

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082823\
 Data File : VX037293.D
 Acq On : 28 Aug 2023 14:35
 Operator : JC/MD
 Sample : 04095-02 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D2-20230817

Quant Time: Aug 29 00:58:35 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)

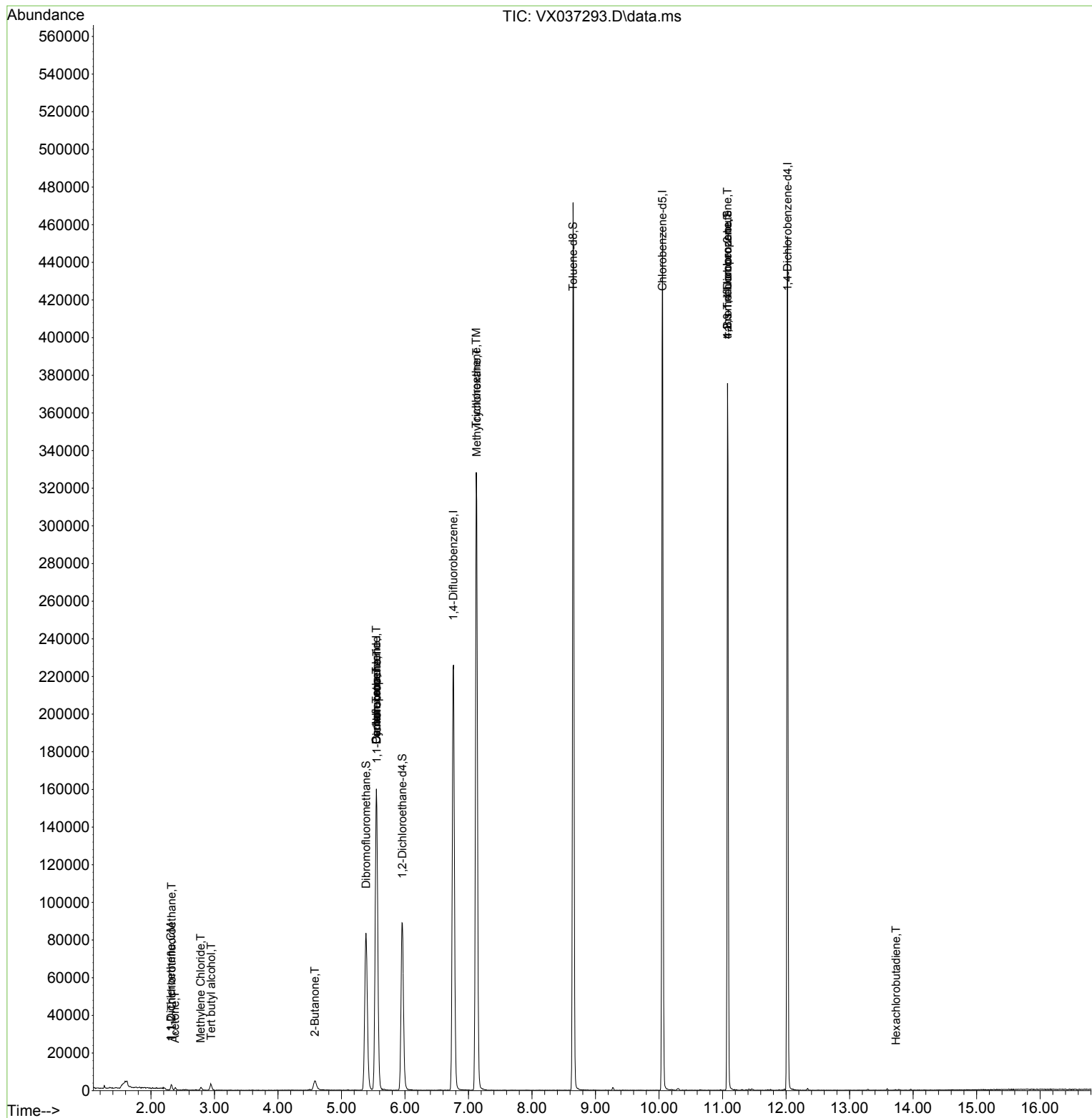
Internal Standards						
1) Pentafluorobenzene	5.550	168	149625	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	244889	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95912	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	90028	41.735	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	83.480%
35) Dibromofluoromethane	5.385	113	74658	46.033	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.060%
50) Toluene-d8	8.647	98	283961	48.268	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.540%
62) 4-Bromofluorobenzene	11.079	95	103433	44.738	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.480%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.325	101	965	0.610	ug/l	89
11) Tert butyl alcohol	2.947	59	1998	3.949	ug/l #	78
12) 1,1-Dichloroethene	2.313	96	317	0.206	ug/l #	71
16) Acetone	2.380	43	1466	1.737	ug/l	98
20) Methylene Chloride	2.782	84	797	0.422	ug/l #	76
25) 2-Butanone	4.580	43	462	0.364	ug/l #	51
31) Cyclohexane	5.550	56	2834	1.168	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	11918	5.172	ug/l #	50
38) Carbon Tetrachloride	5.550	117	16205	6.474	ug/l #	14
39) Methylcyclohexane	7.129	83	1699	0.702	ug/l #	1
44) Trichloroethene	7.123	130	130240	69.504	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	52445	25.675	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	52445	71.713	ug/l #	5
94) Hexachlorobutadiene	13.731	225	148	0.210	ug/l	78

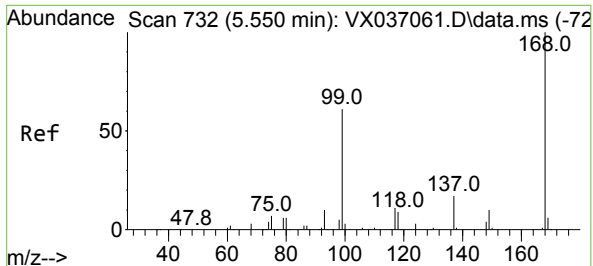
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RE105D2-20230817

