

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082223\
 Data File : VX037161.D
 Acq On : 22 Aug 2023 18:57
 Operator : JC/MD
 Sample : 04051-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE109D2-20230816

Quant Time: Aug 23 01:46:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

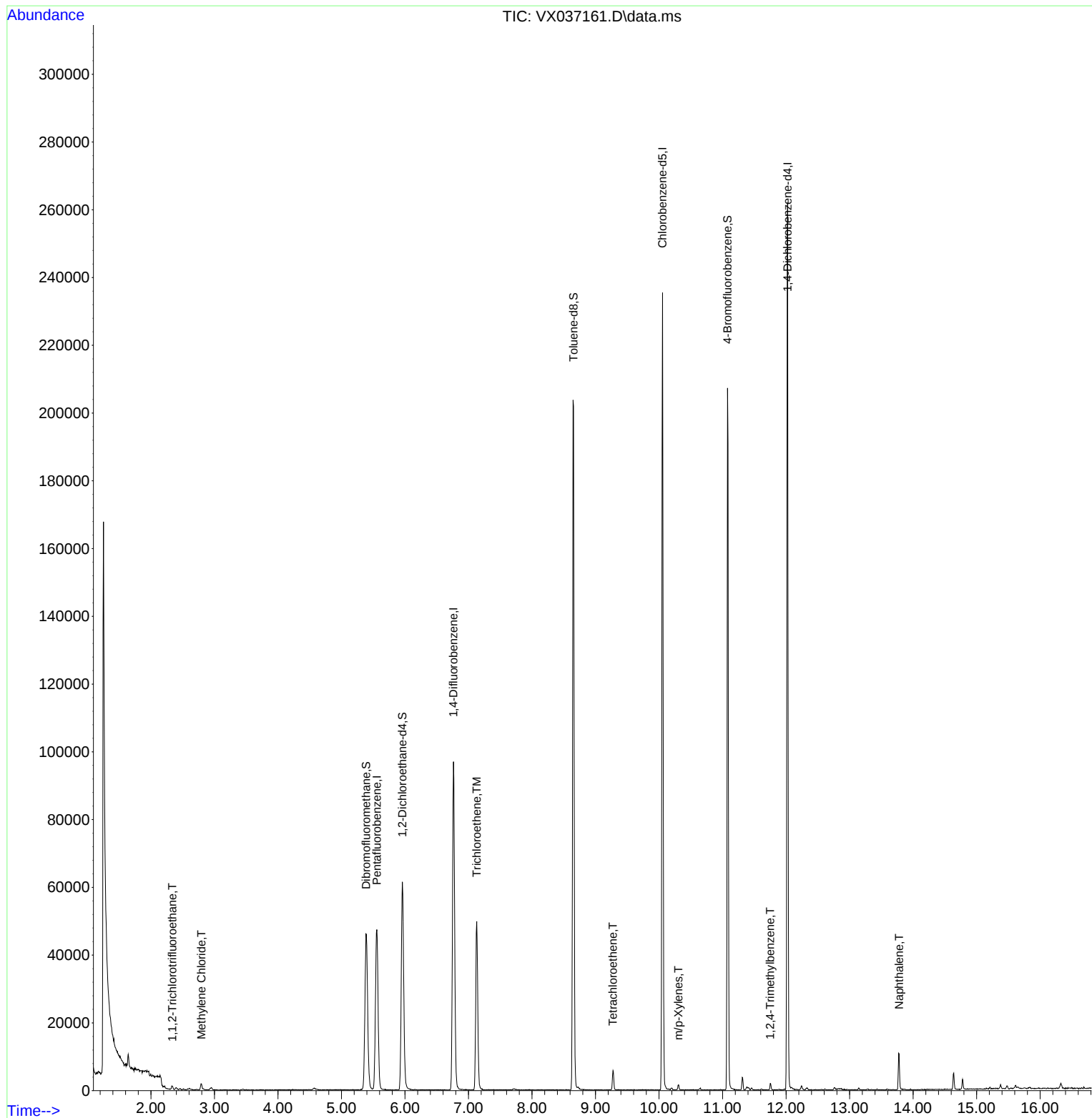
Internal Standards						
1) Pentafluorobenzene	5.556	168	45085	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	100089	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	106134	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55192	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62583	96.284	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 192.560%#	
35) Dibromofluoromethane	5.385	113	41981	63.333	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 126.660%#	
50) Toluene-d8	8.653	98	127527	53.038	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 106.080%	
62) 4-Bromofluorobenzene	11.079	95	58980	62.418	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 124.840%#	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.337	101	510	1.070	ug/l #	90
20) Methylene Chloride	2.794	84	901	1.584	ug/l #	69
44) Trichloroethene	7.129	130	20074	26.211	ug/l	95
64) Tetrachloroethene	9.275	164	415	0.536	ug/l #	59
68) m/p-Xylenes	10.305	106	407	0.267	ug/l	77
84) 1,2,4-Trimethylbenzene	11.750	105	1187	0.351	ug/l	99
95) Naphthalene	13.780	128	8314	1.806	ug/l	97

