

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092823\
 Data File : VX037959.D
 Acq On : 28 Sep 2023 18:54
 Operator : JC/MD
 Sample : 04667-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FRAC-TANK-A2970

Quant Time: Sep 29 05:50:07 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)

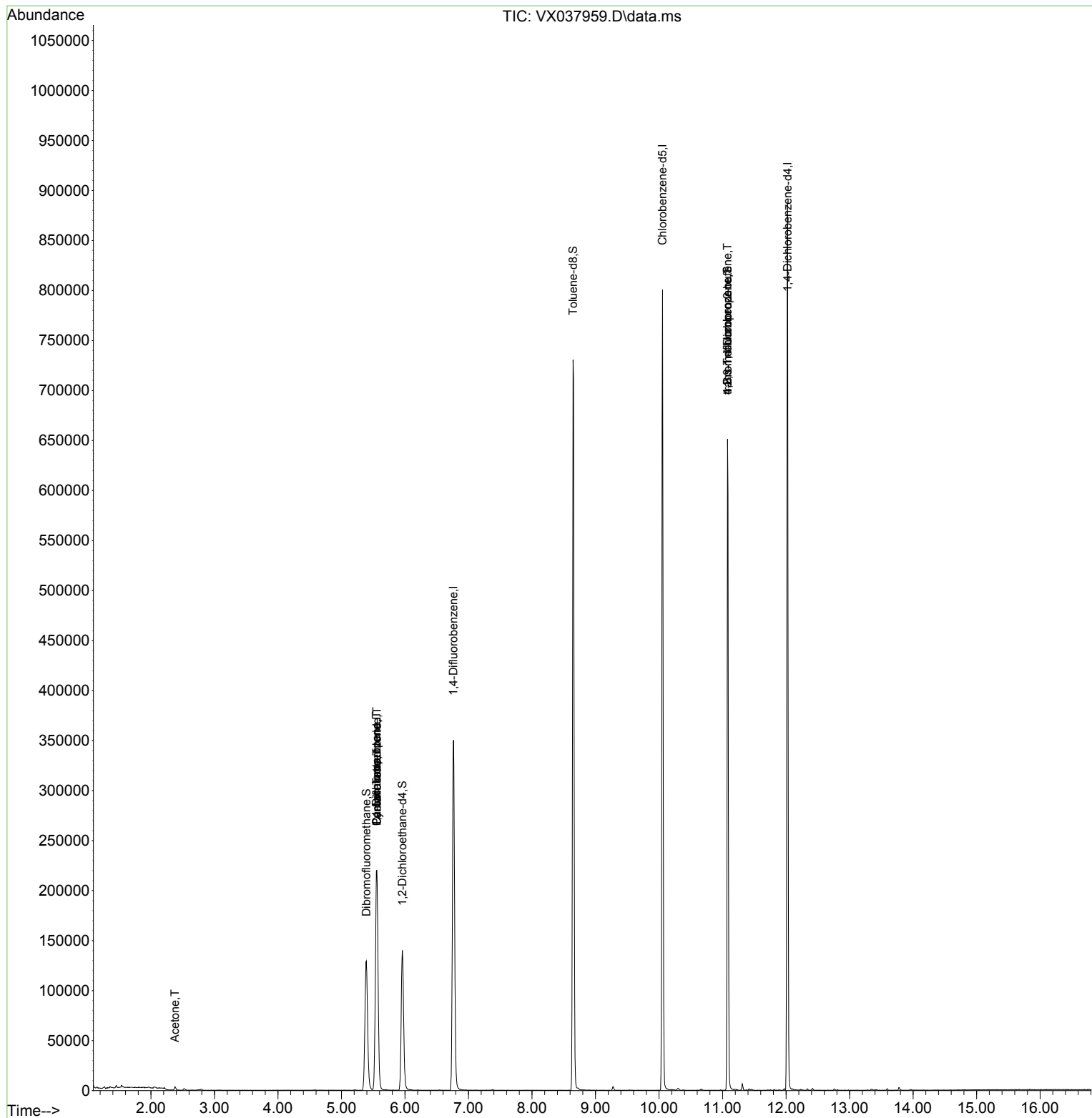
Internal Standards						
1) Pentafluorobenzene	5.556	168	217719	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	370803	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	362928	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	189506	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	134546	47.036	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	94.080%	
35) Dibromofluoromethane	5.391	113	115744	46.651	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	93.300%	
50) Toluene-d8	8.646	98	452767	49.114	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	98.220%	
62) 4-Bromofluorobenzene	11.079	95	171728	51.264	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	102.520%	
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	3566	2.591	ug/l	98
31) Cyclohexane	5.556	56	4349	1.185	ug/l	# 4
36) 1,1-Dichloropropene	5.549	75	16389	4.795	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	22027	6.160	ug/l	# 16
76) 1,2,3-Trichloropropane	11.079	75	87366	19.933	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	87366	63.851	ug/l	# 5