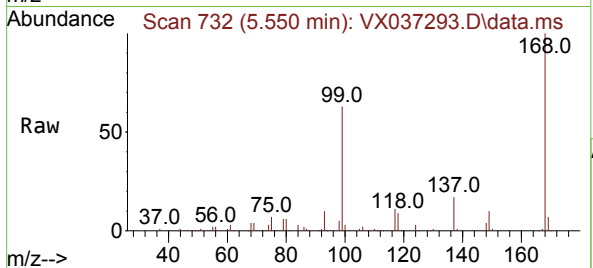
Quant Time: Aug 29 00:58:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
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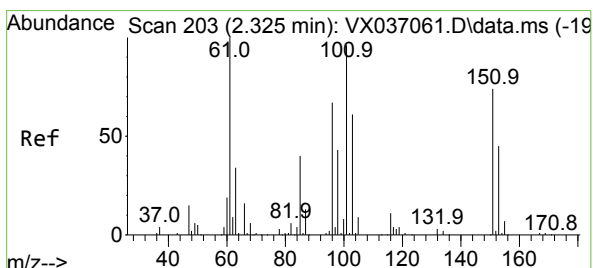
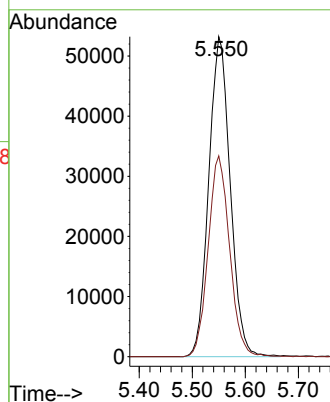
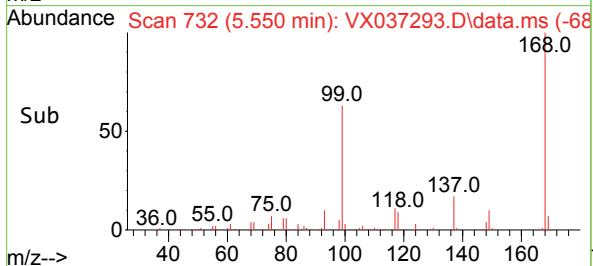


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX037293.D
Acq: 28 Aug 2023 14:35

Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20230817

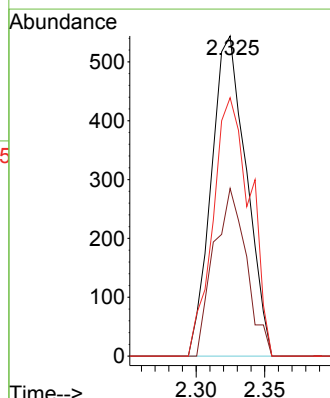
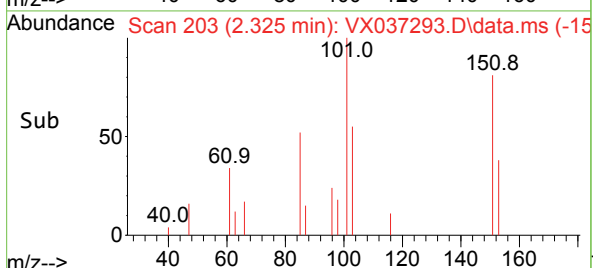
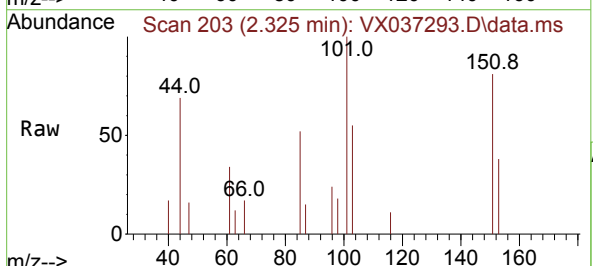


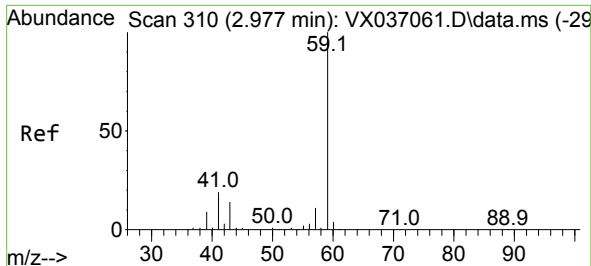
Tgt Ion:168 Resp: 149625
Ion Ratio Lower Upper
168 100
99 62.7 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.610 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX037293.D
Acq: 28 Aug 2023 14:35

Tgt Ion:101 Resp: 965
Ion Ratio Lower Upper
101 100
85 48.7 37.0 55.6
151 86.4 58.6 87.8

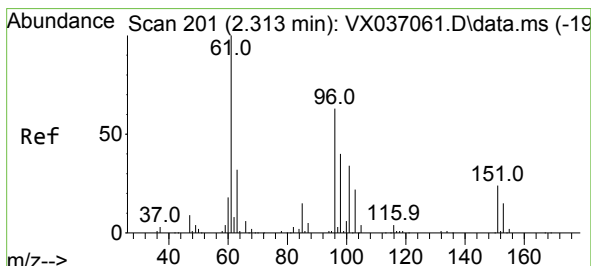
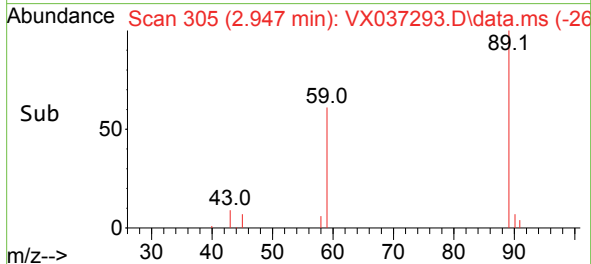
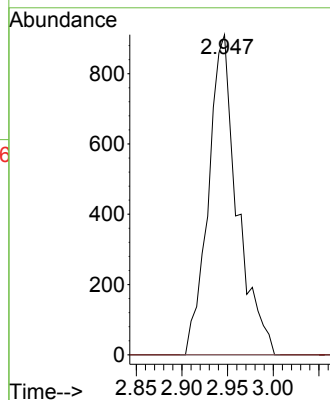
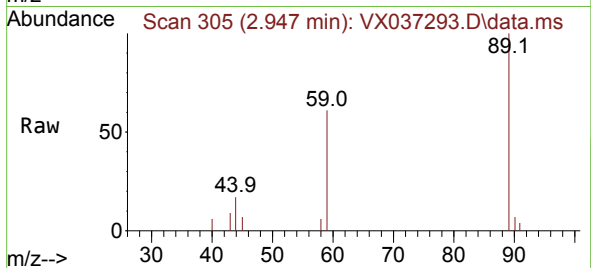




#11
Tert butyl alcohol
Concen: 3.949 ug/l
RT: 2.947 min Scan# 30
Delta R.T. -0.030 min
Lab File: VX037293.D
Acq: 28 Aug 2023 14:35

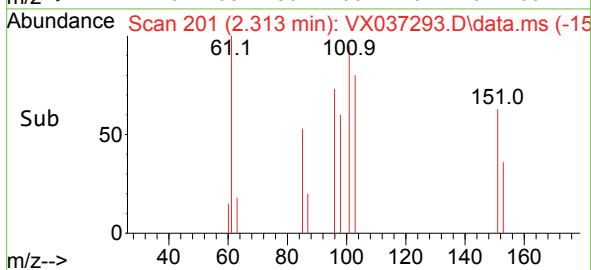
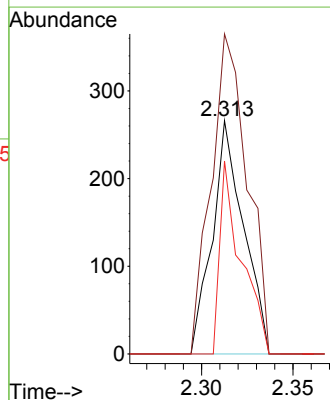
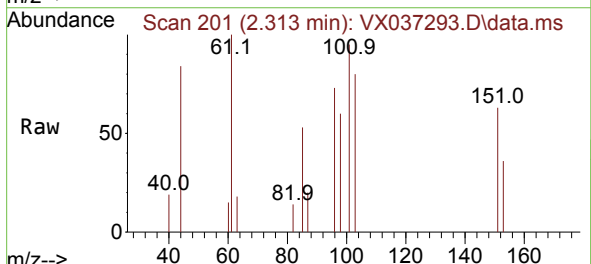
Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20230817