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

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RE109D2-20230816

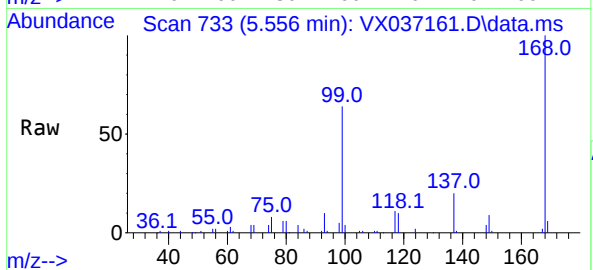
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration



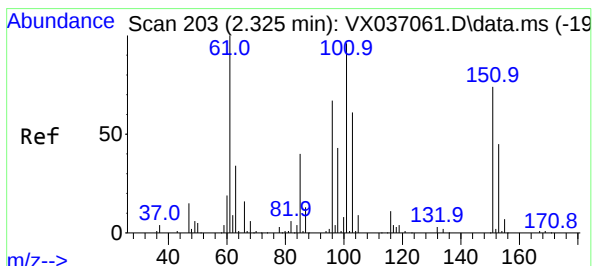
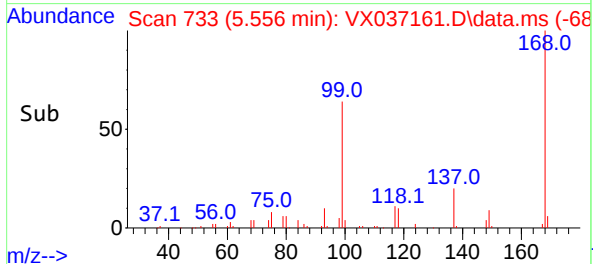
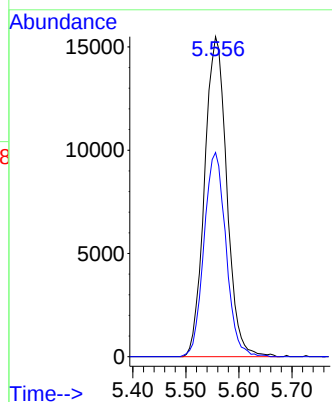


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037161.D
Acq: 22 Aug 2023 18:57

Instrument :
MSVOA_X
ClientSampleId :
RE109D2-20230816

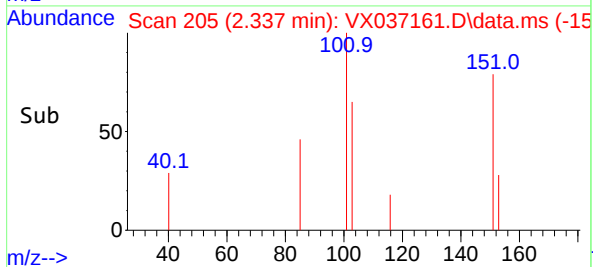
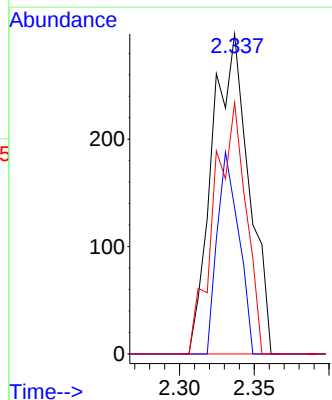
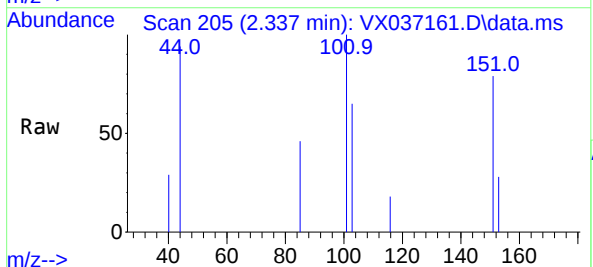


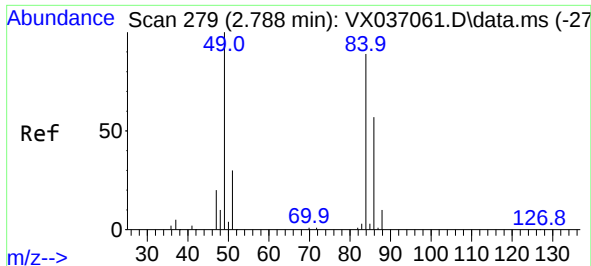
Tgt Ion:168 Resp: 45085
Ion Ratio Lower Upper
168 100
99 63.8 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.070 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.012 min
Lab File: VX037161.D
Acq: 22 Aug 2023 18:57

Tgt Ion:101 Resp: 510
Ion Ratio Lower Upper
101 100
85 36.9 37.0 55.6#
151 67.6 58.6 87.8

