

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092123\
 Data File : VX037856.D
 Acq On : 21 Sep 2023 15:36
 Operator : JC/MD
 Sample : 04540-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 22 04:45:31 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)

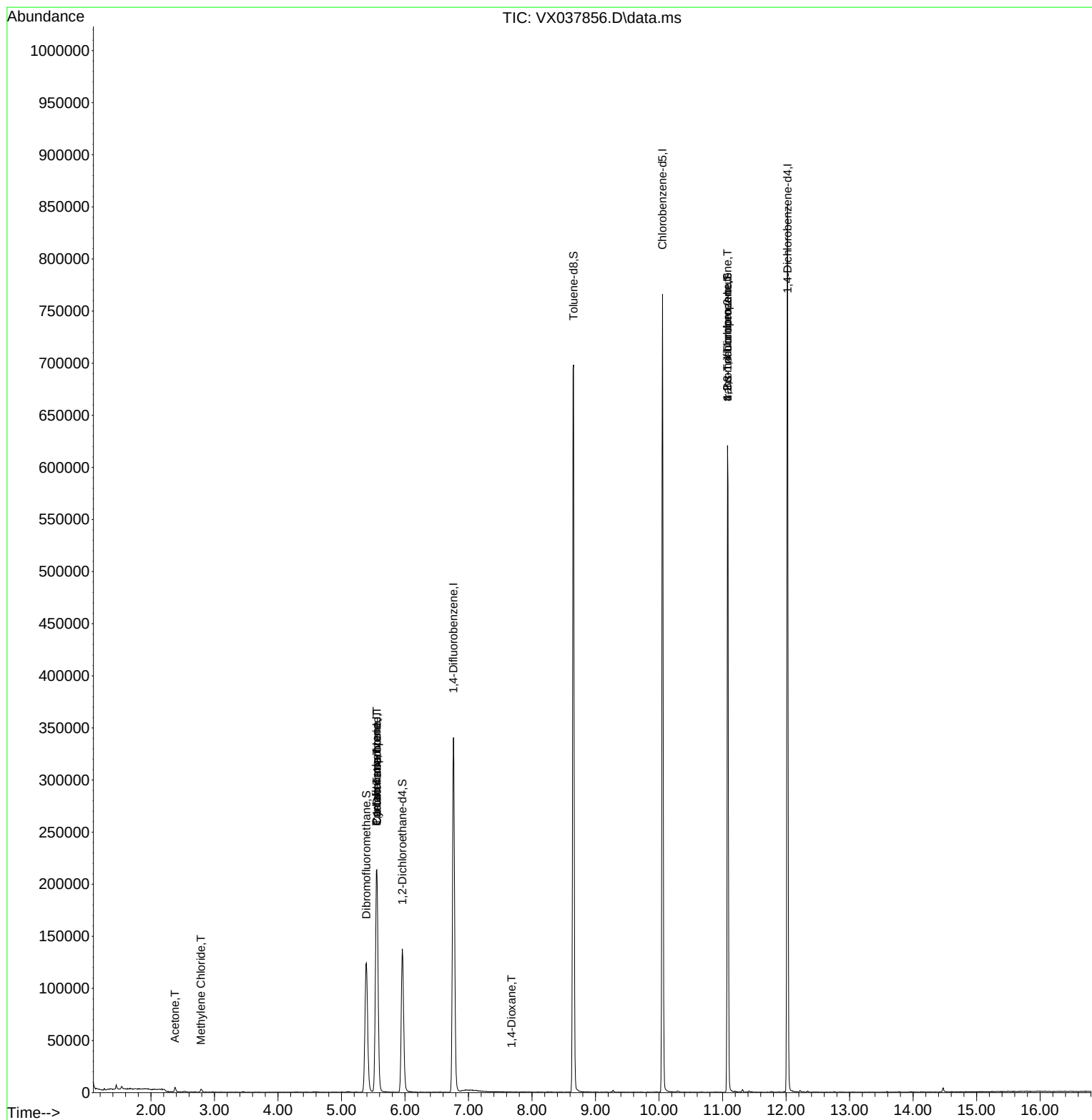
Internal Standards						
1) Pentafluorobenzene	5.550	168	209506	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	354569	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	343148	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	181151	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	131613	47.814	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.620%
35) Dibromofluoromethane	5.391	113	111323	46.923	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.840%
50) Toluene-d8	8.653	98	432273	49.038	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.080%
62) 4-Bromofluorobenzene	11.079	95	161854	50.528	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.060%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	4780	3.610	ug/l #	76
20) Methylene Chloride	2.788	84	1337	0.521	ug/l	93
31) Cyclohexane	5.556	56	4451	1.260	ug/l #	6
36) 1,1-Dichloropropene	5.556	75	16098	4.926	ug/l #	52
38) Carbon Tetrachloride	5.556	117	21263	6.218	ug/l #	15
49) 1,4-Dioxane	7.677	88	136	1.889	ug/l #	12
76) 1,2,3-Trichloropropane	11.079	75	82780	19.757	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	82780	63.290	ug/l #	5

