

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092123\
 Data File : VX037852.D
 Acq On : 21 Sep 2023 14:03
 Operator : JC/MD
 Sample : 04551-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 22 04:43:43 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)

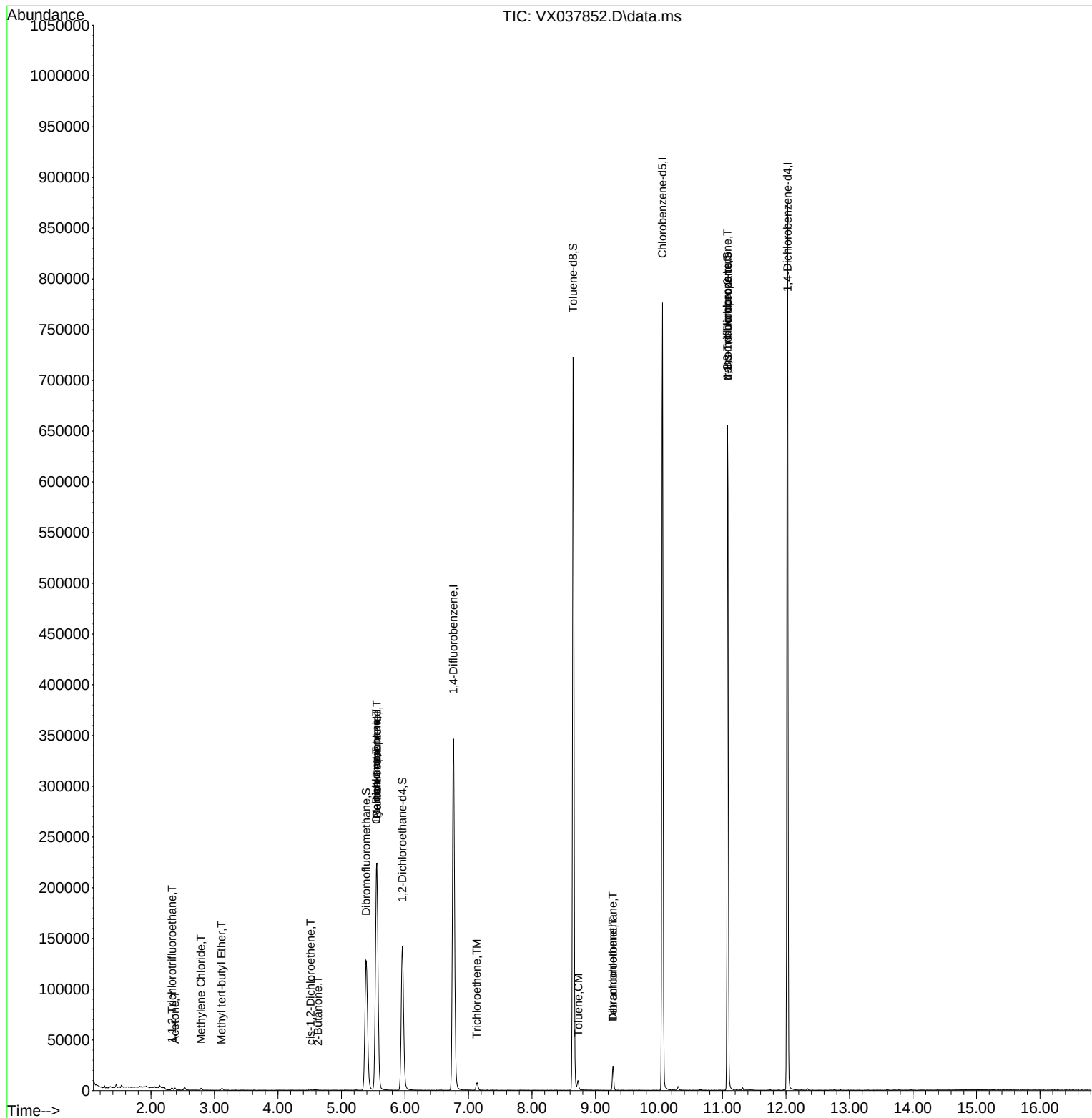
Internal Standards						
1) Pentafluorobenzene	5.556	168	216981	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	367386	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	357534	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	188130	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	134404	47.146	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.300%
35) Dibromofluoromethane	5.385	113	114341	46.514	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.020%
50) Toluene-d8	8.647	98	449198	49.180	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.360%
62) 4-Bromofluorobenzene	11.079	95	171352	51.627	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.260%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	831	0.379	ug/l	99
16) Acetone	2.380	43	2031	1.481	ug/l	# 80
19) Methyl tert-butyl Ether	3.111	73	1763	0.226	ug/l	100
20) Methylene Chloride	2.788	84	999	0.369	ug/l	92
25) 2-Butanone	4.629	43	810	0.419	ug/l	# 51
27) cis-1,2-Dichloroethene	4.513	96	652	0.226	ug/l	83
31) Cyclohexane	5.550	56	4385	1.198	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	16837	4.972	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	21969	6.200	ug/l	# 15
44) Trichloroethene	7.129	130	3050	1.052	ug/l	99
52) Toluene	8.726	92	3383	0.504	ug/l	91
60) Dibromochloromethane	9.275	129	4395	1.559	ug/l	# 11
64) Tetrachloroethene	9.275	164	4542	1.863	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	87092	20.015	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	87092	64.116	ug/l	# 5

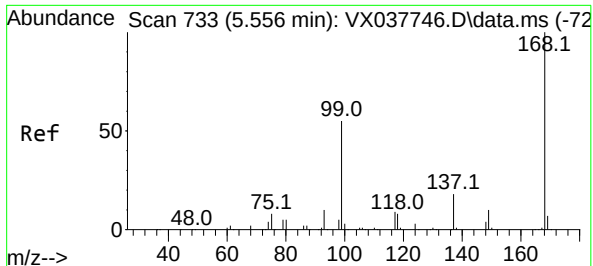
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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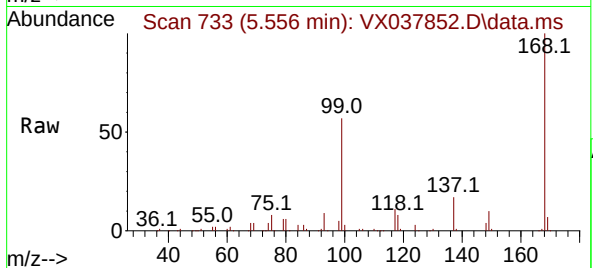
Quant Time: Sep 22 04:43:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 16 04:55:44 2023
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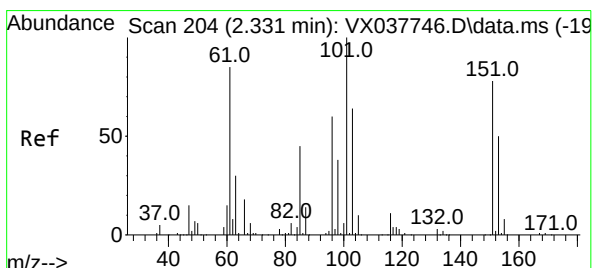
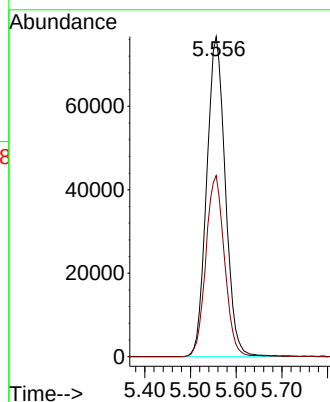
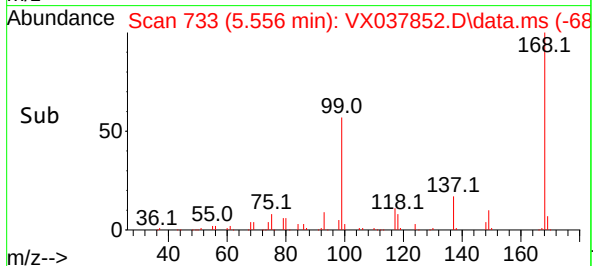