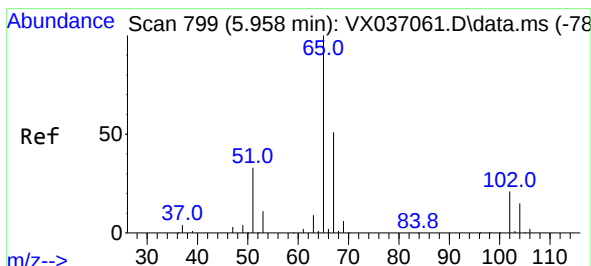
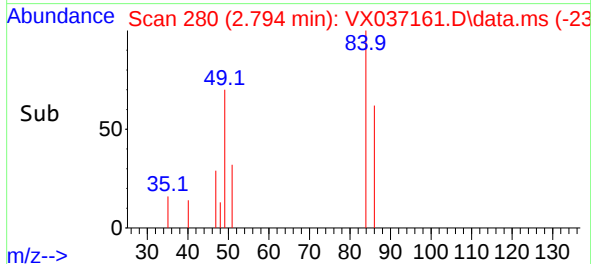
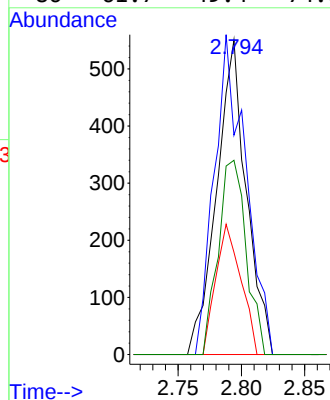
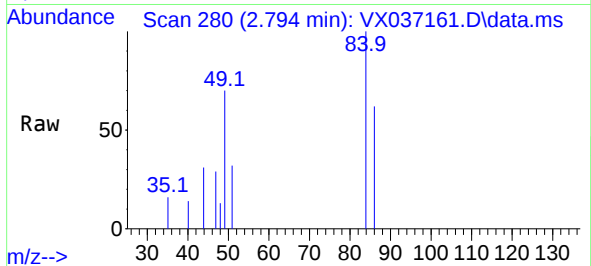




#20
Methylene Chloride
Concen: 1.584 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX037161.D
Acq: 22 Aug 2023 18:57

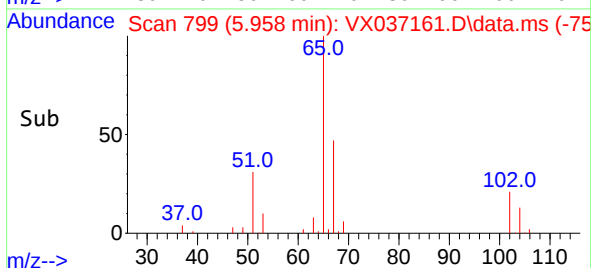
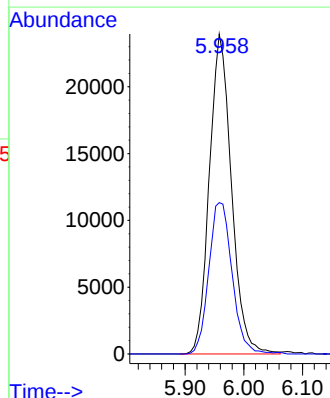
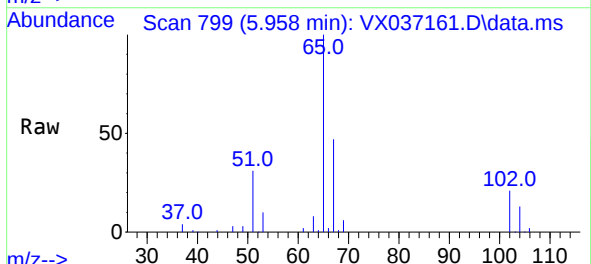
Instrument :
MSVOA_X
ClientSampleId :
RE109D2-20230816

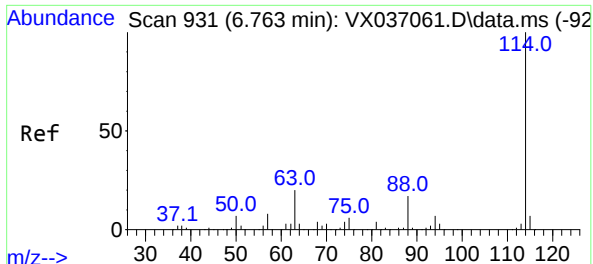
Tgt Ion: 84 Resp: 901
Ion Ratio Lower Upper
84 100
49 69.7 103.6 155.4#
51 32.5 33.8 50.6#
86 61.7 49.4 74.0



#33
1,2-Dichloroethane-d4
Concen: 96.284 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX037161.D
Acq: 22 Aug 2023 18:57