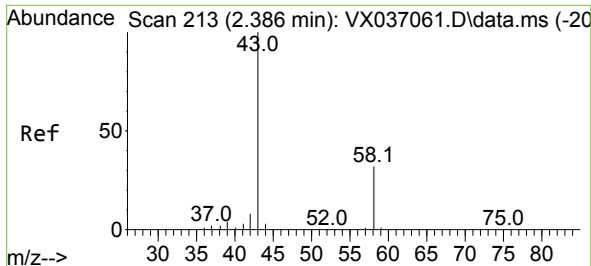
Tgt Ion: 59 Resp: 1998
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 0.206 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX037293.D
Acq: 28 Aug 2023 14:35

Tgt Ion: 96 Resp: 317
Ion Ratio Lower Upper
96 100
61 137.2 144.6 216.8#
98 82.7 50.4 75.6#





#16

Acetone

Concen: 1.737 ug/l

RT: 2.380 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX037293.D

Acq: 28 Aug 2023 14:35

Instrument :

MSVOA_X

ClientSampleId :

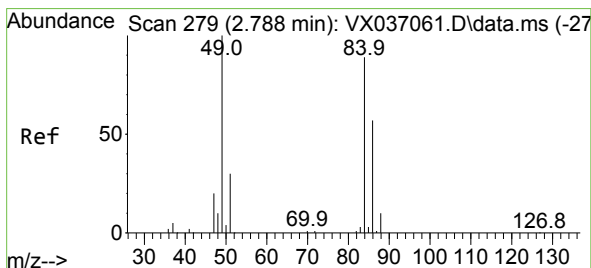
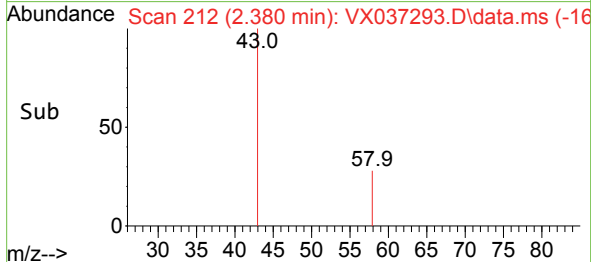
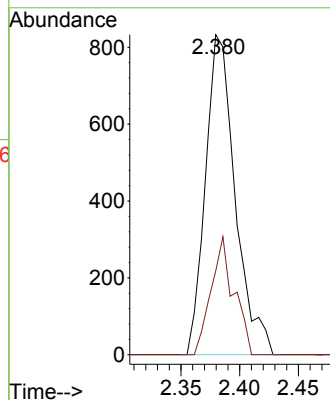
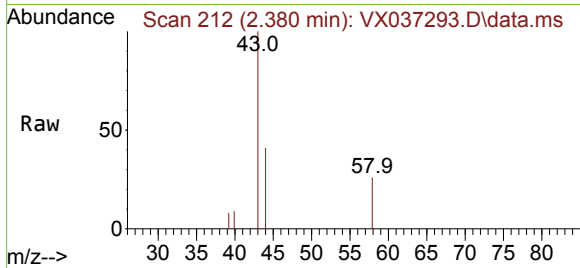
RE105D2-20230817

Tgt Ion: 43 Resp: 1466

Ion Ratio Lower Upper

43 100

58 26.2 21.9 32.9



#20

Methylene Chloride

Concen: 0.422 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX037293.D

Acq: 28 Aug 2023 14:35

Tgt Ion: 84 Resp: 797

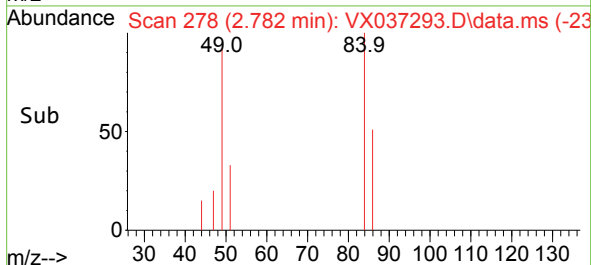
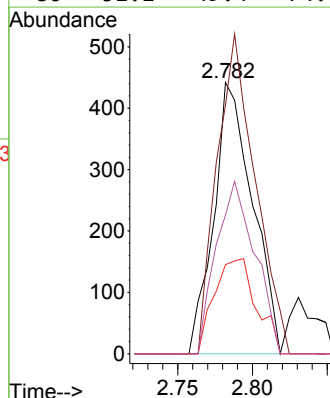
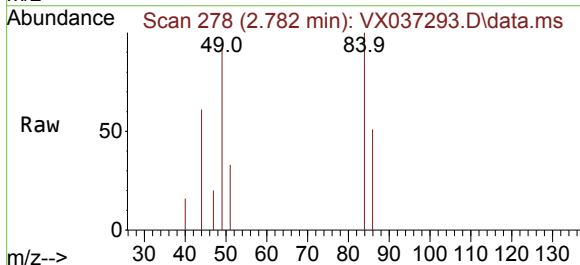
Ion Ratio Lower Upper

