

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082523\
 Data File : VX037280.D
 Acq On : 25 Aug 2023 18:47
 Operator : JC/MD
 Sample : 04095-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT172S1-20230818

Quant Time: Aug 26 02:25:19 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)

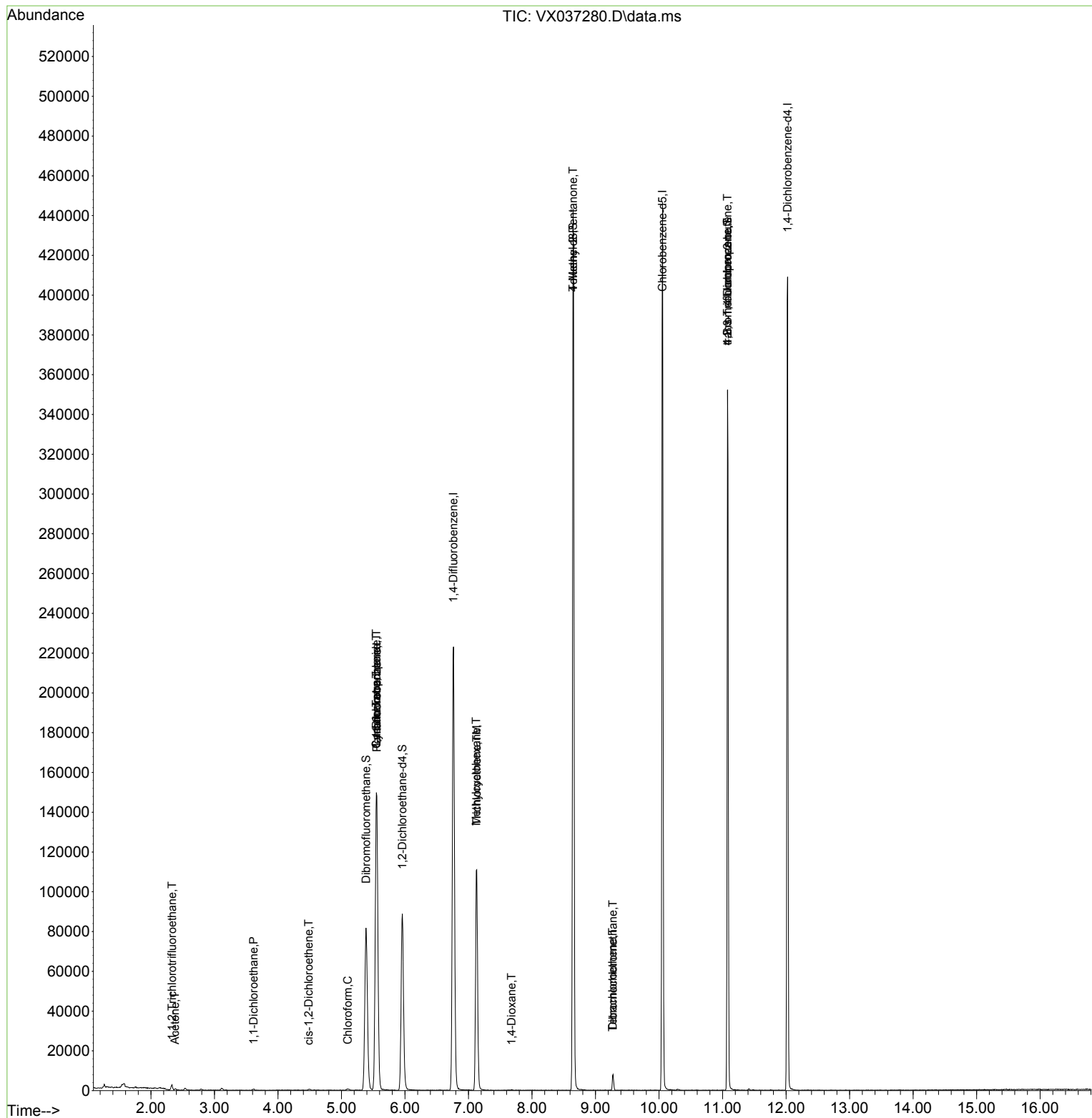
Internal Standards						
1) Pentafluorobenzene	5.556	168	140748	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	235218	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206739	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88261	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89731	44.221	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.440%		
35) Dibromofluoromethane	5.385	113	72284	46.402	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.800%		
50) Toluene-d8	8.647	98	272315	48.191	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.380%		
62) 4-Bromofluorobenzene	11.079	95	98662	44.429	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.860%		
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	894	0.601	ug/l	91
16) Acetone	2.380	43	721	0.908	ug/l #	79
24) 1,1-Dichloroethane	3.617	63	774	0.268	ug/l #	83
27) cis-1,2-Dichloroethene	4.483	96	468	0.241	ug/l	50
30) Chloroform	5.099	83	996	0.307	ug/l	86
31) Cyclohexane	5.550	56	2709	1.187	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11285	5.099	ug/l #	50
38) Carbon Tetrachloride	5.550	117	15290	6.360	ug/l #	15
39) Methylcyclohexane	7.123	83	515	0.221	ug/l #	1
44) Trichloroethene	7.129	130	45330	25.185	ug/l	97
49) 1,4-Dioxane	7.677	88	228	4.836	ug/l #	65
51) 4-Methyl-2-Pentanone	8.647	43	1016	0.466	ug/l #	1
60) Dibromochloromethane	9.275	129	1570	0.863	ug/l #	11
64) Tetrachloroethene	9.269	164	1513	1.003	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	49441	26.303	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	49441	73.466	ug/l #	5

