

Instrument :

MSVOA_X

ClientSampleId :

CONC-COMP

Tgt Ion: 84 Resp: 12989

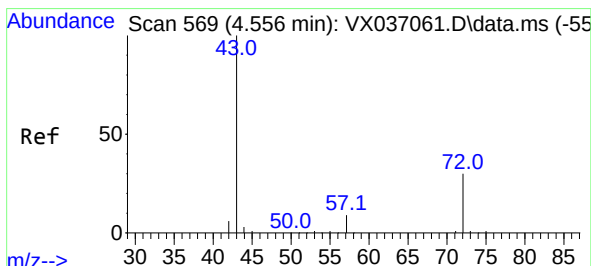
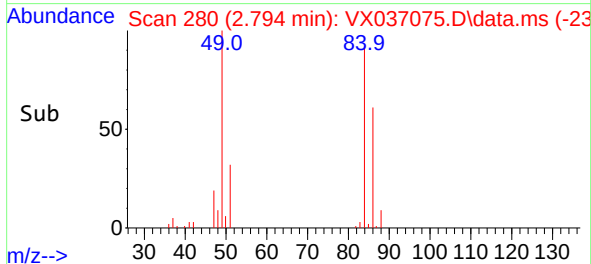
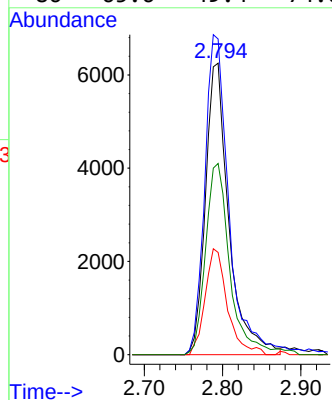
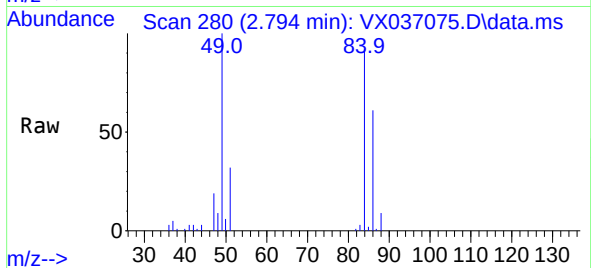
Ion Ratio Lower Upper

84 100

49 108.3 103.6 155.4

51 35.1 33.8 50.6

86 65.6 49.4 74.0



#25

2-Butanone

Concen: 7.549 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.018 min

Lab File: VX037075.D

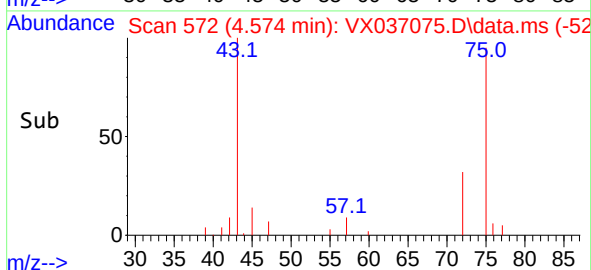
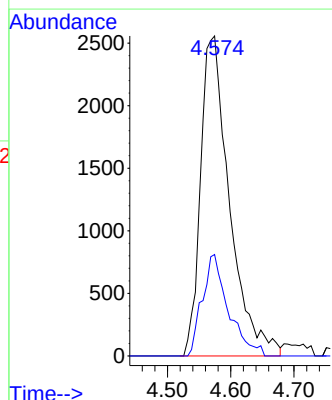
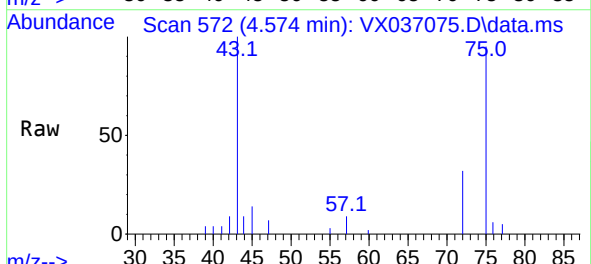
Acq: 18 Aug 2023 11:31