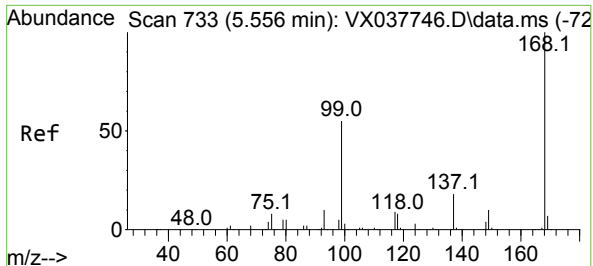
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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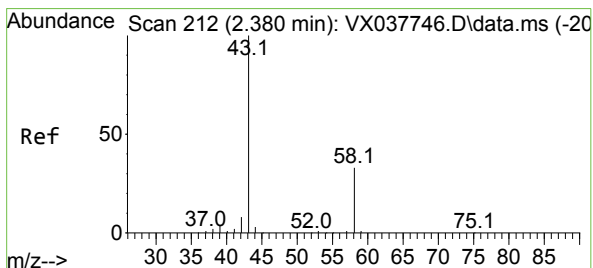
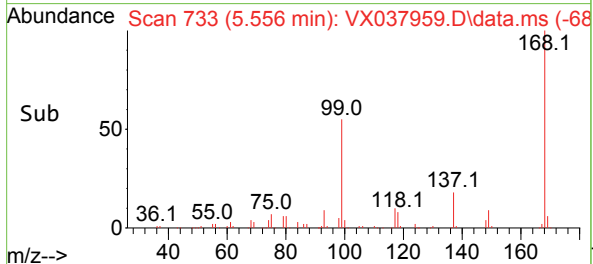
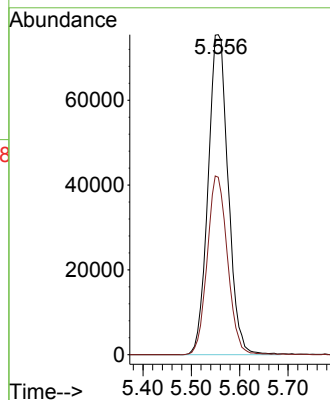
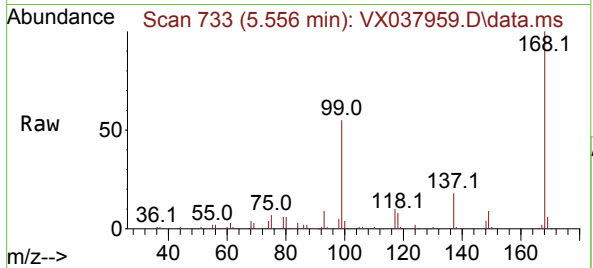




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037959.D
Acq: 28 Sep 2023 18:54

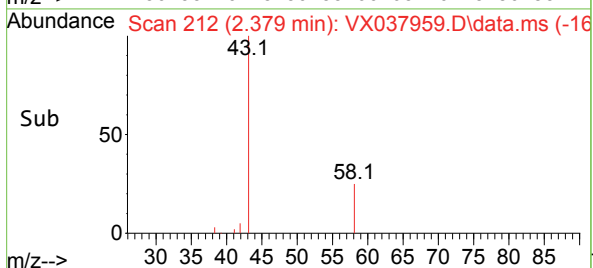
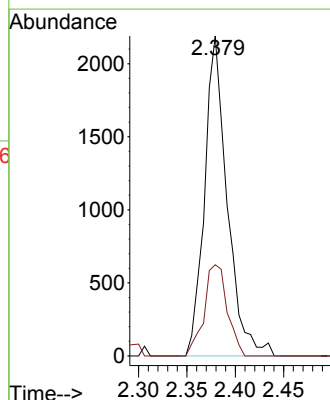
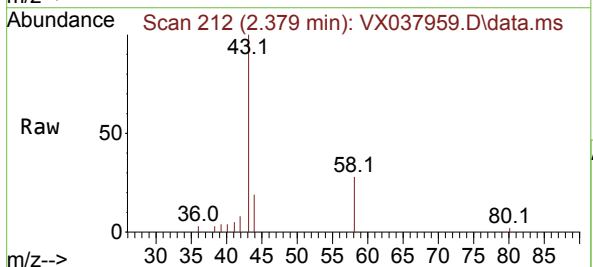
Instrument :
MSVOA_X
ClientSampleId :
FRAC-TANK-A2970

