

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082223\
 Data File : VX037160.D
 Acq On : 22 Aug 2023 18:34
 Operator : JC/MD
 Sample : 04051-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D3-20230816

Quant Time: Aug 23 01:46:30 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)

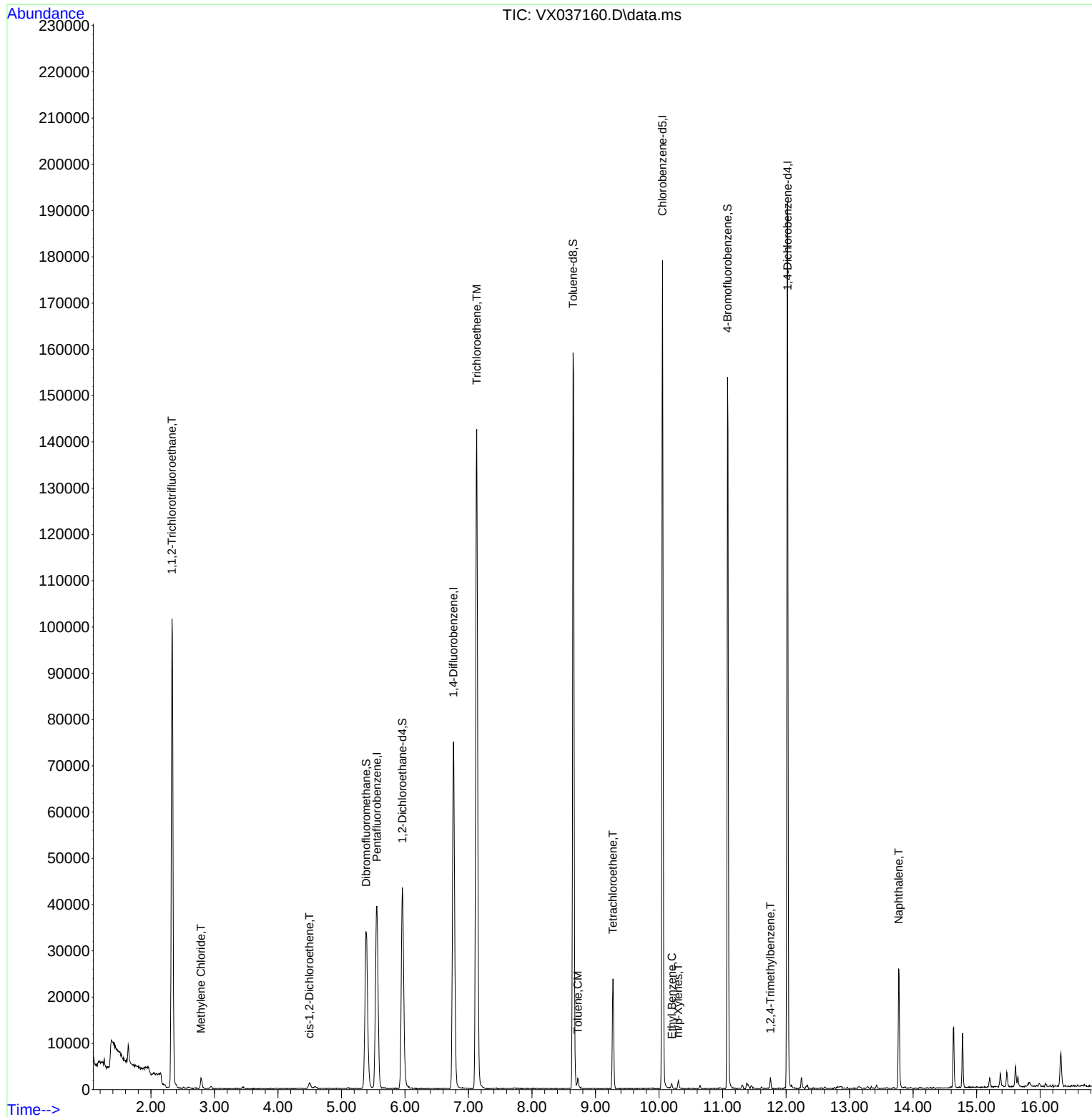
Internal Standards						
1) Pentafluorobenzene	5.556	168	37383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	78474	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	80290	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	41496	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	44653	82.853	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 165.700%#	
35) Dibromofluoromethane	5.385	113	30908	59.471	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 118.940%	
50) Toluene-d8	8.647	98	98167	52.072	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.140%	
62) 4-Bromofluorobenzene	11.079	95	43050	58.108	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 116.220%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	40249	101.852	ug/l	98
20) Methylene Chloride	2.788	84	1085	2.301	ug/l	88
27) cis-1,2-Dichloroethene	4.495	96	880	1.706	ug/l	77
44) Trichloroethene	7.129	130	56560	94.192	ug/l	99
52) Toluene	8.720	92	902	0.645	ug/l	88
64) Tetrachloroethene	9.275	164	4231	7.224	ug/l	88
67) Ethyl Benzene	10.201	91	1034	0.346	ug/l #	56
68) m/p-Xylenes	10.299	106	482	0.418	ug/l	83
84) 1,2,4-Trimethylbenzene	11.756	105	1320	0.519	ug/l	97
95) Naphthalene	13.774	128	18077	5.223	ug/l	99