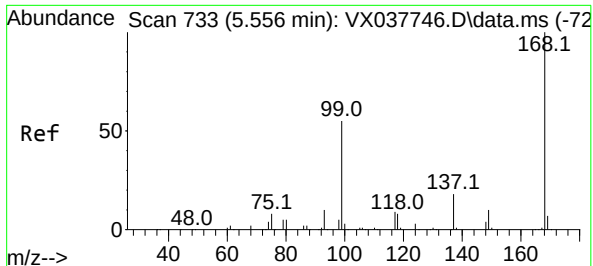
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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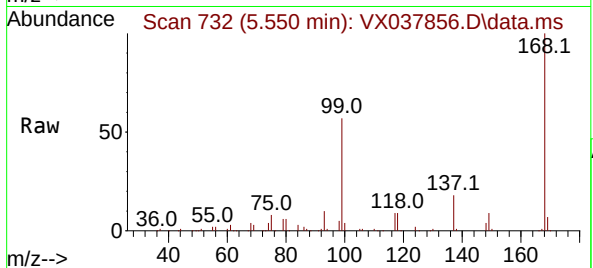
Quant Time: Sep 22 04:45:31 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 16 04:55:44 2023
Response via : Initial Calibration



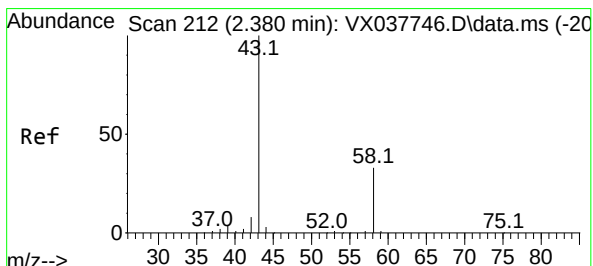
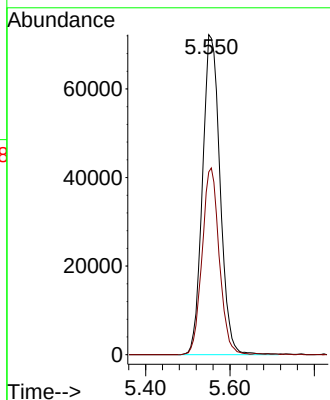
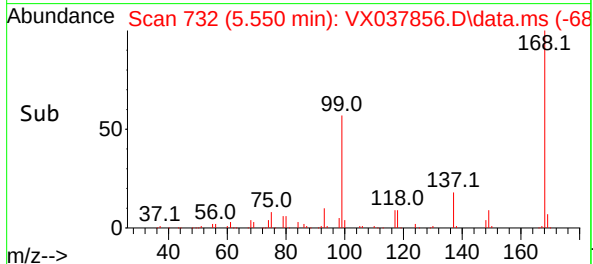


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037856.D
Acq: 21 Sep 2023 15:36

Instrument :
MSVOA_X
ClientSampleId :

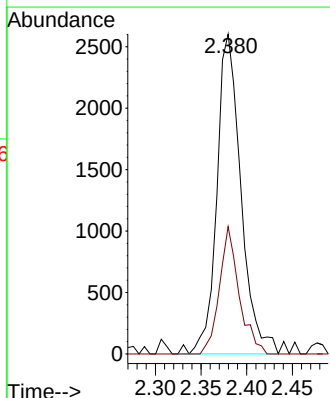
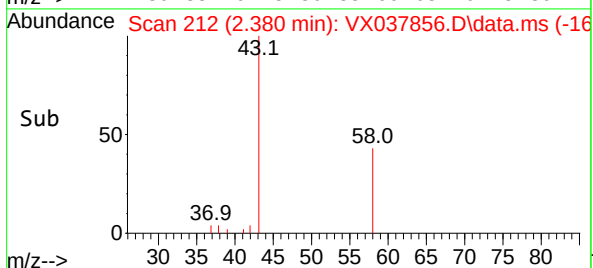
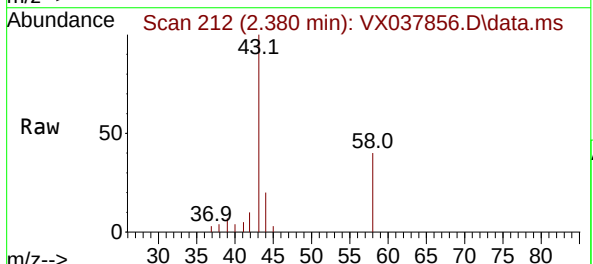


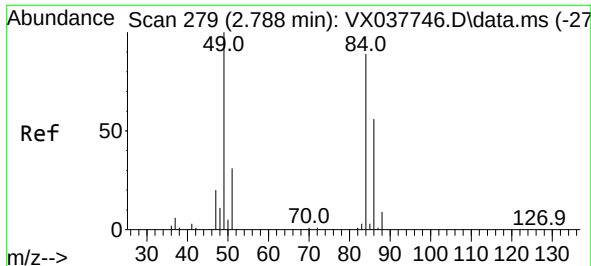
Tgt Ion:168 Resp: 209506
Ion Ratio Lower Upper
168 100
99 57.1 56.6 85.0



#16
Acetone
Concen: 3.610 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037856.D
Acq: 21 Sep 2023 15:36