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037852.D
Acq: 21 Sep 2023 14:03

Instrument :
MSVOA_X
ClientSampleId :

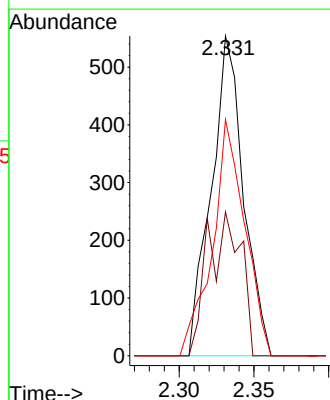
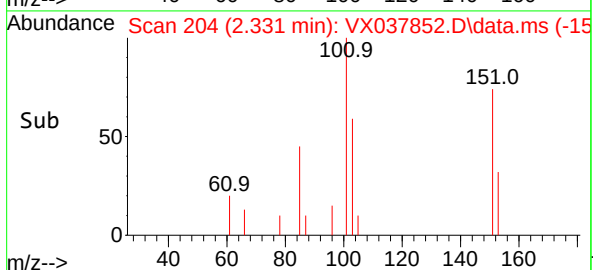
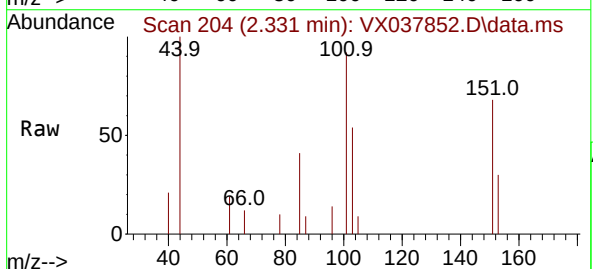


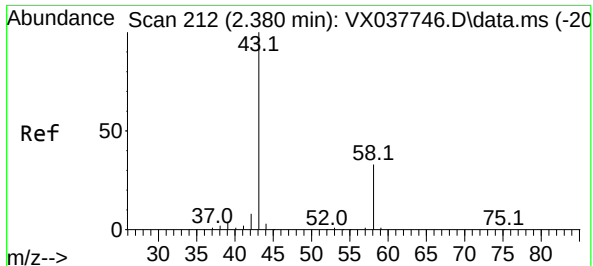
Tgt Ion:168 Resp: 216981
Ion Ratio Lower Upper
168 100
99 56.6 56.6 85.0#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.379 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX037852.D
Acq: 21 Sep 2023 14:03

Tgt Ion:101 Resp: 831
Ion Ratio Lower Upper
101 100
85 46.5 37.0 55.6
151 74.2 58.6 87.8

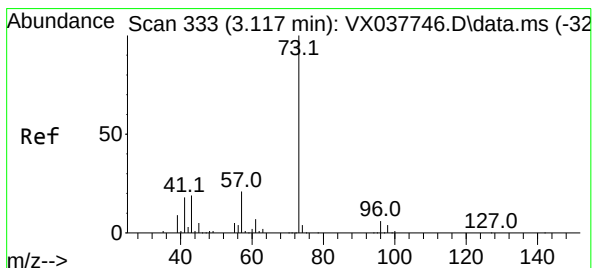
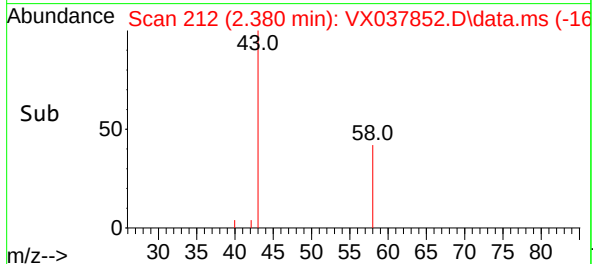
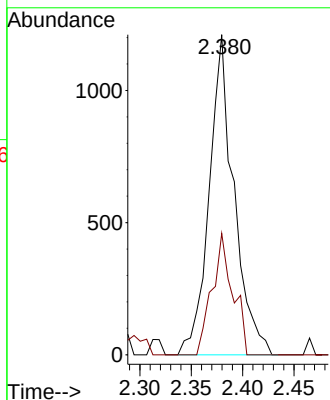
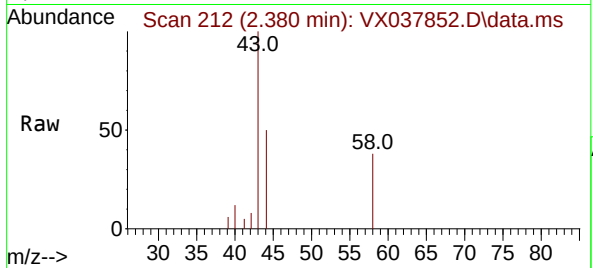




#16
Acetone
Concen: 1.481 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX037852.D
Acq: 21 Sep 2023 14:03

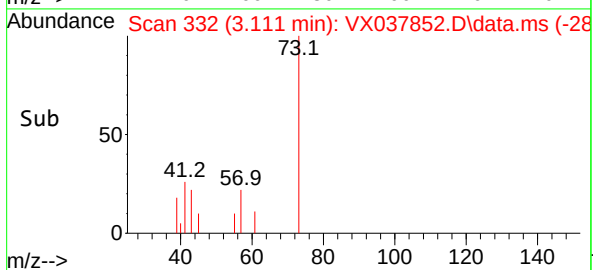
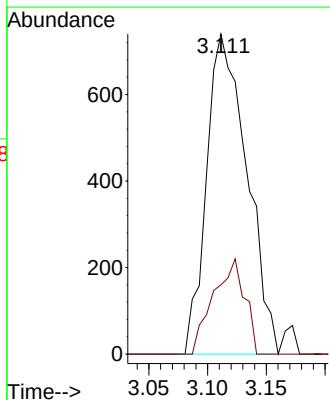
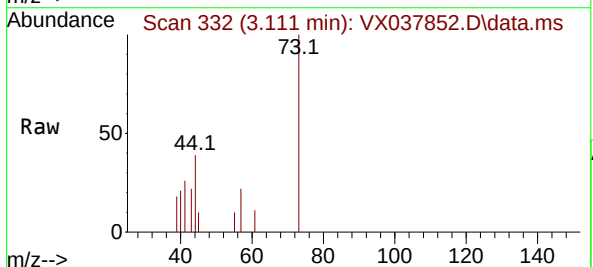
Instrument :
MSVOA_X
ClientSampleId :

