

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092123\
 Data File : VX037851.D
 Acq On : 21 Sep 2023 13:40
 Operator : JC/MD
 Sample : 04540-03 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 22 04:43:22 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)

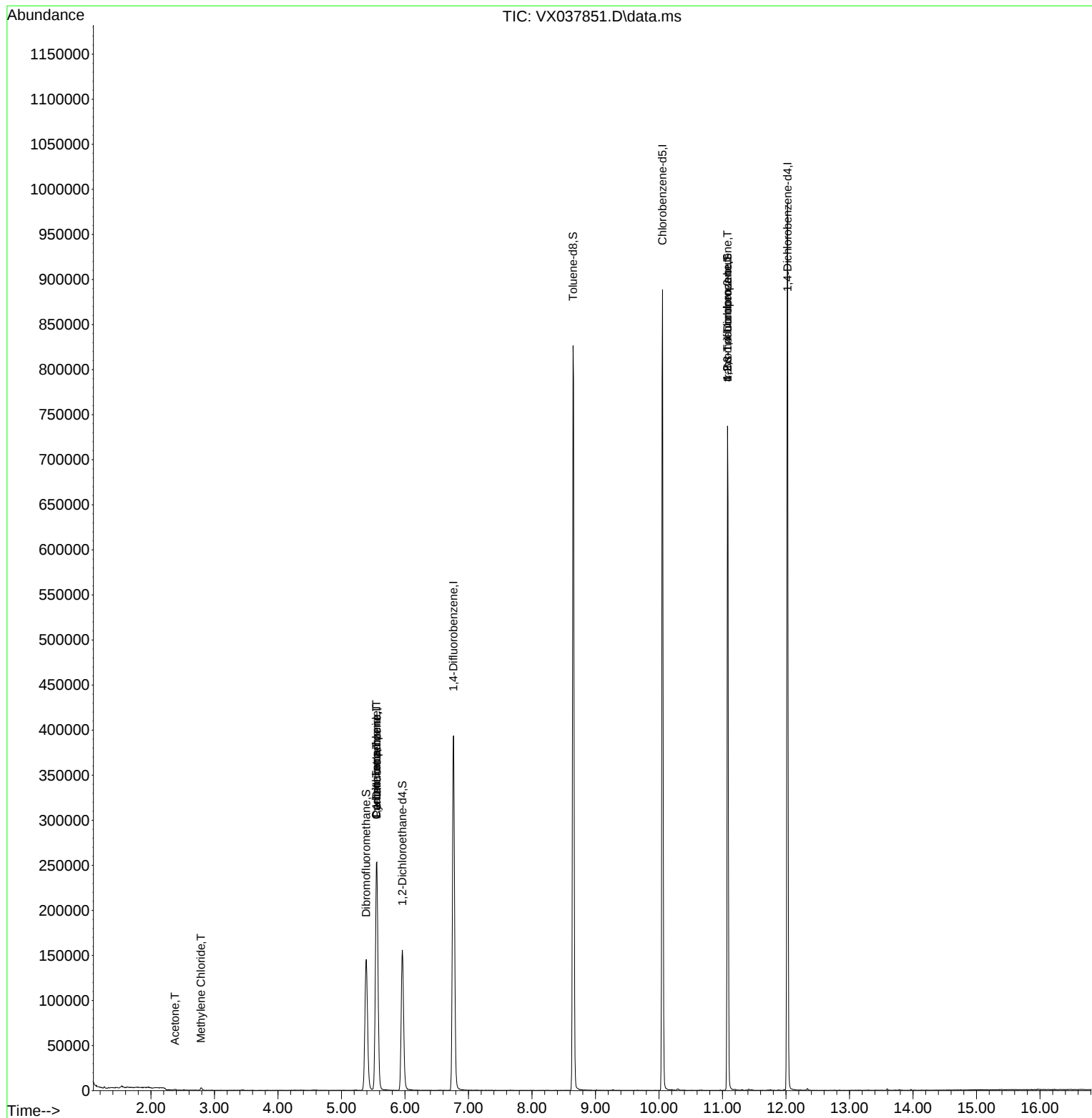
Internal Standards						
1) Pentafluorobenzene	5.556	168	246987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	415398	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	401661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	209582	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	148889	45.882	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.760%
35) Dibromofluoromethane	5.385	113	128830	46.351	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.700%
50) Toluene-d8	8.647	98	505959	48.992	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.980%
62) 4-Bromofluorobenzene	11.079	95	191943	51.147	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.300%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	972	0.623	ug/l	100
20) Methylene Chloride	2.788	84	1429	0.470	ug/l	89
31) Cyclohexane	5.550	56	5116	1.228	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	18952	4.950	ug/l #	51
38) Carbon Tetrachloride	5.550	117	24643	6.151	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	96838	19.977	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	96838	63.994	ug/l #	5