Tgt Ion: 65 Resp: 62583
Ion Ratio Lower Upper
65 100
67 50.0 0.0 100.2

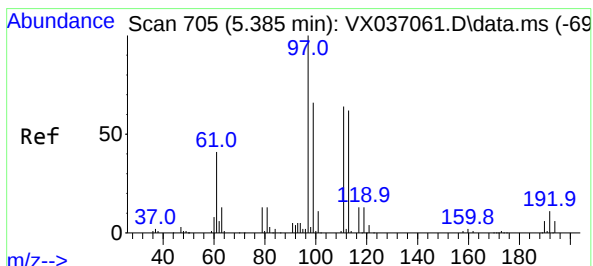
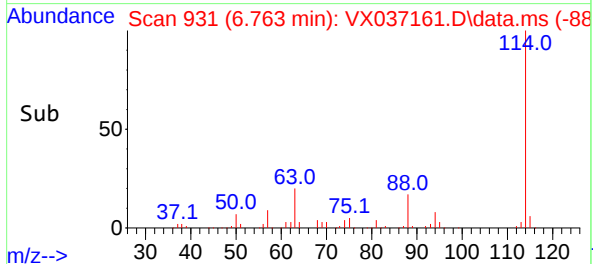
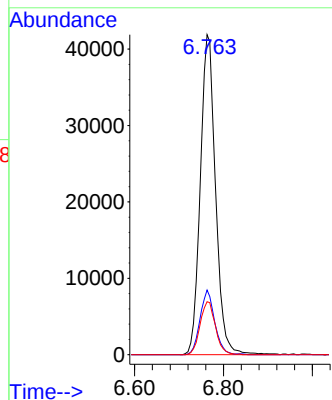
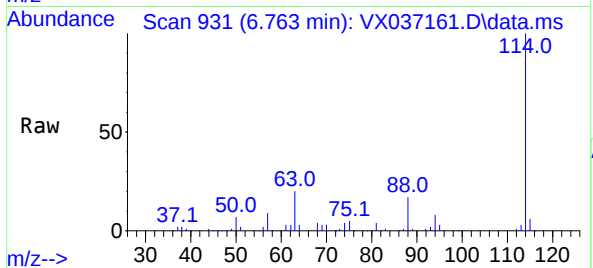




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX037161.D
Acq: 22 Aug 2023 18:57

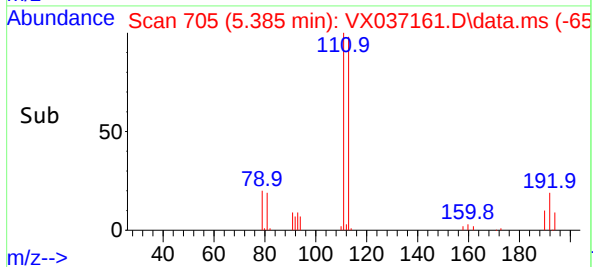
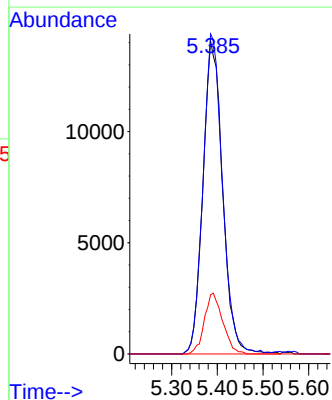
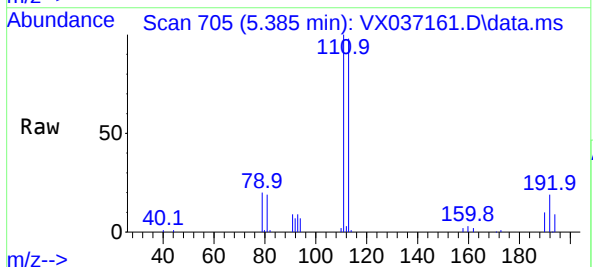
Instrument :
MSVOA_X
ClientSampleId :
RE109D2-20230816

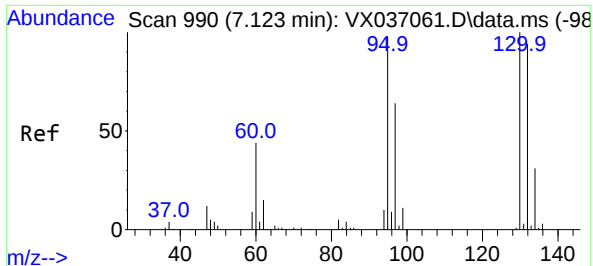
Tgt Ion:114 Resp: 100089
Ion Ratio Lower Upper
114 100
63 20.2 0.0 45.0
88 16.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 63.333 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037161.D
Acq: 22 Aug 2023 18:57

Tgt Ion:113 Resp: 41981
Ion Ratio Lower Upper
113 100
111 101.3 82.9 124.3
192 18.1 13.3 19.9





#44

Trichloroethene

Concen: 26.211 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX037161.D

Acq: 22 Aug 2023 18:57

Instrument :

MSVOA_X

ClientSampleId :