Tgt Ion: 43 Resp: 4780
Ion Ratio Lower Upper
43 100
58 39.8 21.9 32.9#





#20

Methylene Chloride

Concen: 0.521 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

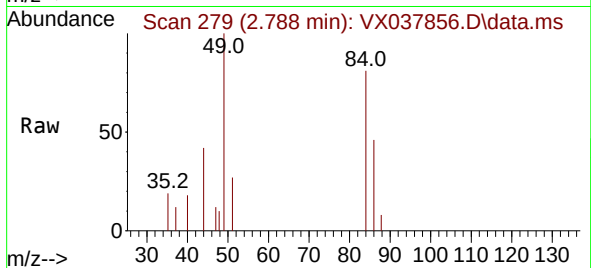
Lab File: VX037856.D

Acq: 21 Sep 2023 15:36

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 1337

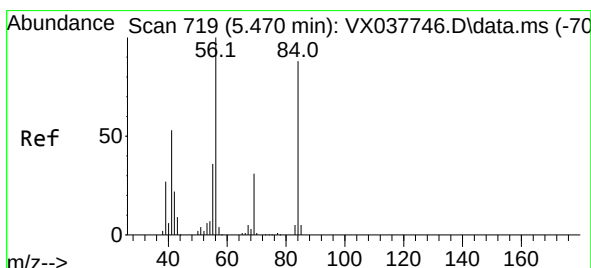
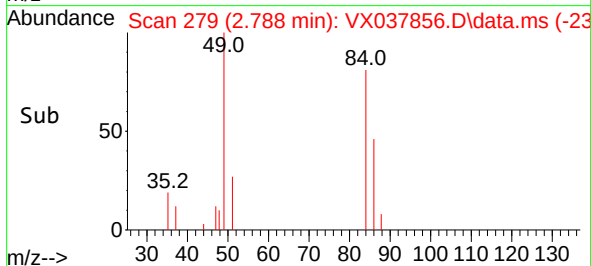
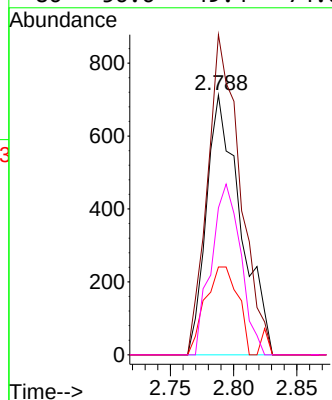
Ion Ratio Lower Upper

84 100

49 123.3 103.6 155.4

51 33.8 33.8 50.6

86 56.6 49.4 74.0



#31

Cyclohexane

Concen: 1.260 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX037856.D

Acq: 21 Sep 2023 15:36

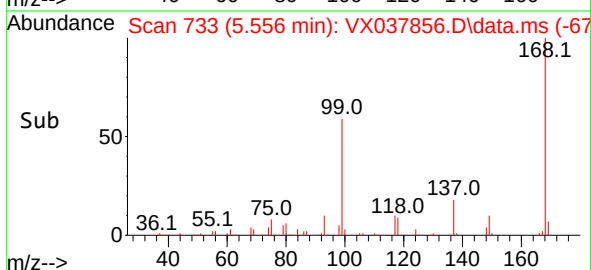
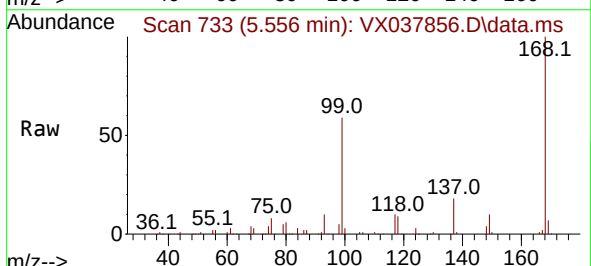
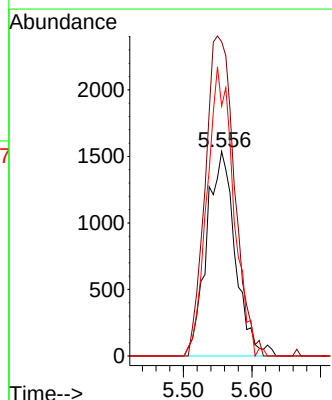
Tgt Ion: 56 Resp: 4451

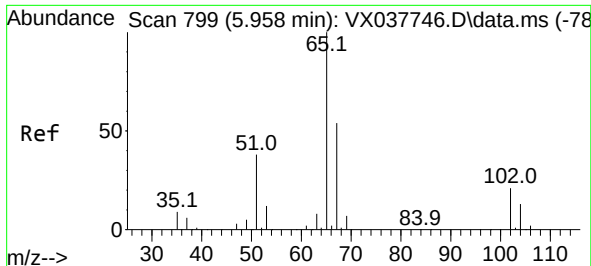
Ion Ratio Lower Upper

56 100

69 153.7 23.4 35.2#

84 122.2 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 47.814 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037856.D

Acq: 21 Sep 2023 15:36

Instrument :

