

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082223\
 Data File : VX037164.D
 Acq On : 22 Aug 2023 20:04
 Operator : JC/MD
 Sample : 04051-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D2-20230816

Quant Time: Aug 23 01:48:02 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)

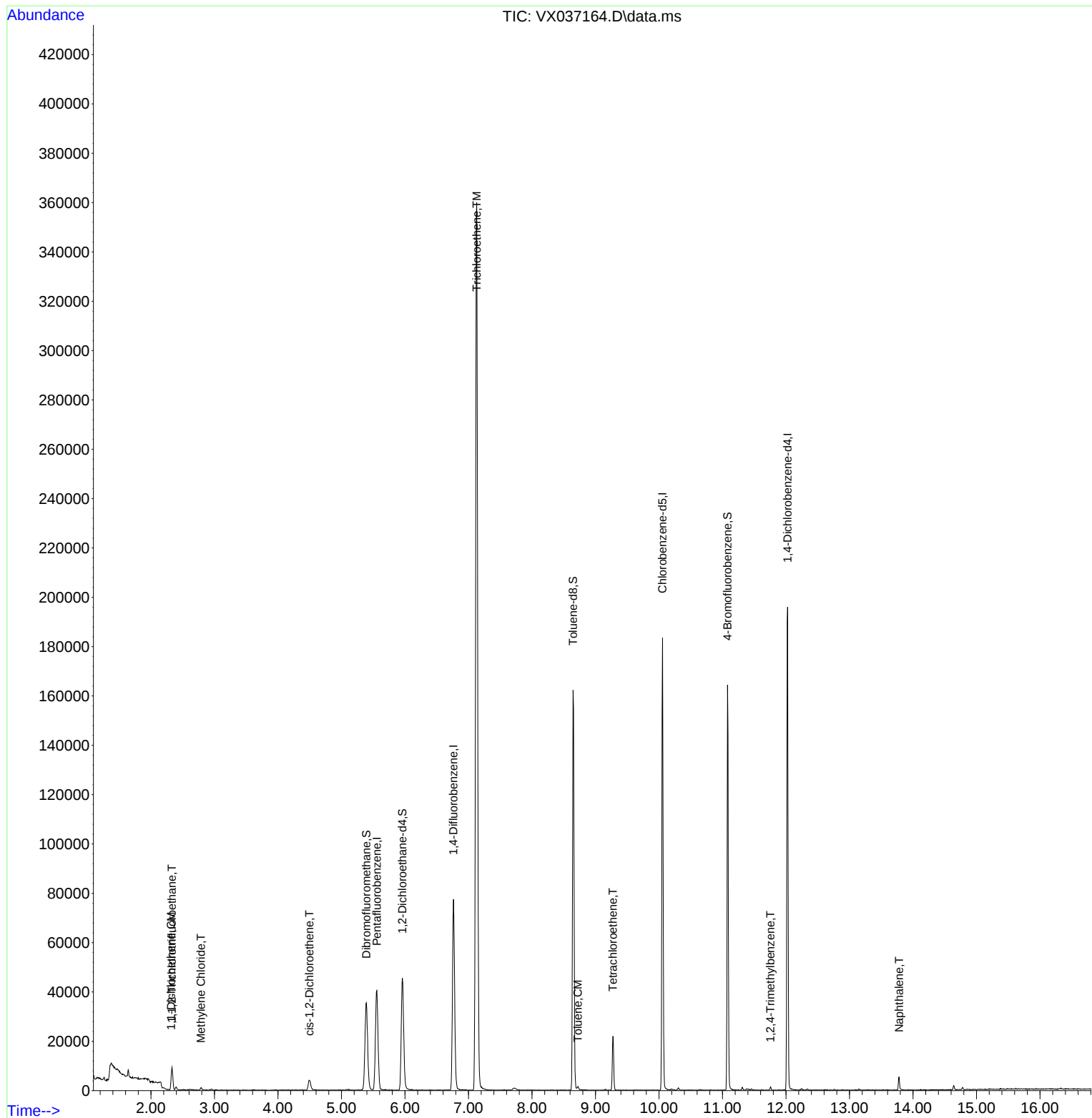
Internal Standards						
1) Pentafluorobenzene	5.556	168	37910	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	80744	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	83457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	42358	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	47180	86.325	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 172.640%#	
35) Dibromofluoromethane	5.391	113	32188	60.193	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 120.380%	
50) Toluene-d8	8.647	98	101366	52.258	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.520%	
62) 4-Bromofluorobenzene	11.079	95	45123	59.194	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 118.380%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	3010	7.511	ug/l	96
12) 1,1-Dichloroethene	2.319	96	905	2.319	ug/l #	74
20) Methylene Chloride	2.788	84	455	0.952	ug/l #	81
27) cis-1,2-Dichloroethene	4.495	96	2861	5.471	ug/l	83
44) Trichloroethene	7.129	130	143612	232.441	ug/l	98
52) Toluene	8.720	92	544	0.378	ug/l	98
64) Tetrachloroethene	9.275	164	3981	6.539	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	799	0.308	ug/l	98
95) Naphthalene	13.780	128	4233	1.198	ug/l	98

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

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Response via : Initial Calibration