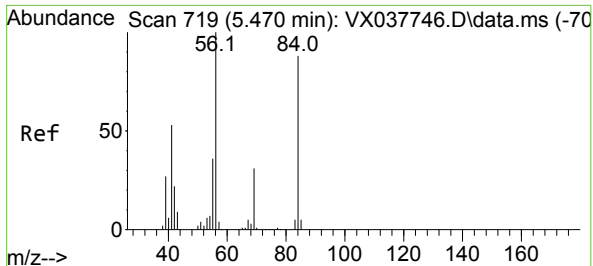
Tgt Ion:168 Resp: 217719
Ion Ratio Lower Upper
168 100
99 55.5 56.6 85.0#



#16
Acetone
Concen: 2.591 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037959.D
Acq: 28 Sep 2023 18:54

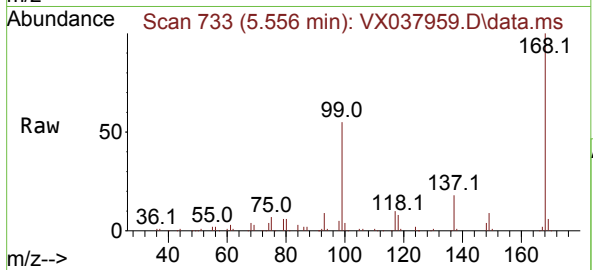
Tgt Ion: 43 Resp: 3566
Ion Ratio Lower Upper
43 100
58 28.5 21.9 32.9



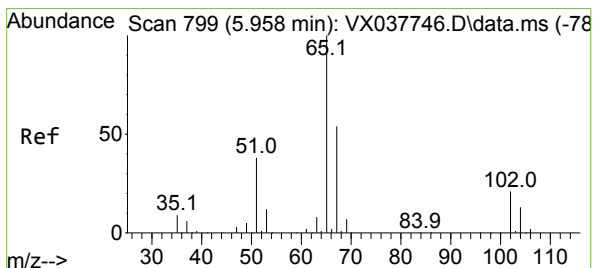
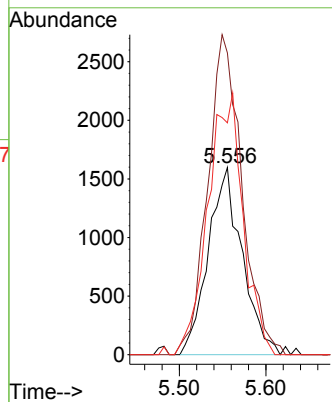
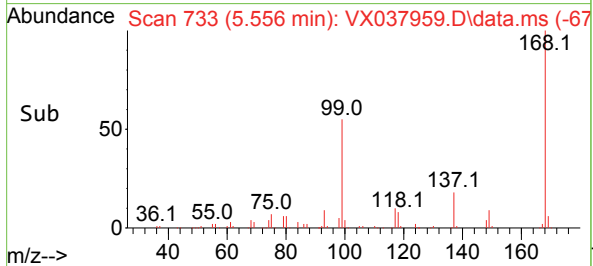


#31
Cyclohexane
Concen: 1.185 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX037959.D
Acq: 28 Sep 2023 18:54

Instrument :
MSVOA_X
ClientSampleId :
FRAC-TANK-A2970

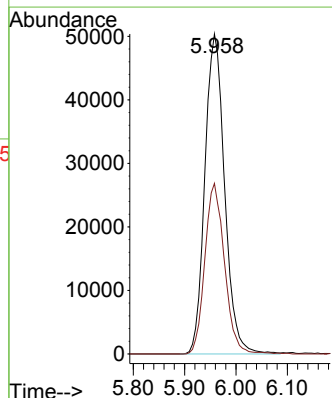
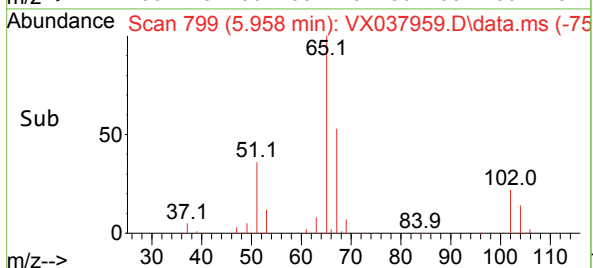
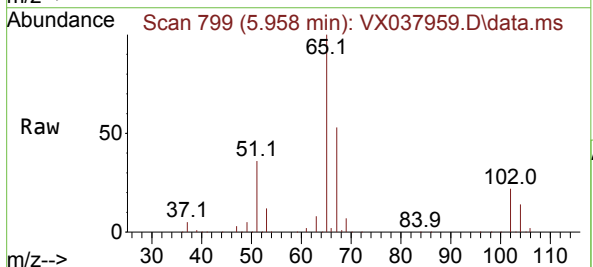