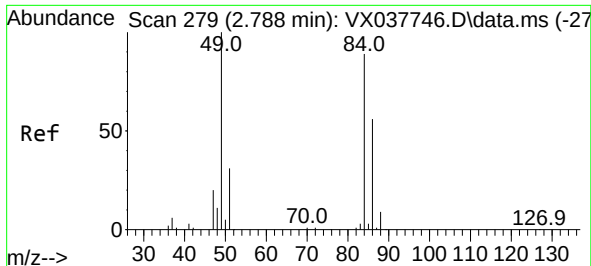
Tgt Ion: 43 Resp: 2031
Ion Ratio Lower Upper
43 100
58 37.9 21.9 32.9#



#19
Methyl tert-butyl Ether
Concen: 0.226 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.012 min
Lab File: VX037852.D
Acq: 21 Sep 2023 14:03

Tgt Ion: 73 Resp: 1763
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9





#20

Methylene Chloride

Concen: 0.369 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX037852.D

Acq: 21 Sep 2023 14:03

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 84 Resp: 999

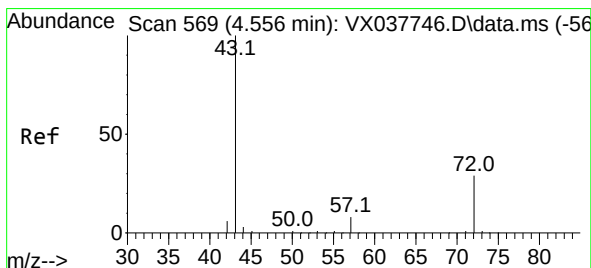
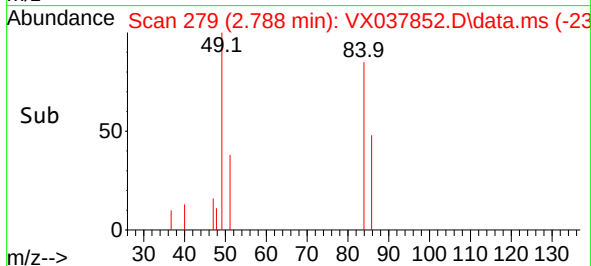
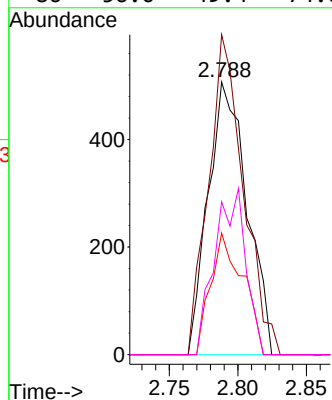
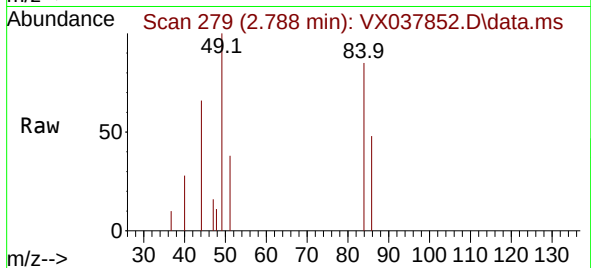
Ion Ratio Lower Upper

84 100

49 117.4 103.6 155.4

51 44.6 33.8 50.6

86 56.0 49.4 74.0



#25

2-Butanone

Concen: 0.419 ug/l

RT: 4.629 min Scan# 581

Delta R.T. 0.061 min

Lab File: VX037852.D

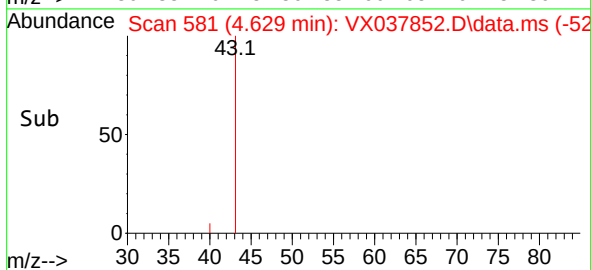
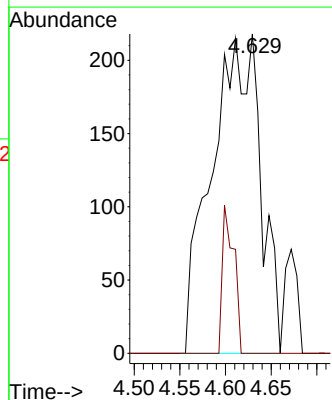
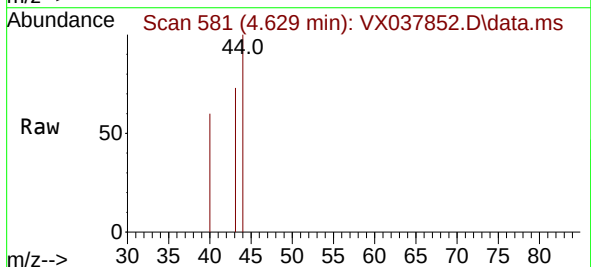
Acq: 21 Sep 2023 14:03

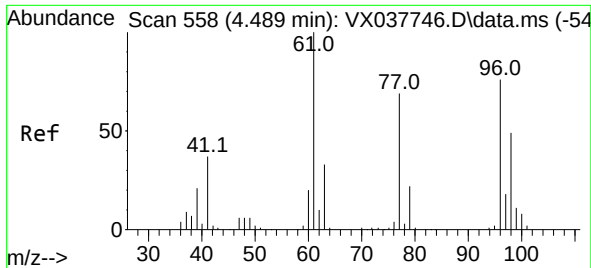
Tgt Ion: 43 Resp: 810

Ion Ratio Lower Upper

43 100

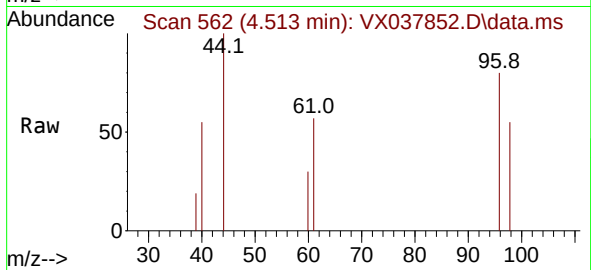
72 0.0 19.4 29.2#





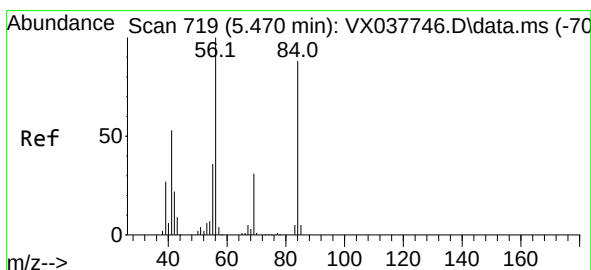
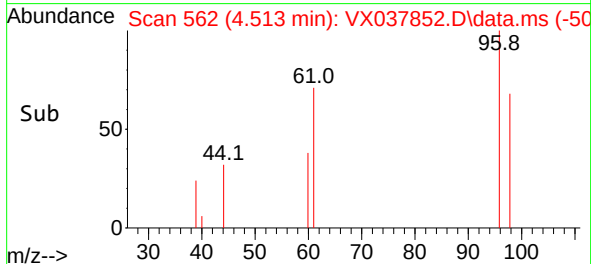
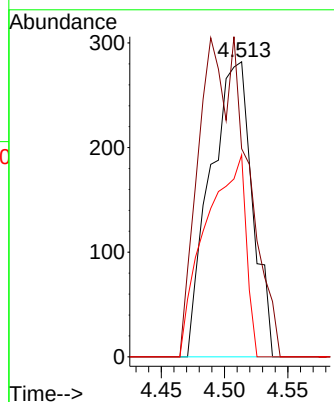
#27
 cis-1,2-Dichloroethene
 Concen: 0.226 ug/l
 RT: 4.513 min Scan# 50
 Delta R.T. 0.024 min
 Lab File: VX037852.D
 Acq: 21 Sep 2023 14:03