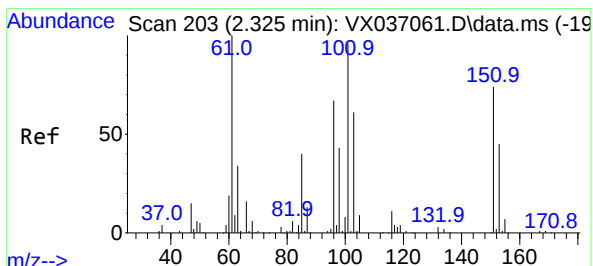
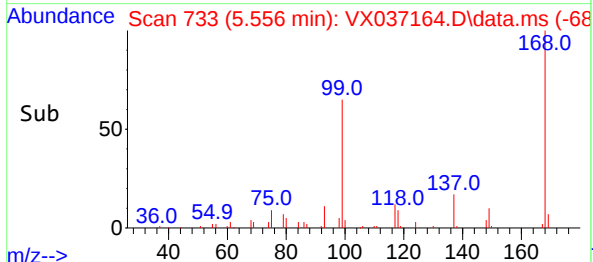
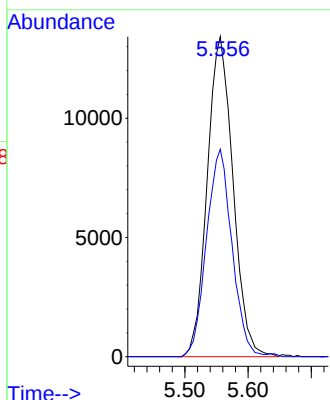
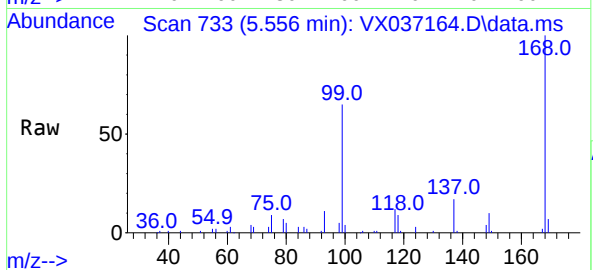




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037164.D
Acq: 22 Aug 2023 20:04

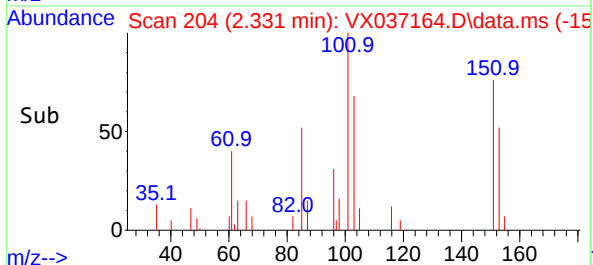
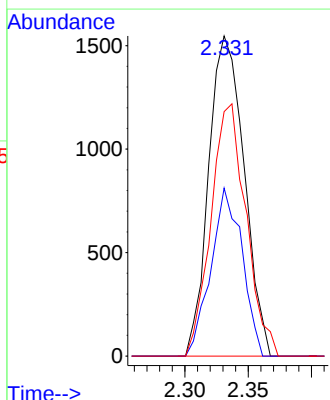
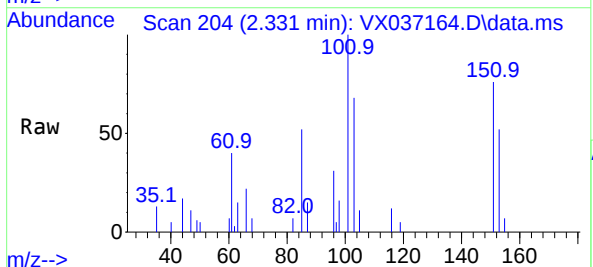
Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20230816

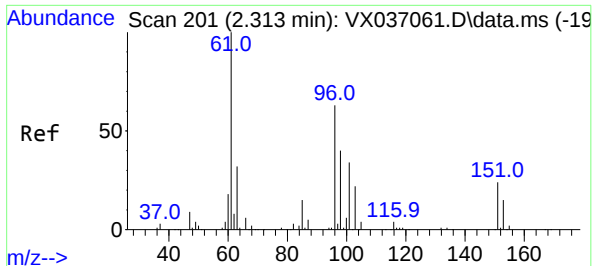
Tgt Ion:168 Resp: 37910
Ion Ratio Lower Upper
168 100
99 64.8 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 7.511 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX037164.D
Acq: 22 Aug 2023 20:04

Tgt Ion:101 Resp: 3010
Ion Ratio Lower Upper
101 100
85 46.2 37.0 55.6
151 78.1 58.6 87.8

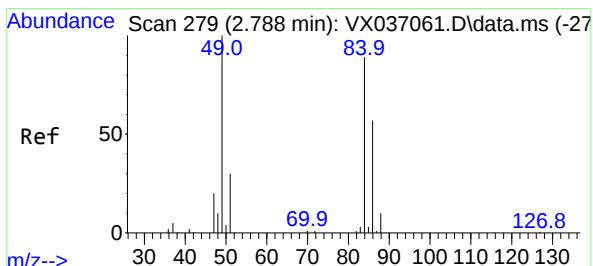
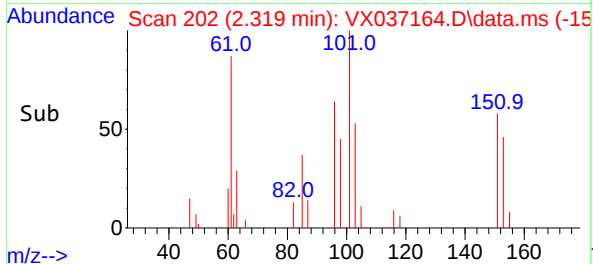
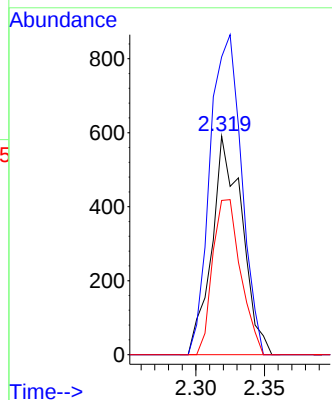
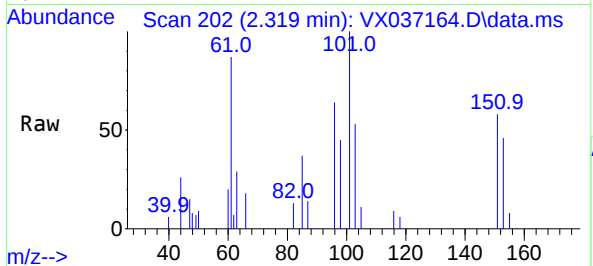