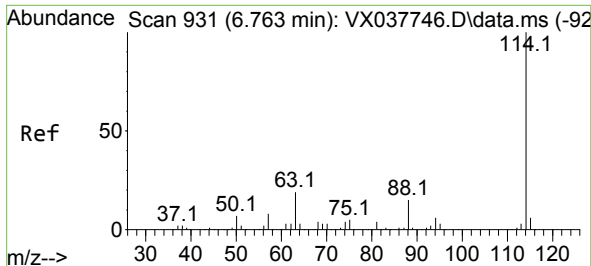
Tgt Ion: 56 Resp: 4349
Ion Ratio Lower Upper
56 100
69 156.4 23.4 35.2#
84 123.9 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.036 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX037959.D
Acq: 28 Sep 2023 18:54

Tgt Ion: 65 Resp: 134546
Ion Ratio Lower Upper
65 100
67 53.1 0.0 100.2

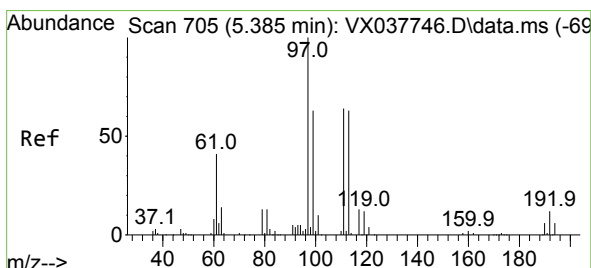
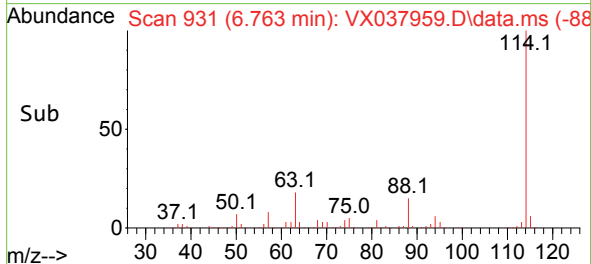
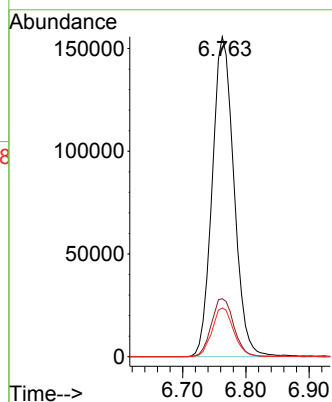
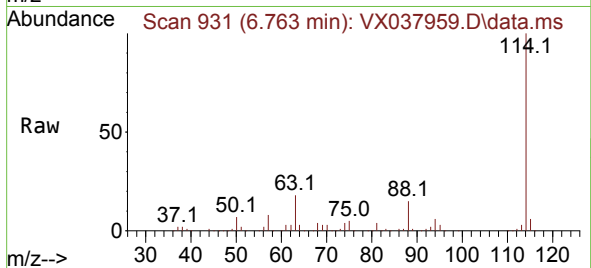




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037959.D
Acq: 28 Sep 2023 18:54

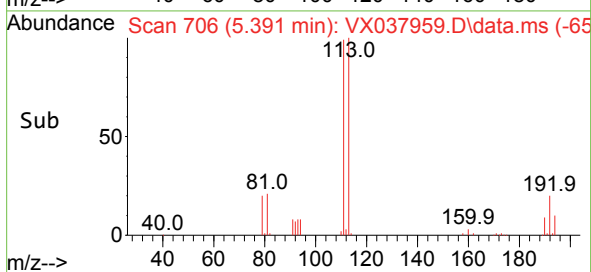
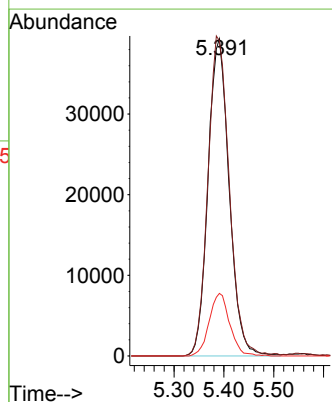
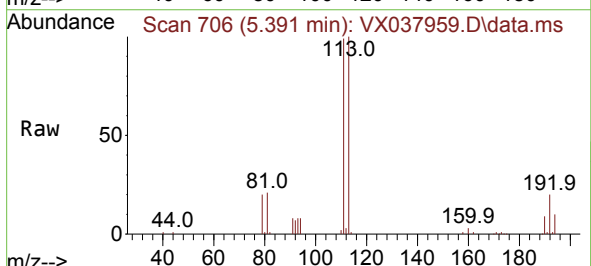
Instrument :
MSVOA_X
ClientSampleId :
FRAC-TANK-A2970