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

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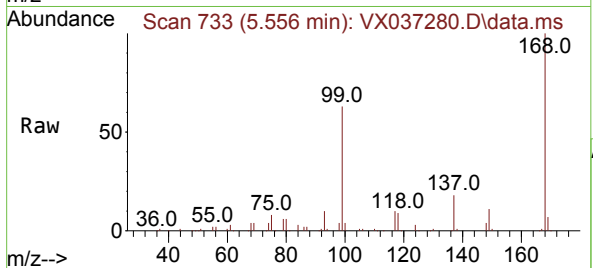
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
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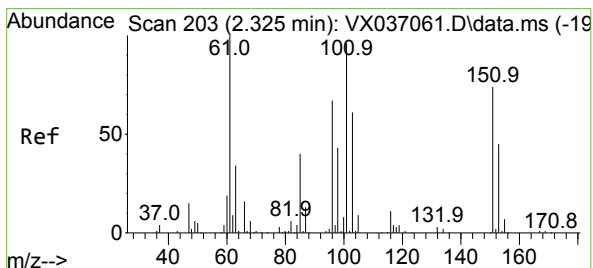
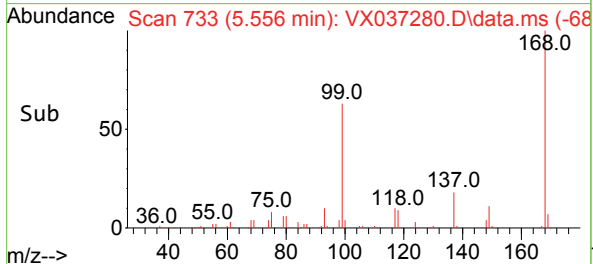
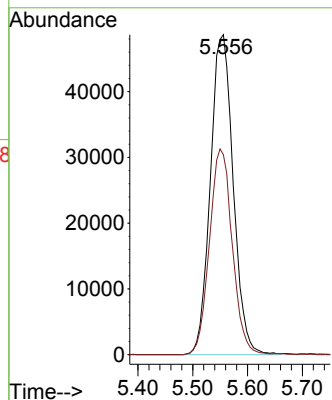


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037280.D
Acq: 25 Aug 2023 18:47

Instrument :
MSVOA_X
ClientSampleId :
TT172S1-20230818

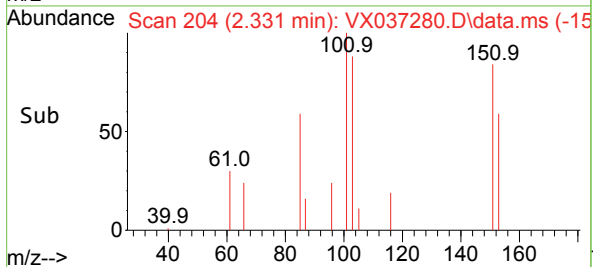
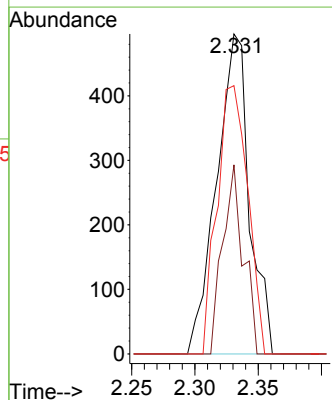
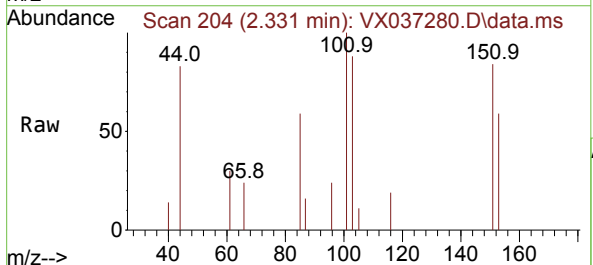


Tgt Ion:168 Resp: 140748
Ion Ratio Lower Upper
168 100
99 62.5 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.601 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX037280.D
Acq: 25 Aug 2023 18:47

Tgt Ion:101 Resp: 894
Ion Ratio Lower Upper
101 100
85 37.2 37.0 55.6
151 78.5 58.6 87.8

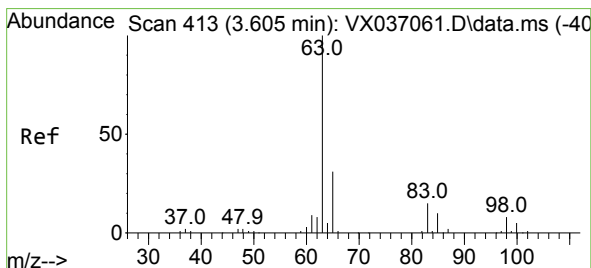
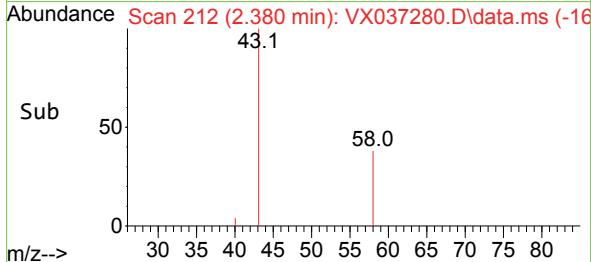
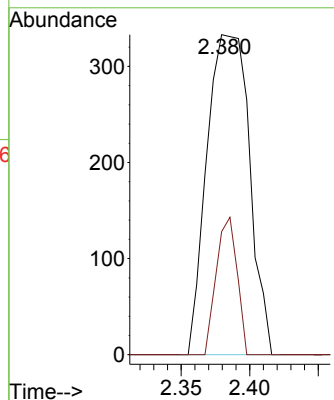
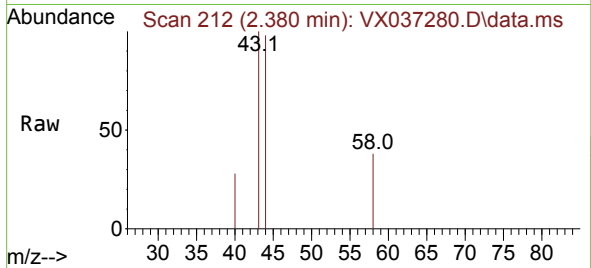