#12
1,1-Dichloroethene
Concen: 2.319 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX037164.D
Acq: 22 Aug 2023 20:04

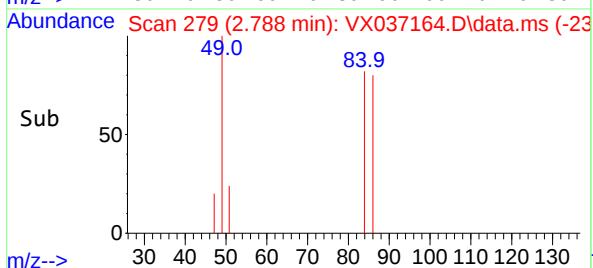
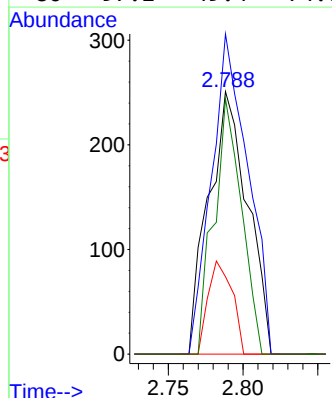
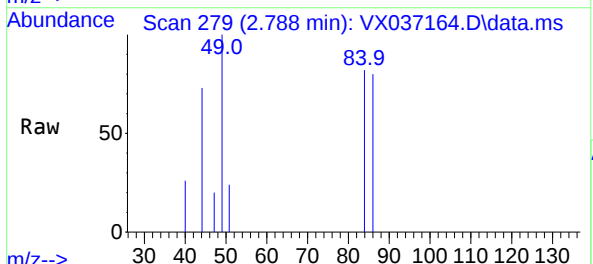
Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20230816

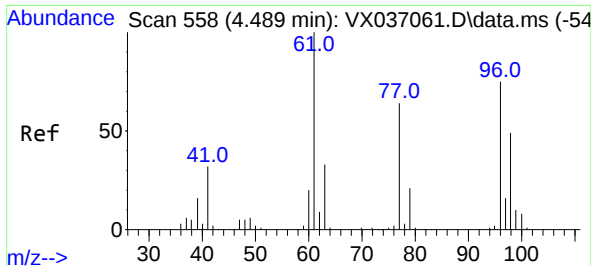
Tgt Ion: 96 Resp: 905
Ion Ratio Lower Upper
96 100
61 136.2 144.6 216.8#
98 70.6 50.4 75.6



#20
Methylene Chloride
Concen: 0.952 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037164.D
Acq: 22 Aug 2023 20:04

Tgt Ion: 84 Resp: 455
Ion Ratio Lower Upper
84 100
49 121.9 103.6 155.4
51 29.5 33.8 50.6#
86 97.2 49.4 74.0#

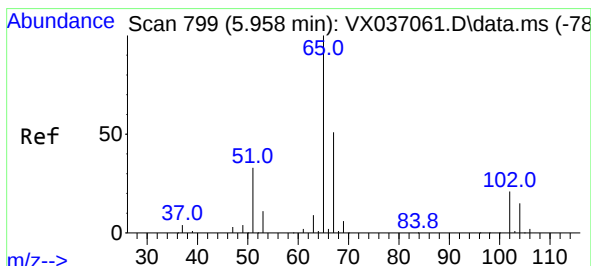
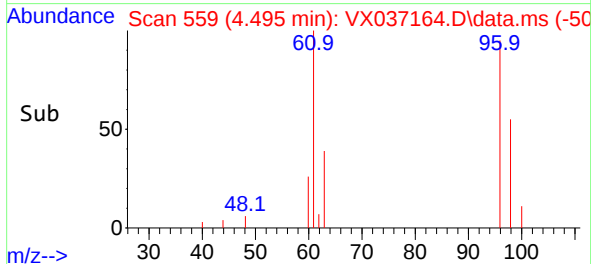
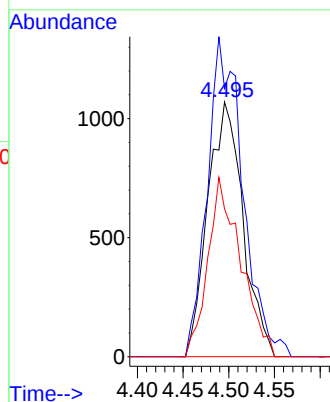
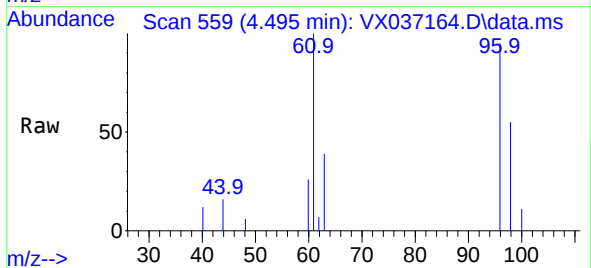