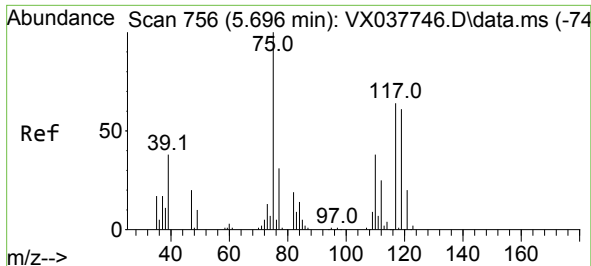
Tgt Ion:114 Resp: 370803
Ion Ratio Lower Upper
114 100
63 18.1 0.0 45.0
88 15.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.651 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037959.D
Acq: 28 Sep 2023 18:54

Tgt Ion:113 Resp: 115744
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 19.2 13.3 19.9

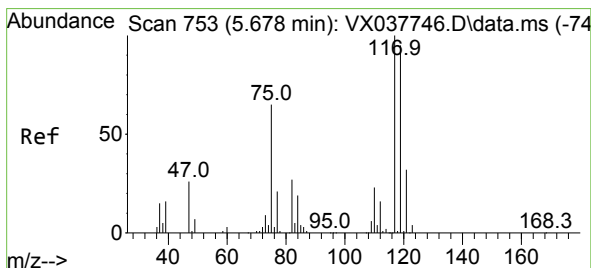
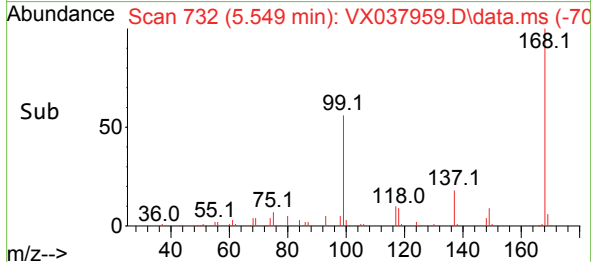
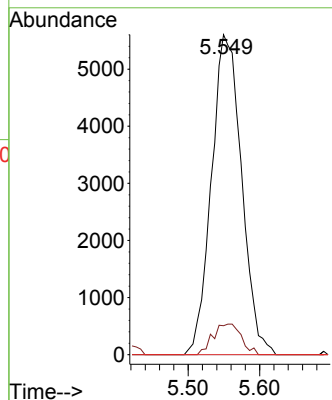
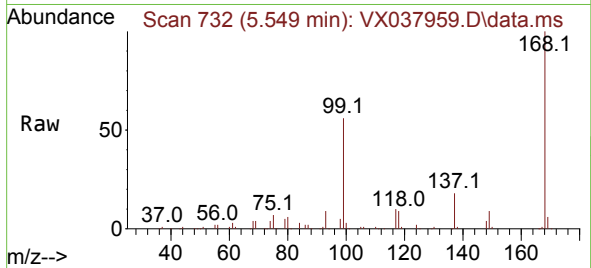




#36
1,1-Dichloropropene
Concen: 4.795 ug/l
RT: 5.549 min Scan# 711
Delta R.T. -0.147 min
Lab File: VX037959.D
Acq: 28 Sep 2023 18:54