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 96 Resp: 652

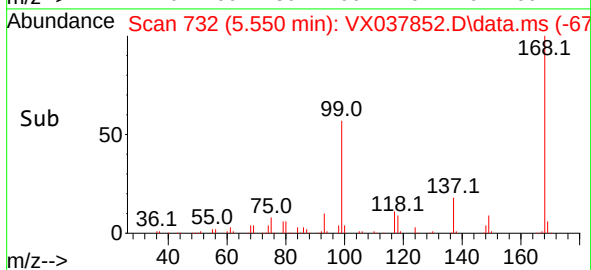
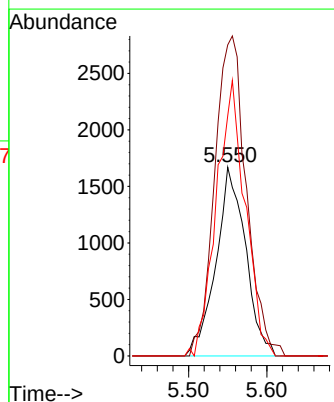
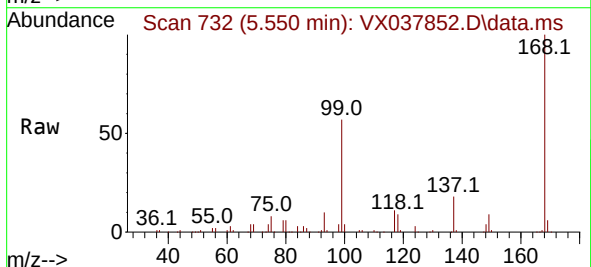
Ion	Ratio	Lower	Upper
96	100		
61	124.8	0.0	312.2
98	65.0	0.0	129.0

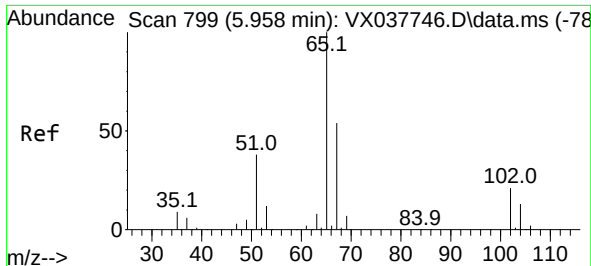


#31
 Cyclohexane
 Concen: 1.198 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. 0.079 min
 Lab File: VX037852.D
 Acq: 21 Sep 2023 14:03

Tgt Ion: 56 Resp: 4385

Ion	Ratio	Lower	Upper
56	100		
69	164.7	23.4	35.2#
84	127.1	65.9	98.9#

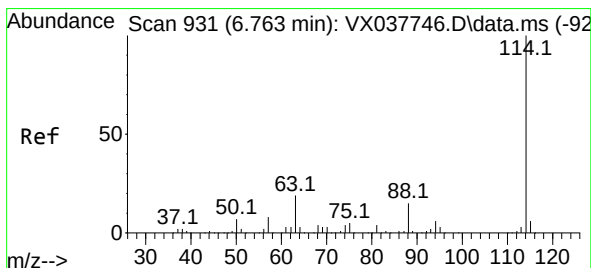
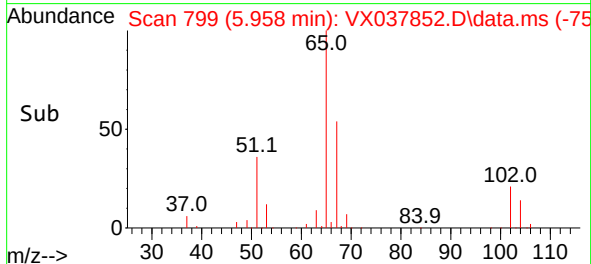
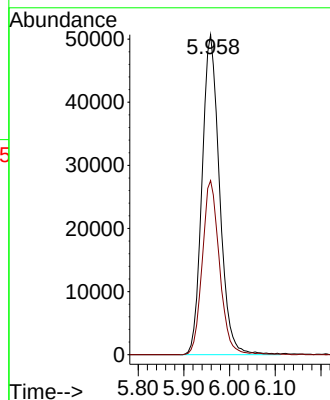
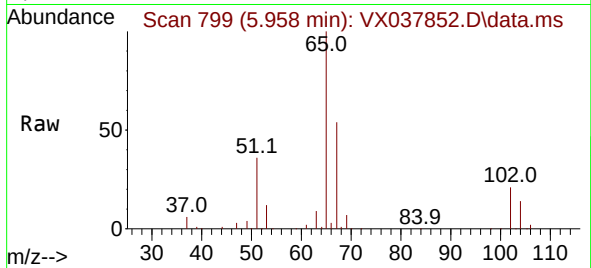




#33
 1,2-Dichloroethane-d4
 Concen: 47.146 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX037852.D
 Acq: 21 Sep 2023 14:03

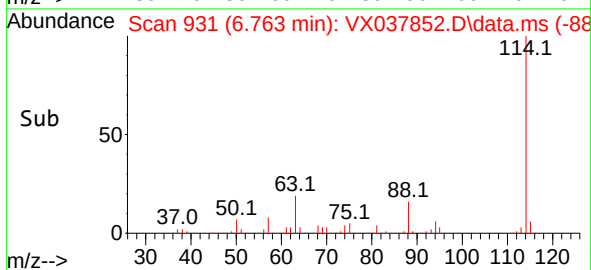
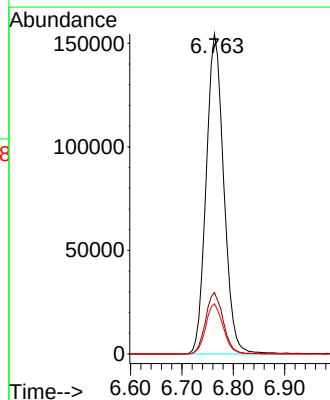
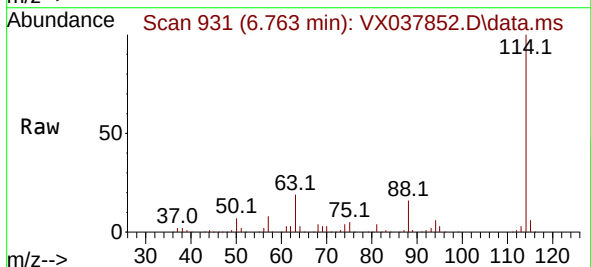
Instrument :
 MSVOA_X
 ClientSampleId :