#27
cis-1,2-Dichloroethene
Concen: 5.471 ug/l
RT: 4.495 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX037164.D
Acq: 22 Aug 2023 20:04

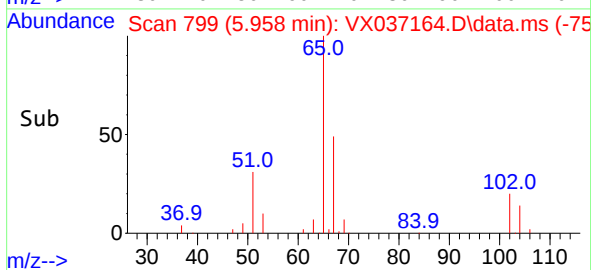
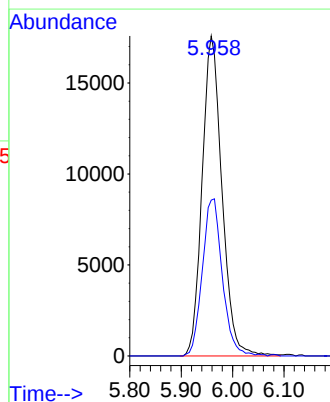
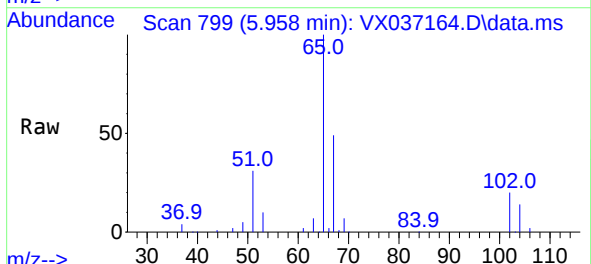
Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20230816

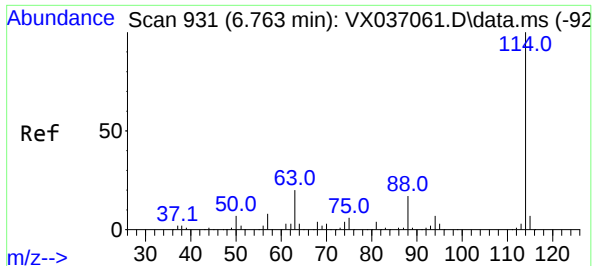
Tgt Ion: 96 Resp: 2861
Ion Ratio Lower Upper
96 100
61 126.0 0.0 312.2
98 65.7 0.0 129.0



#33
1,2-Dichloroethane-d4
Concen: 86.325 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037164.D
Acq: 22 Aug 2023 20:04

Tgt Ion: 65 Resp: 47180
Ion Ratio Lower Upper
65 100
67 49.6 0.0 100.2

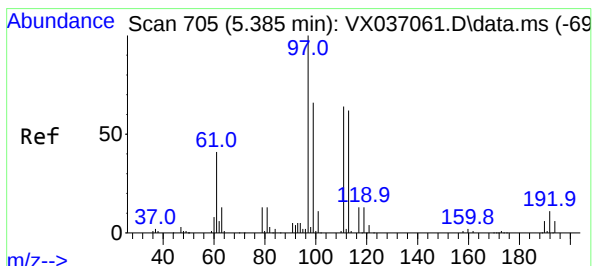
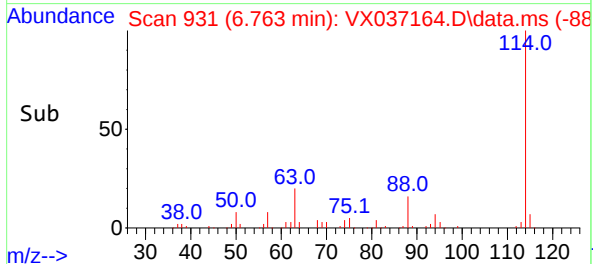
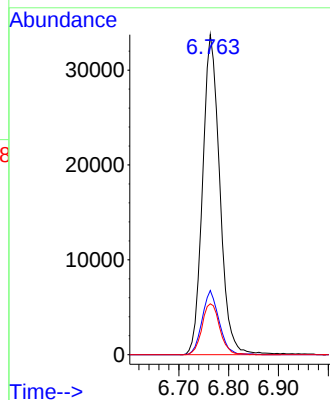
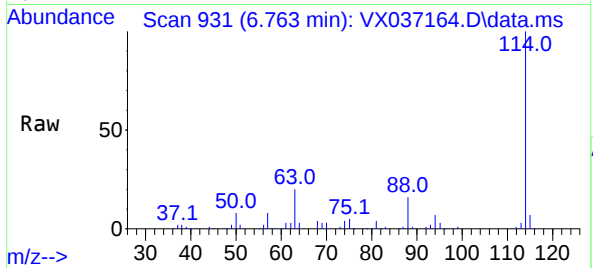




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX037164.D
Acq: 22 Aug 2023 20:04