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

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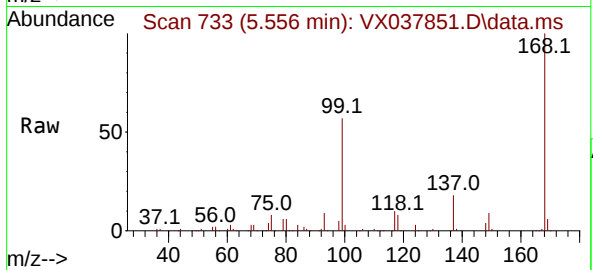
Quant Time: Sep 22 04:43:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 16 04:55:44 2023
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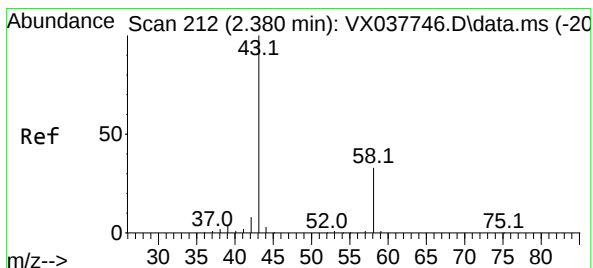
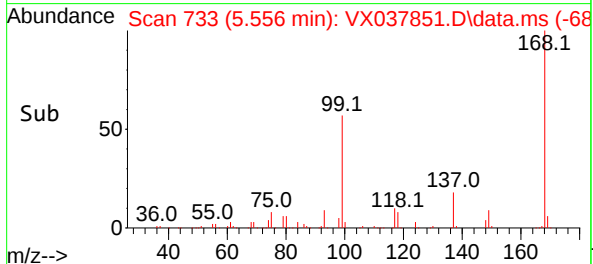
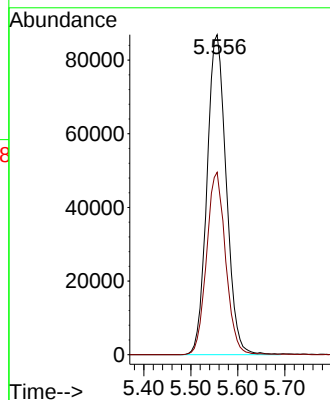


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037851.D
Acq: 21 Sep 2023 13:40

Instrument :
MSVOA_X
ClientSampleId :

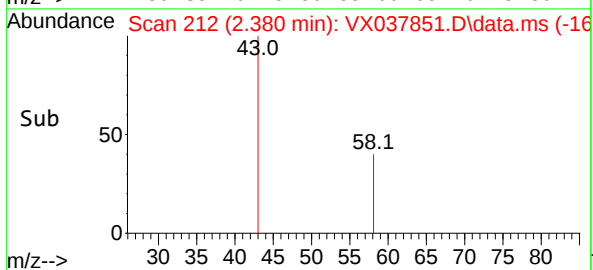
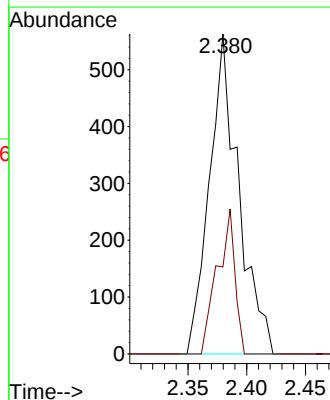
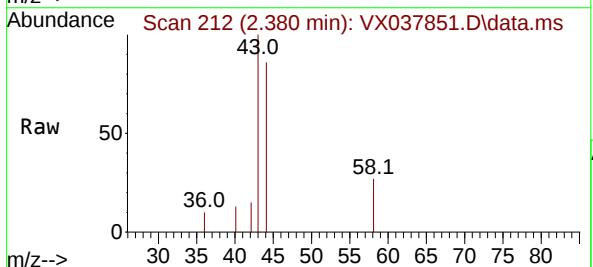


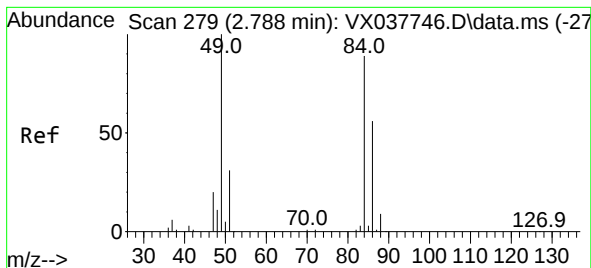
Tgt Ion:168 Resp: 246987
Ion Ratio Lower Upper
168 100
99 57.0 56.6 85.0



#16
Acetone
Concen: 0.623 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX037851.D
Acq: 21 Sep 2023 13:40