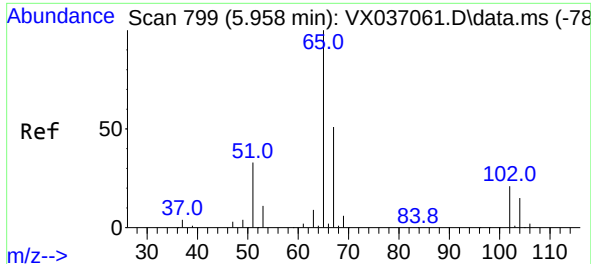
Tgt Ion: 43 Resp: 8139

Ion Ratio Lower Upper

43 100

72 31.7 19.4 29.2#

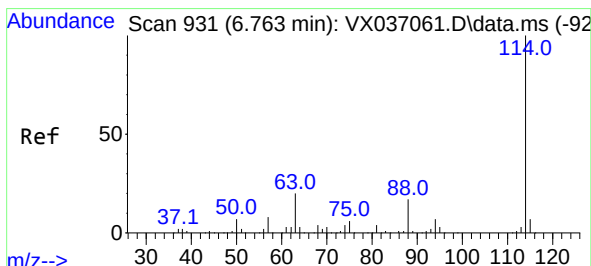
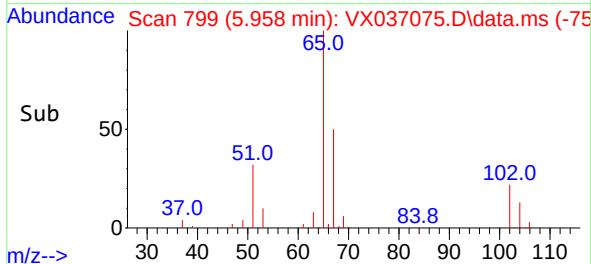
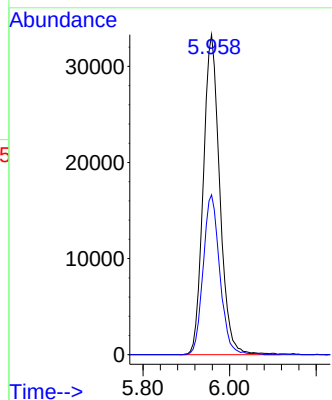
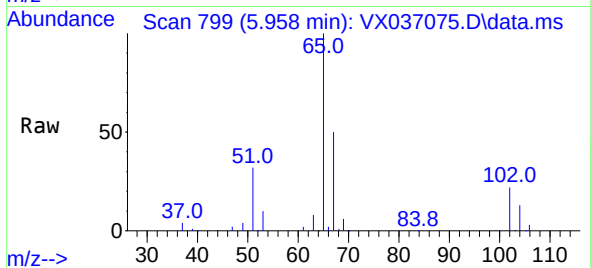




#33
 1,2-Dichloroethane-d4
 Concen: 48.001 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX037075.D
 Acq: 18 Aug 2023 11:31

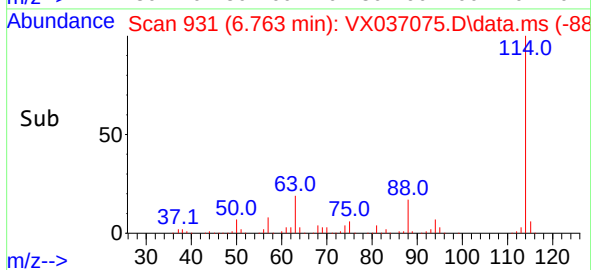
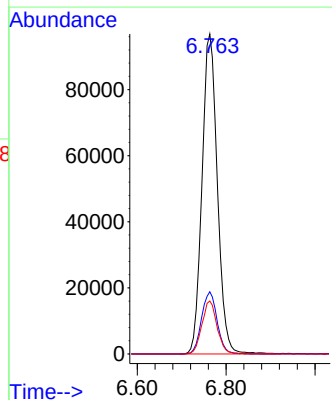
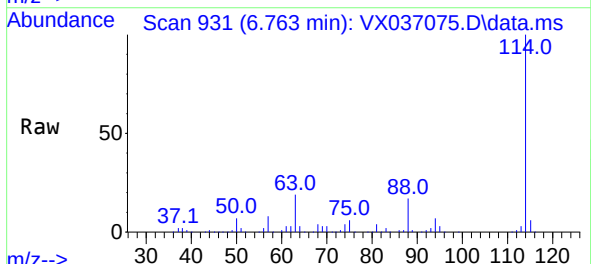
Instrument :
 MSVOA_X
 ClientSampleId :
 CONC-COMP