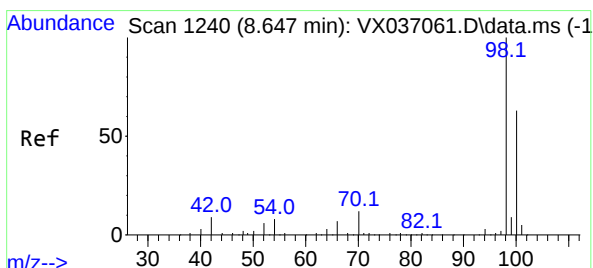
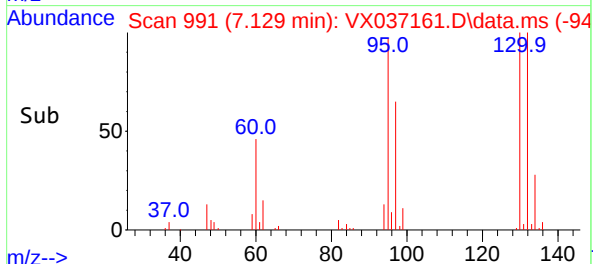
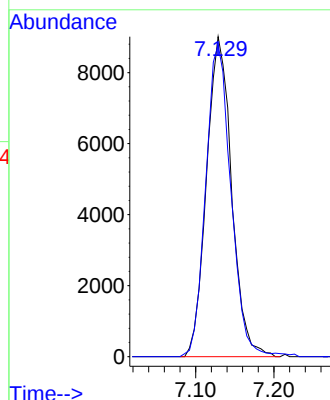
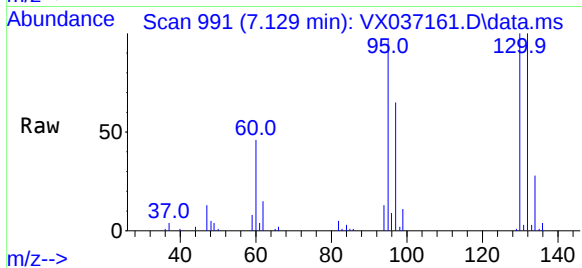
RE109D2-20230816

Tgt Ion:130 Resp: 20074

Ion Ratio Lower Upper

130 100

95 97.4 0.0 204.4



#50

Toluene-d8

Concen: 53.038 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VX037161.D

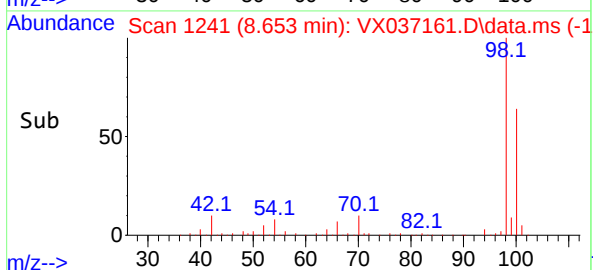
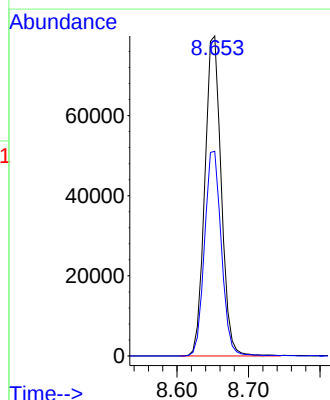
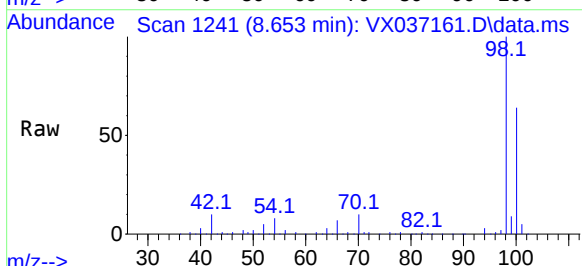
Acq: 22 Aug 2023 18:57