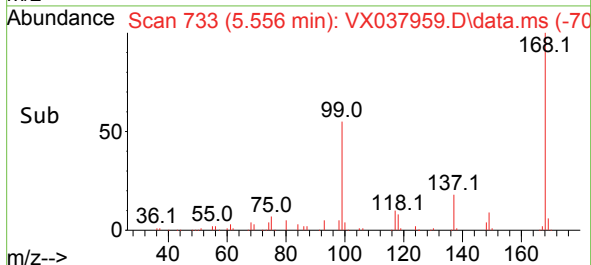
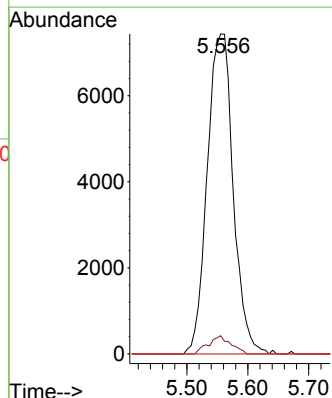
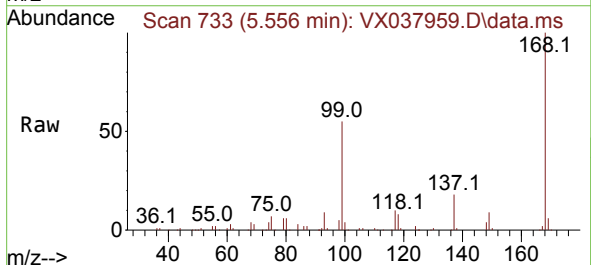
Instrument :
MSVOA_X
ClientSampleId :
FRAC-TANK-A2970

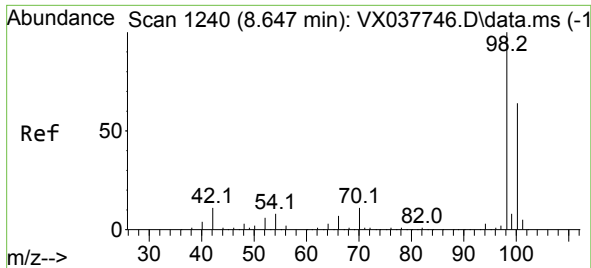
Tgt Ion: 75 Resp: 16389
Ion Ratio Lower Upper
75 100
110 9.1 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.160 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX037959.D
Acq: 28 Sep 2023 18:54

Tgt Ion: 117 Resp: 22027
Ion Ratio Lower Upper
117 100
119 5.7 78.2 117.2#
121 0.0 24.4 36.6#

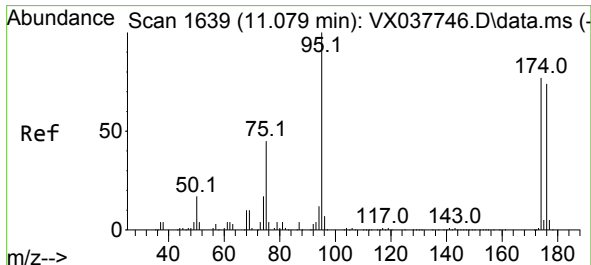
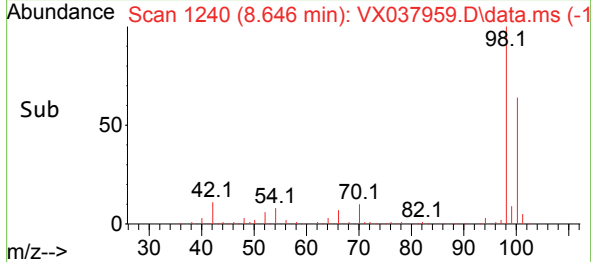
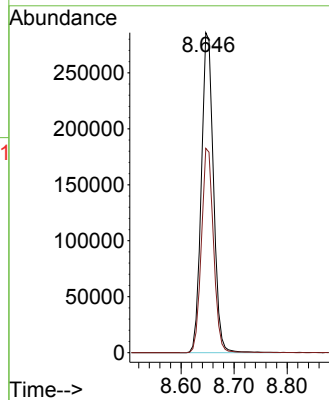
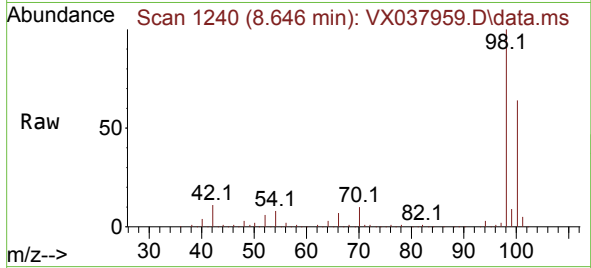




#50
Toluene-d8
Concen: 49.114 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037959.D
Acq: 28 Sep 2023 18:54