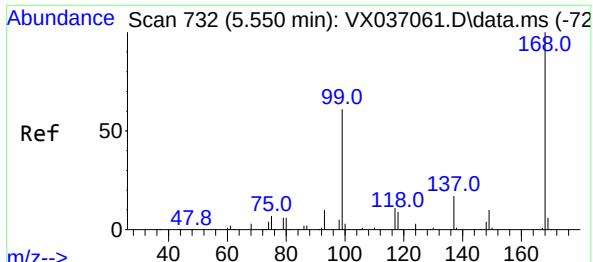
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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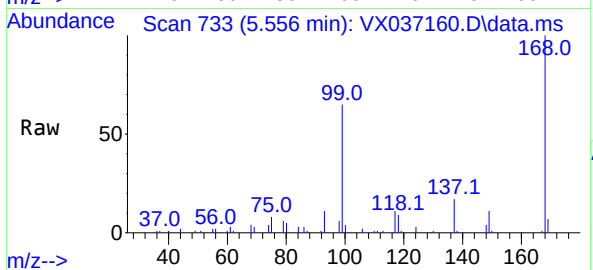
Quant Time: Aug 23 01:46:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
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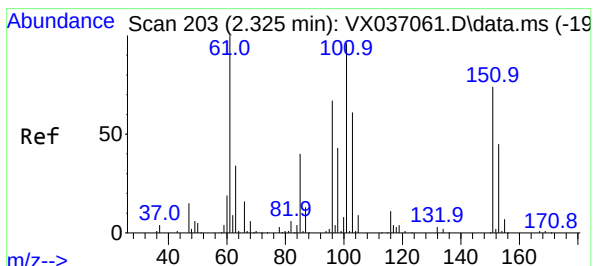
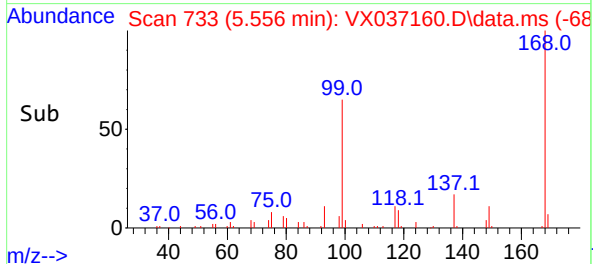
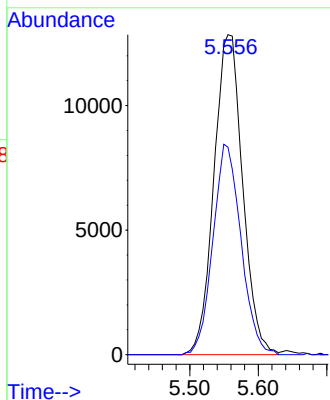


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037160.D
Acq: 22 Aug 2023 18:34

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20230816

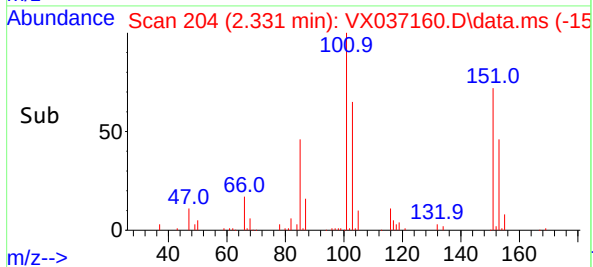
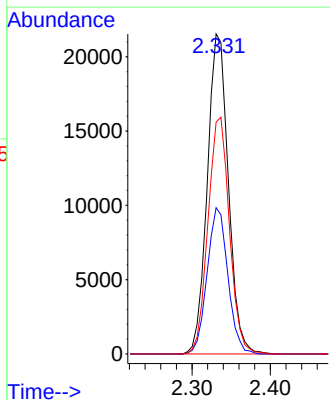
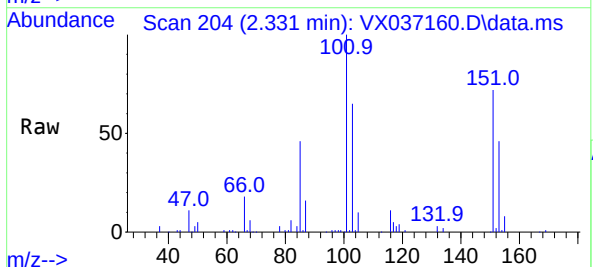


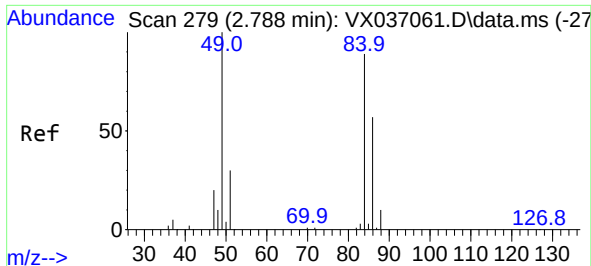
Tgt Ion:168 Resp: 37383
Ion Ratio Lower Upper
168 100
99 64.9 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 101.852 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX037160.D
Acq: 22 Aug 2023 18:34

Tgt Ion:101 Resp: 40249
Ion Ratio Lower Upper
101 100
85 45.0 37.0 55.6
151 75.3 58.6 87.8





#20

Methylene Chloride

Concen: 2.301 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX037160.D

Acq: 22 Aug 2023 18:34

Instrument :

MSVOA_X

ClientSampleId :

