

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092123\
 Data File : VX037850.D
 Acq On : 21 Sep 2023 13:17
 Operator : JC/MD
 Sample : 04540-02 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 22 04:42:57 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)

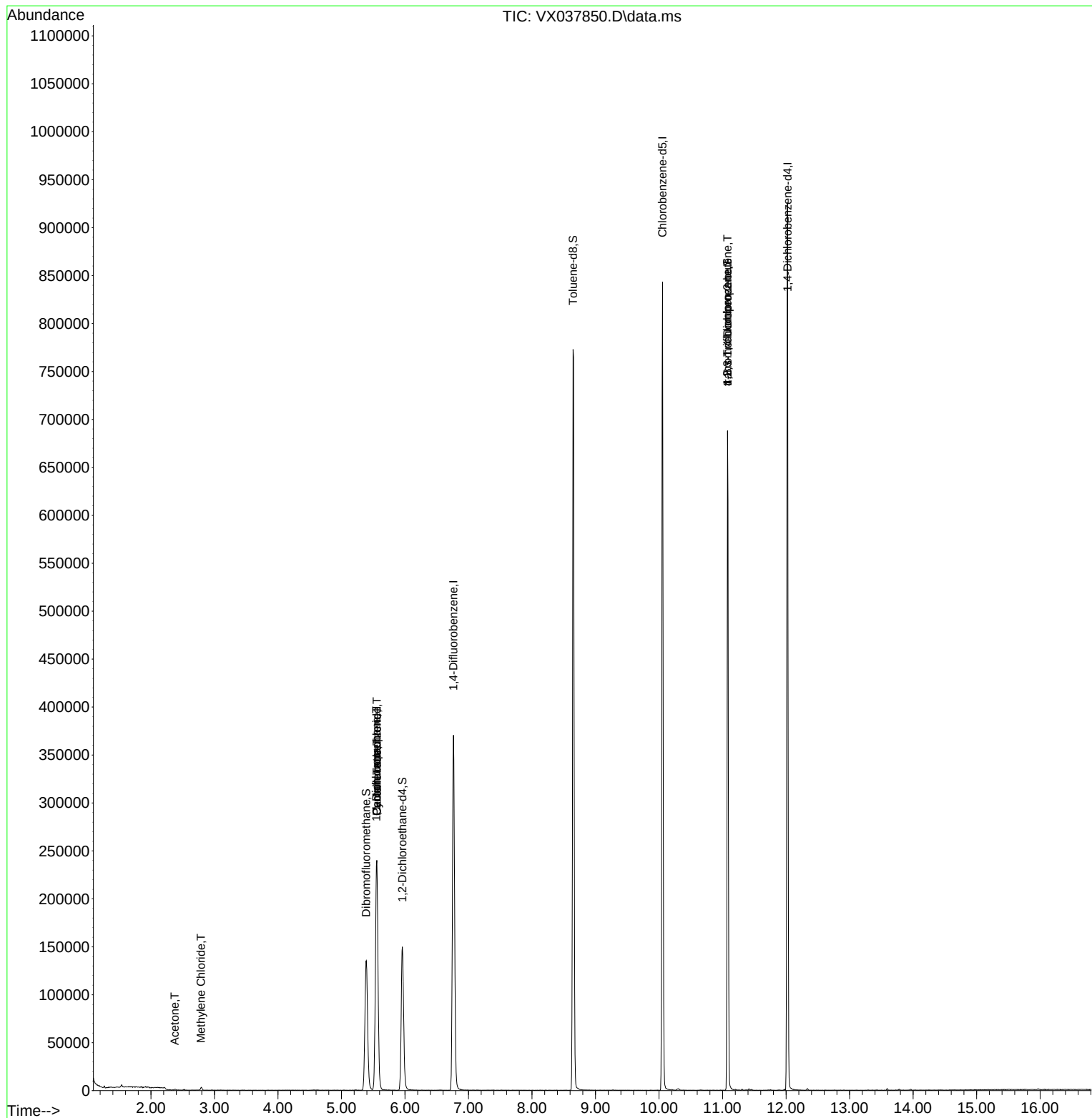
Internal Standards						
1) Pentafluorobenzene	5.556	168	232793	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	392582	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	378428	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	198981	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	143201	46.820	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.640%
35) Dibromofluoromethane	5.385	113	121248	46.158	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.320%
50) Toluene-d8	8.647	98	476771	48.849	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.700%
62) 4-Bromofluorobenzene	11.079	95	180911	51.009	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.020%
Target Compounds						
					Qvalue	
16) Acetone	2.373	43	1055	0.717	ug/l	94
20) Methylene Chloride	2.788	84	1465	0.514	ug/l	# 84
31) Cyclohexane	5.556	56	4870	1.241	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	17739	4.902	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	23257	6.143	ug/l	# 15
76) 1,2,3-Trichloropropane	11.079	75	91028	19.779	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	91028	63.360	ug/l	# 5