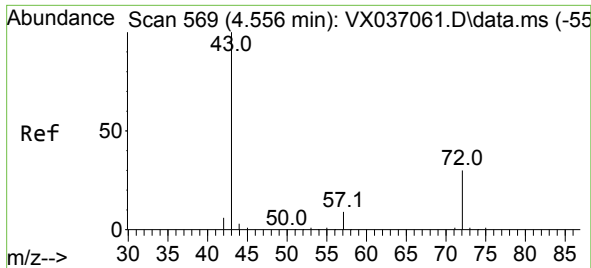
84 100

49 91.6 103.6 155.4#

51 32.8 33.8 50.6#

86 51.1 49.4 74.0

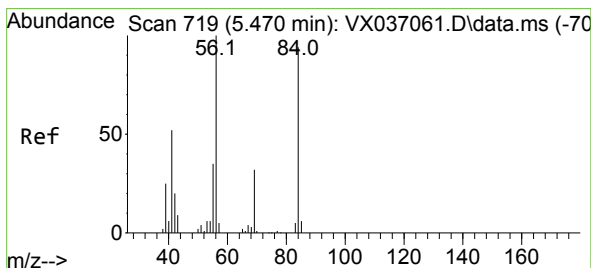
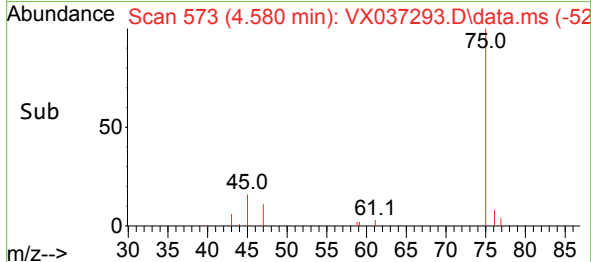
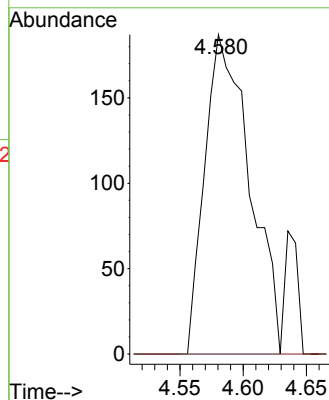
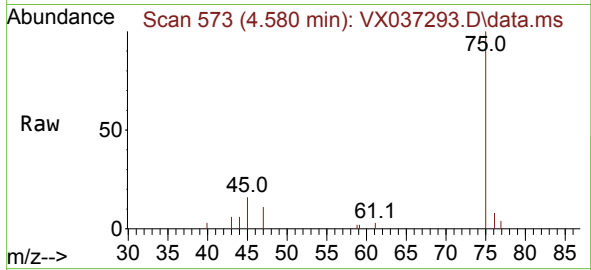




#25
2-Butanone
Concen: 0.364 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX037293.D
Acq: 28 Aug 2023 14:35

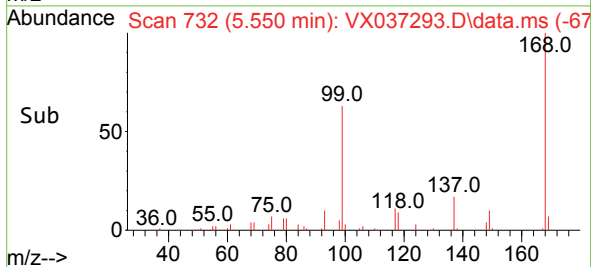
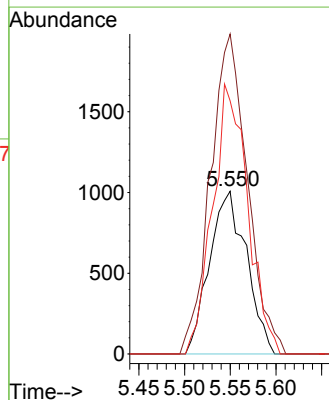
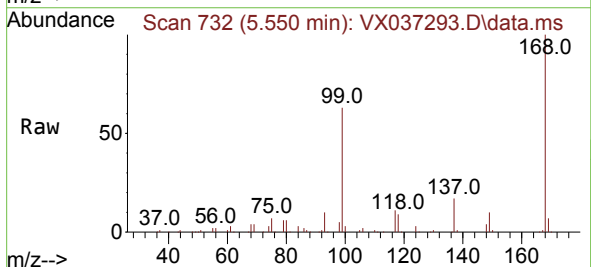
Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20230817

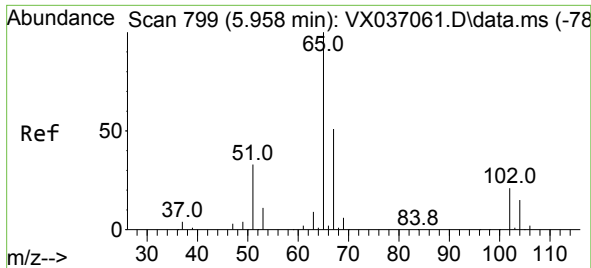
Tgt Ion: 43 Resp: 462
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#31
Cyclohexane
Concen: 1.168 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX037293.D
Acq: 28 Aug 2023 14:35

Tgt Ion: 56 Resp: 2834
Ion Ratio Lower Upper
56 100
69 196.5 23.4 35.2#
84 155.5 65.9 98.9#

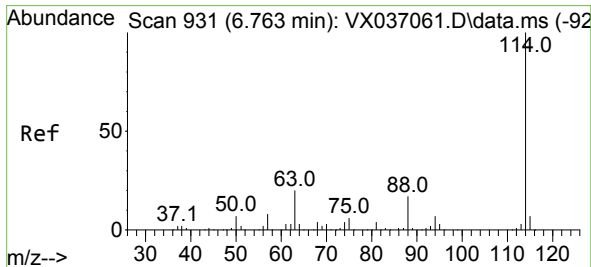
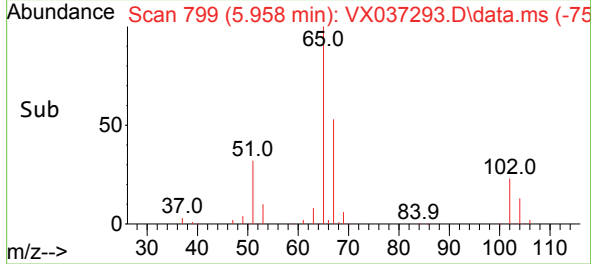
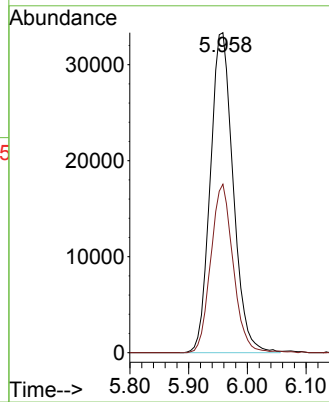
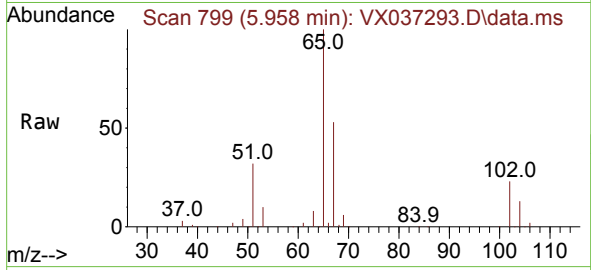




#33
1,2-Dichloroethane-d4
Concen: 41.735 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037293.D
Acq: 28 Aug 2023 14:35