MSVOA_X

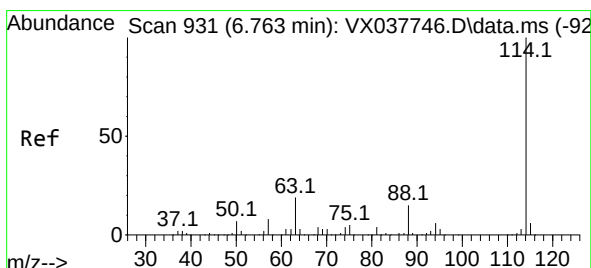
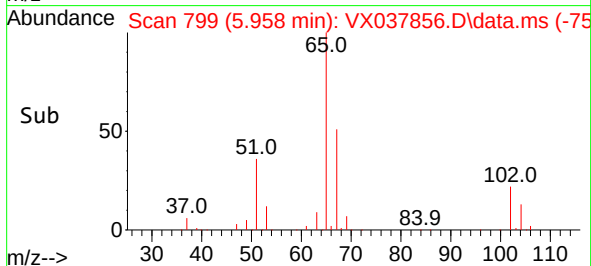
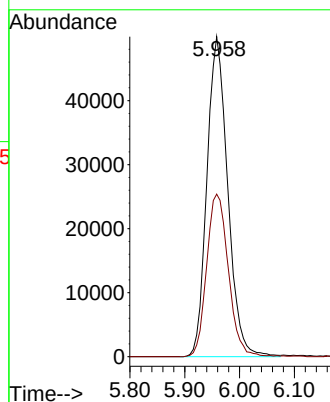
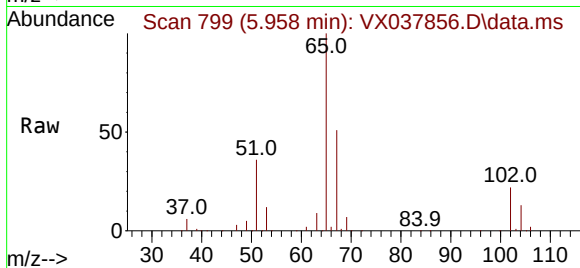
ClientSampleId :

Tgt Ion: 65 Resp: 131613

Ion Ratio Lower Upper

65 100

67 52.9 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: VX037856.D

Acq: 21 Sep 2023 15:36

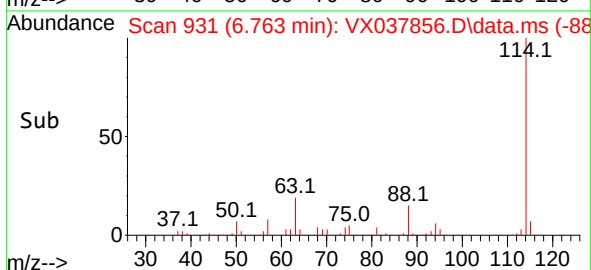
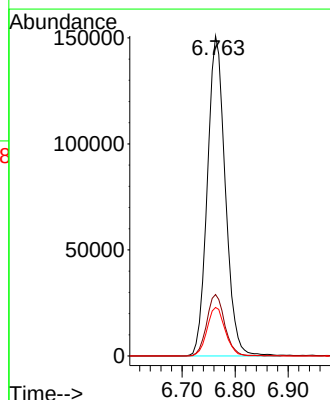
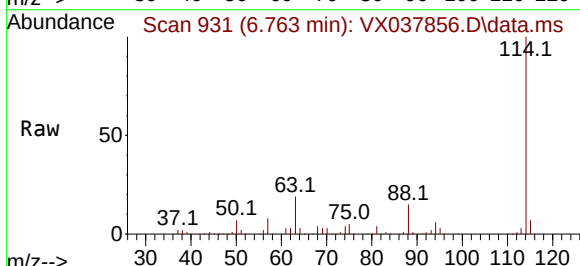
Tgt Ion: 114 Resp: 354569