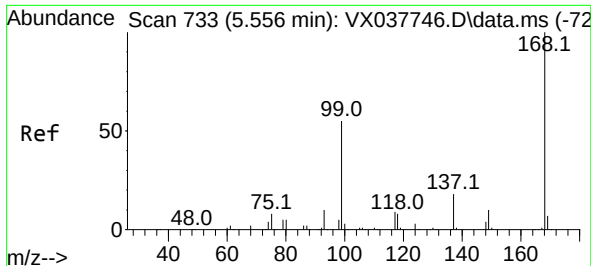
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

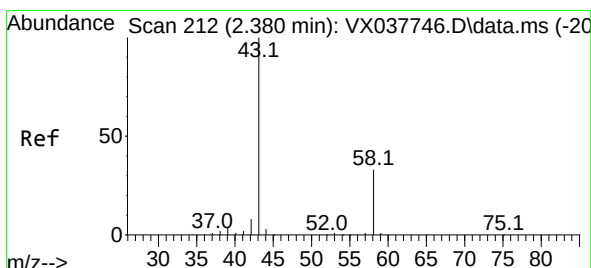
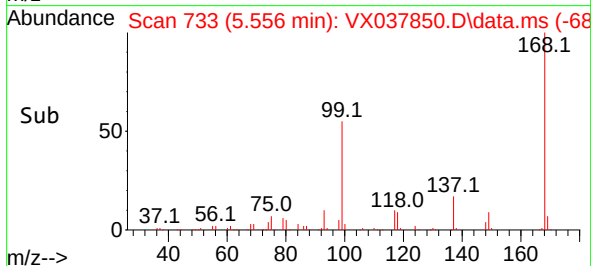
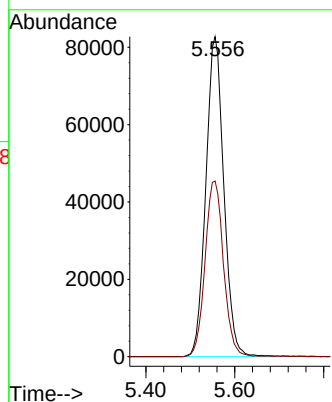
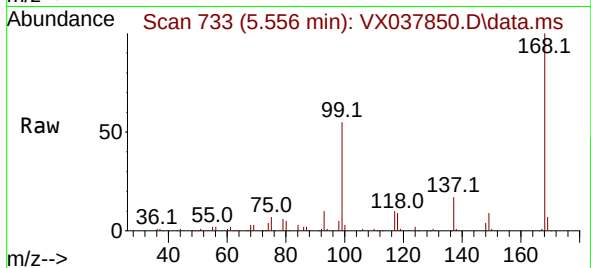




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037850.D
Acq: 21 Sep 2023 13:17

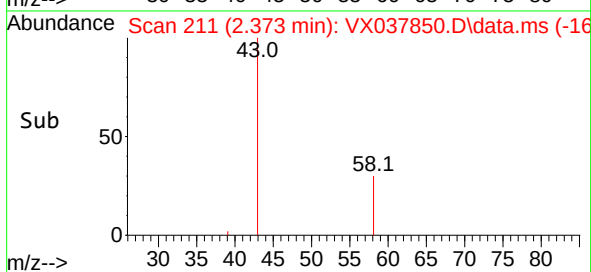
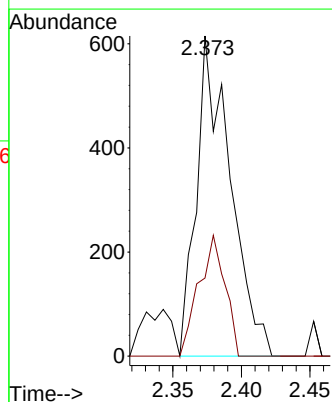
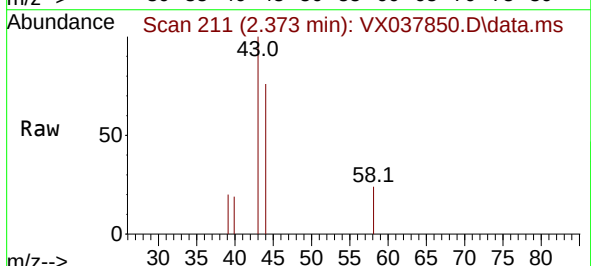
Instrument :
MSVOA_X
ClientSampleId :

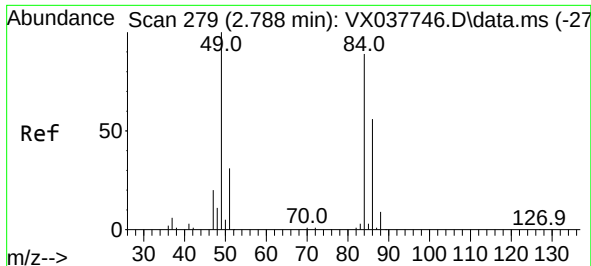
Tgt Ion:168 Resp: 232793
Ion Ratio Lower Upper
168 100
99 54.9 56.6 85.0#