#16
Acetone
Concen: 0.908 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX037280.D
Acq: 25 Aug 2023 18:47

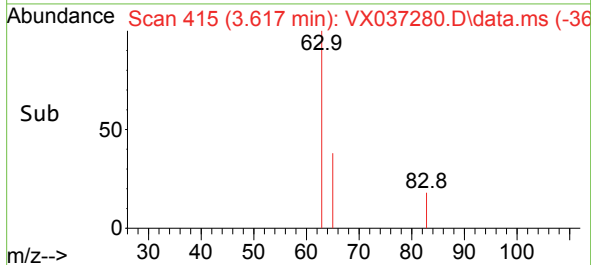
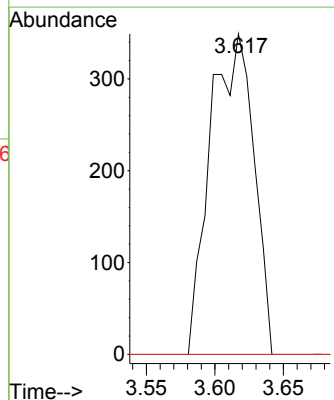
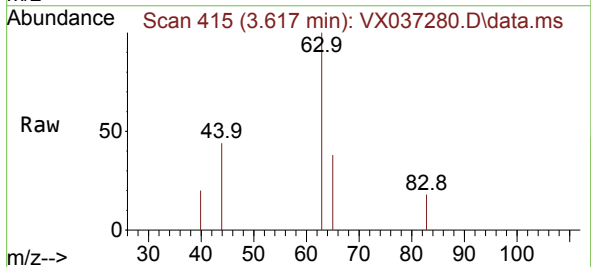
Instrument :
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ClientSampleId :
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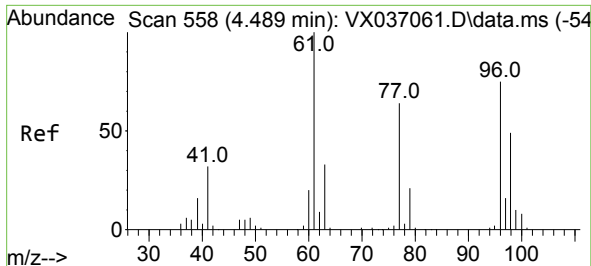
Tgt Ion: 43 Resp: 721
Ion Ratio Lower Upper
43 100
58 38.4 21.9 32.9#



#24
1,1-Dichloroethane
Concen: 0.268 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.012 min
Lab File: VX037280.D
Acq: 25 Aug 2023 18:47

Tgt Ion: 63 Resp: 774
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.8#
100 0.0 2.1 6.5#

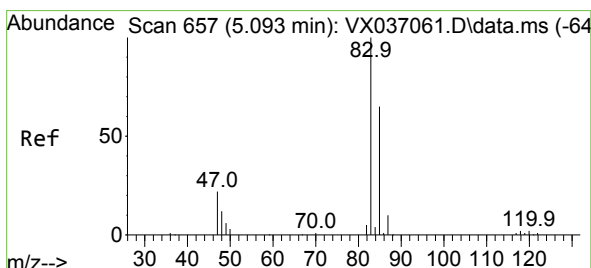
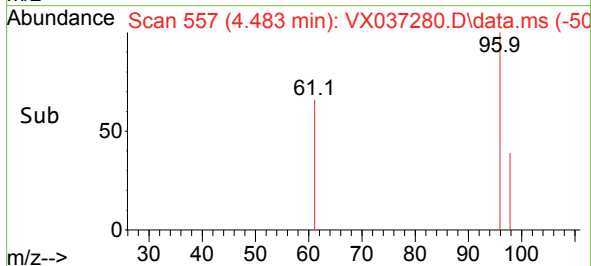
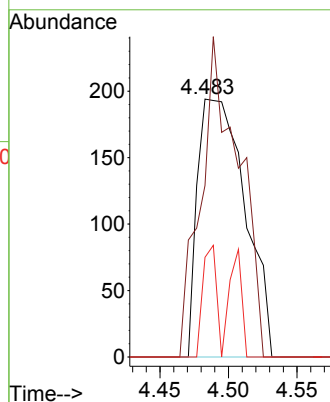
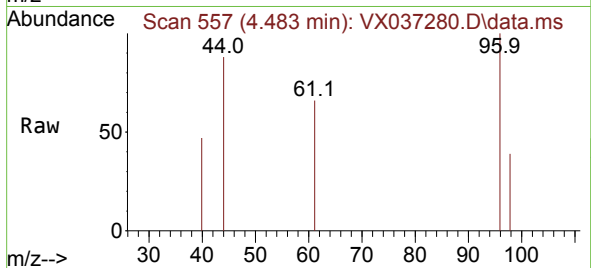




#27
cis-1,2-Dichloroethene
Concen: 0.241 ug/l
RT: 4.483 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX037280.D
Acq: 25 Aug 2023 18:47