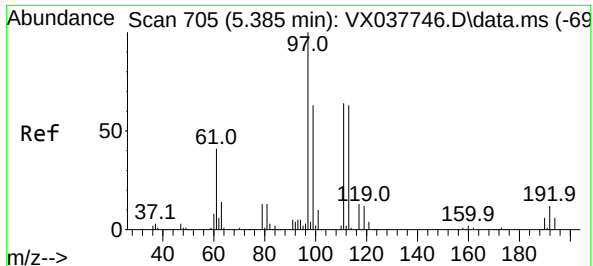
Tgt Ion: 65 Resp: 134404
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX037852.D
 Acq: 21 Sep 2023 14:03

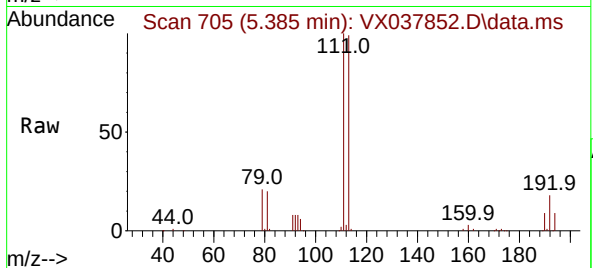
Tgt Ion: 114 Resp: 367386
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 45.0
 88 15.7 0.0 36.6



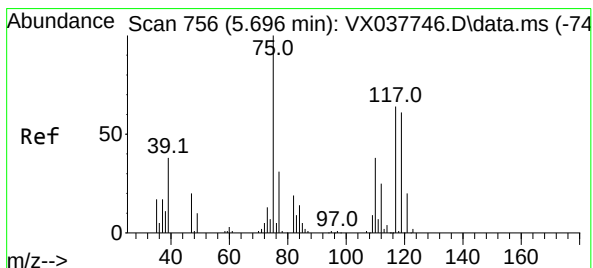
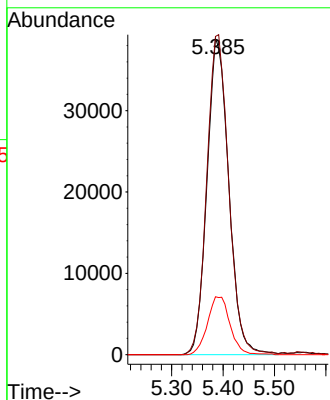
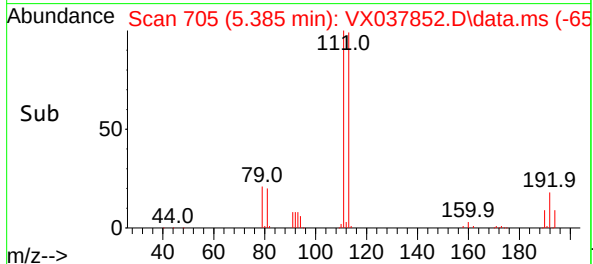


#35
Dibromofluoromethane
Concen: 46.514 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037852.D
Acq: 21 Sep 2023 14:03

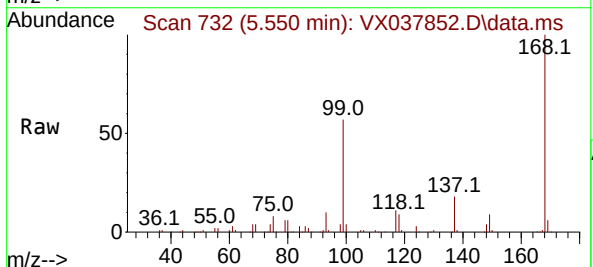
Instrument :
MSVOA_X
ClientSampleId :



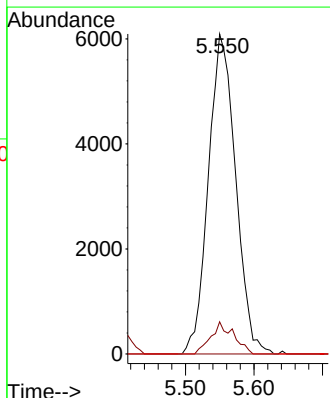
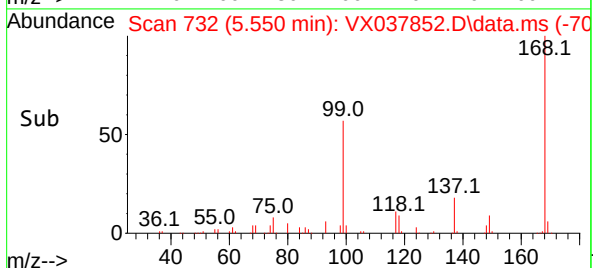
Tgt Ion: 113 Resp: 114341
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 19.1 13.3 19.9

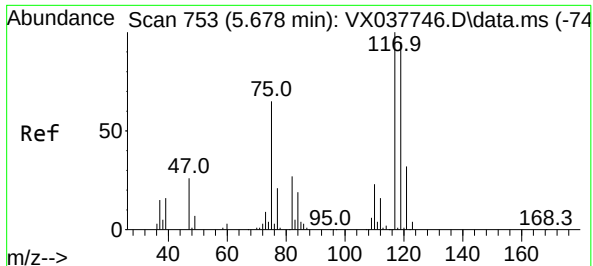


#36
1,1-Dichloropropene
Concen: 4.972 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037852.D
Acq: 21 Sep 2023 14:03



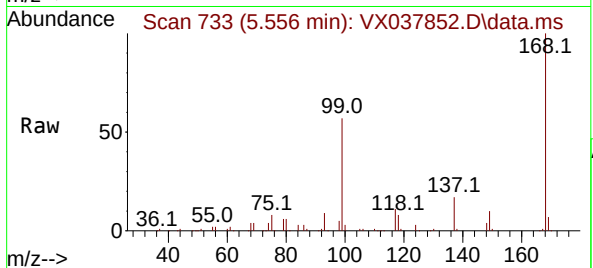
Tgt Ion: 75 Resp: 16837
Ion Ratio Lower Upper
75 100
110 8.4 17.0 50.9#
77 0.0 24.7 37.1#



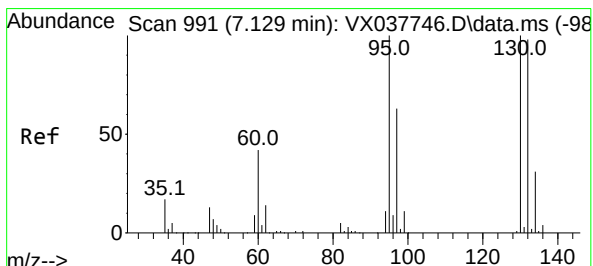
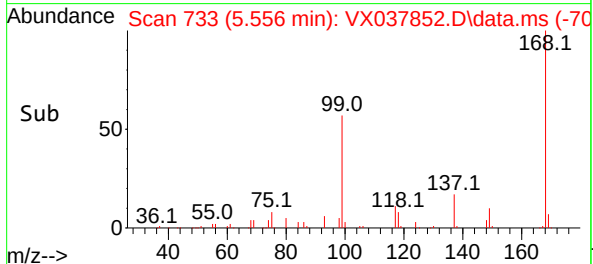
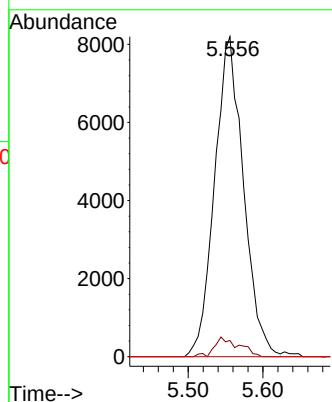