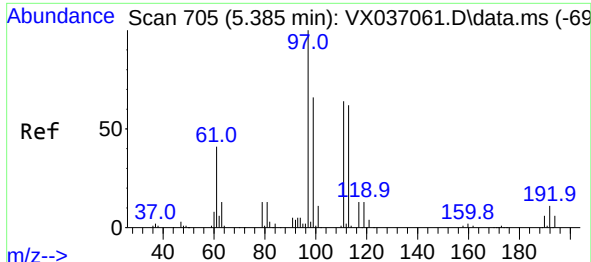
Tgt Ion: 65 Resp: 87857
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX037075.D
 Acq: 18 Aug 2023 11:31

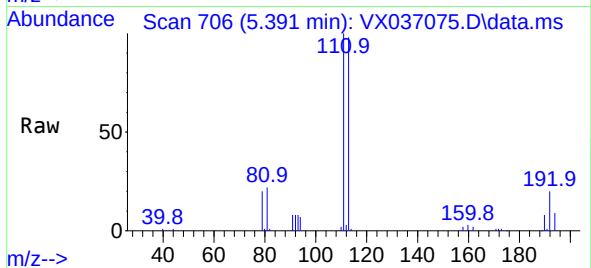
Tgt Ion: 114 Resp: 233138
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 45.0
 88 16.5 0.0 36.6



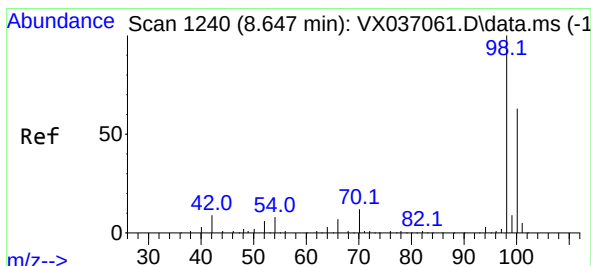
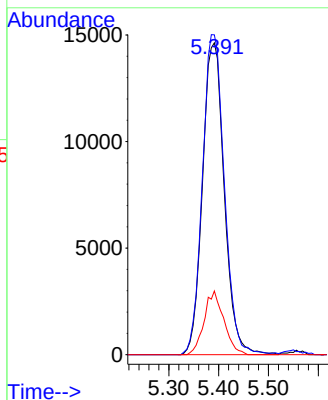
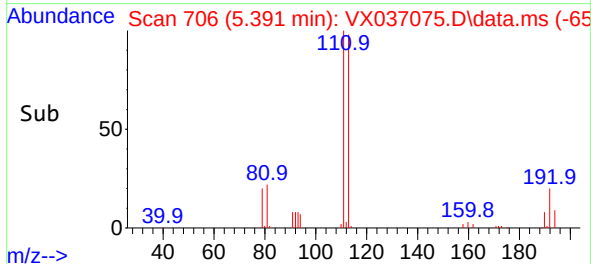


#35
Dibromofluoromethane
Concen: 28.706 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037075.D
Acq: 18 Aug 2023 11:31

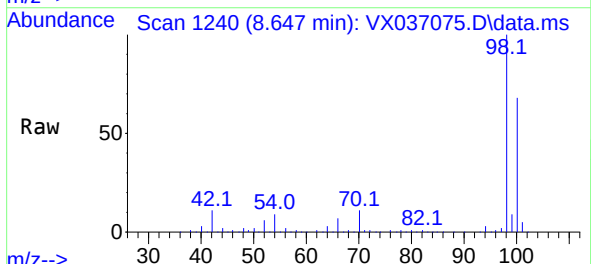
Instrument :
MSVOA_X
ClientSampleId :
CONC-COMP



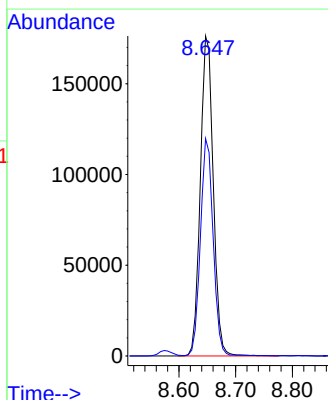
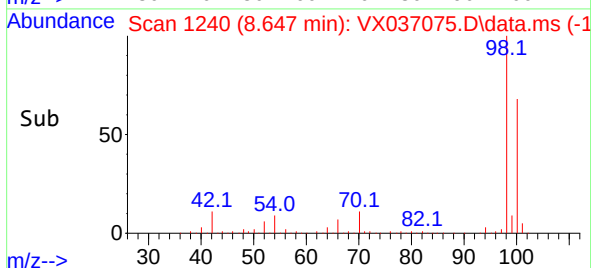
Tgt Ion:113 Resp: 44323
Ion Ratio Lower Upper
113 100
111 103.7 82.9 124.3
192 18.5 13.3 19.9