#16
Acetone
Concen: 0.717 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX037850.D
Acq: 21 Sep 2023 13:17

Tgt Ion: 43 Resp: 1055
Ion Ratio Lower Upper
43 100
58 24.4 21.9 32.9





#20

Methylene Chloride

Concen: 0.514 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

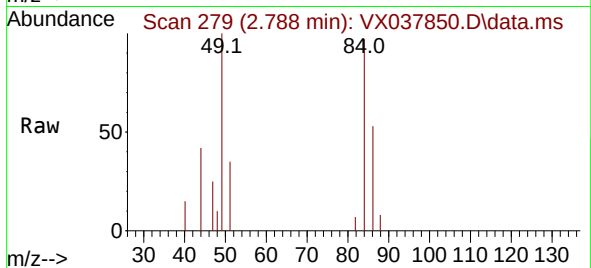
Lab File: VX037850.D

Acq: 21 Sep 2023 13:17

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 1465

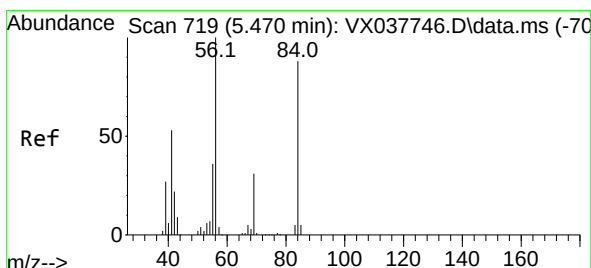
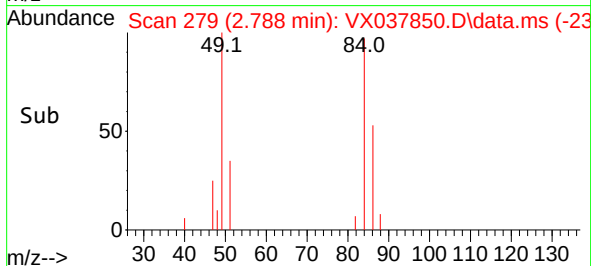
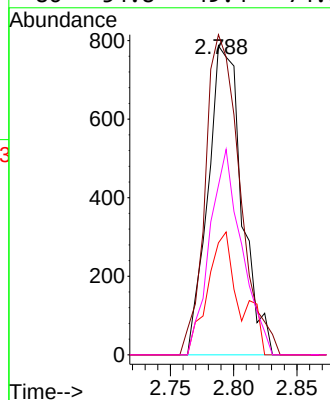
Ion Ratio Lower Upper

84 100

49 103.6 103.6 155.4#

51 36.2 33.8 50.6

86 54.8 49.4 74.0



#31

Cyclohexane

Concen: 1.241 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX037850.D

Acq: 21 Sep 2023 13:17

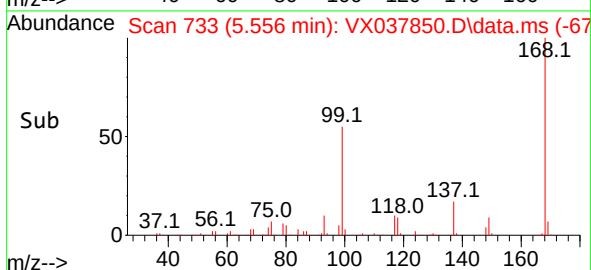
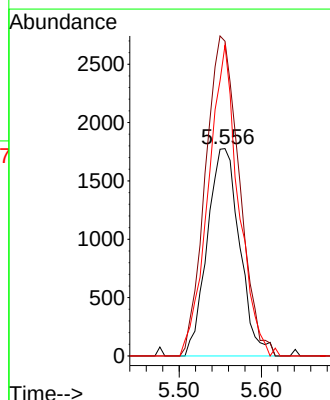
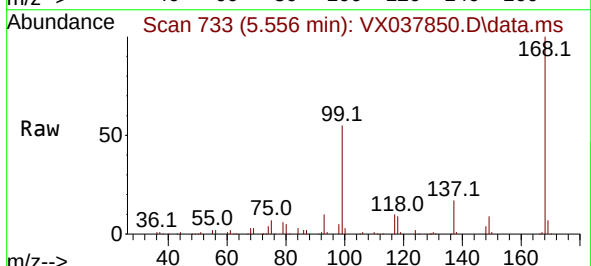
Tgt Ion: 56 Resp: 4870