#38
Carbon Tetrachloride
Concen: 6.200 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037852.D
Acq: 21 Sep 2023 14:03

Instrument :
MSVOA_X
ClientSampleId :

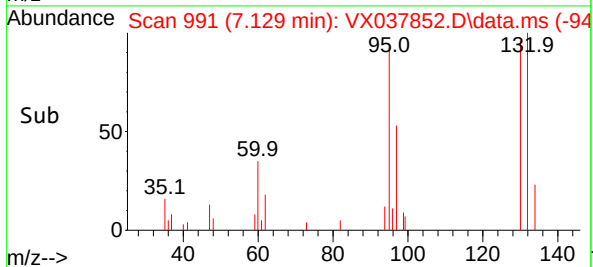
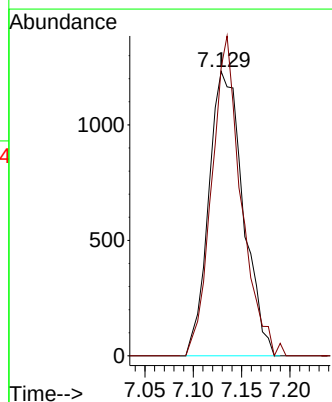
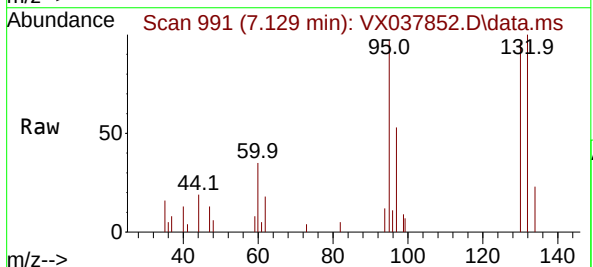


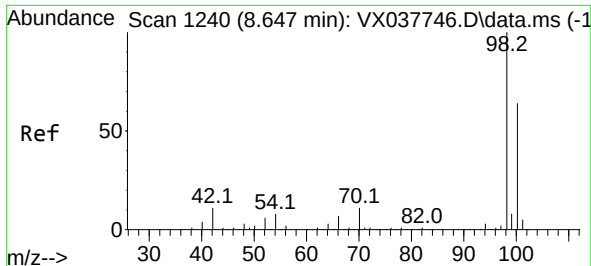
Tgt Ion:117 Resp: 21969
Ion Ratio Lower Upper
117 100
119 5.1 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 1.052 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX037852.D
Acq: 21 Sep 2023 14:03

Tgt Ion:130 Resp: 3050
Ion Ratio Lower Upper
130 100
95 101.4 0.0 204.4





#50

Toluene-d8

Concen: 49.180 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX037852.D

Acq: 21 Sep 2023 14:03

Instrument :

MSVOA_X

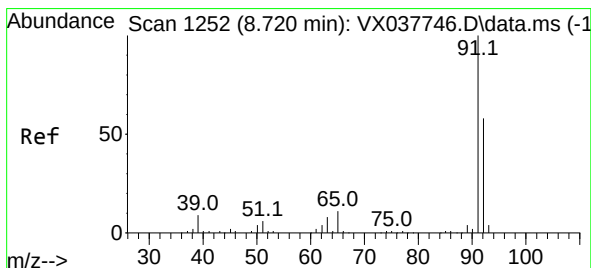
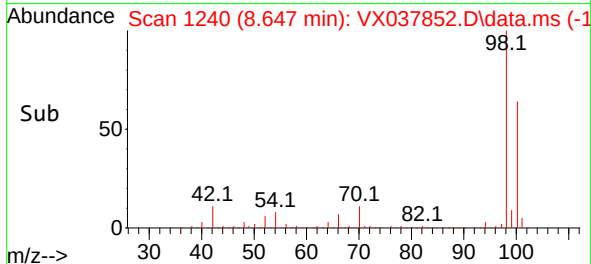
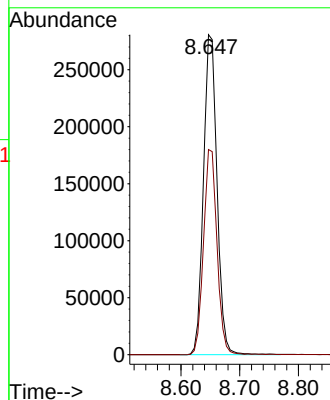
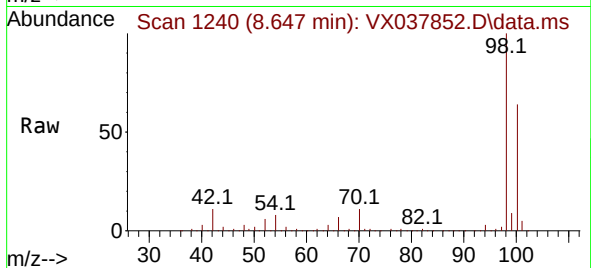
ClientSampleId :

Tgt Ion: 98 Resp: 449198

Ion Ratio Lower Upper

98 100

100 63.9 53.1 79.7



#52

Toluene

Concen: 0.504 ug/l

RT: 8.726 min Scan# 1253

Delta R.T. 0.006 min

Lab File: VX037852.D

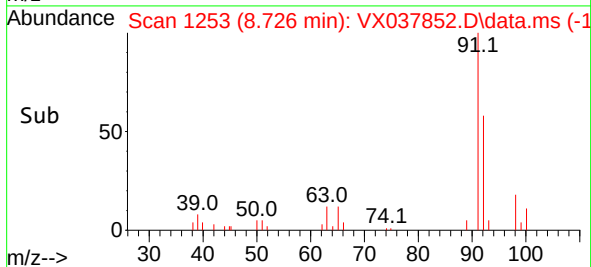
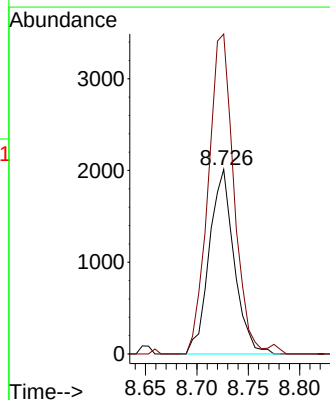
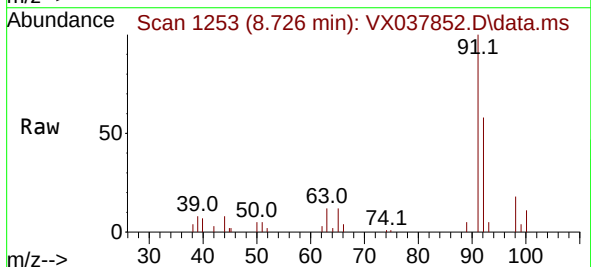
Acq: 21 Sep 2023 14:03