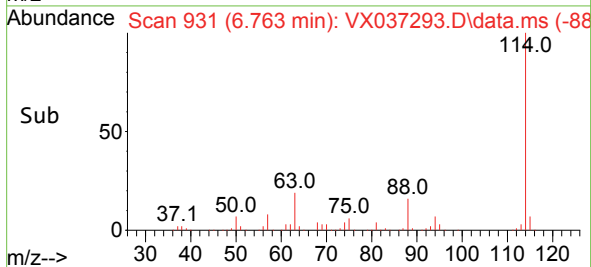
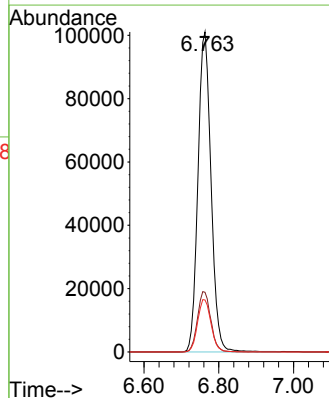
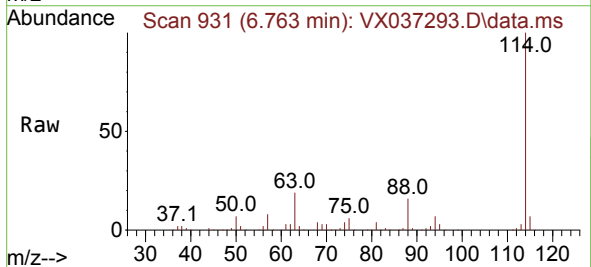
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ClientSampleId :
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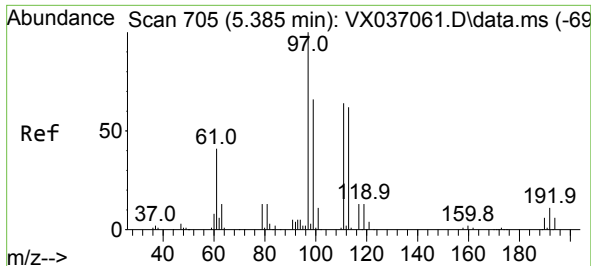
Tgt Ion: 65 Resp: 90028
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX037293.D
Acq: 28 Aug 2023 14:35

Tgt Ion: 114 Resp: 244889
Ion Ratio Lower Upper
114 100
63 18.6 0.0 45.0
88 16.3 0.0 36.6

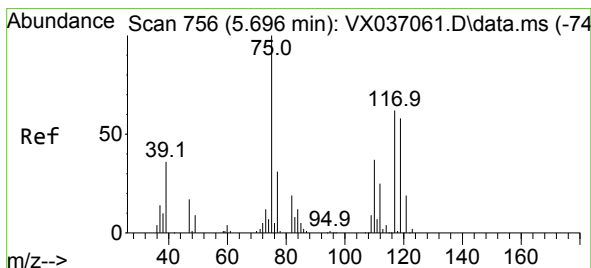
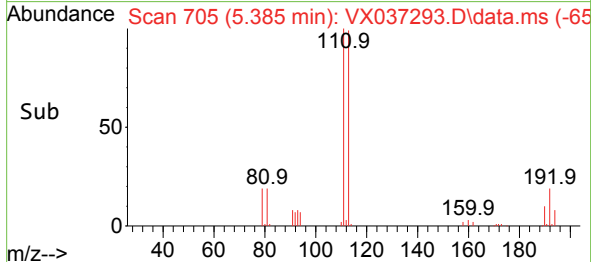
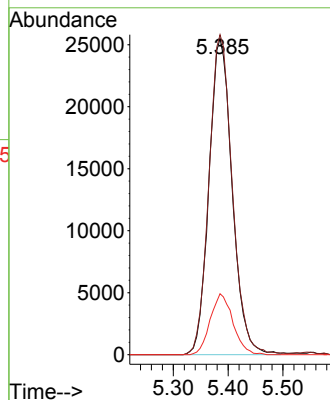
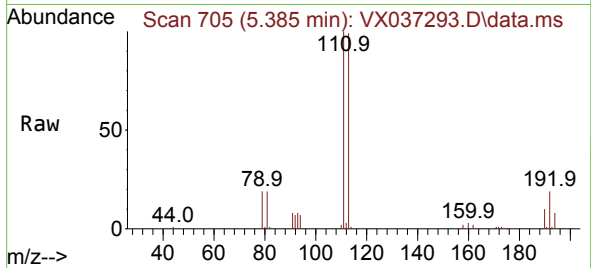




#35
Dibromofluoromethane
Concen: 46.033 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037293.D
Acq: 28 Aug 2023 14:35

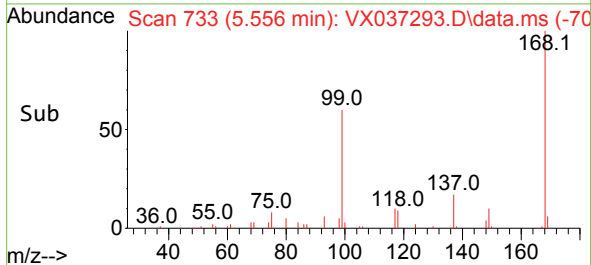
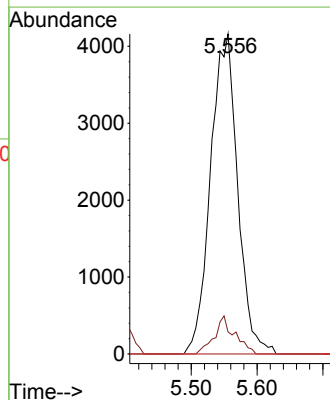
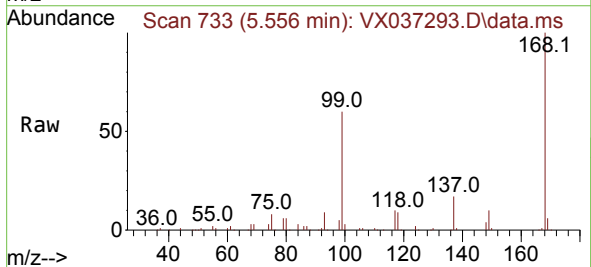
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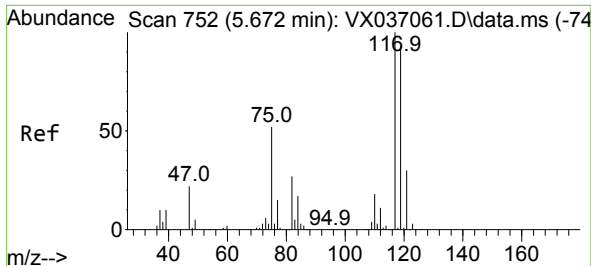
Tgt Ion:113 Resp: 74658
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 18.9 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.172 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX037293.D
Acq: 28 Aug 2023 14:35

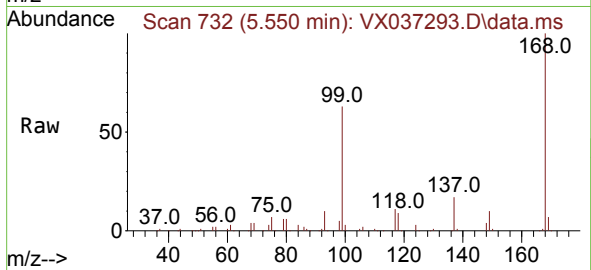
Tgt Ion: 75 Resp: 11918
Ion Ratio Lower Upper
75 100
110 8.9 17.0 50.9#
77 0.0 24.7 37.1#