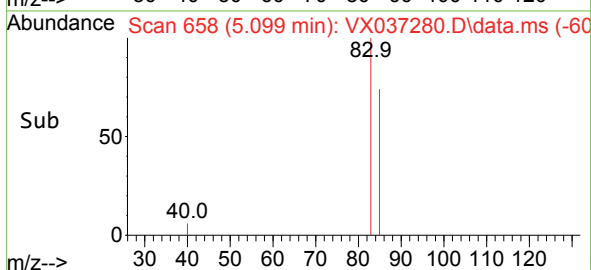
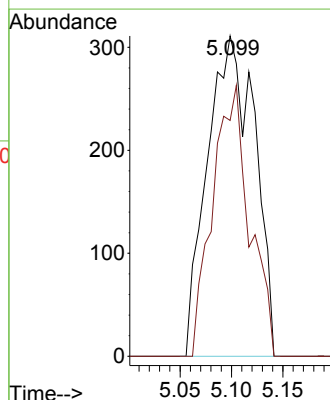
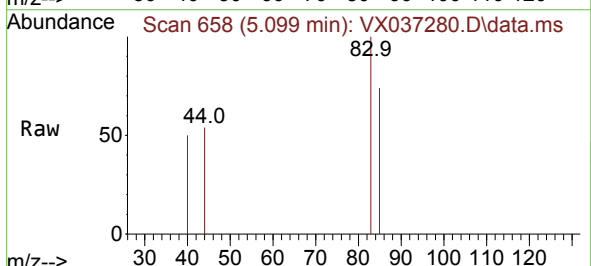
Instrument :
MSVOA_X
ClientSampleId :
TT172S1-20230818

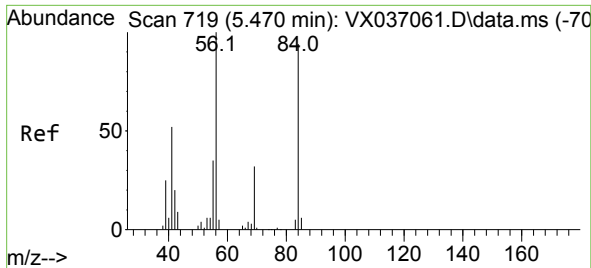
Tgt Ion: 96 Resp: 468
Ion Ratio Lower Upper
96 100
61 99.1 0.0 312.2
98 12.4 0.0 129.0



#30
Chloroform
Concen: 0.307 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.006 min
Lab File: VX037280.D
Acq: 25 Aug 2023 18:47

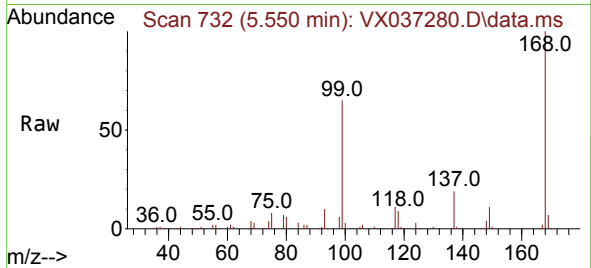
Tgt Ion: 83 Resp: 996
Ion Ratio Lower Upper
83 100
85 73.6 50.3 75.5



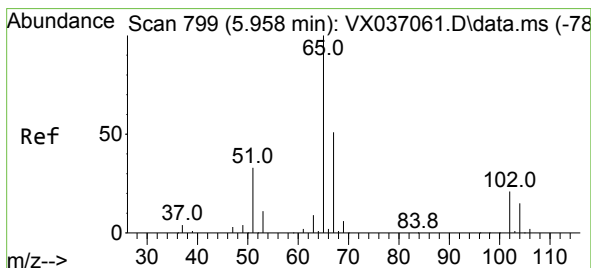
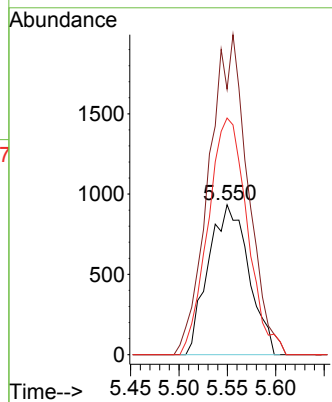
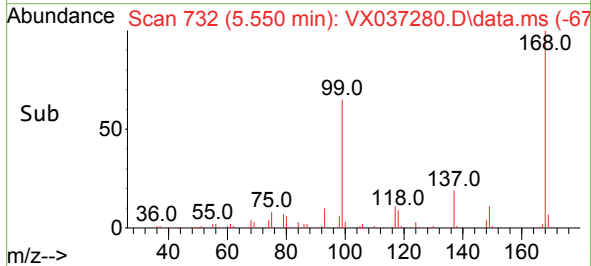


#31
Cyclohexane
Concen: 1.187 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX037280.D
Acq: 25 Aug 2023 18:47

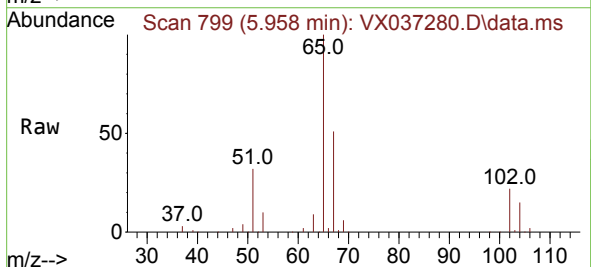
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ClientSampleId :
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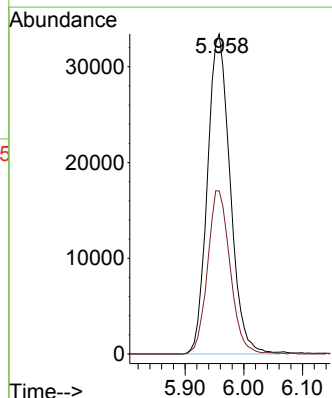
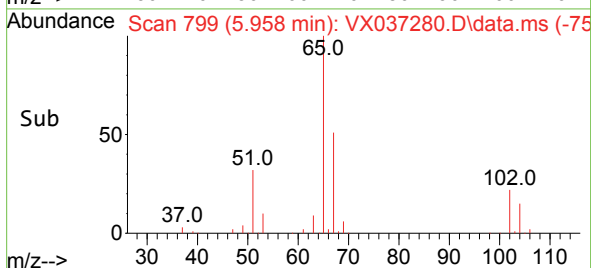
Tgt Ion: 56 Resp: 2709
Ion Ratio Lower Upper
56 100
69 170.6 23.4 35.2#
84 157.8 65.9 98.9#