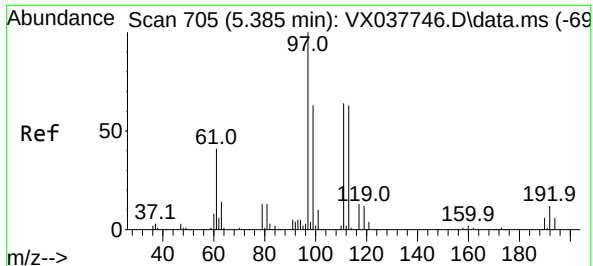
Ion Ratio Lower Upper

114 100

63 19.2 0.0 45.0

88 15.2 0.0 36.6

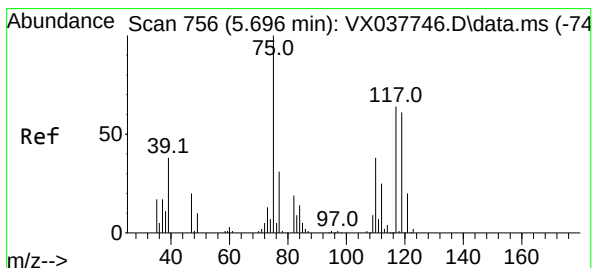
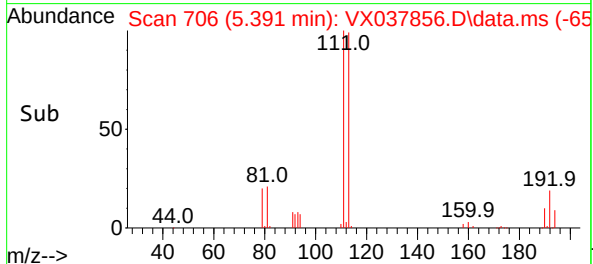
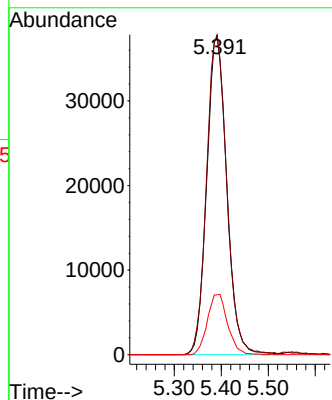
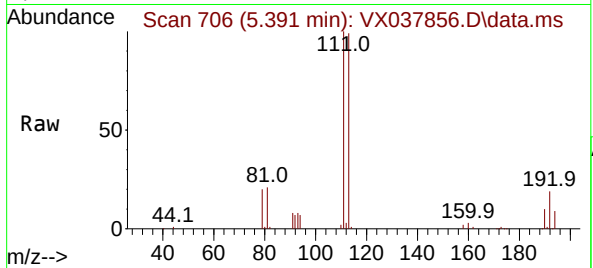




#35
Dibromofluoromethane
Concen: 46.923 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037856.D
Acq: 21 Sep 2023 15:36

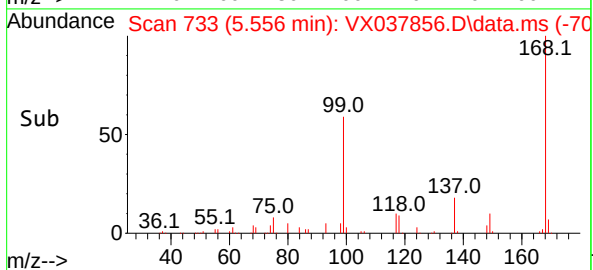
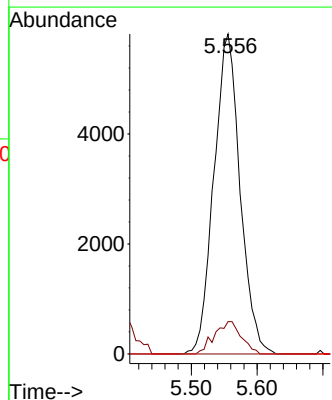
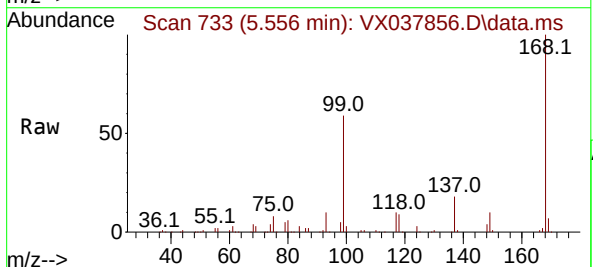
Instrument :
MSVOA_X
ClientSampleId :

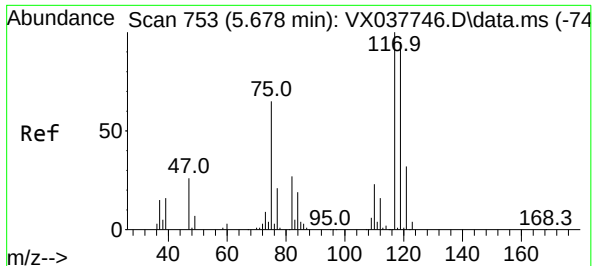
Tgt Ion:113 Resp: 111323
Ion Ratio Lower Upper
113 100
111 101.2 82.9 124.3
192 19.1 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.926 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX037856.D
Acq: 21 Sep 2023 15:36

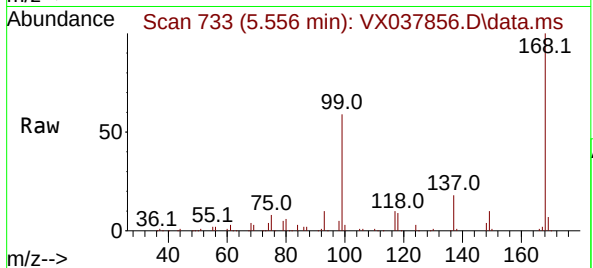
Tgt Ion: 75 Resp: 16098
Ion Ratio Lower Upper
75 100
110 10.4 17.0 50.9#
77 0.0 24.7 37.1#