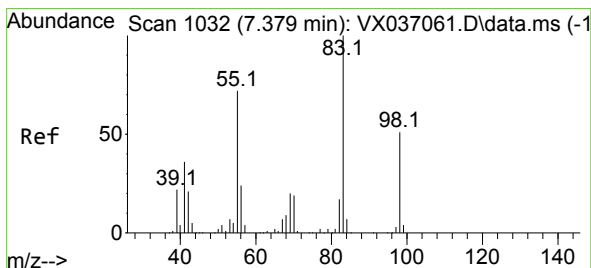
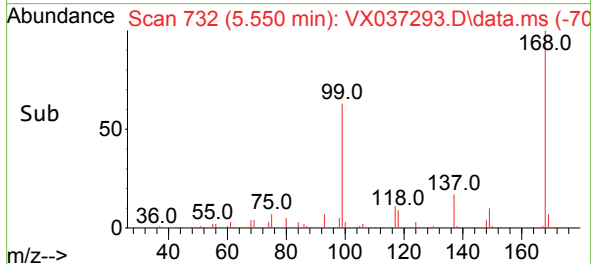
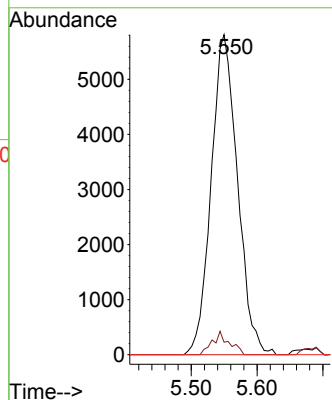


#38
Carbon Tetrachloride
Concen: 6.474 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037293.D
Acq: 28 Aug 2023 14:35

Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20230817

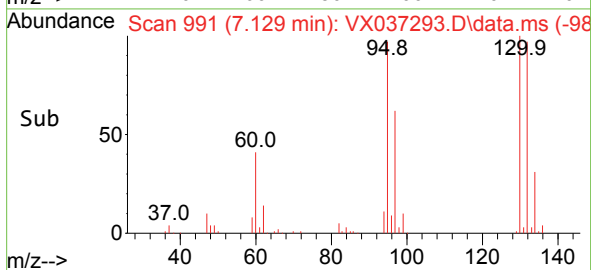
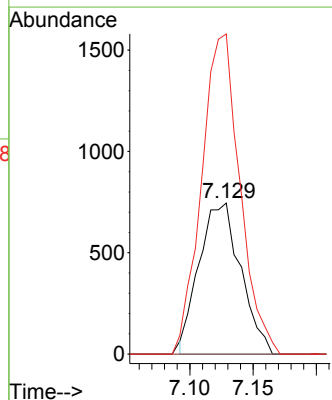
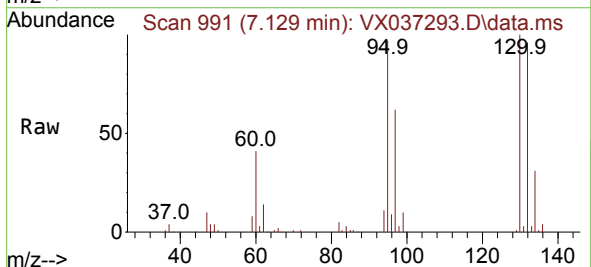


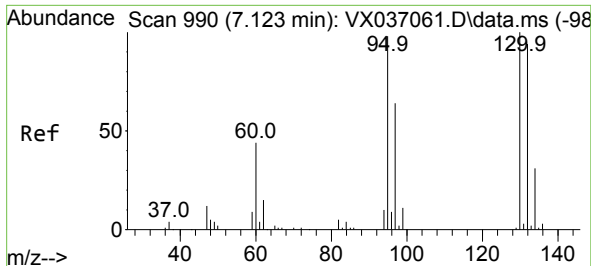
Tgt Ion:117 Resp: 16205
Ion Ratio Lower Upper
117 100
119 3.9 78.2 117.2#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 0.702 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.250 min
Lab File: VX037293.D
Acq: 28 Aug 2023 14:35

Tgt Ion: 83 Resp: 1699
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 212.1 36.7 55.1#

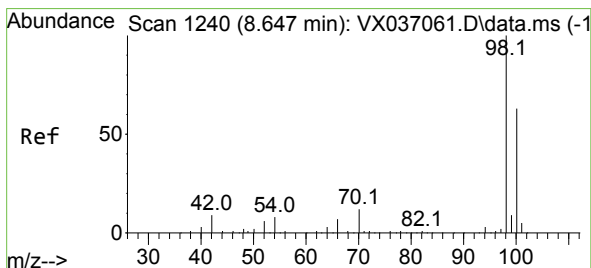
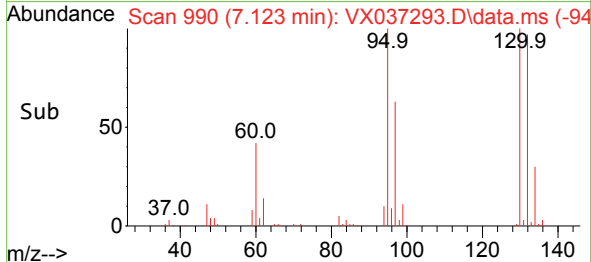
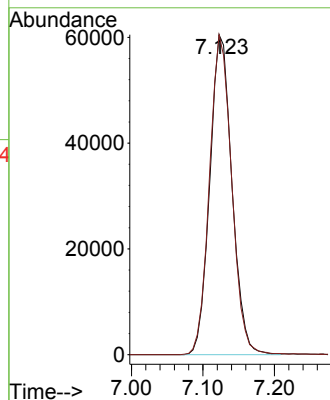
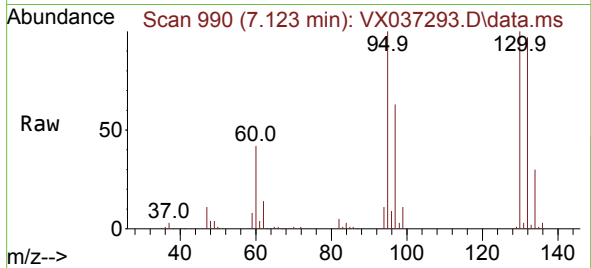




#44
Trichloroethene
Concen: 69.504 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX037293.D
Acq: 28 Aug 2023 14:35