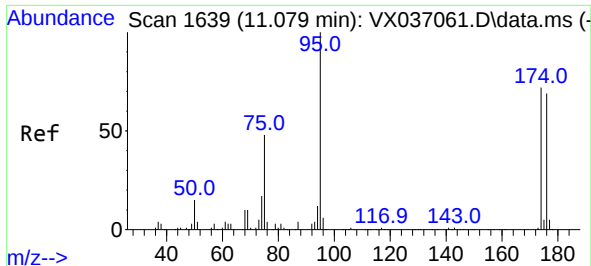
Tgt Ion: 98 Resp: 127527

Ion Ratio Lower Upper

98 100

100 65.5 53.1 79.7

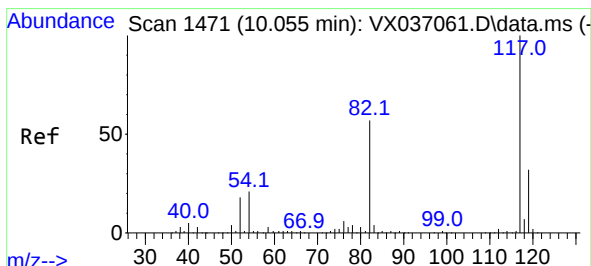
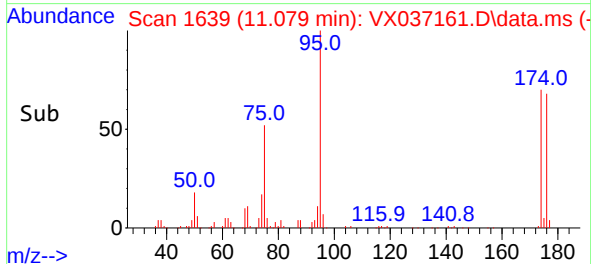
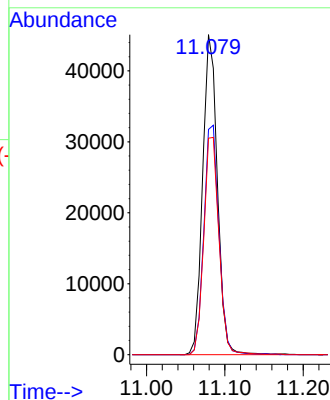
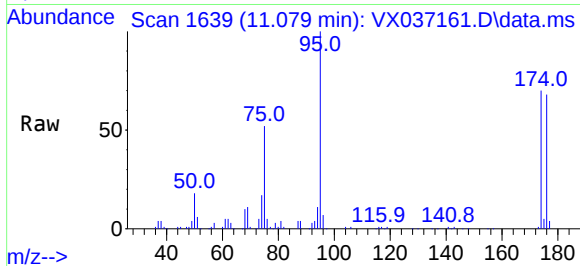




#62
4-Bromofluorobenzene
Concen: 62.418 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037161.D
Acq: 22 Aug 2023 18:57

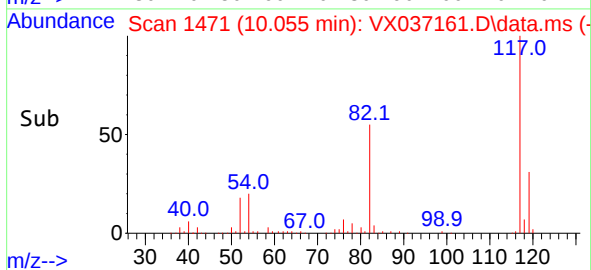
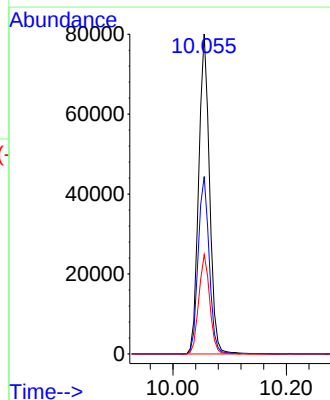
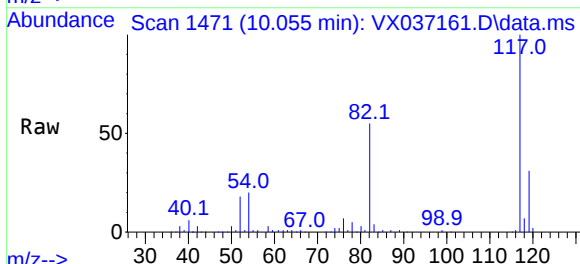
Instrument :
MSVOA_X
ClientSampleId :
RE109D2-20230816

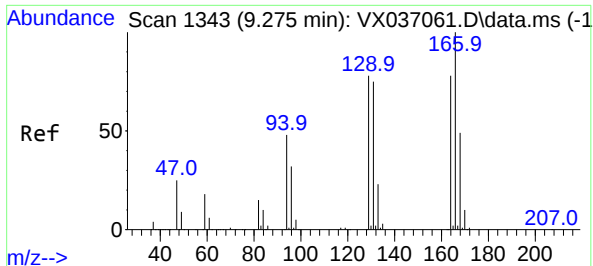
Tgt Ion: 95 Resp: 58980
Ion Ratio Lower Upper
95 100
174 72.9 0.0 135.6
176 69.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037161.D
Acq: 22 Aug 2023 18:57

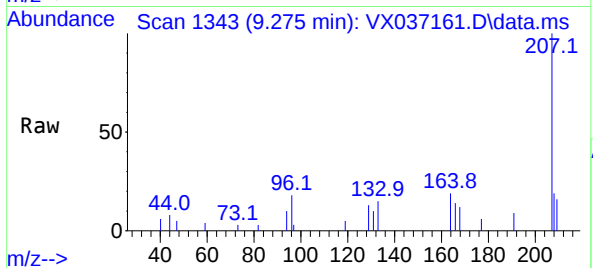
Tgt Ion: 117 Resp: 106134
Ion Ratio Lower Upper
117 100
82 55.5 46.2 69.4
119 31.1 25.5 38.3