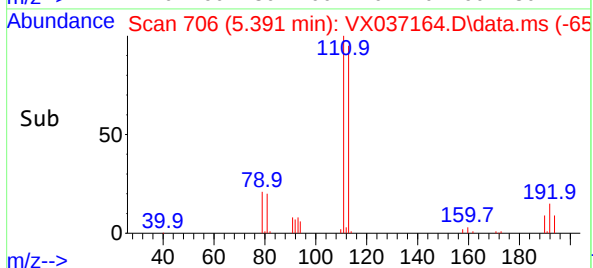
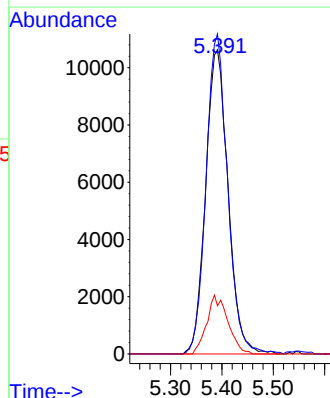
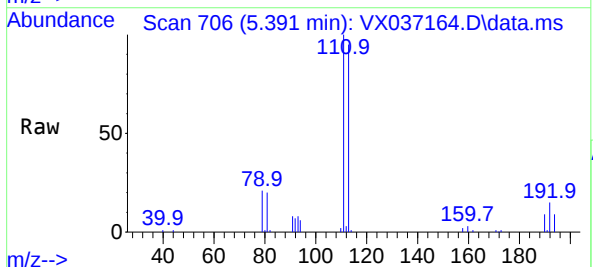
Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20230816

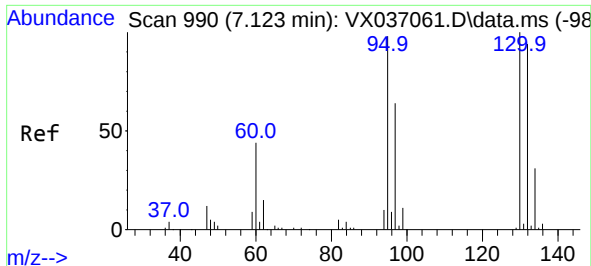
Tgt Ion:114 Resp: 80744
Ion Ratio Lower Upper
114 100
63 20.0 0.0 45.0
88 15.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 60.193 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037164.D
Acq: 22 Aug 2023 20:04

Tgt Ion:113 Resp: 32188
Ion Ratio Lower Upper
113 100
111 101.3 82.9 124.3
192 18.2 13.3 19.9

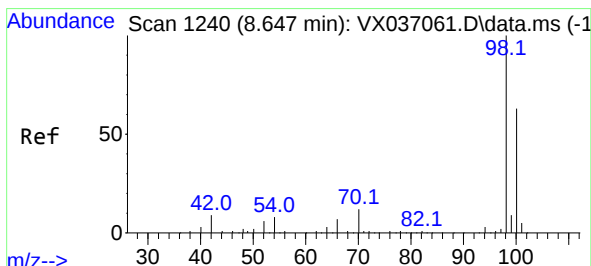
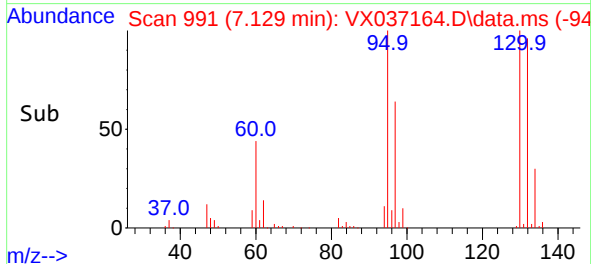
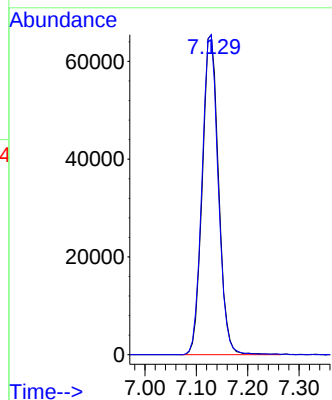
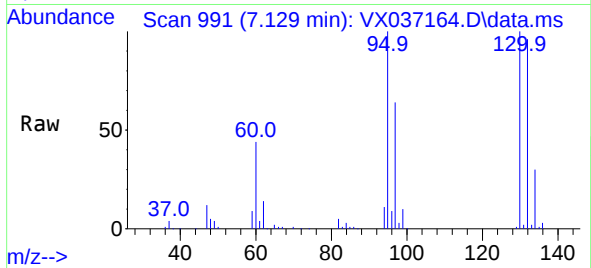




#44
Trichloroethene
Concen: 232.441 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037164.D
Acq: 22 Aug 2023 20:04