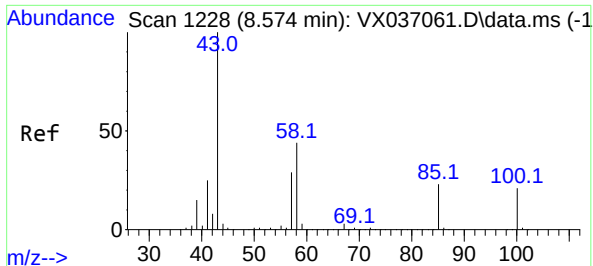


#50
Toluene-d8
Concen: 49.866 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037075.D
Acq: 18 Aug 2023 11:31



Tgt Ion: 98 Resp: 279285
Ion Ratio Lower Upper
98 100
100 67.0 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 11.884 ug/l

RT: 8.574 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX037075.D

Acq: 18 Aug 2023 11:31

Instrument :

MSVOA_X

ClientSampleId :

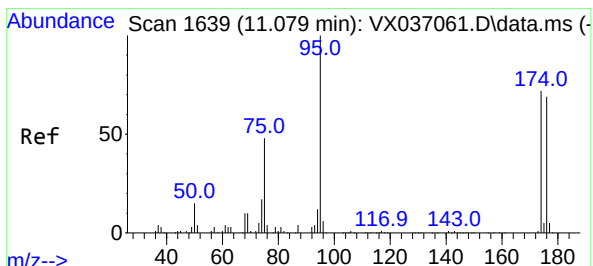
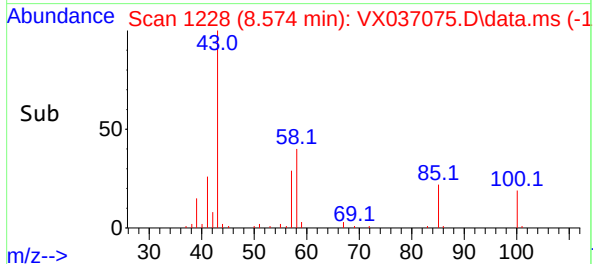
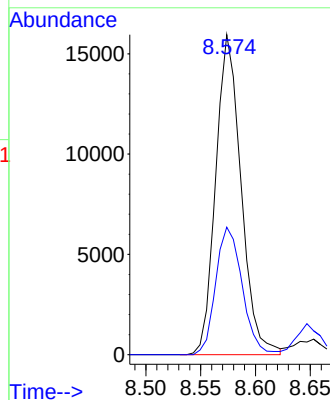
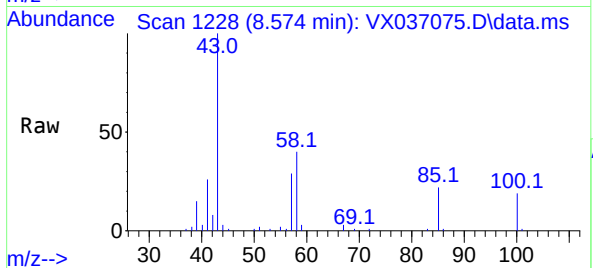
CONC-COMP