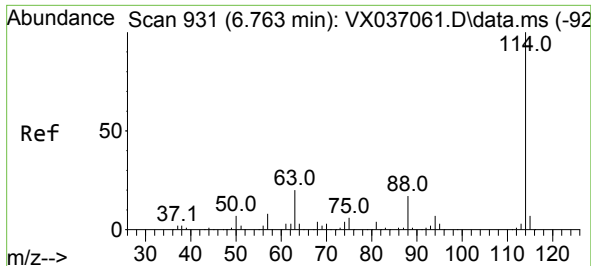


#33
1,2-Dichloroethane-d4
Concen: 44.221 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX037280.D
Acq: 25 Aug 2023 18:47



Tgt Ion: 65 Resp: 89731
Ion Ratio Lower Upper
65 100
67 50.7 0.0 100.2

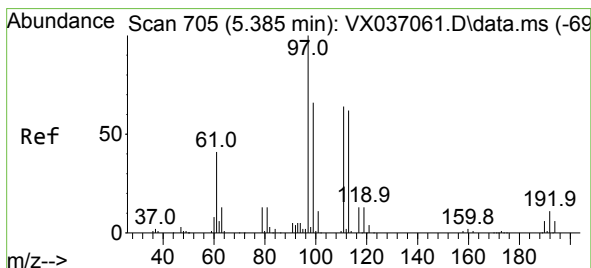
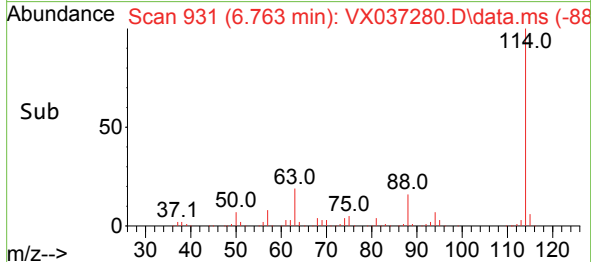
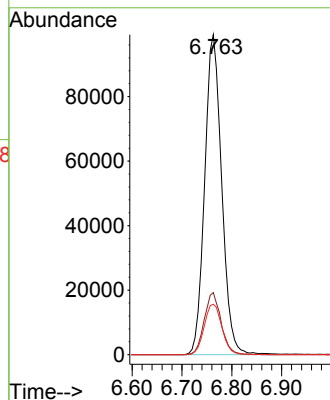
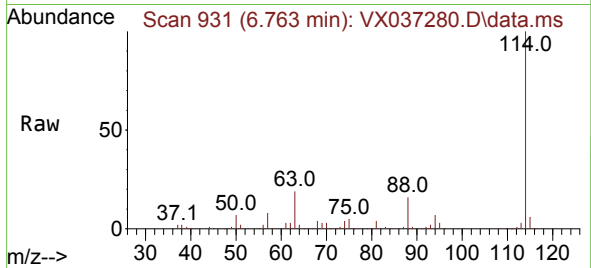




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037280.D
Acq: 25 Aug 2023 18:47

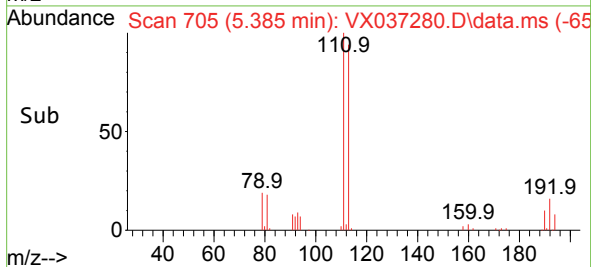
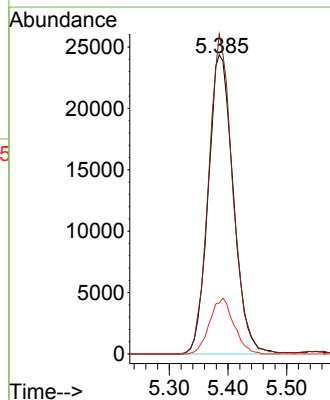
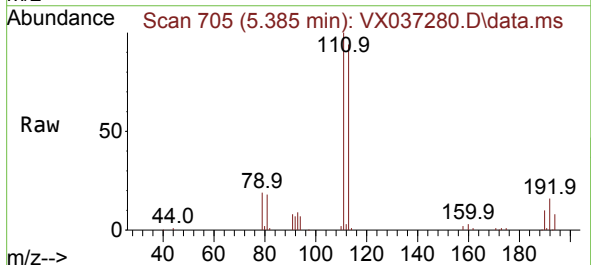
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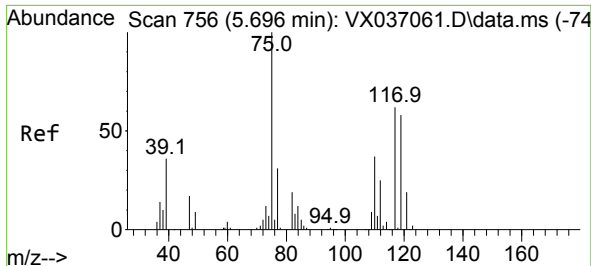
Tgt Ion:114 Resp: 235218
Ion Ratio Lower Upper
114 100
63 19.4 0.0 45.0
88 15.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.402 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037280.D
Acq: 25 Aug 2023 18:47