RE125D3-20230816

Tgt Ion: 84 Resp: 1085

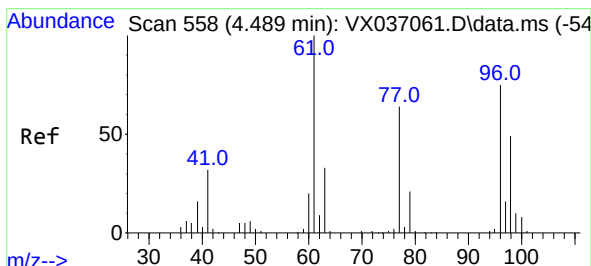
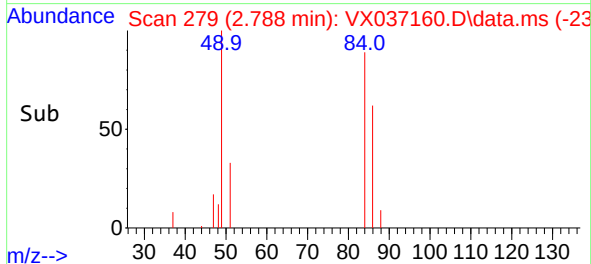
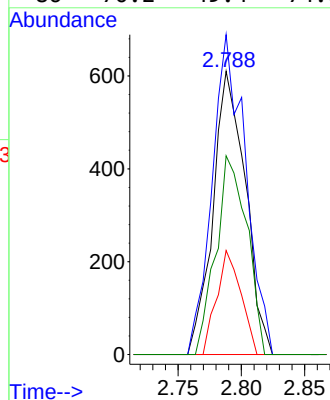
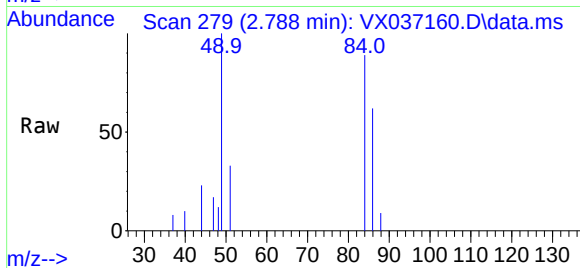
Ion Ratio Lower Upper

84 100

49 113.0 103.6 155.4

51 36.7 33.8 50.6

86 70.2 49.4 74.0



#27

cis-1,2-Dichloroethene

Concen: 1.706 ug/l

RT: 4.495 min Scan# 559

Delta R.T. 0.006 min

Lab File: VX037160.D

Acq: 22 Aug 2023 18:34

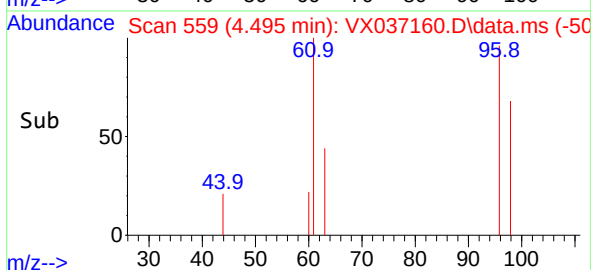
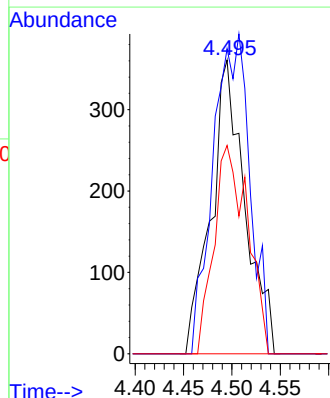
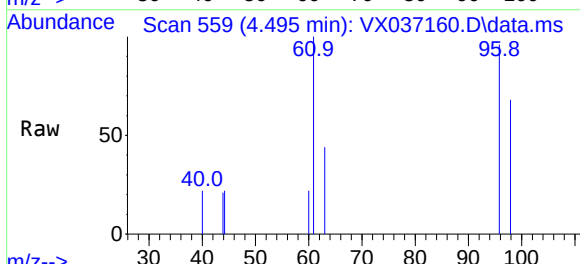
Tgt Ion: 96 Resp: 880

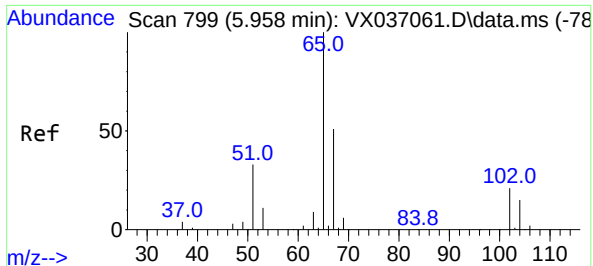
Ion Ratio Lower Upper

96 100

61 117.6 0.0 312.2

98 70.5 0.0 129.0

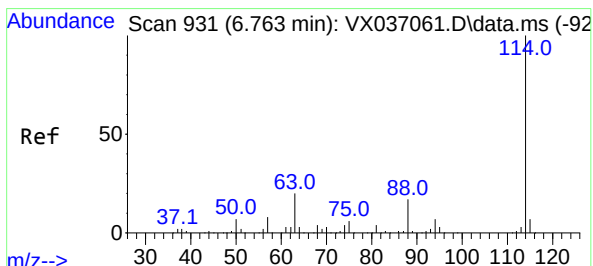
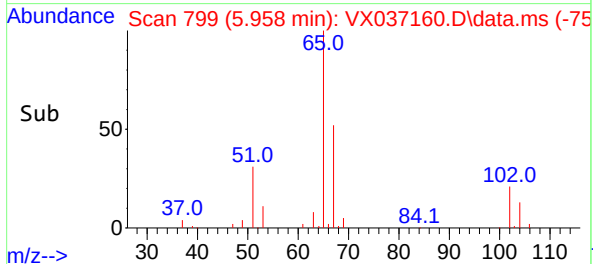
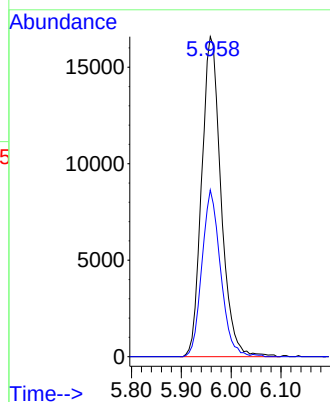
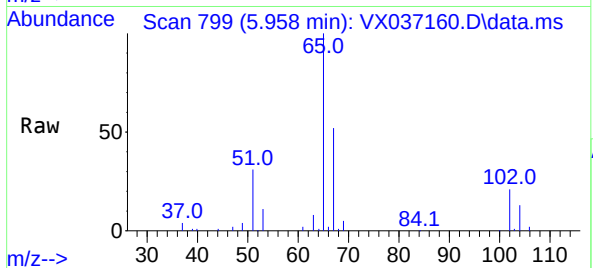