Tgt Ion: 43 Resp: 972
Ion Ratio Lower Upper
43 100
58 27.2 21.9 32.9





#20

Methylene Chloride

Concen: 0.470 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

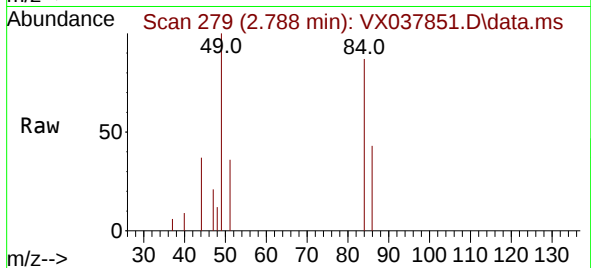
Lab File: VX037851.D

Acq: 21 Sep 2023 13:40

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 1429

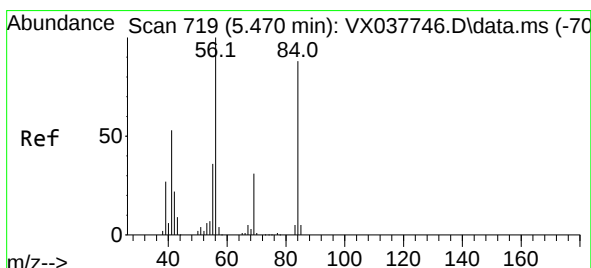
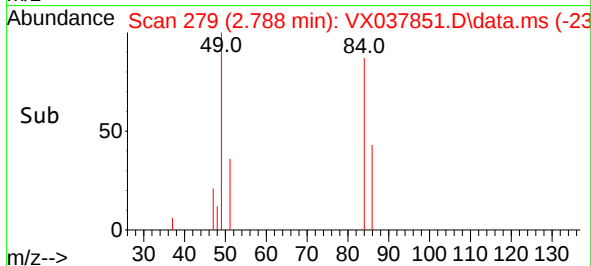
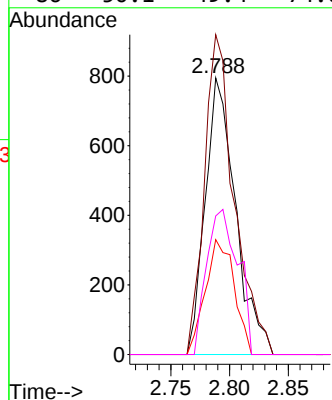
Ion Ratio Lower Upper

84 100

49 115.6 103.6 155.4

51 41.5 33.8 50.6

86 50.1 49.4 74.0



#31

Cyclohexane

Concen: 1.228 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX037851.D

Acq: 21 Sep 2023 13:40

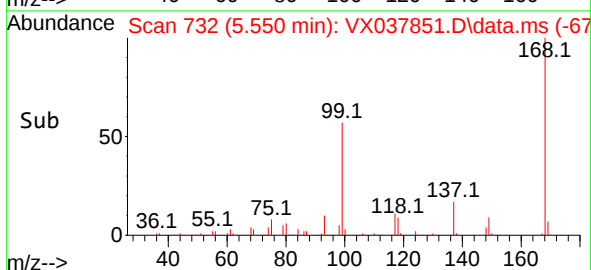
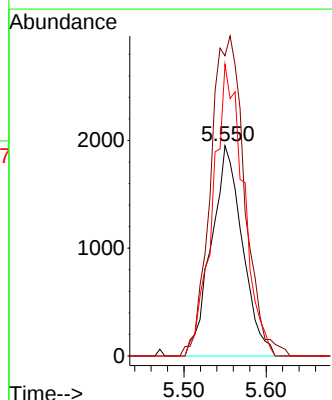
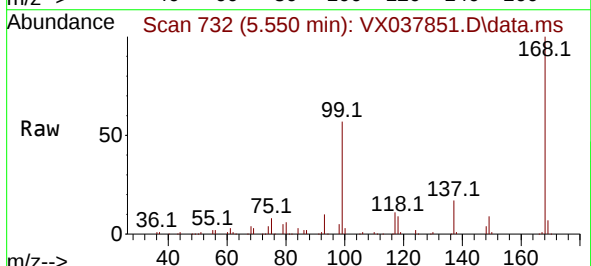
Tgt Ion: 56 Resp: 5116