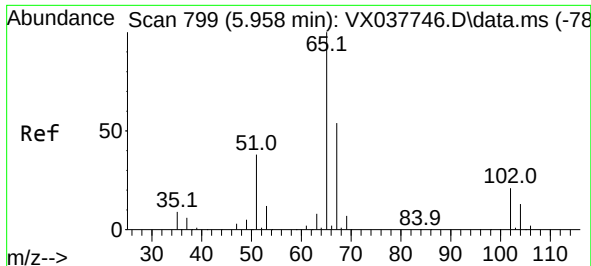
Ion Ratio Lower Upper

56 100

69 151.8 23.4 35.2#

84 149.8 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 46.820 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037850.D

Acq: 21 Sep 2023 13:17

Instrument :

MSVOA_X

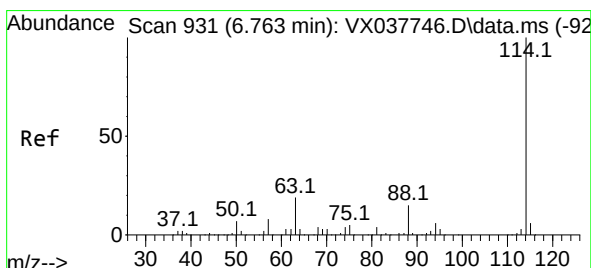
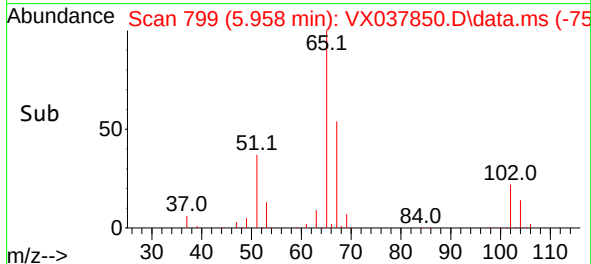
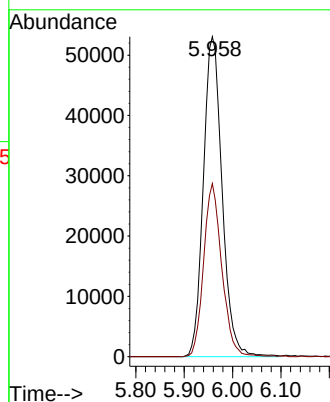
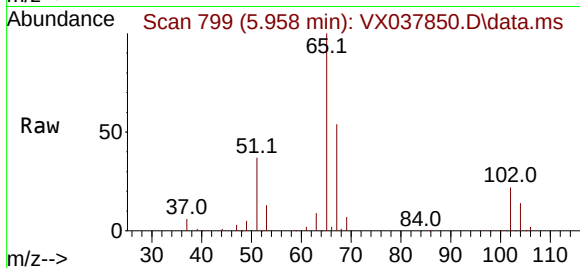
ClientSampleId :

Tgt Ion: 65 Resp: 143201

Ion Ratio Lower Upper

65 100

67 52.4 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: VX037850.D

Acq: 21 Sep 2023 13:17

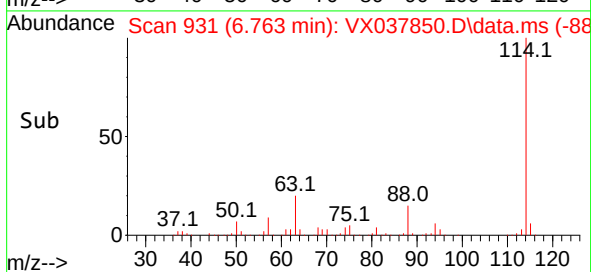
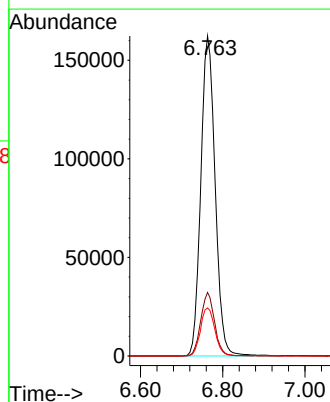
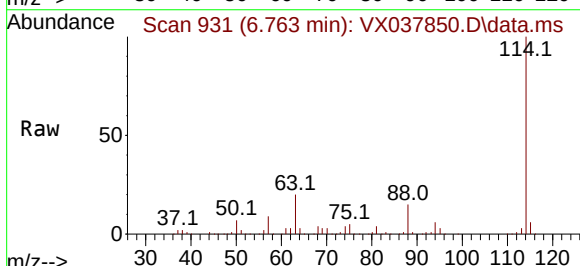
Tgt Ion: 114 Resp: 392582