Tgt Ion:113 Resp: 72284
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 18.0 13.3 19.9

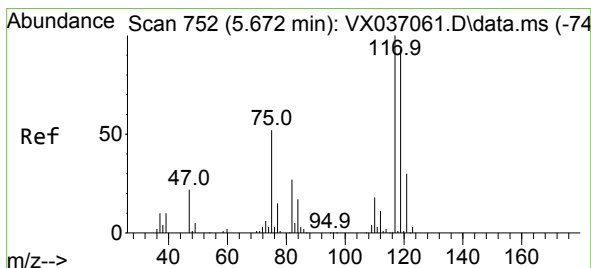
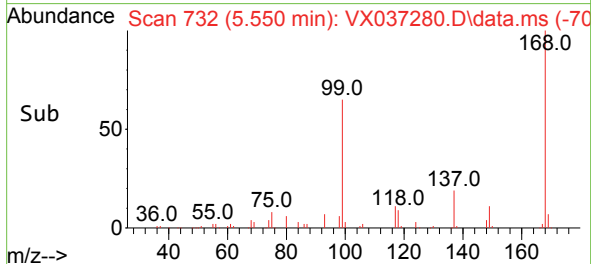
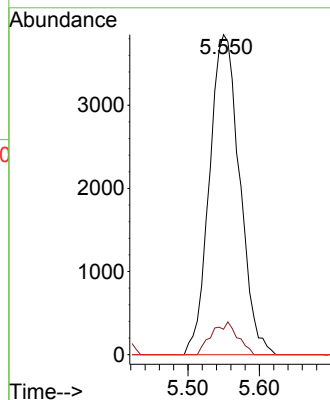
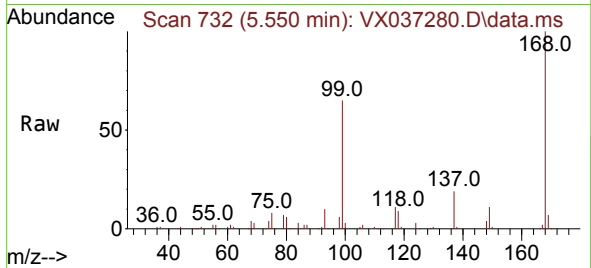




#36
1,1-Dichloropropene
Concen: 5.099 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX037280.D
Acq: 25 Aug 2023 18:47

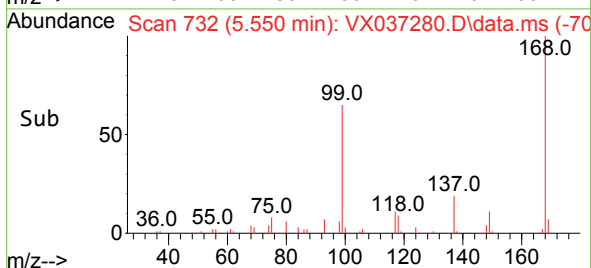
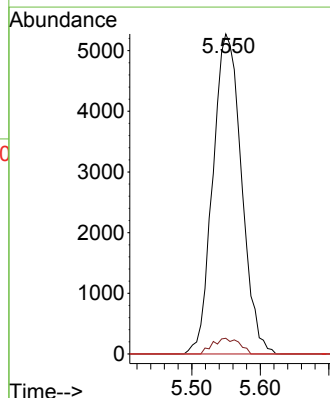
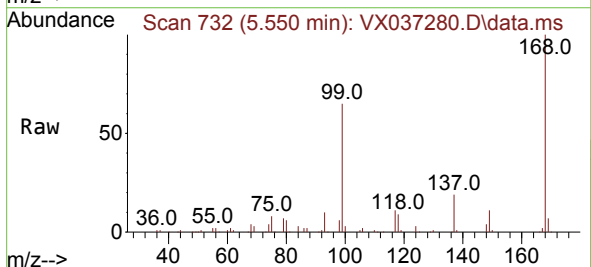
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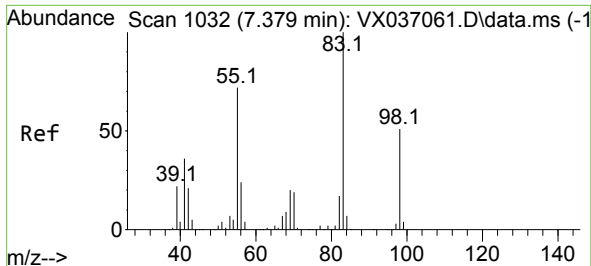
Tgt Ion: 75 Resp: 11285
Ion Ratio Lower Upper
75 100
110 8.8 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.360 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX037280.D
Acq: 25 Aug 2023 18:47

Tgt Ion: 117 Resp: 15290
Ion Ratio Lower Upper
117 100
119 4.9 78.2 117.2#
121 0.0 24.4 36.6#