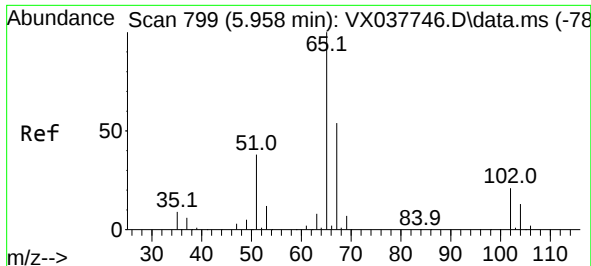
Ion Ratio Lower Upper

56 100

69 142.7 23.4 35.2#

84 138.7 65.9 98.9#

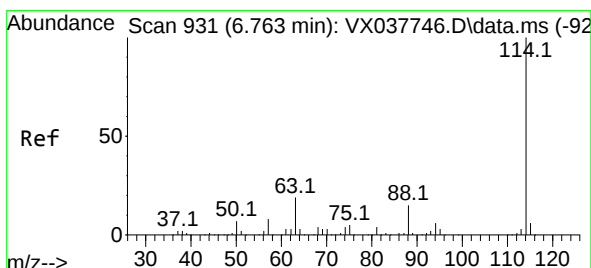
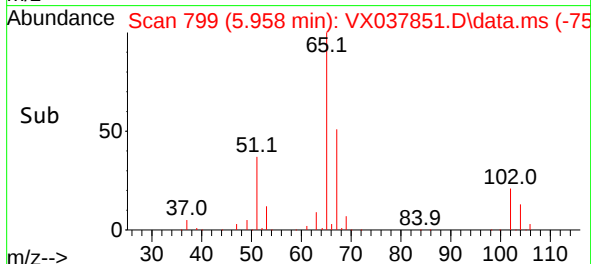
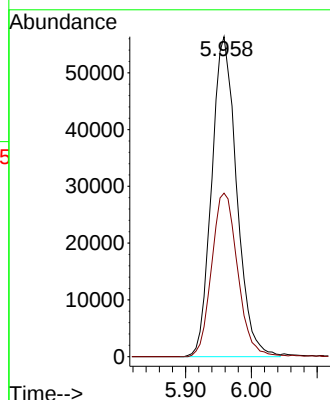
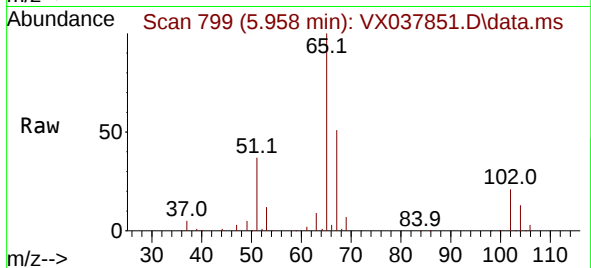




#33
 1,2-Dichloroethane-d4
 Concen: 45.882 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX037851.D
 Acq: 21 Sep 2023 13:40

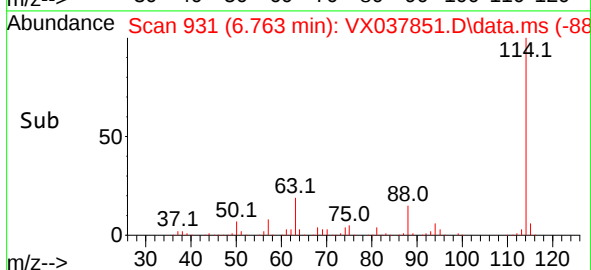
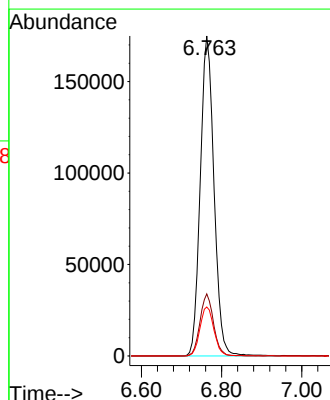
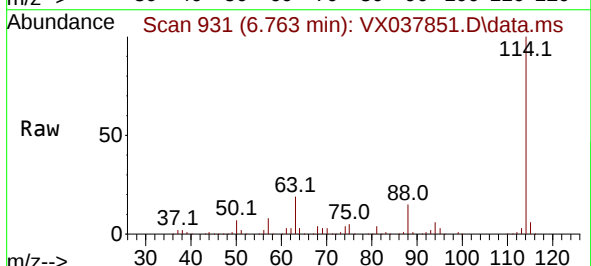
Instrument :
 MSVOA_X
 ClientSampleId :

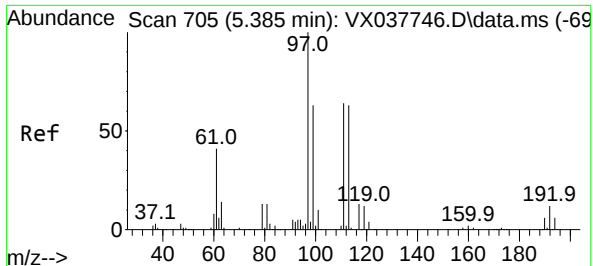
Tgt Ion: 65 Resp: 148889
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX037851.D
 Acq: 21 Sep 2023 13:40