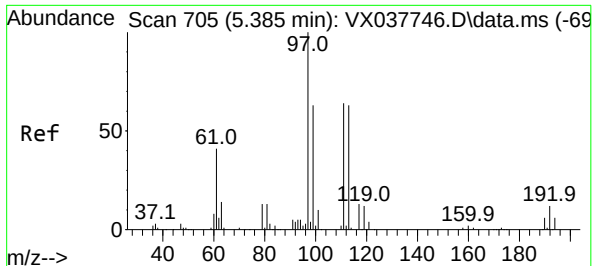
Ion Ratio Lower Upper

114 100

63 19.9 0.0 45.0

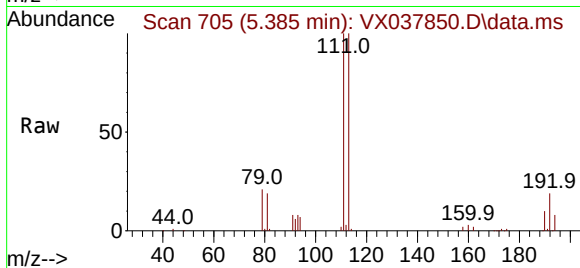
88 15.0 0.0 36.6



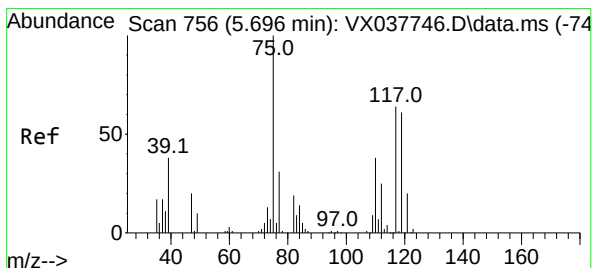
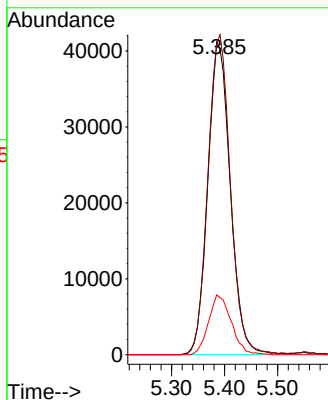
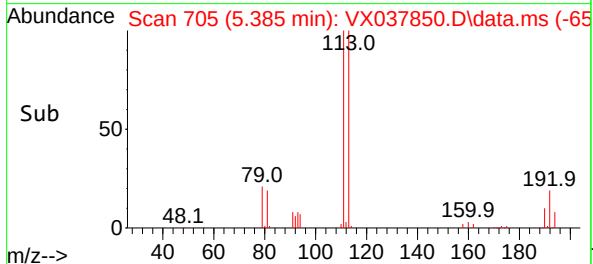


#35
Dibromofluoromethane
Concen: 46.158 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037850.D
Acq: 21 Sep 2023 13:17

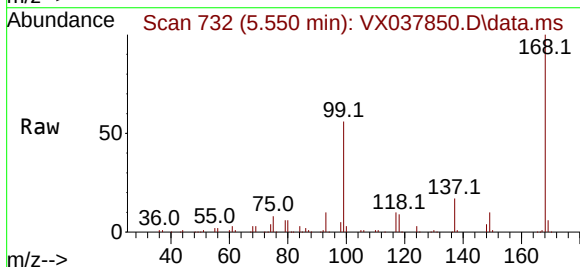
Instrument :
MSVOA_X
ClientSampleId :



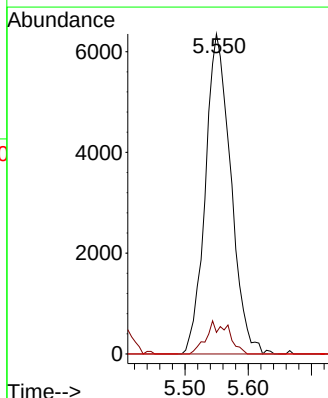
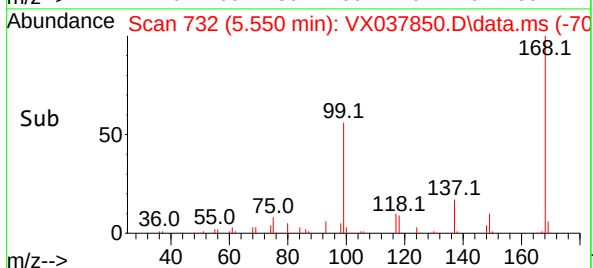
Tgt Ion:113 Resp: 121248
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 19.3 13.3 19.9

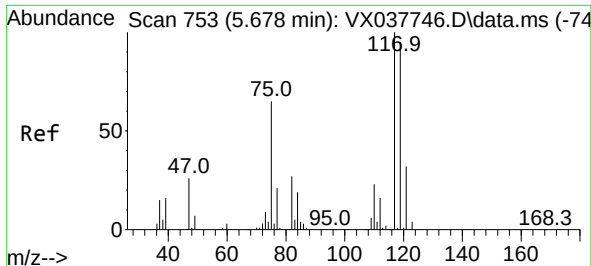


#36
1,1-Dichloropropene
Concen: 4.902 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037850.D
Acq: 21 Sep 2023 13:17