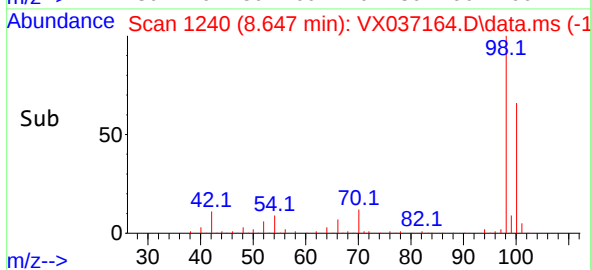
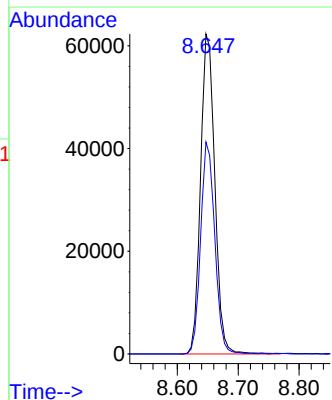
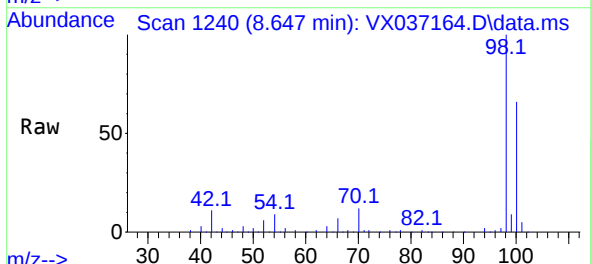
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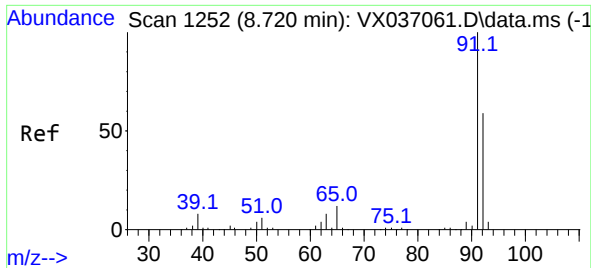
Tgt Ion:130 Resp: 143612
Ion Ratio Lower Upper
130 100
95 100.1 0.0 204.4



#50
Toluene-d8
Concen: 52.258 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037164.D
Acq: 22 Aug 2023 20:04

Tgt Ion: 98 Resp: 101366
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7

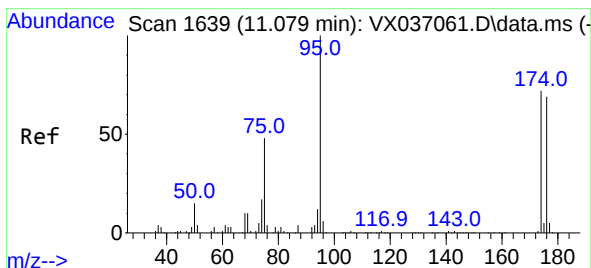
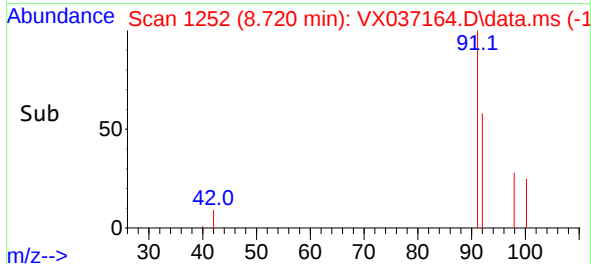
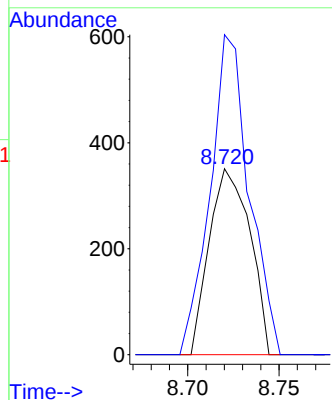
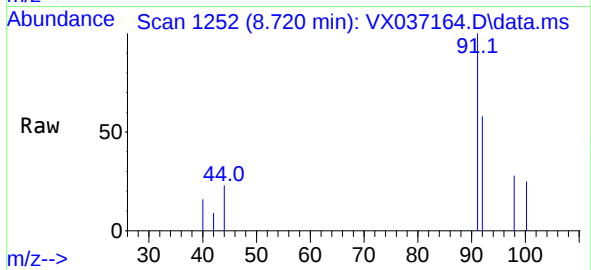




#52
Toluene
Concen: 0.378 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037164.D
Acq: 22 Aug 2023 20:04

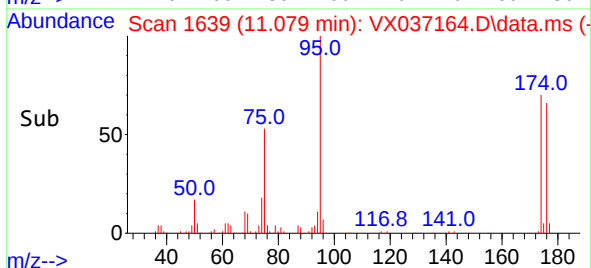
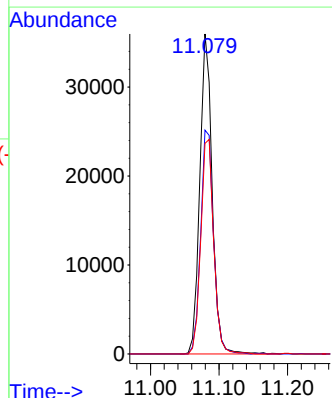
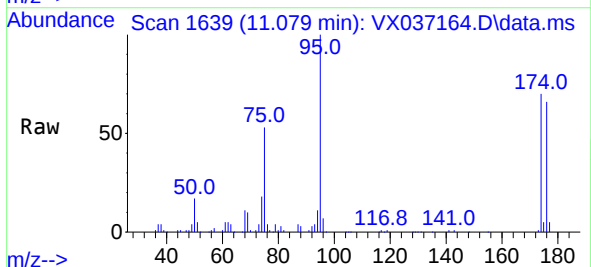
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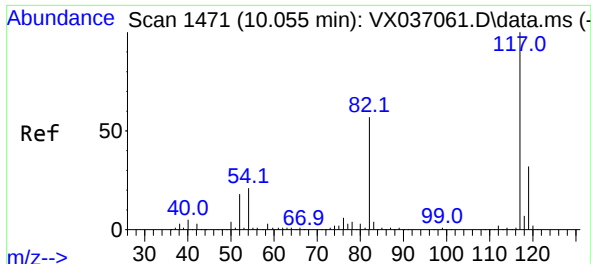
Tgt Ion: 92 Resp: 544
Ion Ratio Lower Upper
92 100
91 165.3 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 59.194 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037164.D
Acq: 22 Aug 2023 20:04