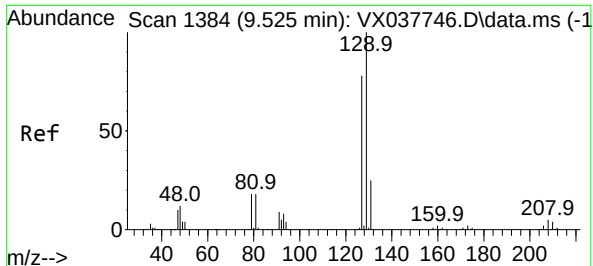
Tgt Ion: 92 Resp: 3383

Ion Ratio Lower Upper

92 100

91 180.6 134.2 201.2

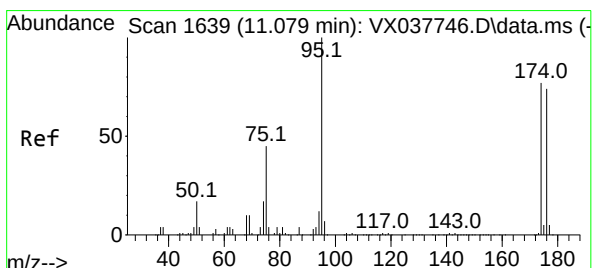
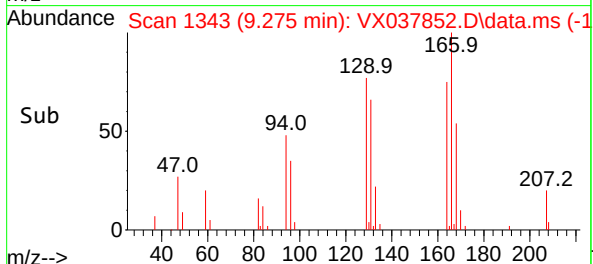
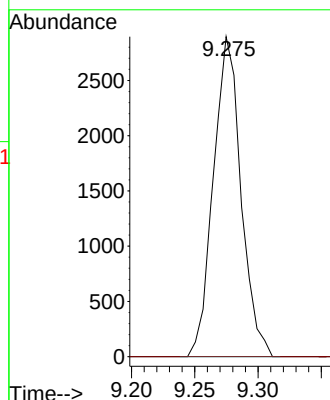
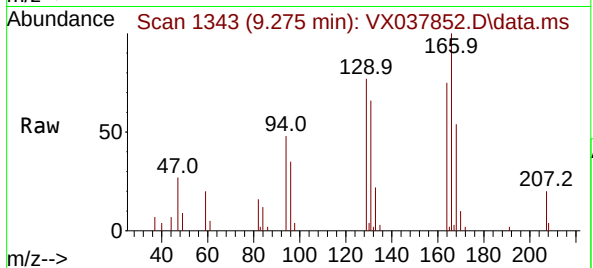




#60
Dibromochloromethane
Concen: 1.559 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX037852.D
Acq: 21 Sep 2023 14:03

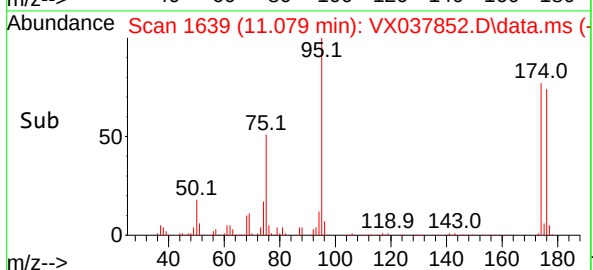
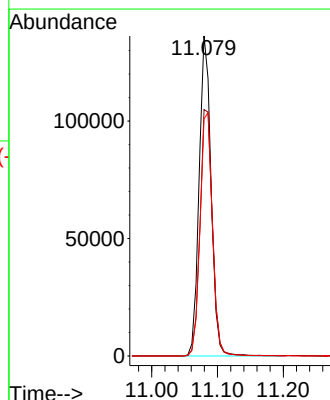
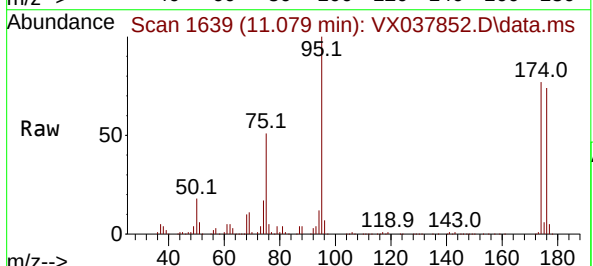
Instrument :
MSVOA_X
ClientSampleId :

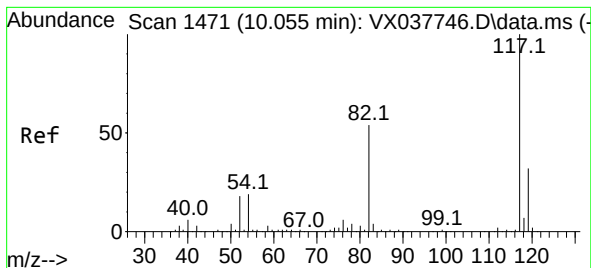
Tgt Ion:129 Resp: 4395
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 51.627 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037852.D
Acq: 21 Sep 2023 14:03

Tgt Ion: 95 Resp: 171352
Ion Ratio Lower Upper
95 100
174 80.4 0.0 135.6
176 79.2 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: VX037852.D

Acq: 21 Sep 2023 14:03

Instrument :

MSVOA_X

ClientSampleId :

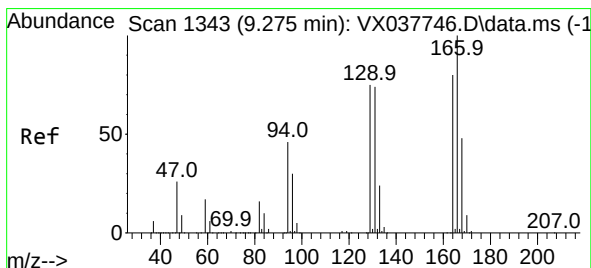
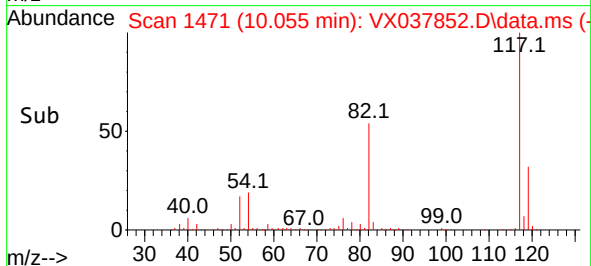
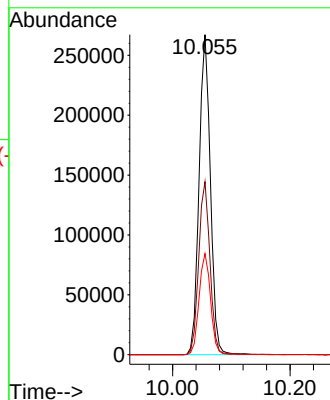
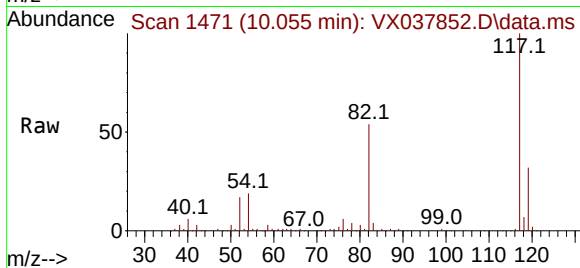
Tgt Ion:117 Resp: 357534