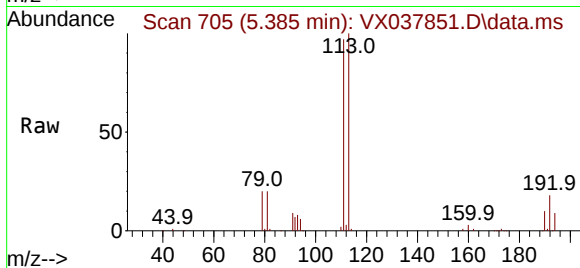
Tgt Ion: 114 Resp: 415398
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 45.0
 88 15.3 0.0 36.6



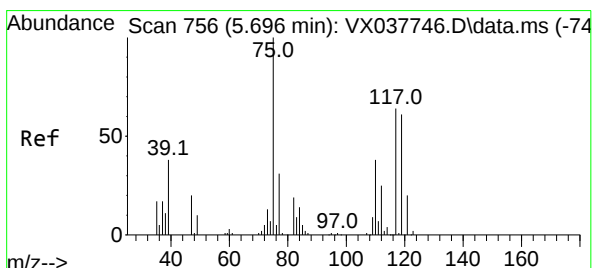
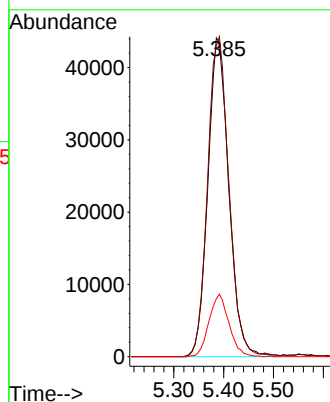
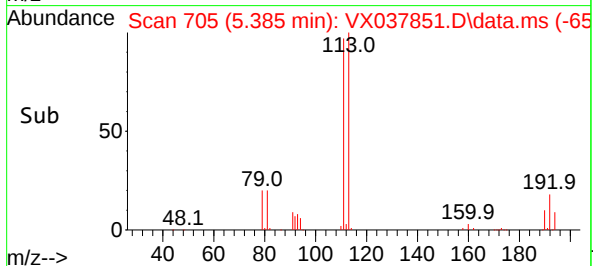


#35
Dibromofluoromethane
Concen: 46.351 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037851.D
Acq: 21 Sep 2023 13:40

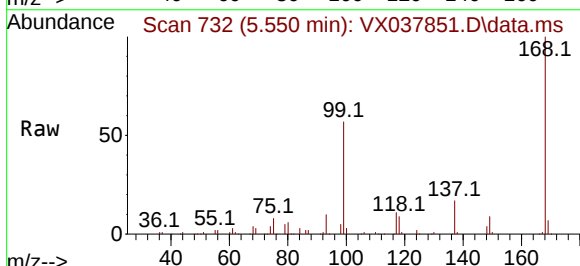
Instrument :
MSVOA_X
ClientSampleId :



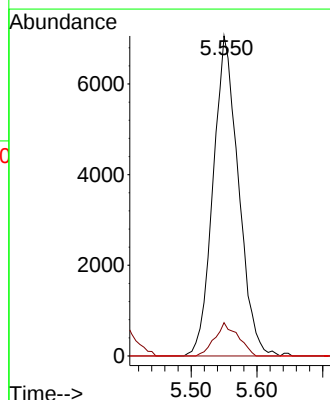
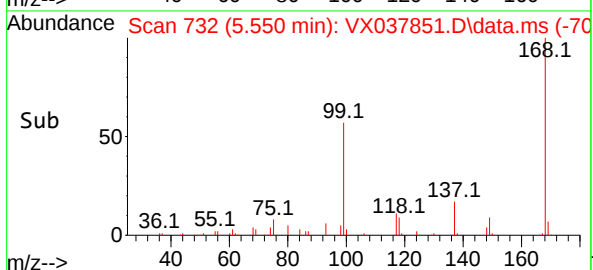
Tgt Ion:113 Resp: 128830
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 18.7 13.3 19.9

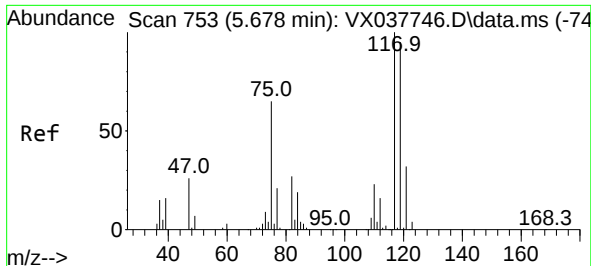


#36
1,1-Dichloropropene
Concen: 4.950 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037851.D
Acq: 21 Sep 2023 13:40