Tgt Ion: 95 Resp: 45123
Ion Ratio Lower Upper
95 100
174 73.0 0.0 135.6
176 70.3 0.0 131.0

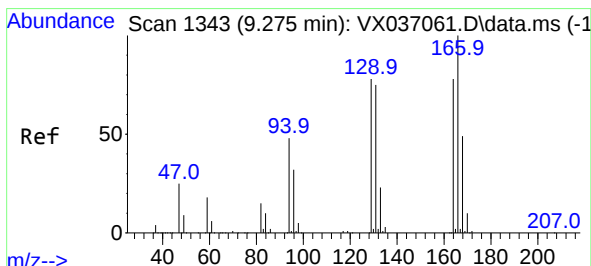
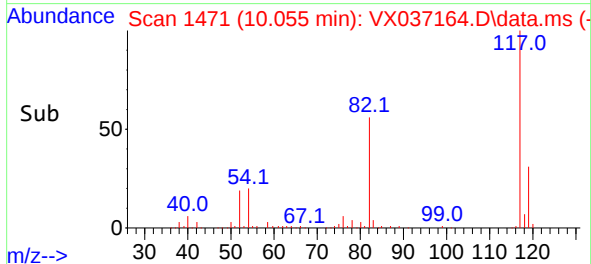
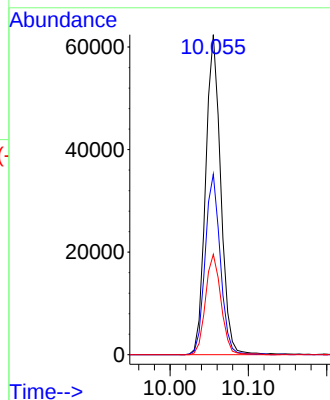
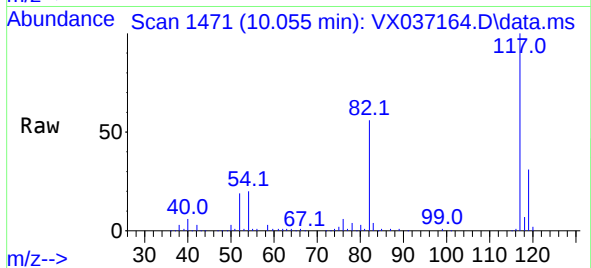




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037164.D
Acq: 22 Aug 2023 20:04

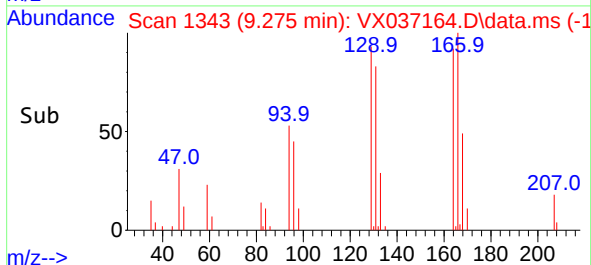
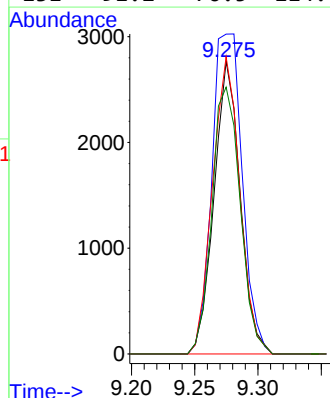
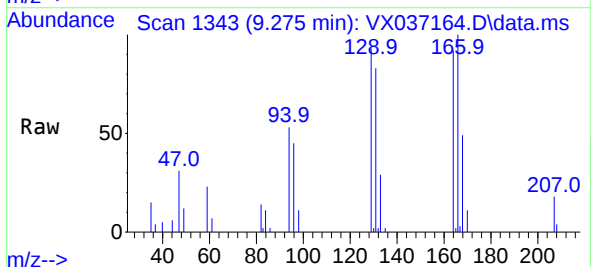
Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20230816

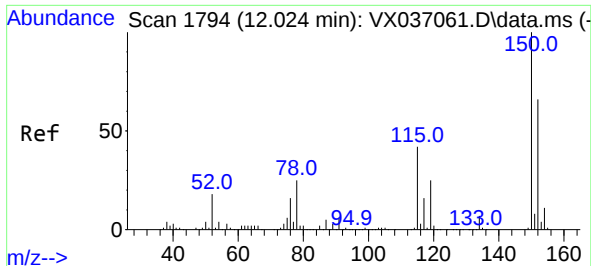
Tgt Ion:	117	Resp:	83457
Ion	Ratio	Lower	Upper
117	100		
82	56.4	46.2	69.4
119	31.4	25.5	38.3



#64
Tetrachloroethene
Concen: 6.539 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX037164.D
Acq: 22 Aug 2023 20:04

Tgt Ion:	164	Resp:	3981
Ion	Ratio	Lower	Upper
164	100		
166	109.3	102.7	154.1
129	101.5	80.4	120.6
131	91.2	76.5	114.7