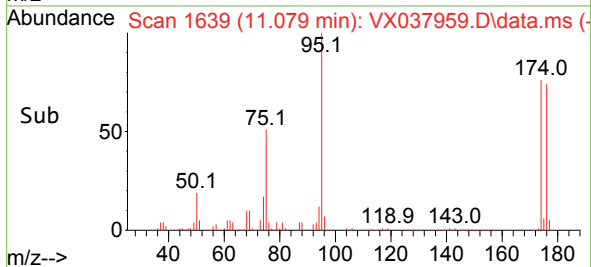
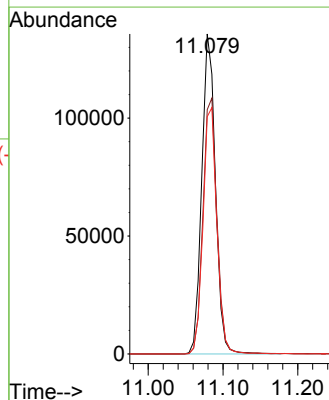
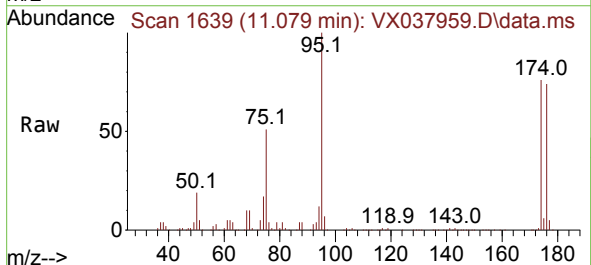
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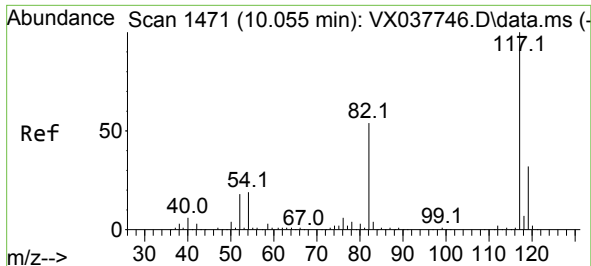
Tgt Ion: 98 Resp: 452767
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 51.264 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037959.D
Acq: 28 Sep 2023 18:54

Tgt Ion: 95 Resp: 171728
Ion Ratio Lower Upper
95 100
174 82.4 0.0 135.6
176 78.7 0.0 131.0

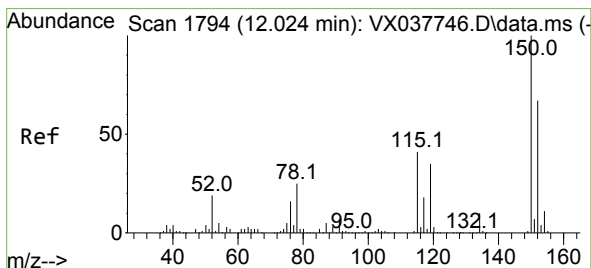
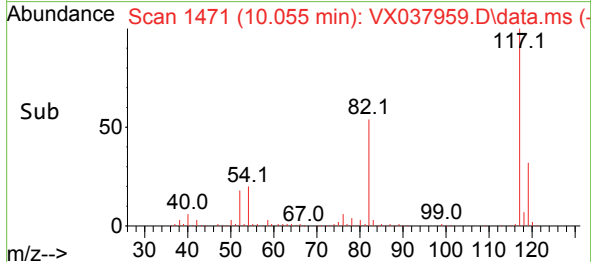
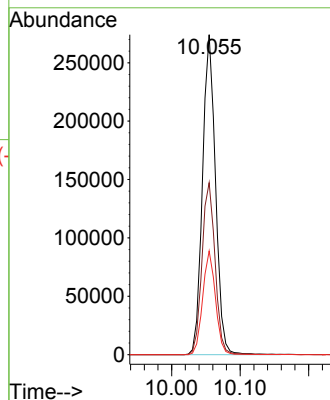
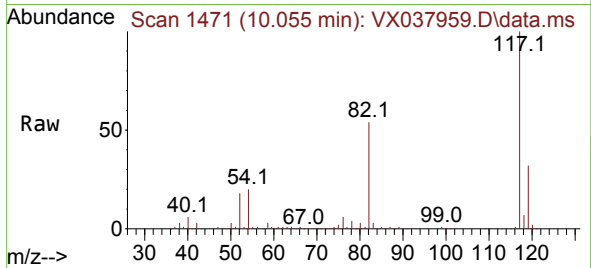




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037959.D
Acq: 28 Sep 2023 18:54