Tgt Ion: 43 Resp: 25673

Ion Ratio Lower Upper

43 100

58 41.6 30.4 45.6



#62

4-Bromofluorobenzene

Concen: 51.058 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX037075.D

Acq: 18 Aug 2023 11:31

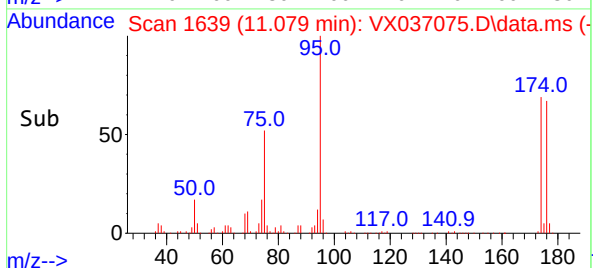
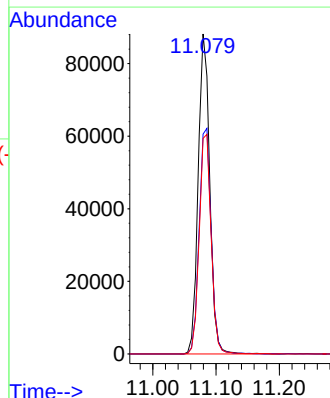
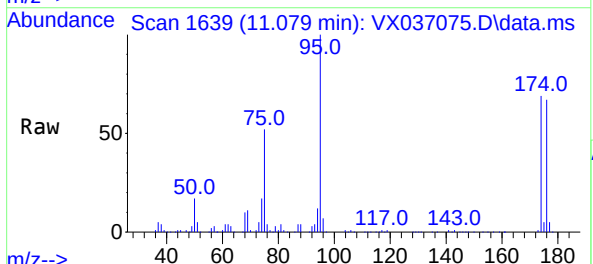
Tgt Ion: 95 Resp: 112380

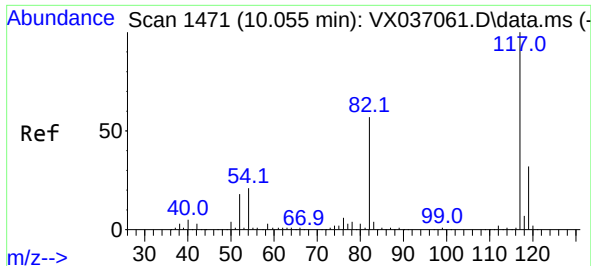
Ion Ratio Lower Upper

95 100

174 73.3 0.0 135.6

176 70.6 0.0 131.0

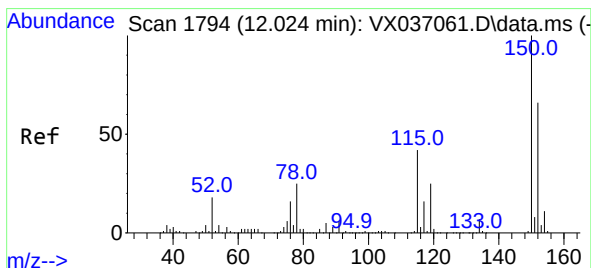
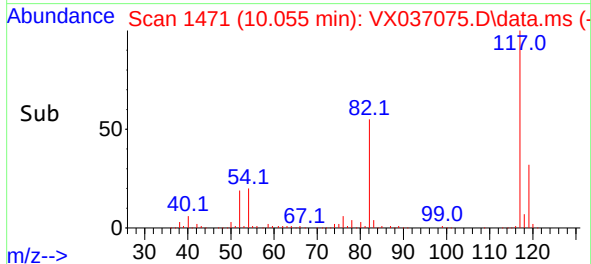
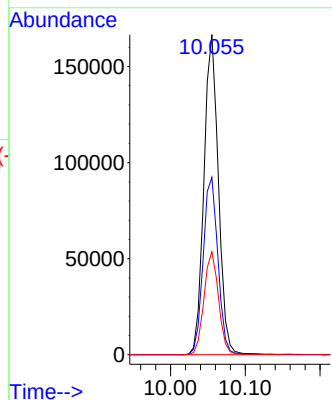
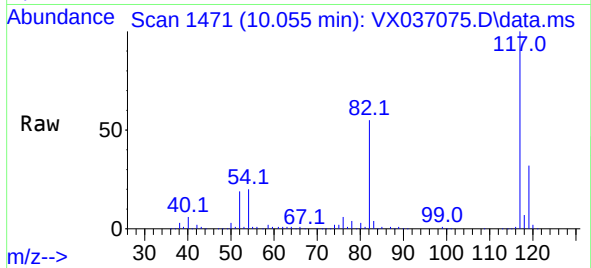




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037075.D
Acq: 18 Aug 2023 11:31

Instrument :
MSVOA_X
ClientSampleId :
CONC-COMP

Tgt Ion:117 Resp: 224015
Ion Ratio Lower Upper
117 100
82 55.4 46.2 69.4
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037075.D
Acq: 18 Aug 2023 11:31

Tgt Ion:152 Resp: 99081
Ion Ratio Lower Upper
152 100
115 64.1 43.3 129.9
150 158.7 0.0 345.0