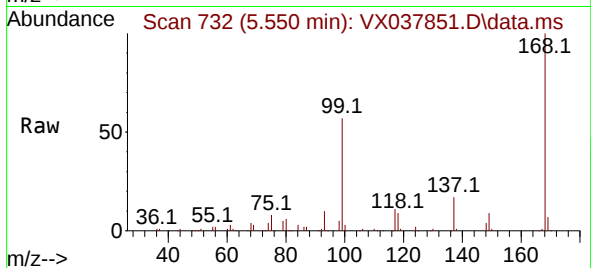
Tgt Ion: 75 Resp: 18952
Ion Ratio Lower Upper
75 100
110 9.5 17.0 50.9#
77 0.0 24.7 37.1#



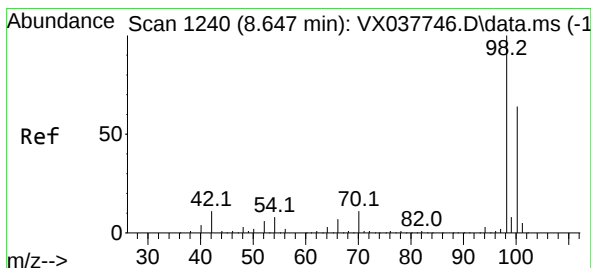
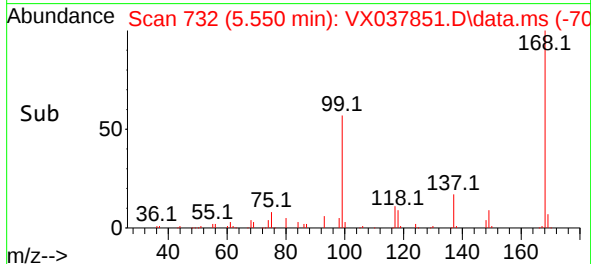
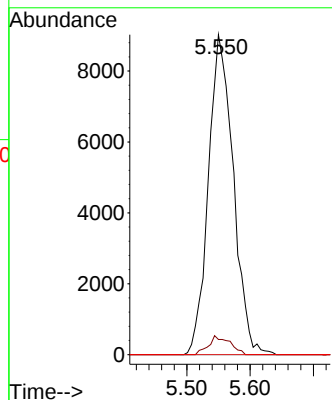


#38
Carbon Tetrachloride
Concen: 6.151 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX037851.D
Acq: 21 Sep 2023 13:40

Instrument :
MSVOA_X
ClientSampleId :

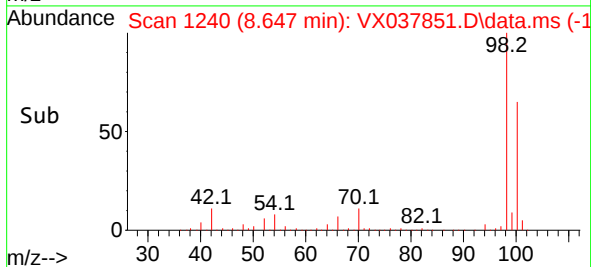
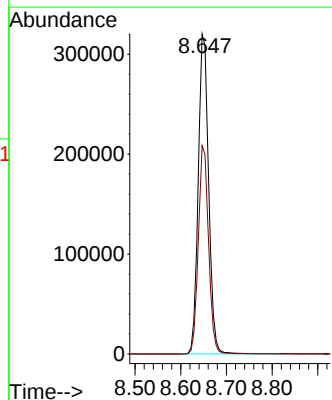
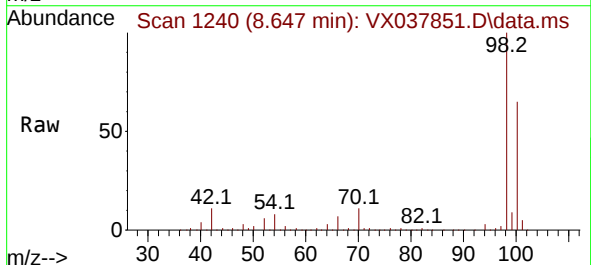


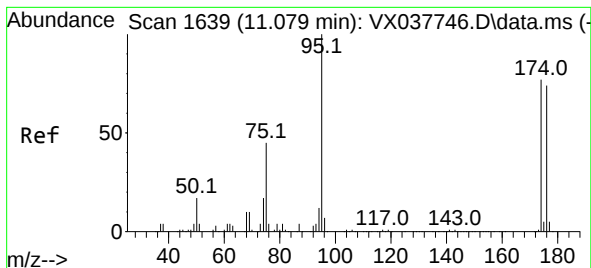
Tgt Ion:117 Resp: 24643
Ion Ratio Lower Upper
117 100
119 4.7 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.992 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037851.D
Acq: 21 Sep 2023 13:40