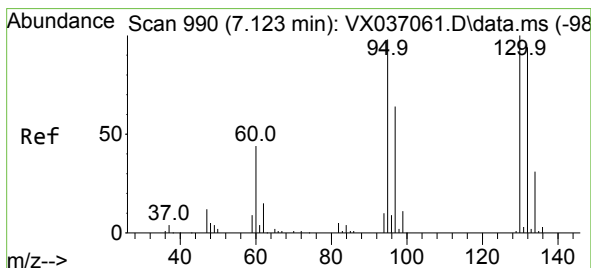
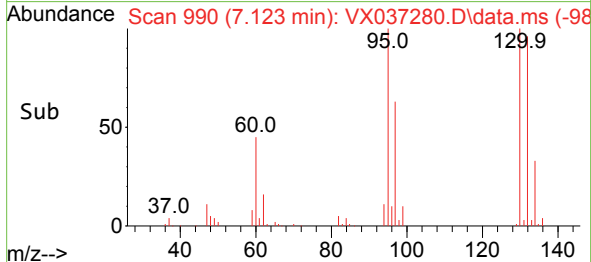
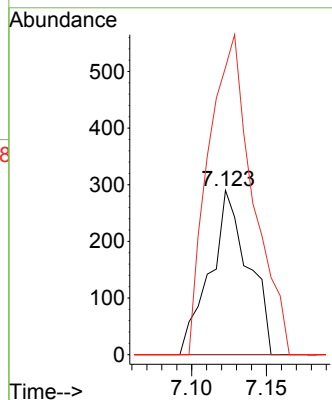
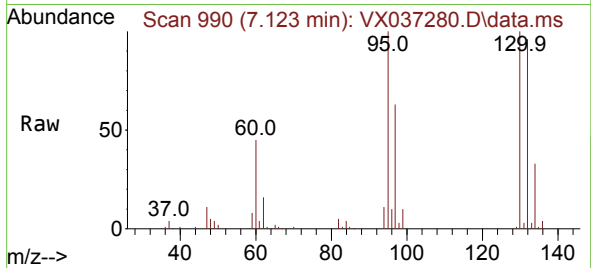




#39
Methylcyclohexane
Concen: 0.221 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.256 min
Lab File: VX037280.D
Acq: 25 Aug 2023 18:47

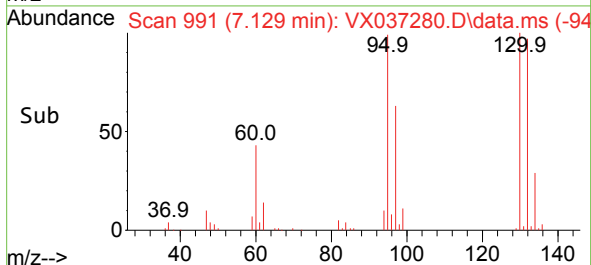
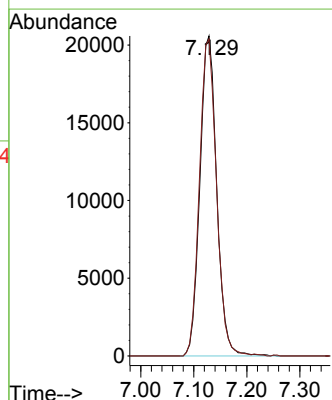
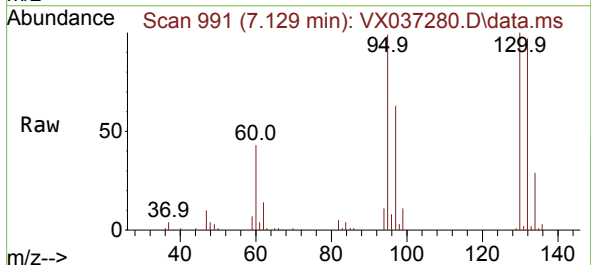
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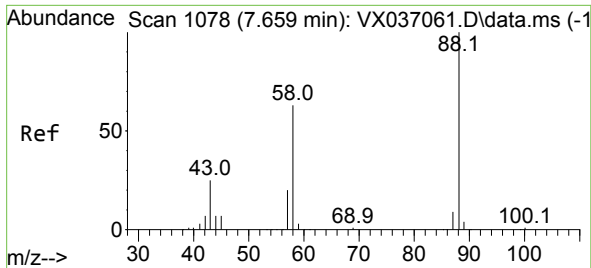
Tgt Ion: 83 Resp: 515
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 174.8 36.7 55.1#



#44
Trichloroethene
Concen: 25.185 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037280.D
Acq: 25 Aug 2023 18:47

Tgt Ion:130 Resp: 45330
Ion Ratio Lower Upper
130 100
95 99.0 0.0 204.4

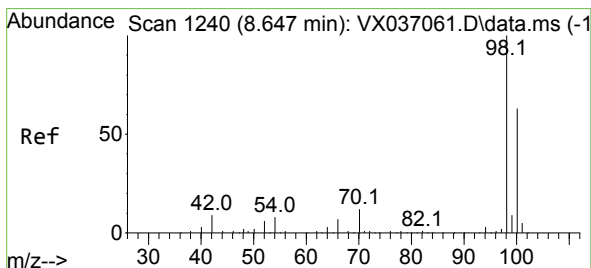
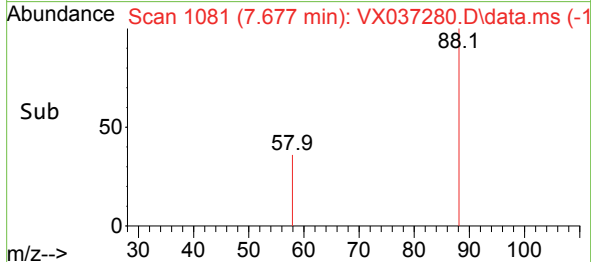
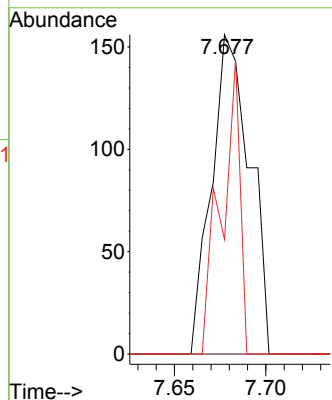
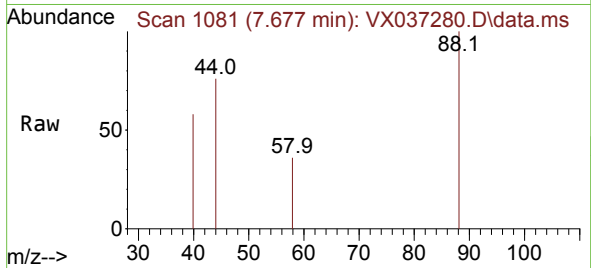