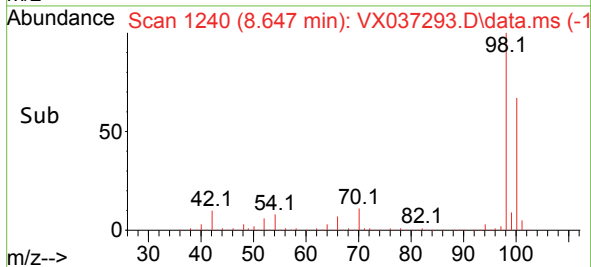
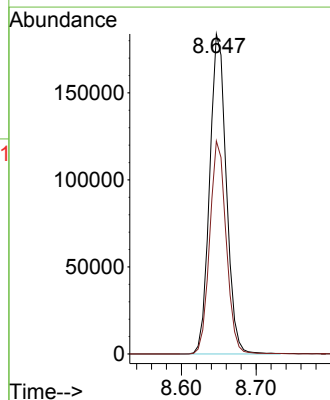
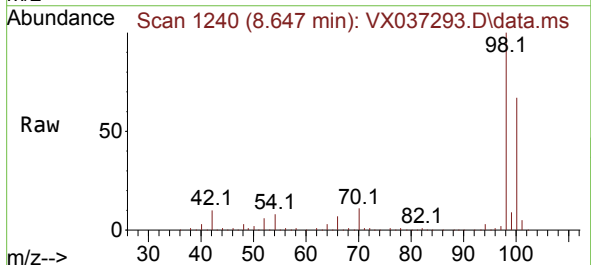
Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20230817

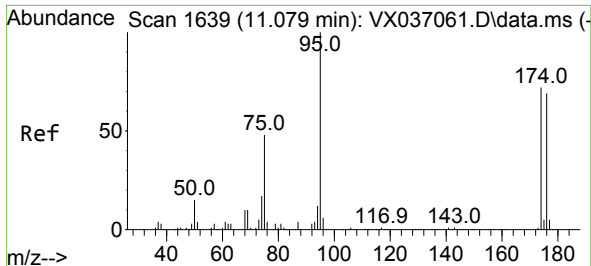
Tgt Ion:130 Resp: 130240
Ion Ratio Lower Upper
130 100
95 99.9 0.0 204.4



#50
Toluene-d8
Concen: 48.268 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037293.D
Acq: 28 Aug 2023 14:35

Tgt Ion: 98 Resp: 283961
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7

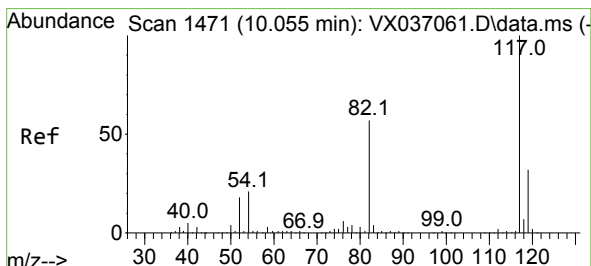
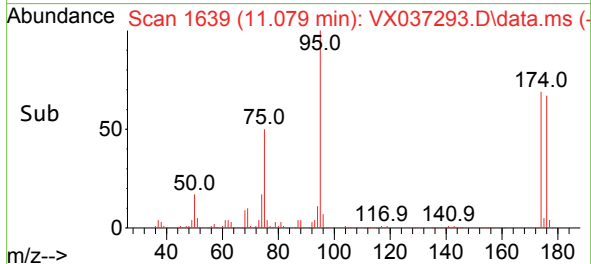
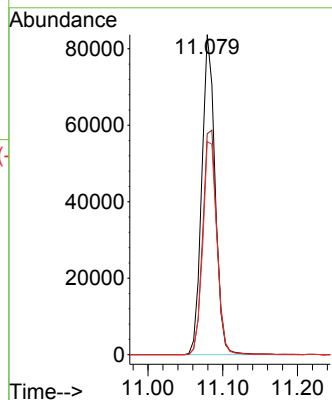
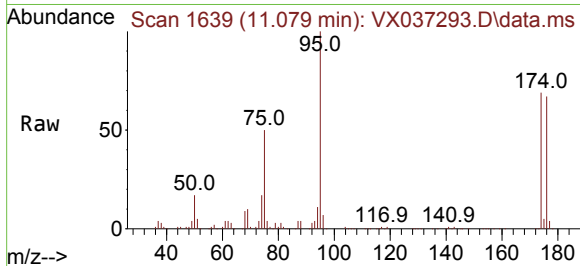




#62
4-Bromofluorobenzene
Concen: 44.738 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX037293.D
Acq: 28 Aug 2023 14:35

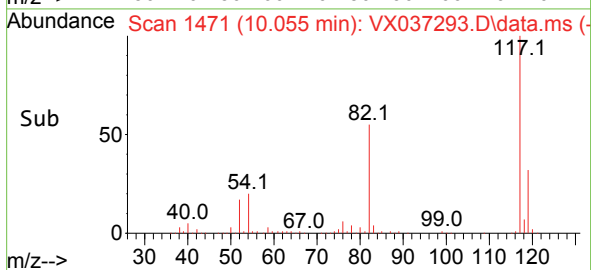
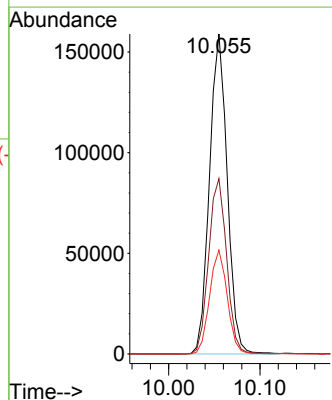
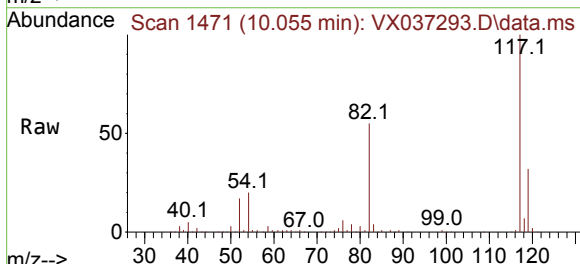
Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20230817

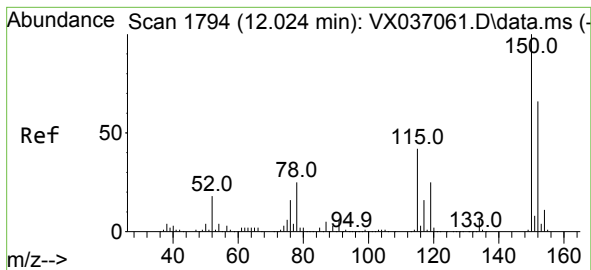
Tgt Ion: 95 Resp: 103433
Ion Ratio Lower Upper
95 100
174 74.8 0.0 135.6
176 70.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037293.D
Acq: 28 Aug 2023 14:35

Tgt Ion: 117 Resp: 213995
Ion Ratio Lower Upper
117 100
82 54.8 46.2 69.4
119 32.5 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: VX037293.D

Acq: 28 Aug 2023 14:35

Instrument :

MSVOA_X

ClientSampleId :