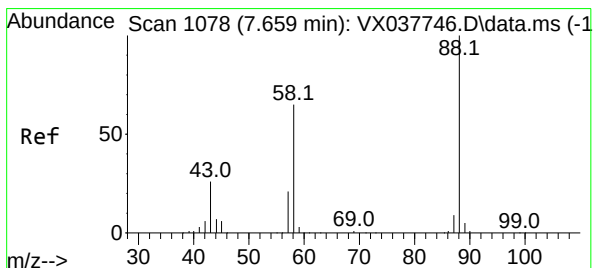
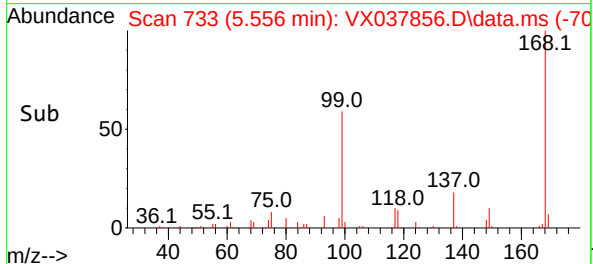
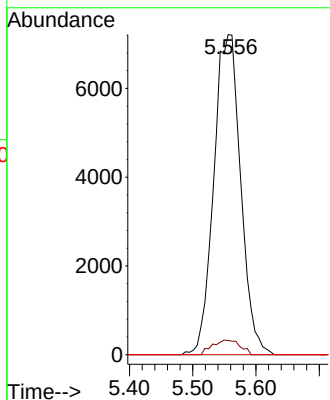


#38
Carbon Tetrachloride
Concen: 6.218 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037856.D
Acq: 21 Sep 2023 15:36

Instrument :
MSVOA_X
ClientSampleId :

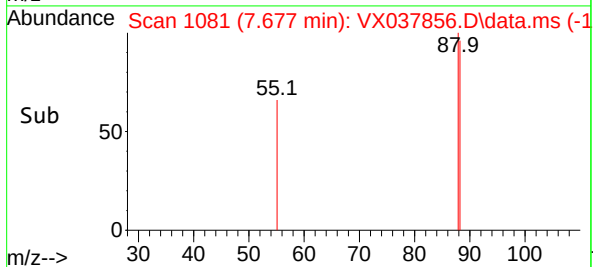
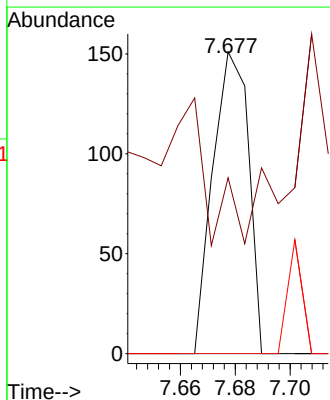
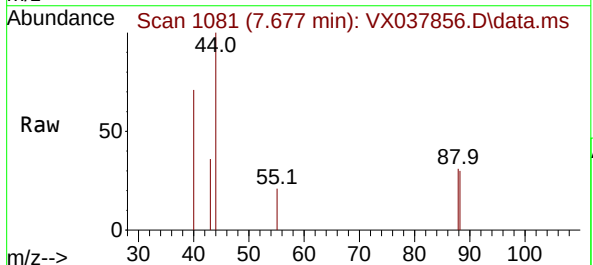


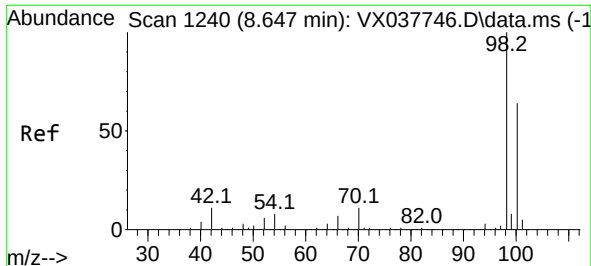
Tgt Ion:117 Resp: 21263
Ion Ratio Lower Upper
117 100
119 4.5 78.2 117.2#
121 0.0 24.4 36.6#



#49
1,4-Dioxane
Concen: 1.889 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. 0.006 min
Lab File: VX037856.D
Acq: 21 Sep 2023 15:36

Tgt Ion: 88 Resp: 136
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 60.1 90.1#

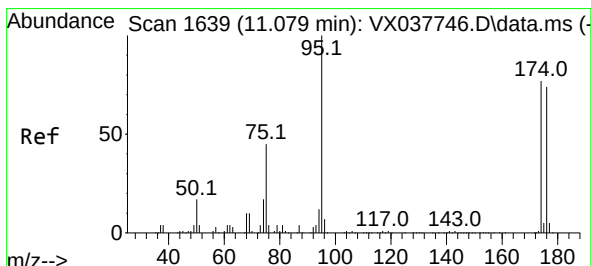
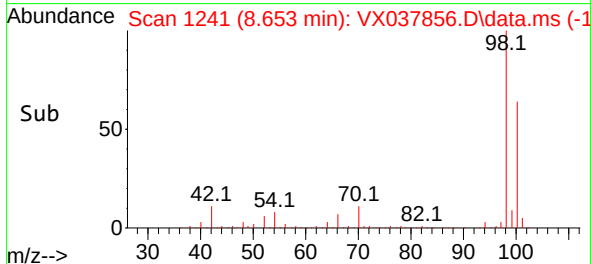
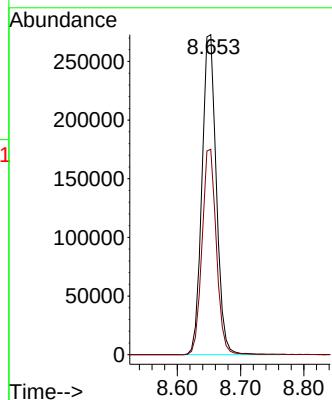
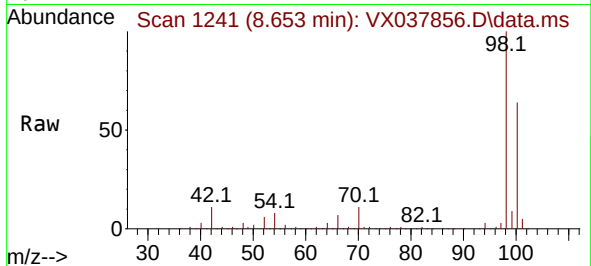