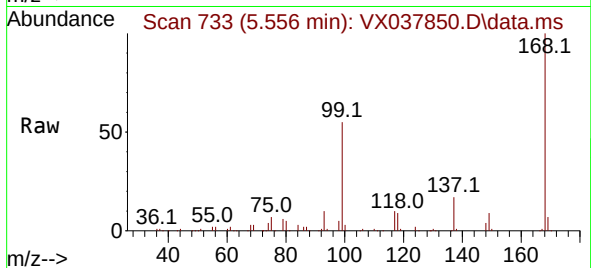
Tgt Ion: 75 Resp: 17739
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.7 37.1#



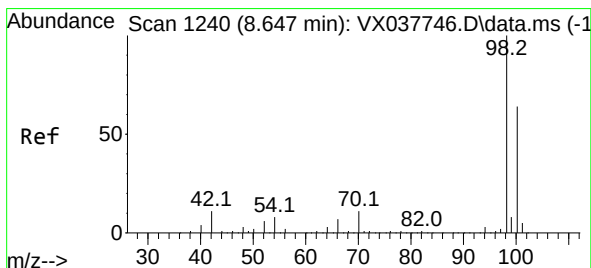
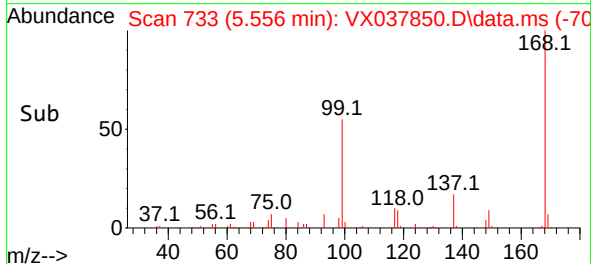
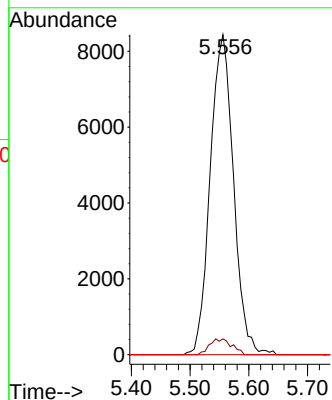


#38
Carbon Tetrachloride
Concen: 6.143 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037850.D
Acq: 21 Sep 2023 13:17

Instrument :
MSVOA_X
ClientSampleId :

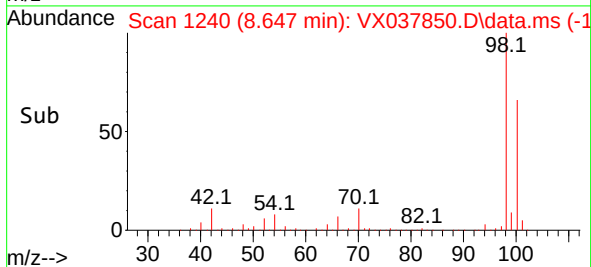
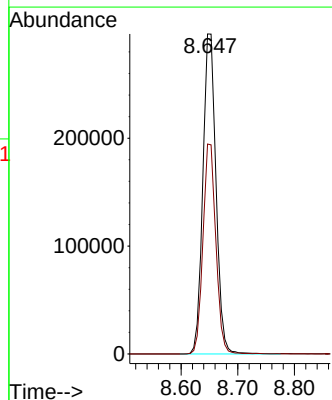
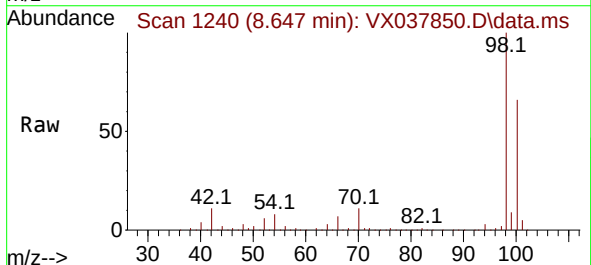


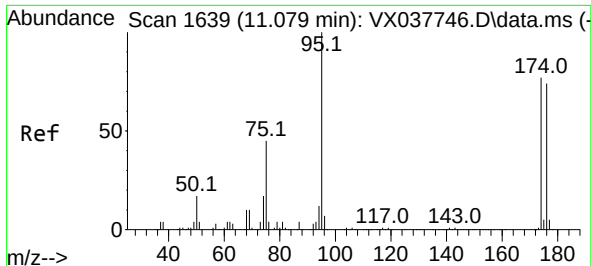
Tgt Ion:117 Resp: 23257
Ion Ratio Lower Upper
117 100
119 4.9 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.849 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037850.D
Acq: 21 Sep 2023 13:17

Tgt Ion: 98 Resp: 476771
Ion Ratio Lower Upper
98 100
100 64.4 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 51.009 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037850.D

Acq: 21 Sep 2023 13:17

Instrument :

MSVOA_X

ClientSampleId :