RE105D2-20230817

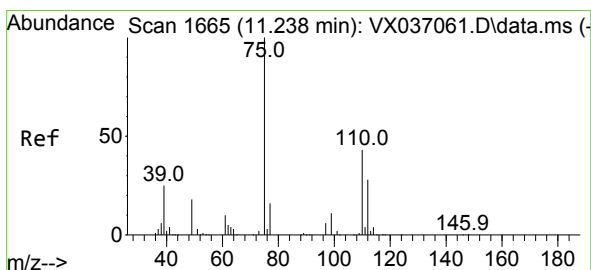
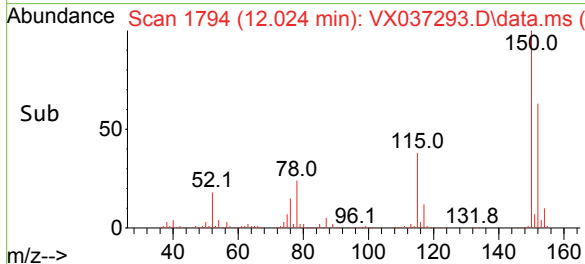
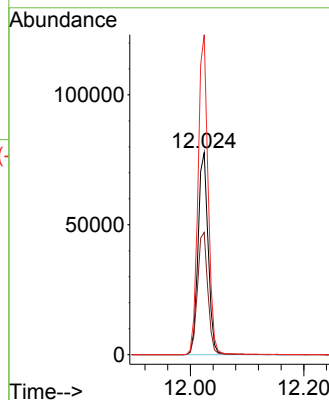
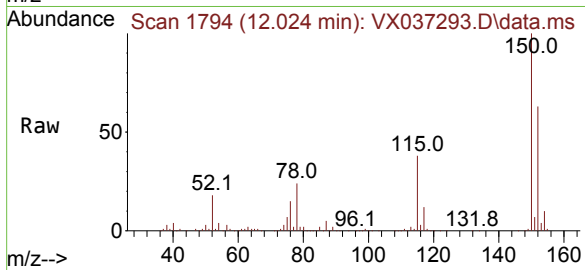
Tgt Ion:152 Resp: 95912

Ion Ratio Lower Upper

152 100

115 61.9 43.3 129.9

150 157.4 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 25.675 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037293.D

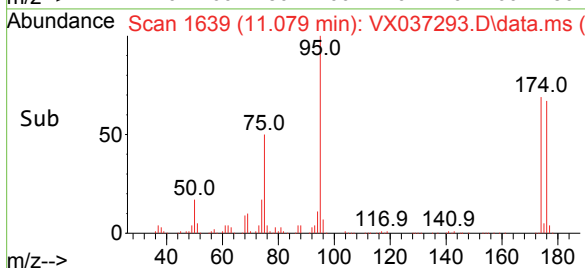
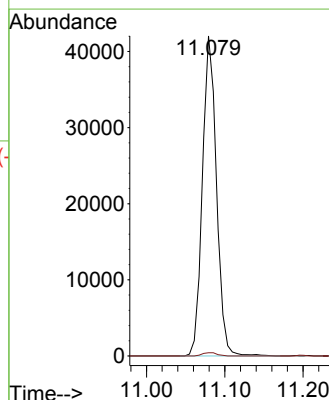
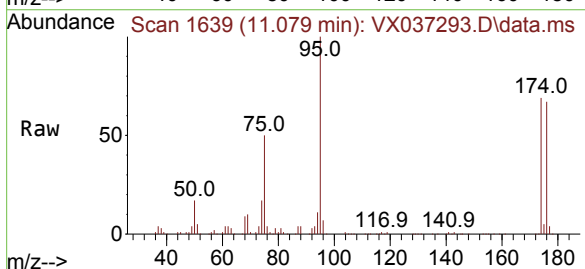
Acq: 28 Aug 2023 14:35

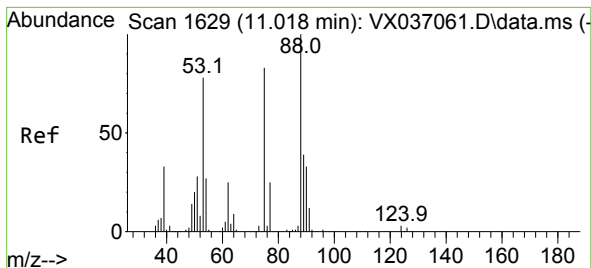
Tgt Ion: 75 Resp: 52445

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#

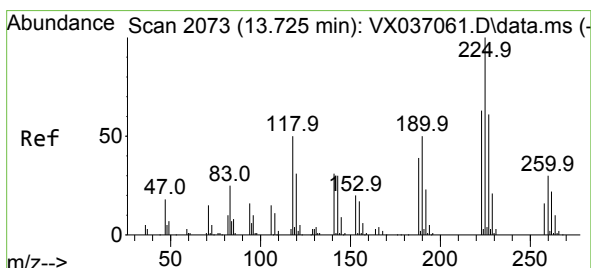
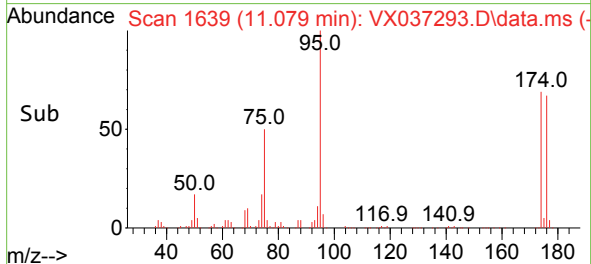
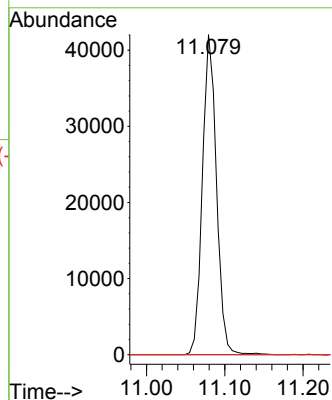
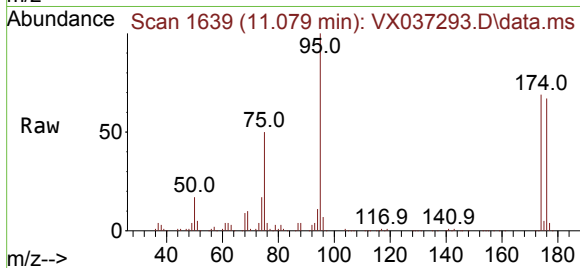




#81
trans-1,4-Dichloro-2-butene
Concen: 71.713 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037293.D
Acq: 28 Aug 2023 14:35

Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20230817

Tgt Ion: 75 Resp: 52445
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#94
Hexachlorobutadiene
Concen: 0.210 ug/l
RT: 13.731 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VX037293.D
Acq: 28 Aug 2023 14:35

Tgt Ion: 225 Resp: 148
Ion Ratio Lower Upper
225 100
223 37.8 31.1 93.2
227 75.7 32.5 97.5