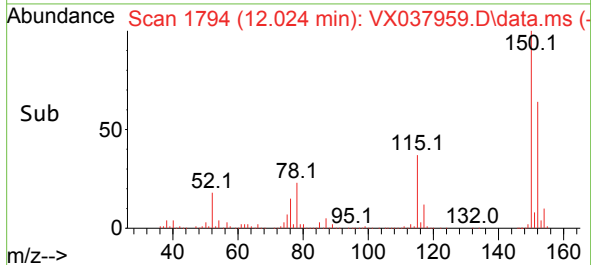
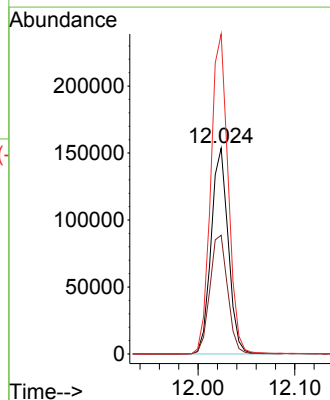
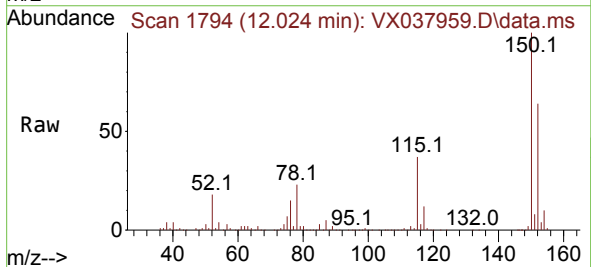
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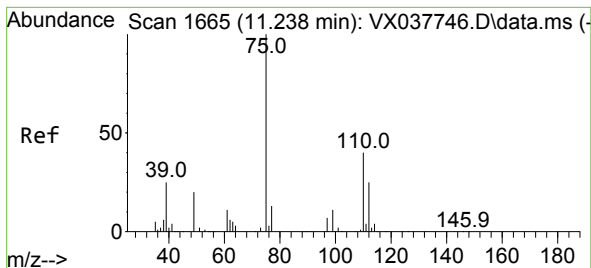
Tgt Ion:117 Resp: 362928
Ion Ratio Lower Upper
117 100
82 53.8 46.2 69.4
119 32.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037959.D
Acq: 28 Sep 2023 18:54

Tgt Ion:152 Resp: 189506
Ion Ratio Lower Upper
152 100
115 60.0 43.3 129.9
150 158.2 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 19.933 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX037959.D

Acq: 28 Sep 2023 18:54

Instrument :

MSVOA_X

ClientSampleId :

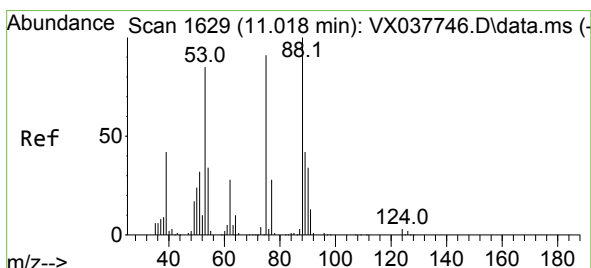
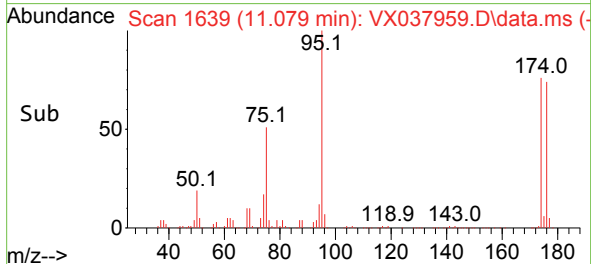
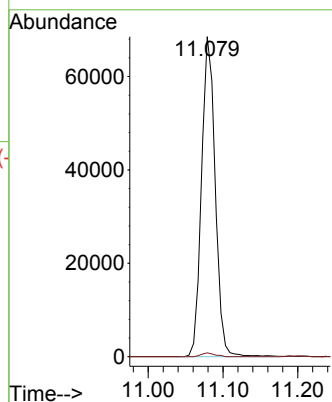
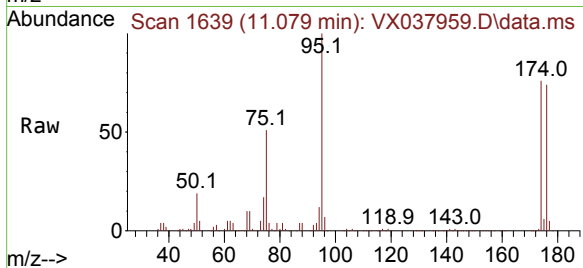
FRAC-TANK-A2970

Tgt Ion: 75 Resp: 87366

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 63.851 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037959.D

Acq: 28 Sep 2023 18:54

Tgt Ion: 75 Resp: 87366

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