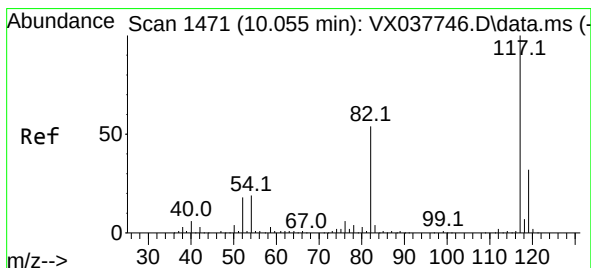
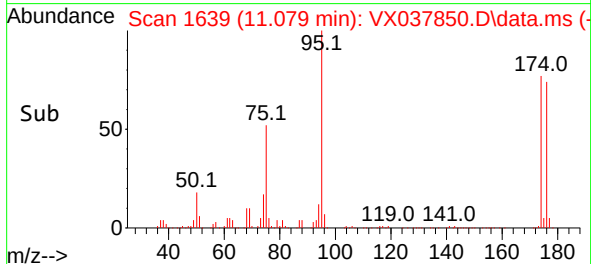
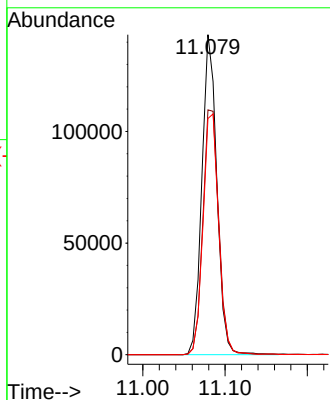
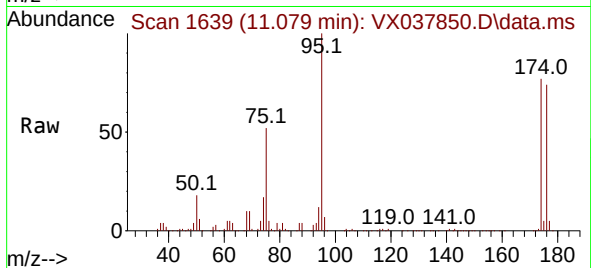
Tgt Ion: 95 Resp: 180911

Ion Ratio Lower Upper

95 100

174 81.6 0.0 135.6

176 79.0 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: VX037850.D

Acq: 21 Sep 2023 13:17

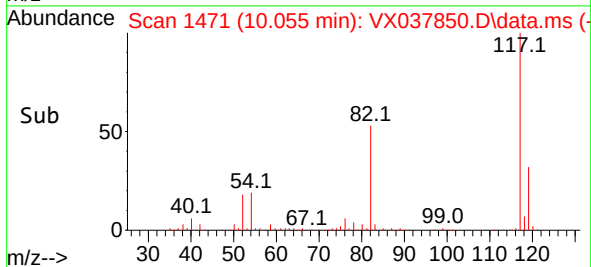
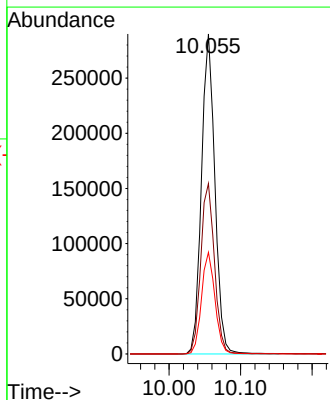
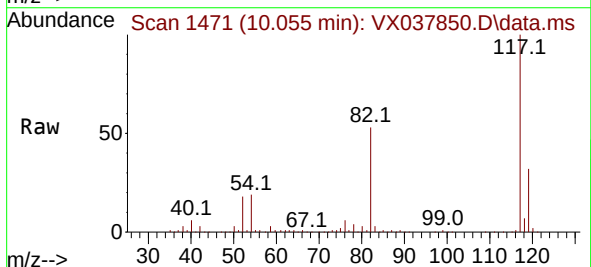
Tgt Ion: 117 Resp: 378428