Tgt Ion: 98 Resp: 505959
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7

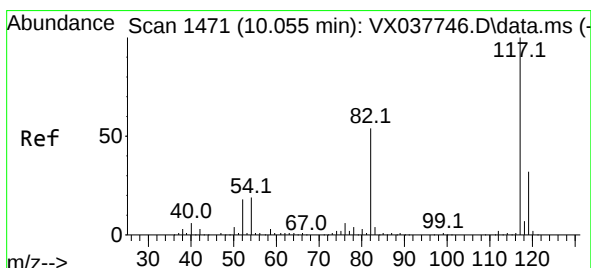
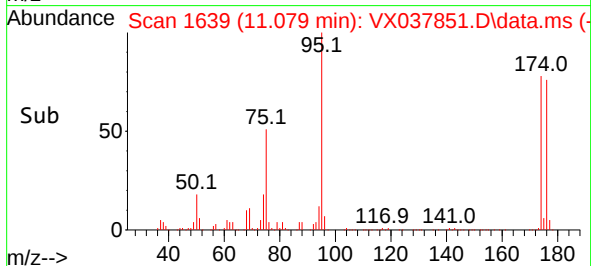
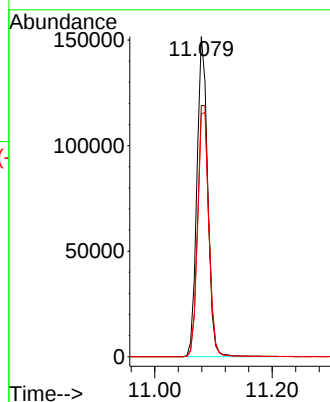
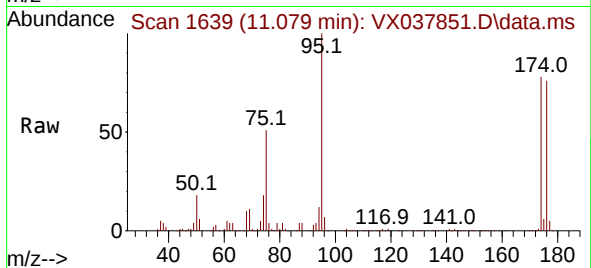




#62
4-Bromofluorobenzene
Concen: 51.147 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037851.D
Acq: 21 Sep 2023 13:40

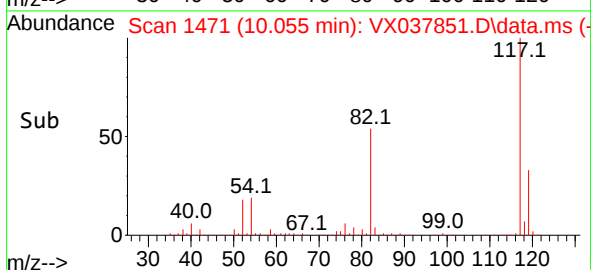
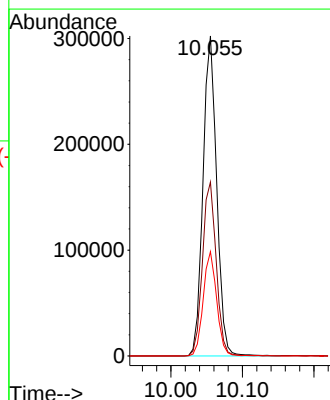
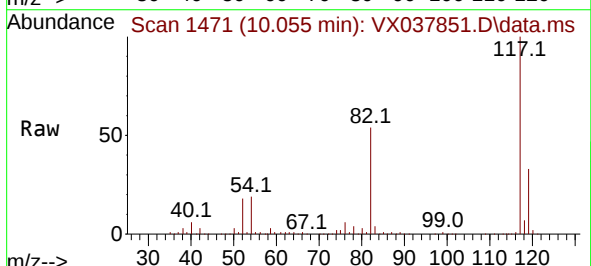
Instrument :
MSVOA_X
ClientSampleId :

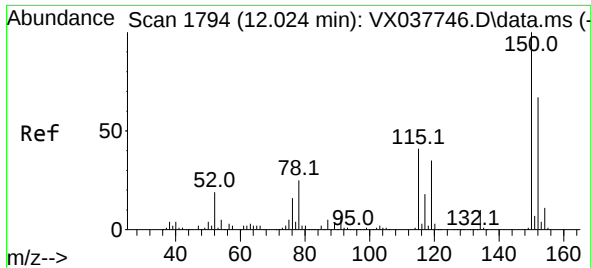
Tgt Ion: 95 Resp: 191943
Ion Ratio Lower Upper
95 100
174 82.3 0.0 135.6
176 79.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037851.D
Acq: 21 Sep 2023 13:40