#33
1,2-Dichloroethane-d4
Concen: 82.853 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX037160.D
Acq: 22 Aug 2023 18:34

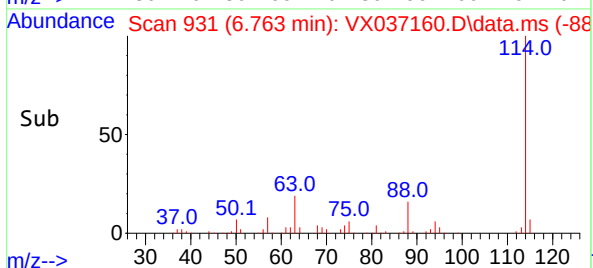
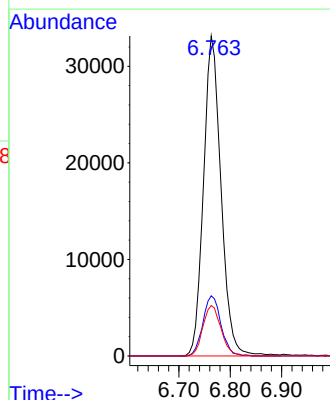
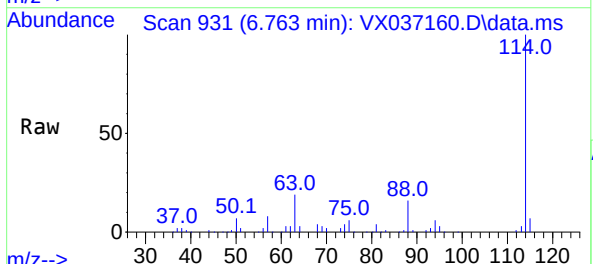
Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20230816

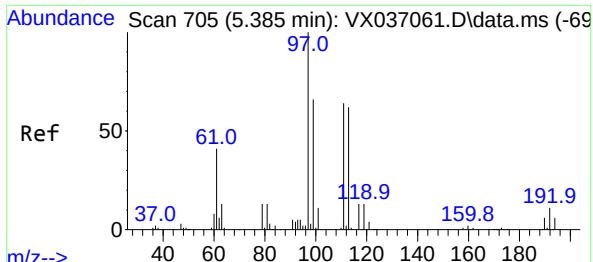
Tgt Ion: 65 Resp: 44653
Ion Ratio Lower Upper
65 100
67 50.1 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX037160.D
Acq: 22 Aug 2023 18:34

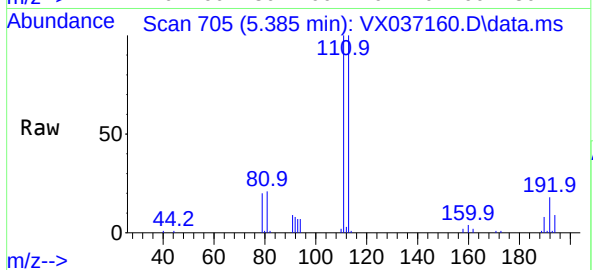
Tgt Ion: 114 Resp: 78474
Ion Ratio Lower Upper
114 100
63 18.8 0.0 45.0
88 15.8 0.0 36.6



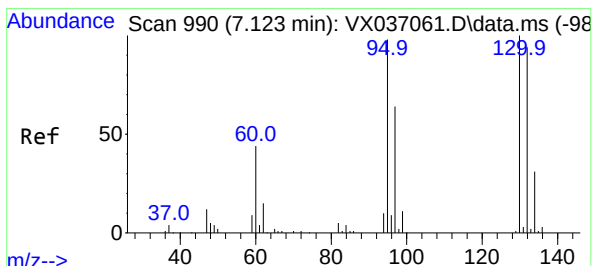
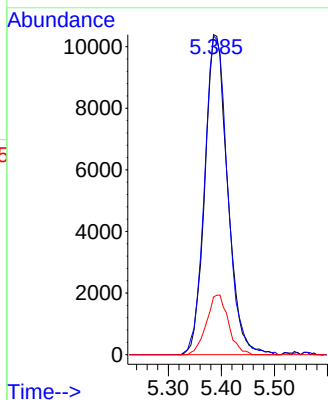
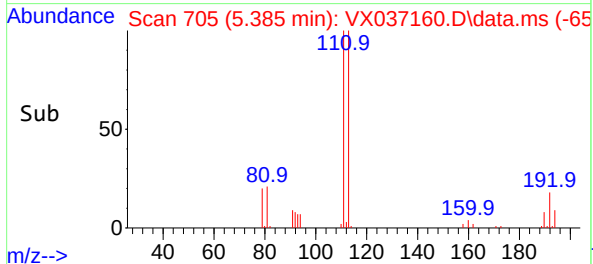


#35
Dibromofluoromethane
Concen: 59.471 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037160.D
Acq: 22 Aug 2023 18:34

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20230816

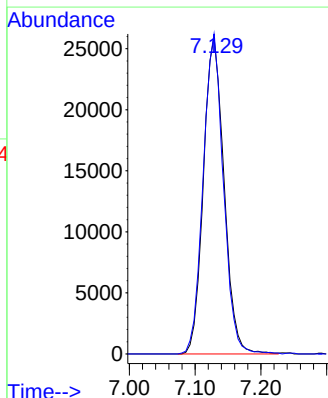
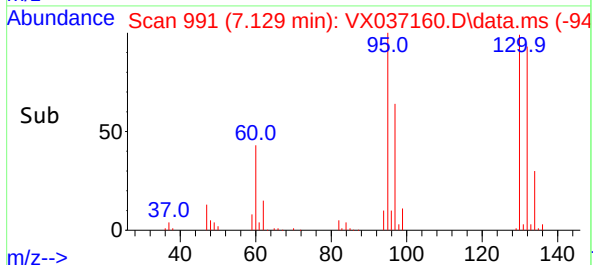
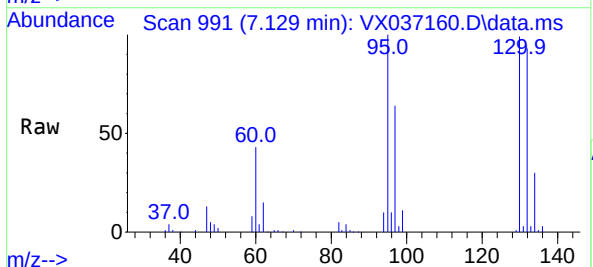