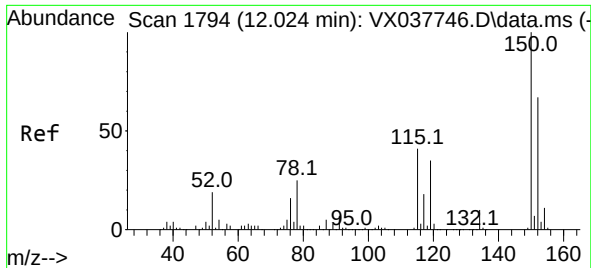
Ion Ratio Lower Upper

117 100

82 53.2 46.2 69.4

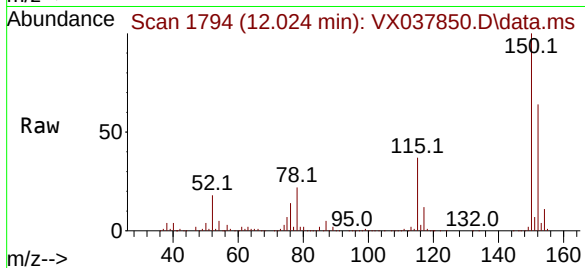
119 31.7 25.5 38.3



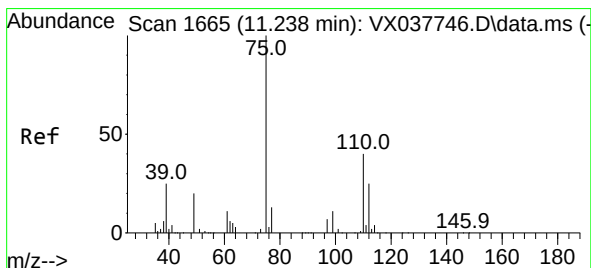
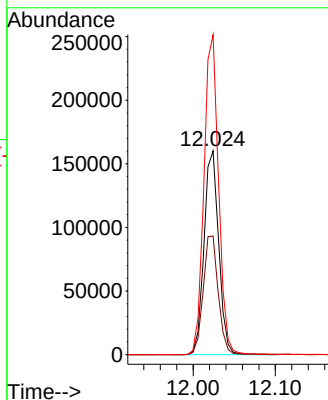
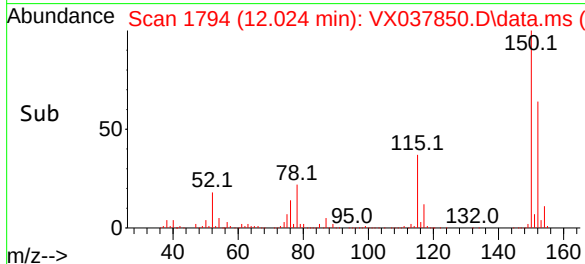


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037850.D
 Acq: 21 Sep 2023 13:17

Instrument :
 MSVOA_X
 ClientSampleId :

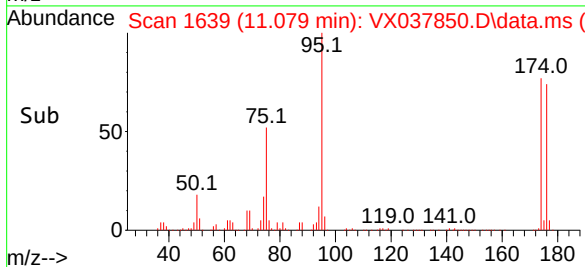
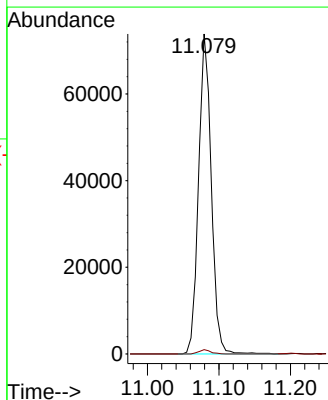
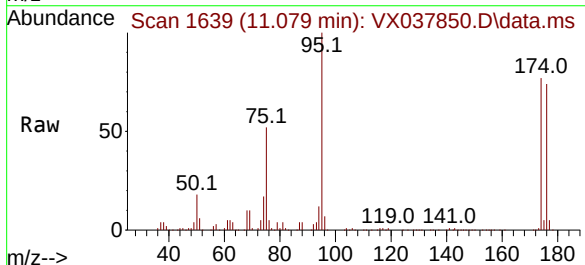


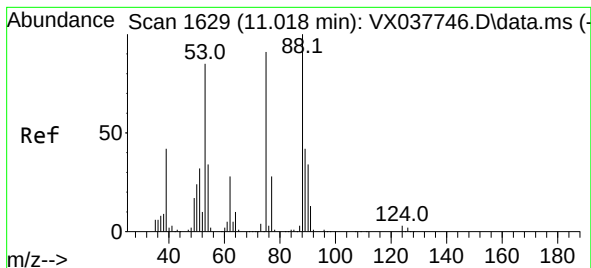
Tgt Ion:152 Resp: 198981
 Ion Ratio Lower Upper
 152 100
 115 59.6 43.3 129.9
 150 156.0 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 19.779 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX037850.D
 Acq: 21 Sep 2023 13:17

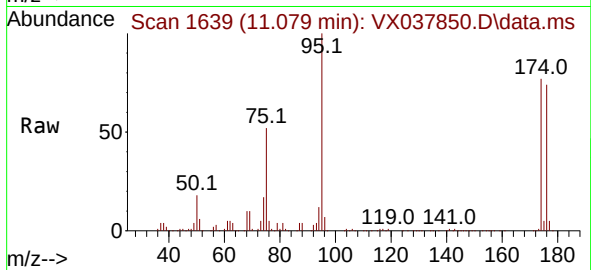
Tgt Ion: 75 Resp: 91028
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 63.360 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX037850.D
Acq: 21 Sep 2023 13:17

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 91028
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