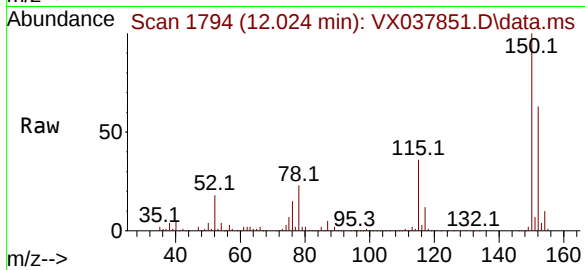
Tgt Ion: 117 Resp: 401661
Ion Ratio Lower Upper
117 100
82 54.3 46.2 69.4
119 32.6 25.5 38.3



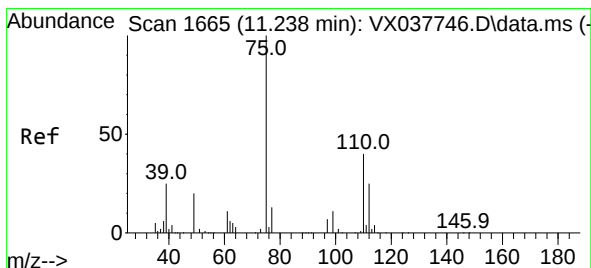
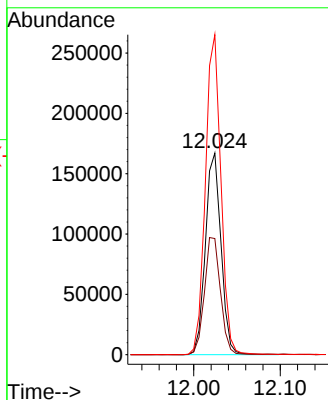
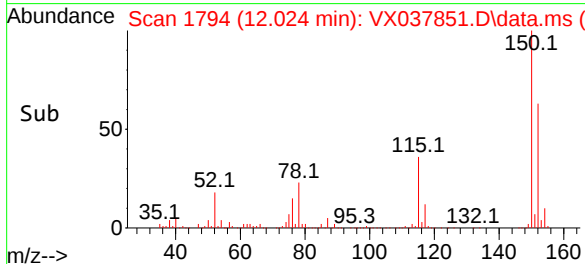


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX037851.D
 Acq: 21 Sep 2023 13:40

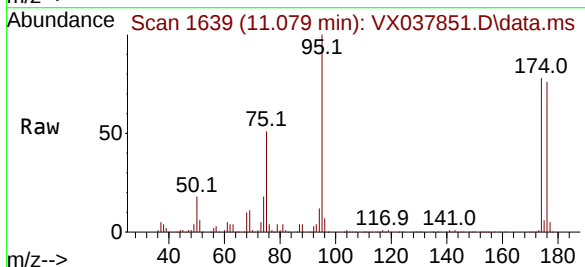
Instrument :
 MSVOA_X
 ClientSampleId :



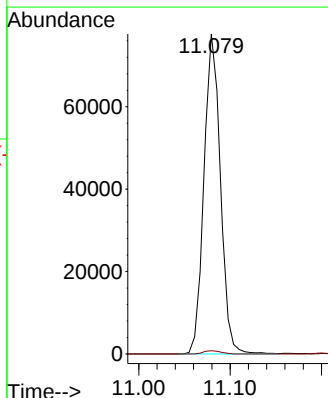
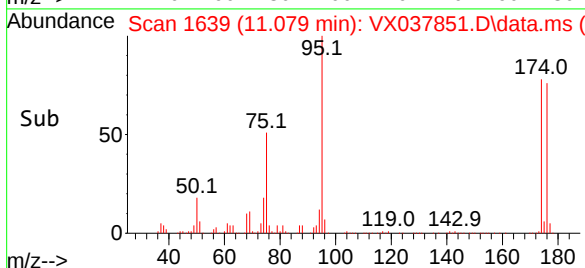
Tgt Ion:152 Resp: 209582
 Ion Ratio Lower Upper
 152 100
 115 59.7 43.3 129.9
 150 157.7 0.0 345.0

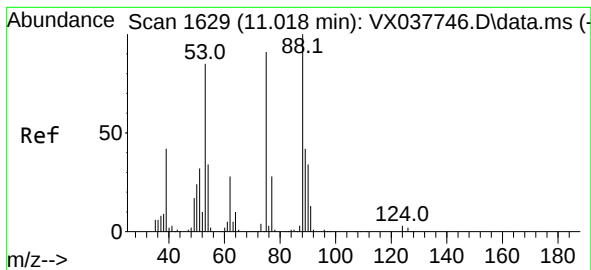


#76
 1,2,3-Trichloropropane
 Concen: 19.977 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX037851.D
 Acq: 21 Sep 2023 13:40



Tgt Ion: 75 Resp: 96838
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.994 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX037851.D
 Acq: 21 Sep 2023 13:40

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 96838
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