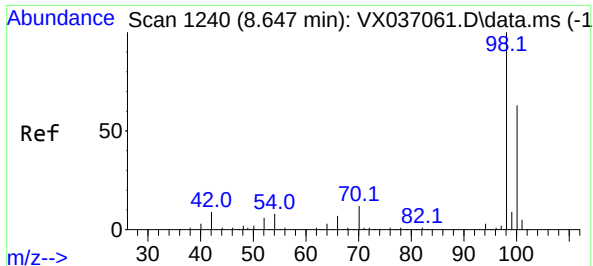
Tgt Ion:113 Resp: 30908
Ion Ratio Lower Upper
113 100
111 101.7 82.9 124.3
192 18.0 13.3 19.9



#44
Trichloroethene
Concen: 94.192 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037160.D
Acq: 22 Aug 2023 18:34

Tgt Ion:130 Resp: 56560
Ion Ratio Lower Upper
130 100
95 100.8 0.0 204.4





#50

Toluene-d8

Concen: 52.072 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037160.D

Acq: 22 Aug 2023 18:34

Instrument :

MSVOA_X

ClientSampleId :

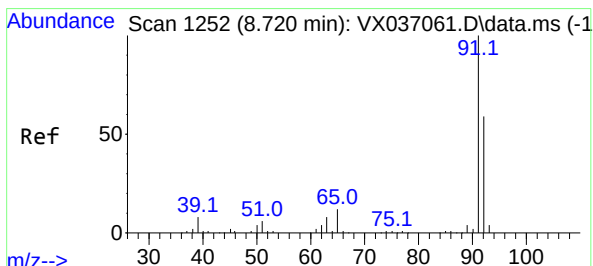
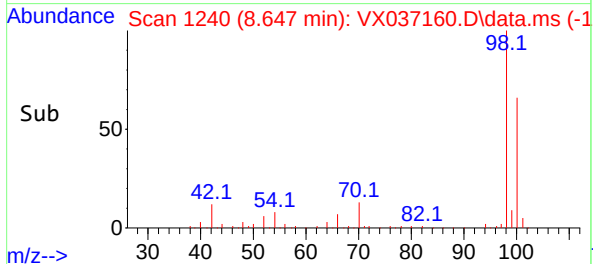
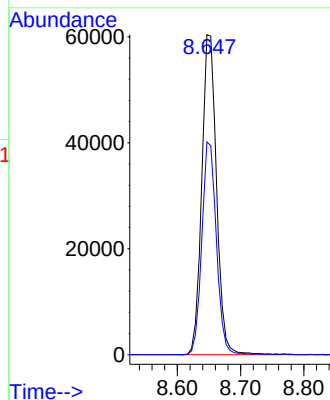
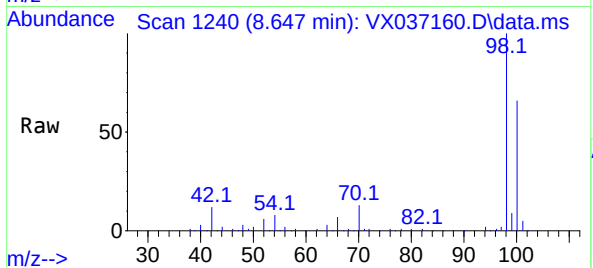
RE125D3-20230816

Tgt Ion: 98 Resp: 98167

Ion Ratio Lower Upper

98 100

100 65.7 53.1 79.7



#52

Toluene

Concen: 0.645 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX037160.D

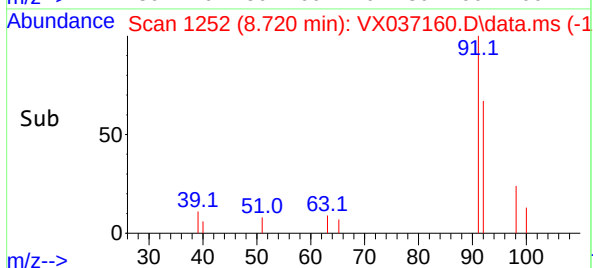
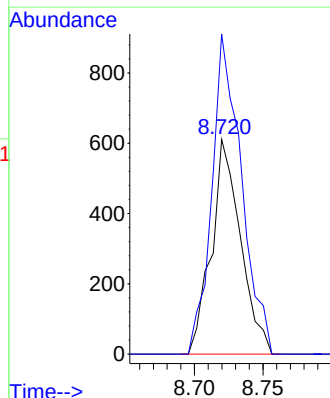
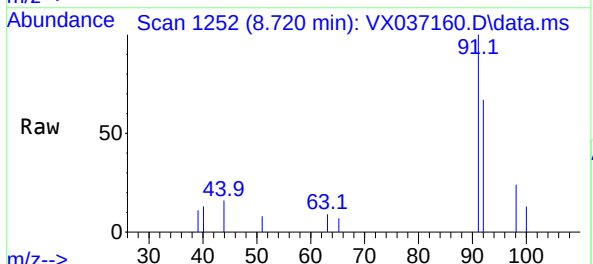
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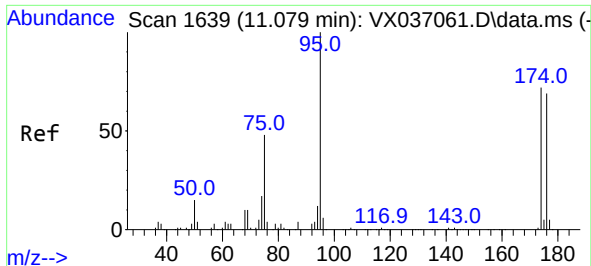
Tgt Ion: 92 Resp: 902