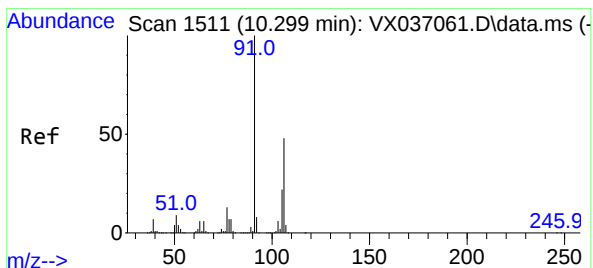
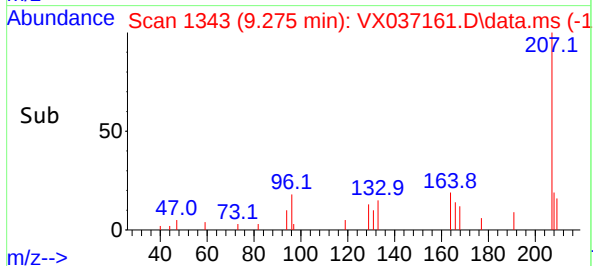
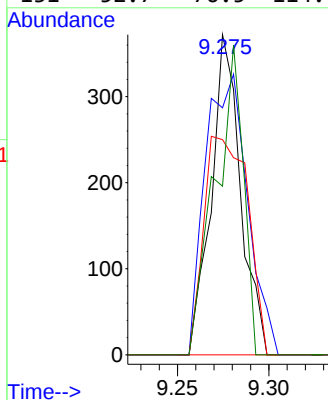


#64
Tetrachloroethene
Concen: 0.536 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037161.D
Acq: 22 Aug 2023 18:57

Instrument :
MSVOA_X
ClientSampleId :
RE109D2-20230816

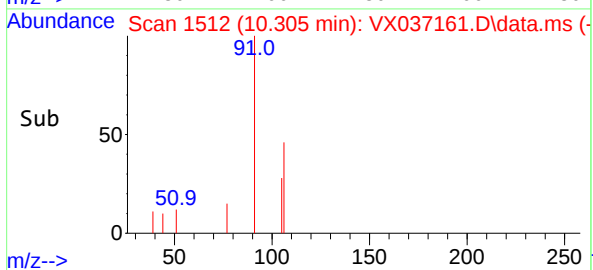
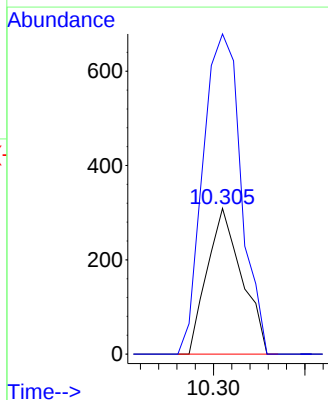
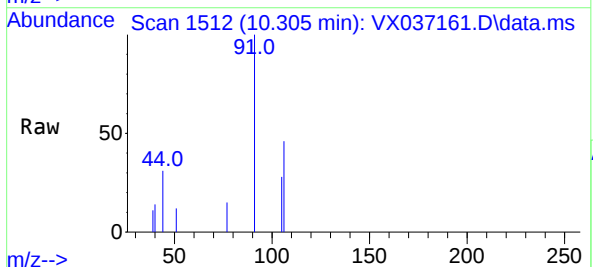


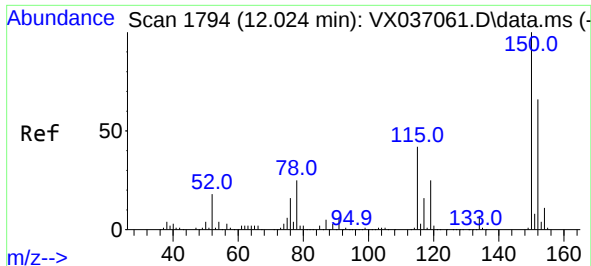
Tgt Ion:164 Resp: 415
Ion Ratio Lower Upper
164 100
166 77.2 102.7 154.1#
129 67.2 80.4 120.6#
131 52.7 76.5 114.7#



#68
m/p-Xylenes
Concen: 0.267 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX037161.D
Acq: 22 Aug 2023 18:57