#50
Toluene-d8
Concen: 49.038 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037856.D
Acq: 21 Sep 2023 15:36

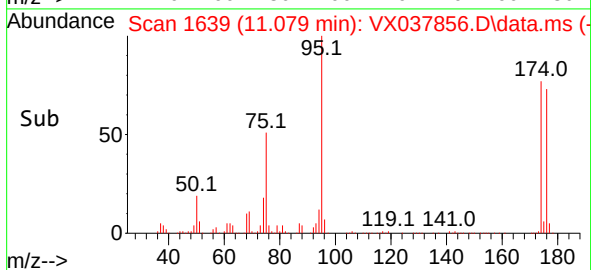
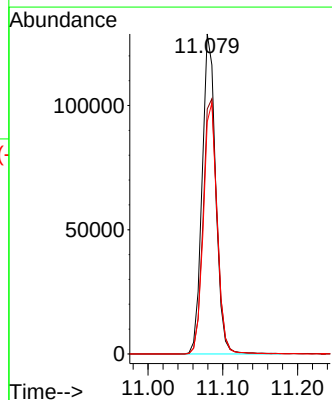
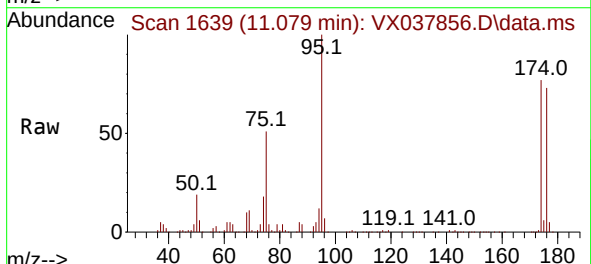
Instrument :
MSVOA_X
ClientSampleId :

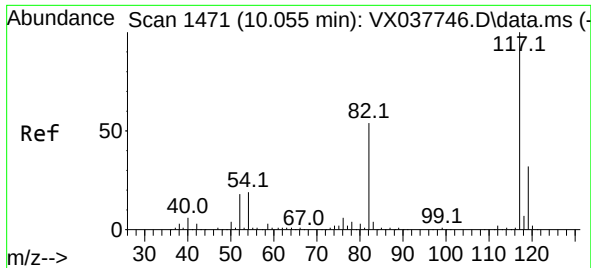
Tgt Ion: 98 Resp: 432273
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 50.528 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037856.D
Acq: 21 Sep 2023 15:36

Tgt Ion: 95 Resp: 161854
Ion Ratio Lower Upper
95 100
174 83.1 0.0 135.6
176 79.7 0.0 131.0

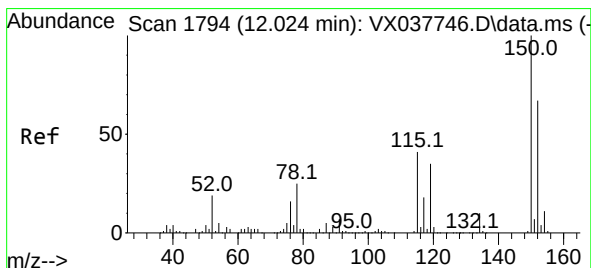
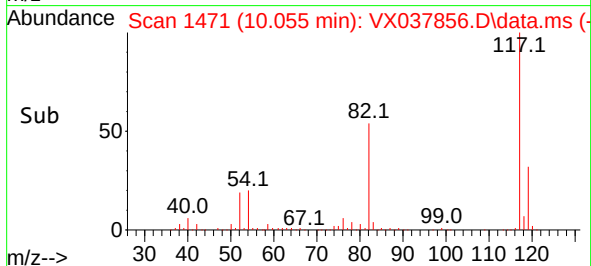
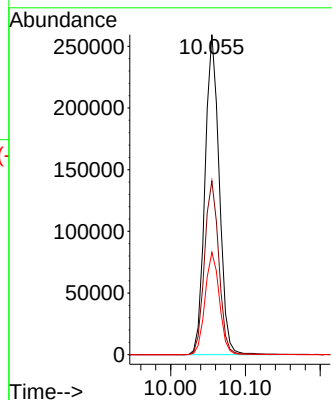
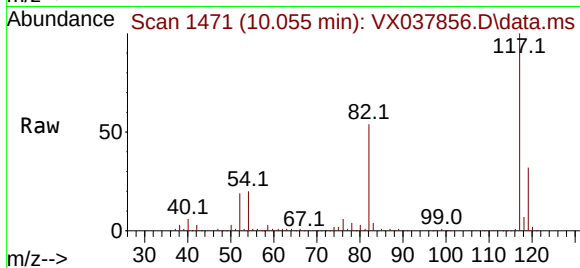