Ion Ratio Lower Upper

92 100

91 151.6 134.2 201.2

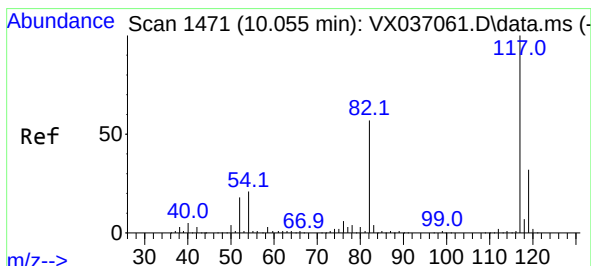
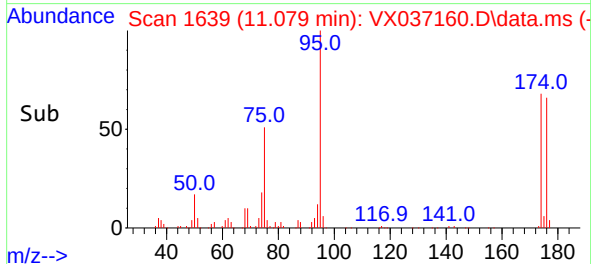
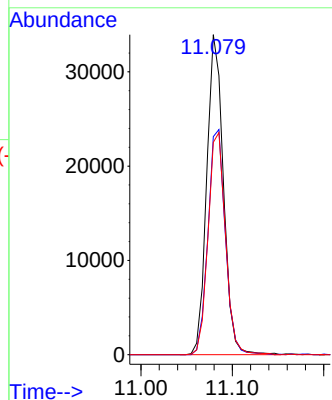
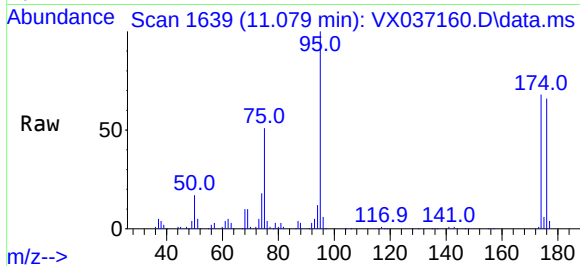




#62
4-Bromofluorobenzene
Concen: 58.108 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037160.D
Acq: 22 Aug 2023 18:34

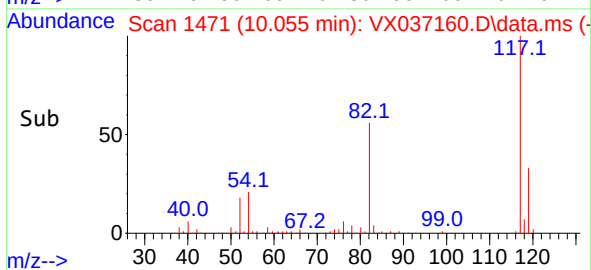
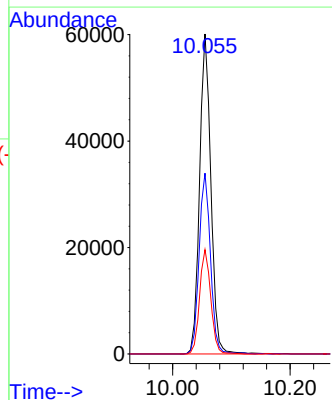
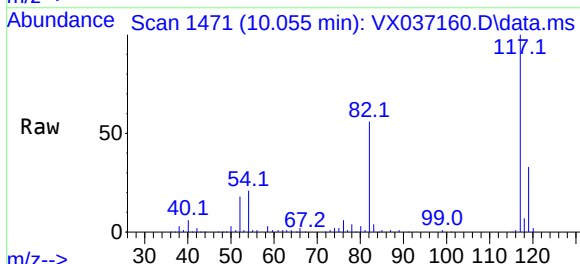
Instrument :
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ClientSampleId :
RE125D3-20230816

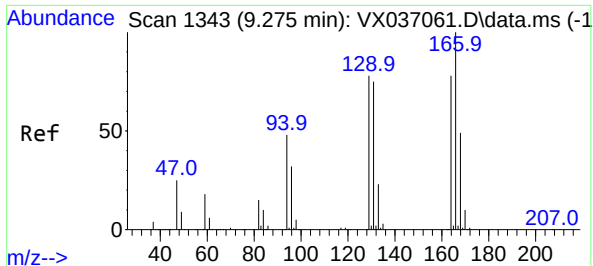
Tgt Ion: 95 Resp: 43050
Ion Ratio Lower Upper
95 100
174 73.3 0.0 135.6
176 72.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037160.D
Acq: 22 Aug 2023 18:34

Tgt Ion: 117 Resp: 80290
Ion Ratio Lower Upper
117 100
82 56.5 46.2 69.4
119 32.6 25.5 38.3