Tgt Ion:106 Resp: 407
Ion Ratio Lower Upper
106 100
91 242.3 165.5 248.3

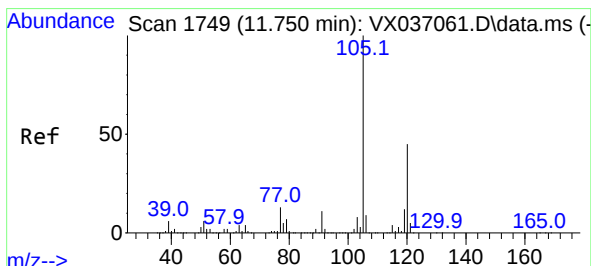
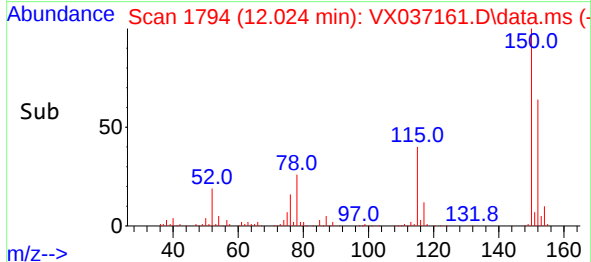
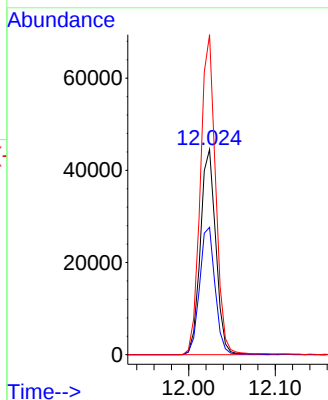
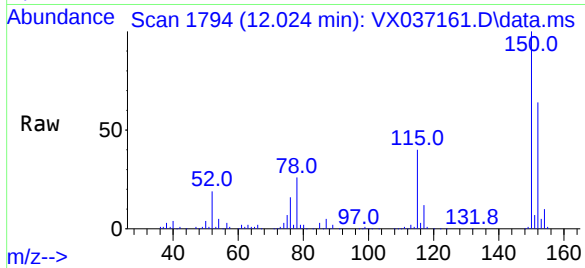




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037161.D
Acq: 22 Aug 2023 18:57

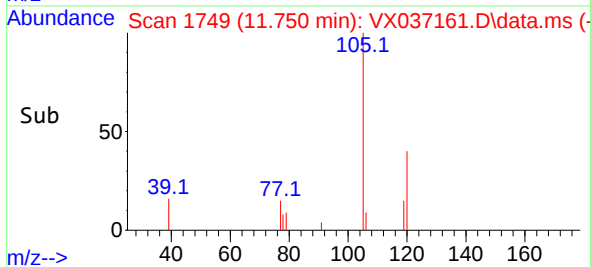
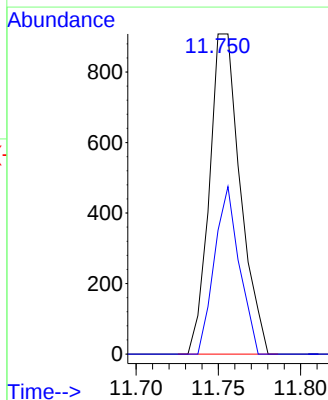
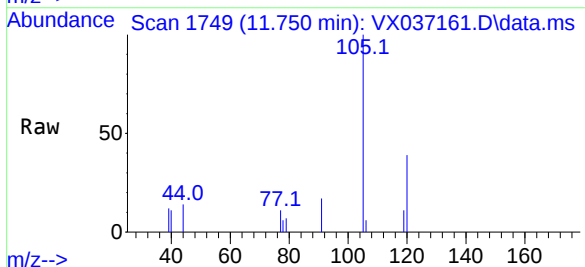
Instrument :
MSVOA_X
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RE109D2-20230816

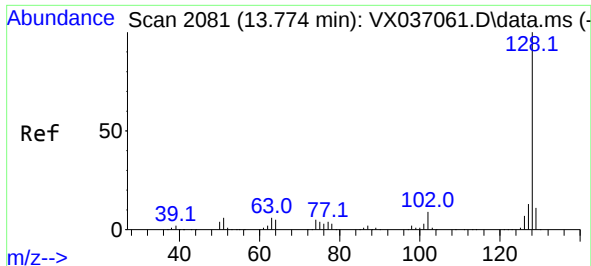
Tgt Ion:152 Resp: 55192
Ion Ratio Lower Upper
152 100
115 62.7 43.3 129.9
150 153.5 0.0 345.0



#84
1,2,4-Trimethylbenzene
Concen: 0.351 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX037161.D
Acq: 22 Aug 2023 18:57

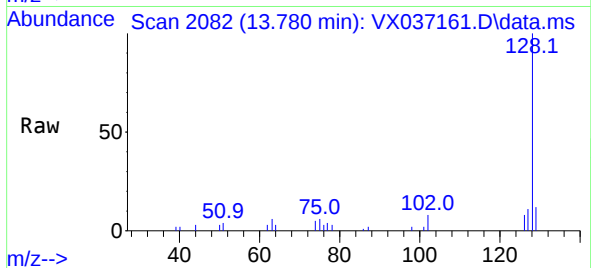
Tgt Ion:105 Resp: 1187
Ion Ratio Lower Upper
105 100
120 42.0 21.2 63.6





#95
Naphthalene
Concen: 1.806 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX037161.D
Acq: 22 Aug 2023 18:57

Instrument :
MSVOA_X
ClientSampleId :
RE109D2-20230816



Tgt Ion:	128	Resp:	8314
Ion	Ratio	Lower	Upper
128	100		
127	10.9	10.3	15.5
129	11.3	8.8	13.2