Ion Ratio Lower Upper

117 100

82 54.1 46.2 69.4

119 31.6 25.5 38.3



#64

Tetrachloroethene

Concen: 1.863 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX037852.D

Acq: 21 Sep 2023 14:03

Tgt Ion:164 Resp: 4542

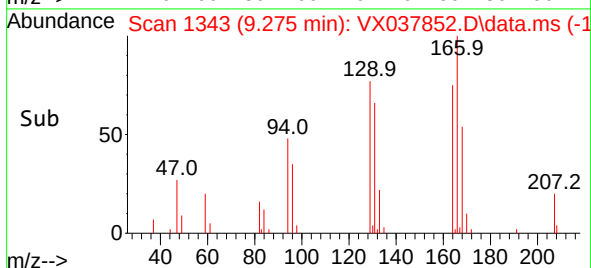
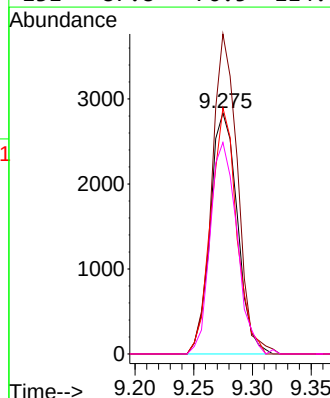
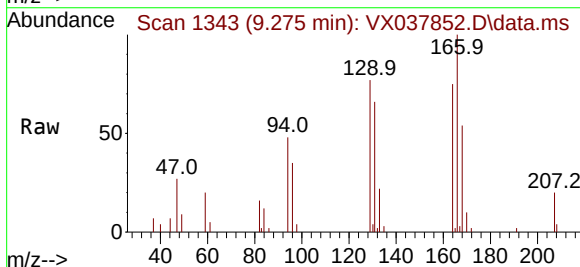
Ion Ratio Lower Upper

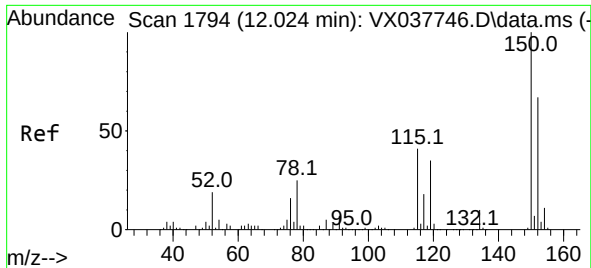
164 100

166 132.8 102.7 154.1

129 102.2 80.4 120.6

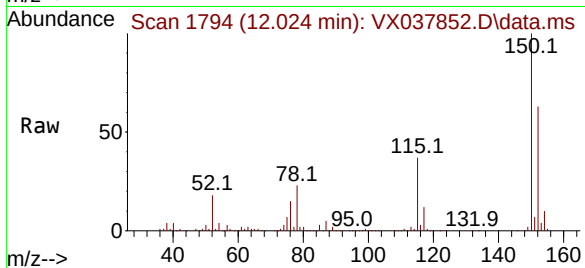
131 87.8 76.5 114.7



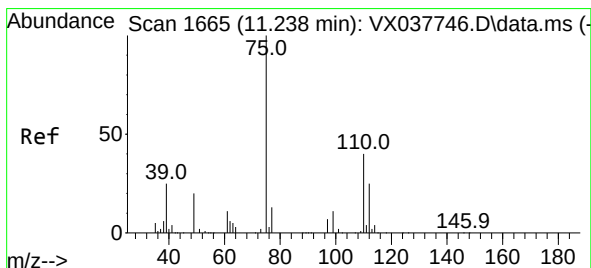
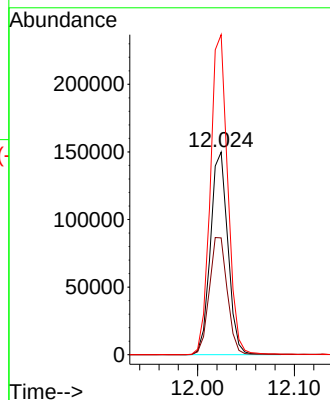
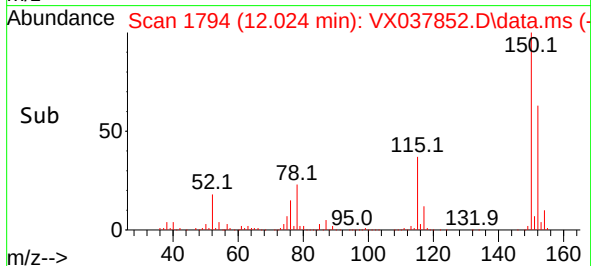


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX037852.D
 Acq: 21 Sep 2023 14:03

Instrument :
 MSVOA_X
 ClientSampleId :

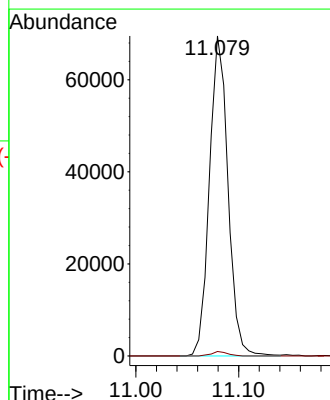
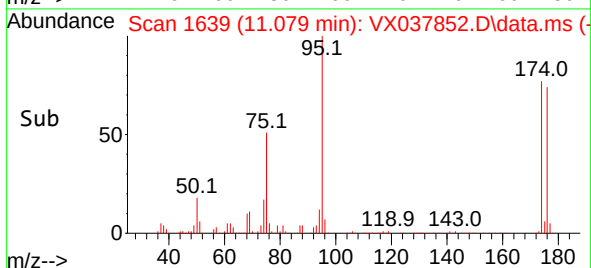
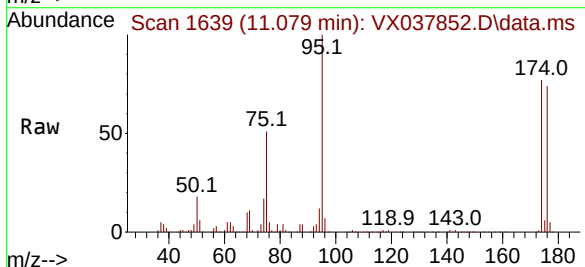


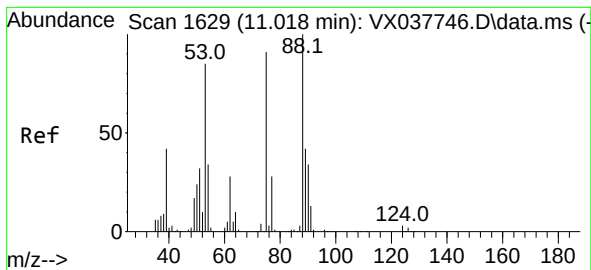
Tgt Ion:152 Resp: 188130
 Ion Ratio Lower Upper
 152 100
 115 59.9 43.3 129.9
 150 158.3 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 20.015 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX037852.D
 Acq: 21 Sep 2023 14:03

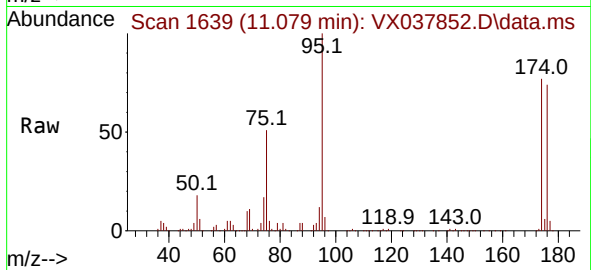
Tgt Ion: 75 Resp: 87092
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.116 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX037852.D
 Acq: 21 Sep 2023 14:03

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 87092
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