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037856.D
Acq: 21 Sep 2023 15:36

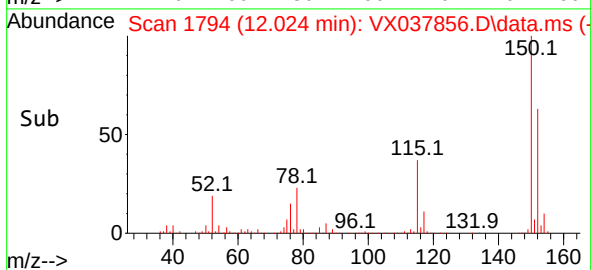
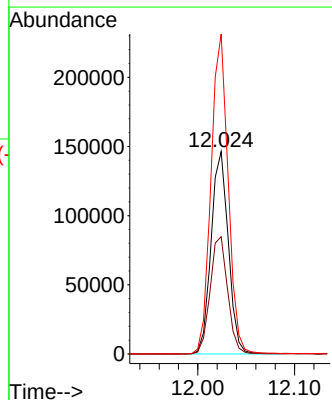
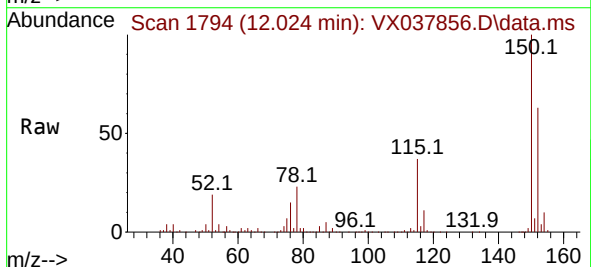
Instrument :
MSVOA_X
ClientSampleId :

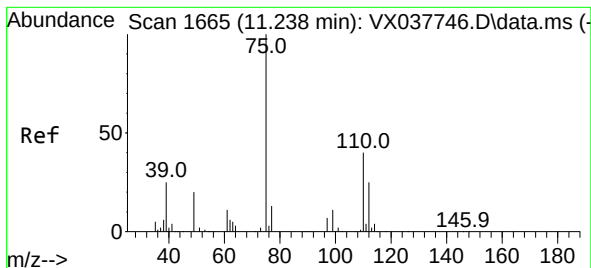
Tgt Ion:117 Resp: 343148
Ion Ratio Lower Upper
117 100
82 54.3 46.2 69.4
119 32.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037856.D
Acq: 21 Sep 2023 15:36

Tgt Ion:152 Resp: 181151
Ion Ratio Lower Upper
152 100
115 59.0 43.3 129.9
150 157.6 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 19.757 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX037856.D

Acq: 21 Sep 2023 15:36

Instrument :

MSVOA_X

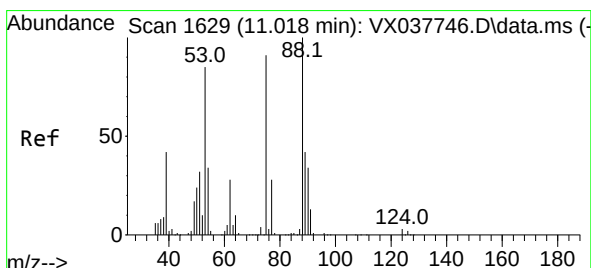
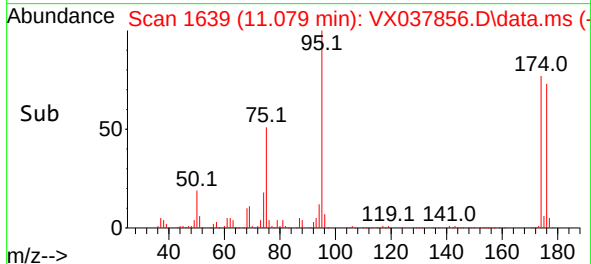
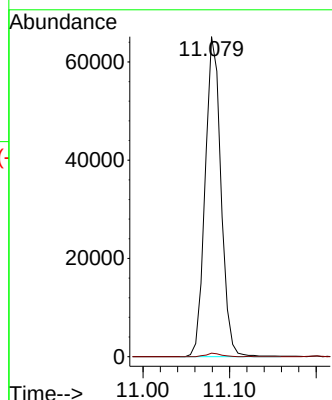
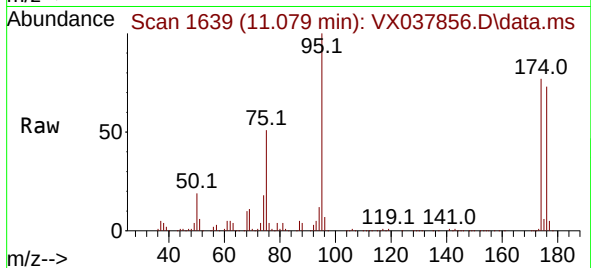
ClientSampleId :

Tgt Ion: 75 Resp: 82780

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 63.290 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037856.D

Acq: 21 Sep 2023 15:36

Tgt Ion: 75 Resp: 82780

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