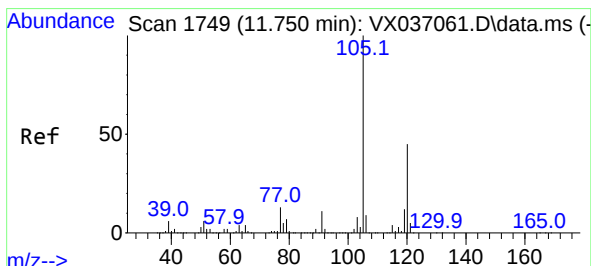
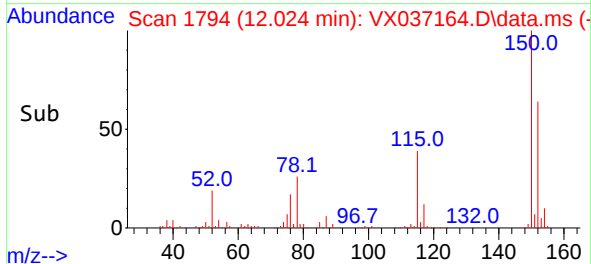
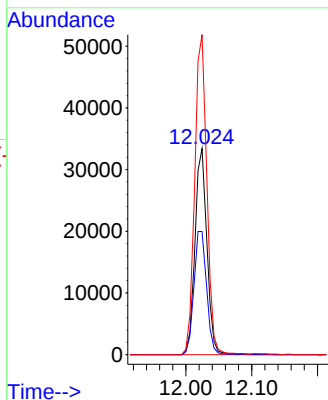
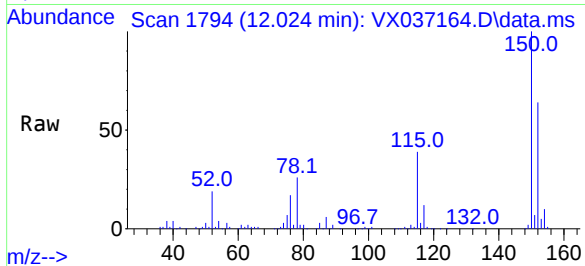




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX037164.D
 Acq: 22 Aug 2023 20:04

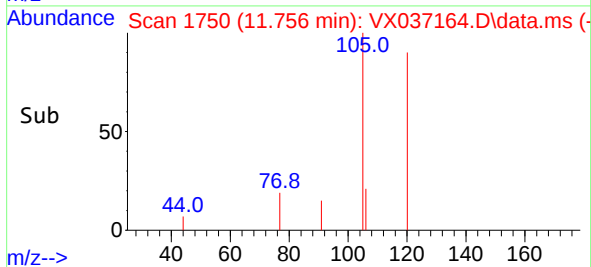
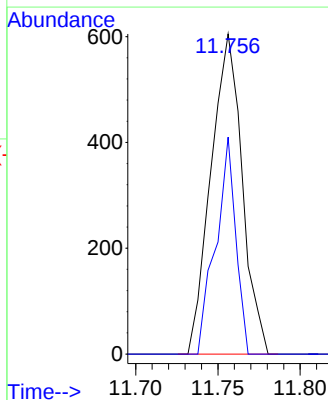
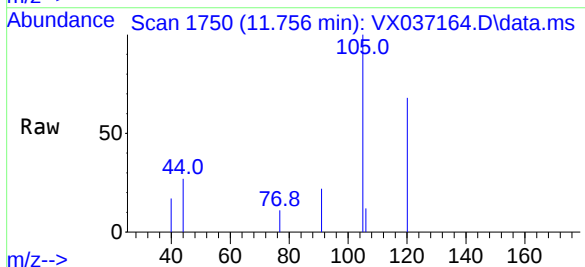
Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D2-20230816

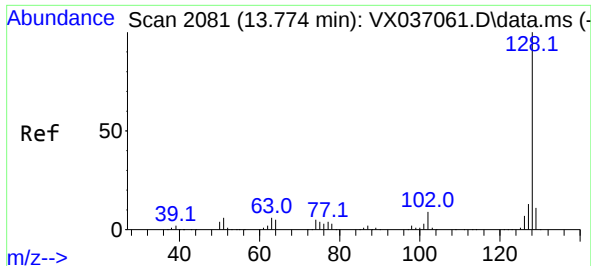
Tgt Ion:152 Resp: 42358
 Ion Ratio Lower Upper
 152 100
 115 63.0 43.3 129.9
 150 156.7 0.0 345.0



#84
 1,2,4-Trimethylbenzene
 Concen: 0.308 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.006 min
 Lab File: VX037164.D
 Acq: 22 Aug 2023 20:04

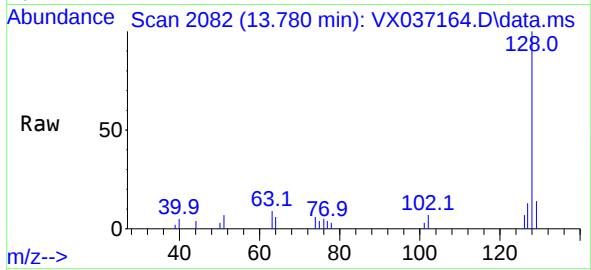
Tgt Ion:105 Resp: 799
 Ion Ratio Lower Upper
 105 100
 120 43.4 21.2 63.6





#95
Naphthalene
Concen: 1.198 ug/l
RT: 13.780 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX037164.D
Acq: 22 Aug 2023 20:04

Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20230816



Tgt Ion:	128	Resp:	4233
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	9.8	8.8	13.2