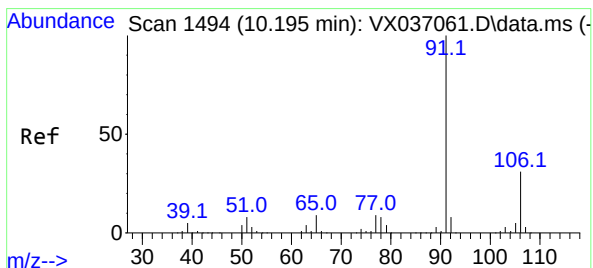
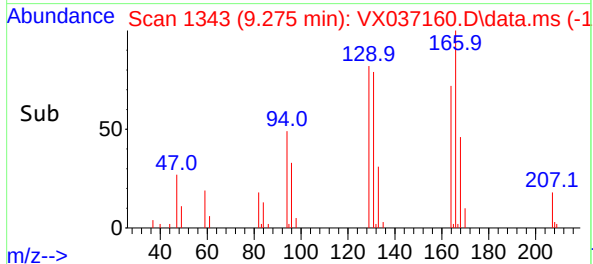
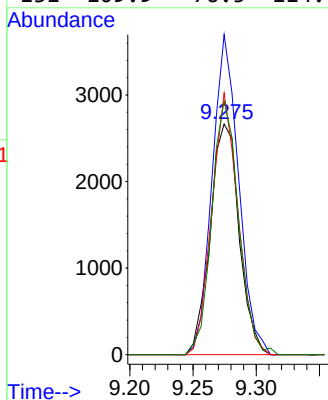
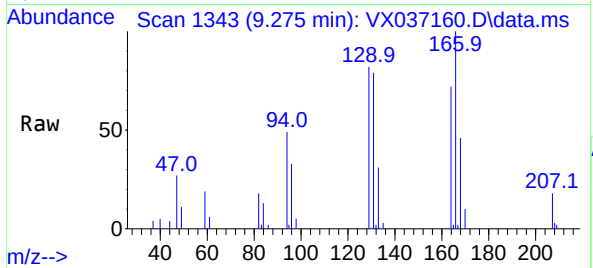


#64
Tetrachloroethene
Concen: 7.224 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037160.D
Acq: 22 Aug 2023 18:34

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20230816

Tgt Ion:164 Resp: 4231

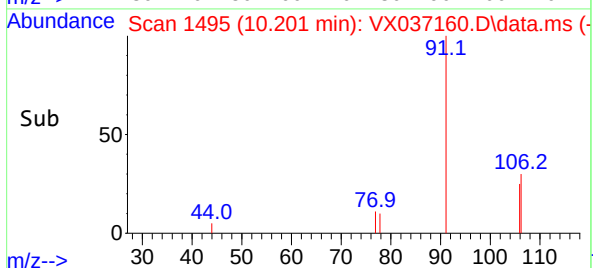
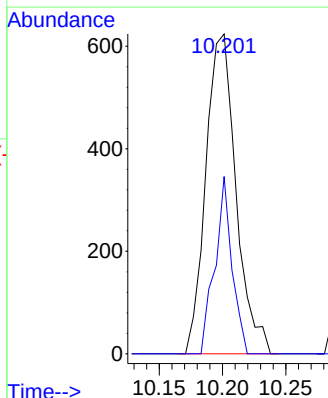
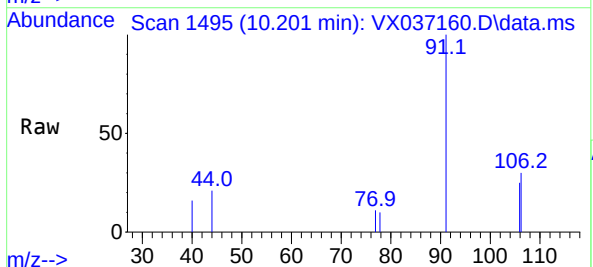
Ion	Ratio	Lower	Upper
164	100		
166	138.7	102.7	154.1
129	113.3	80.4	120.6
131	109.9	76.5	114.7

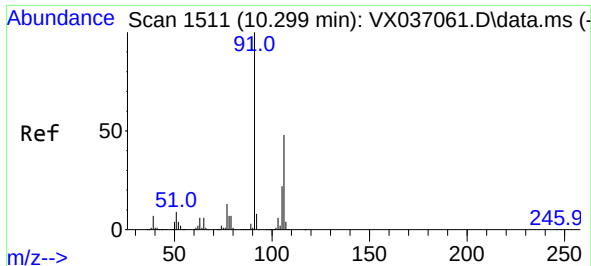


#67
Ethyl Benzene
Concen: 0.346 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX037160.D
Acq: 22 Aug 2023 18:34

Tgt Ion: 91 Resp: 1034

Ion	Ratio	Lower	Upper
91	100		
106	55.4	24.9	37.3#

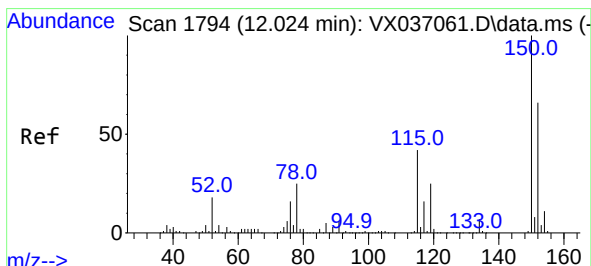
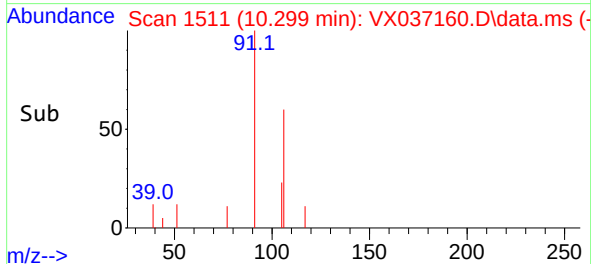
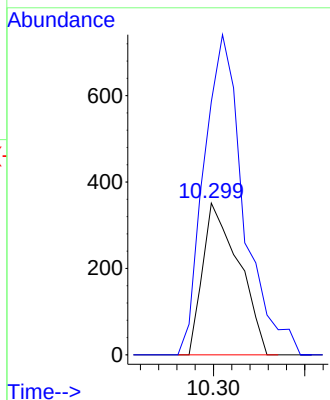
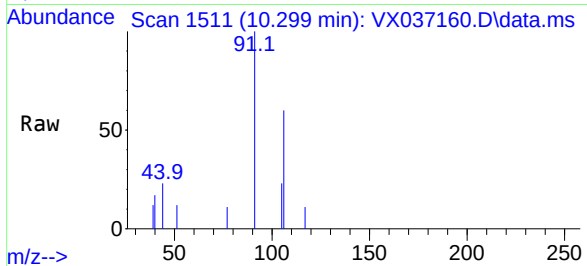




#68
m/p-Xylenes
Concen: 0.418 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX037160.D
Acq: 22 Aug 2023 18:34

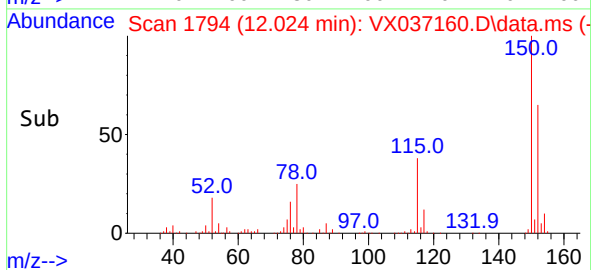
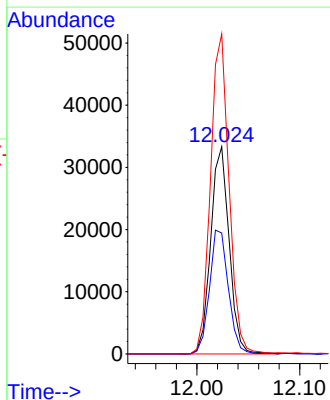
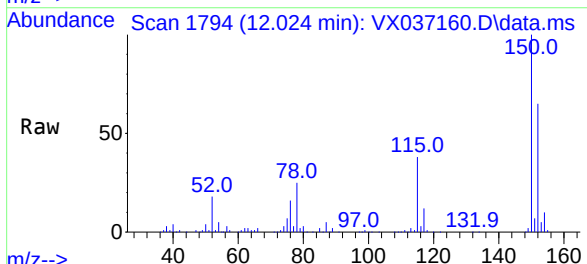
Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20230816

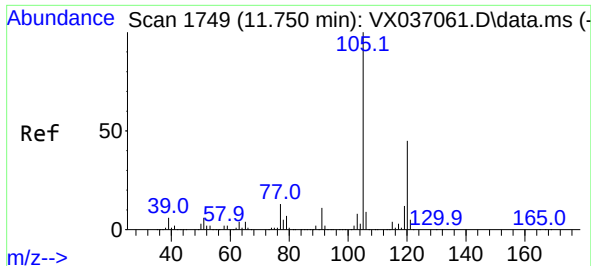
Tgt Ion:106 Resp: 482
Ion Ratio Lower Upper
106 100
91 233.0 165.5 248.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037160.D
Acq: 22 Aug 2023 18:34

Tgt Ion:152 Resp: 41496
Ion Ratio Lower Upper
152 100
115 61.2 43.3 129.9
150 154.7 0.0 345.0

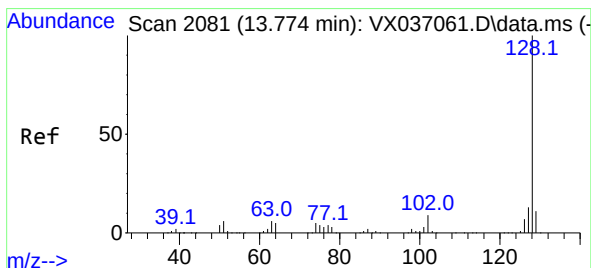
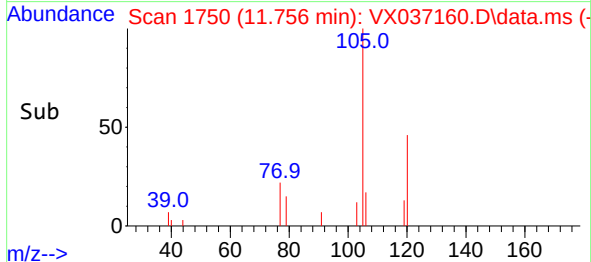
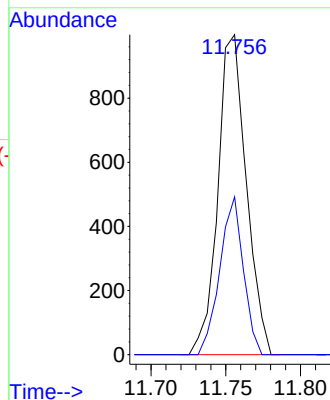
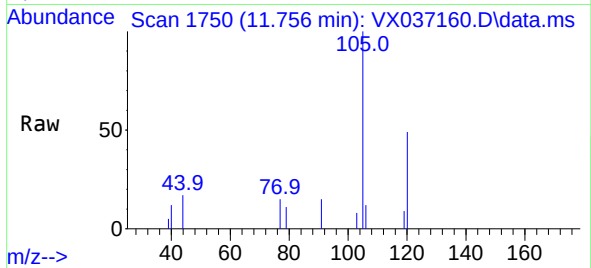




#84
1,2,4-Trimethylbenzene
Concen: 0.519 ug/l
RT: 11.756 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037160.D
Acq: 22 Aug 2023 18:34

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20230816

Tgt Ion:105 Resp: 1320
Ion Ratio Lower Upper
105 100
120 40.8 21.2 63.6



#95
Naphthalene
Concen: 5.223 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX037160.D
Acq: 22 Aug 2023 18:34

Tgt Ion:128 Resp: 18077
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 10.8 8.8 13.2