#49
1,4-Dioxane
Concen: 4.836 ug/l
RT: 7.677 min Scan# 1078
Delta R.T. 0.018 min
Lab File: VX037280.D
Acq: 25 Aug 2023 18:47

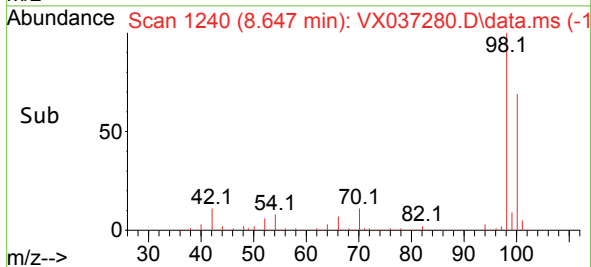
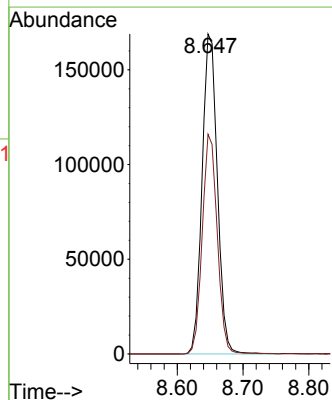
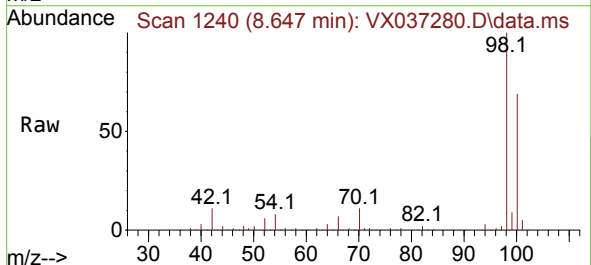
Instrument :
MSVOA_X
ClientSampleId :
TT172S1-20230818

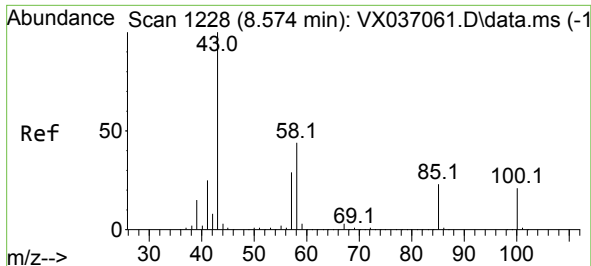
Tgt Ion: 88 Resp: 228
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 45.2 60.1 90.1#



#50
Toluene-d8
Concen: 48.191 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037280.D
Acq: 25 Aug 2023 18:47

Tgt Ion: 98 Resp: 272315
Ion Ratio Lower Upper
98 100
100 67.5 53.1 79.7

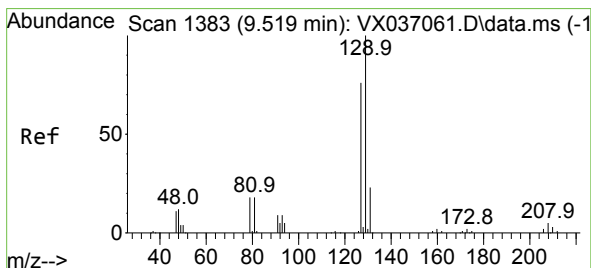
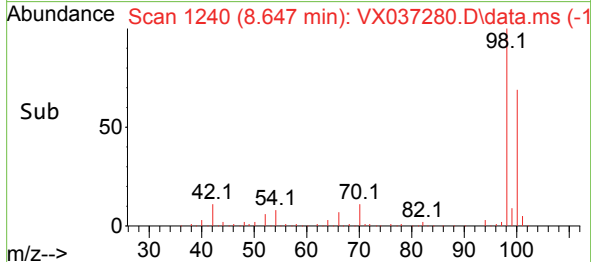
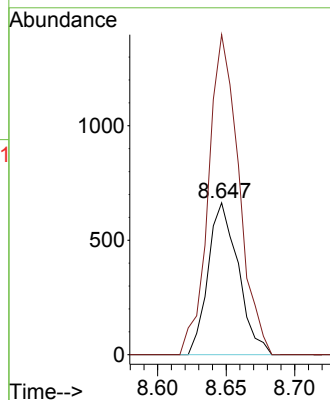
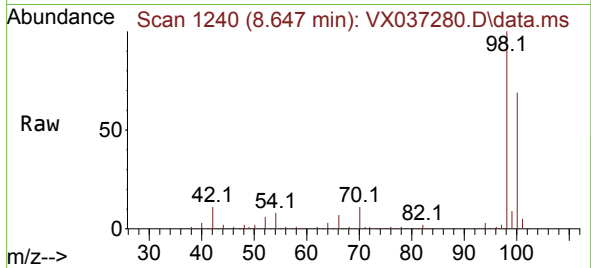




#51
4-Methyl-2-Pentanone
Concen: 0.466 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX037280.D
Acq: 25 Aug 2023 18:47

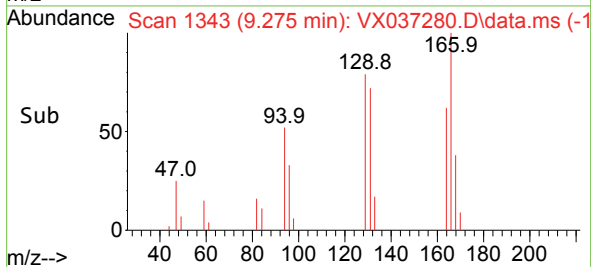
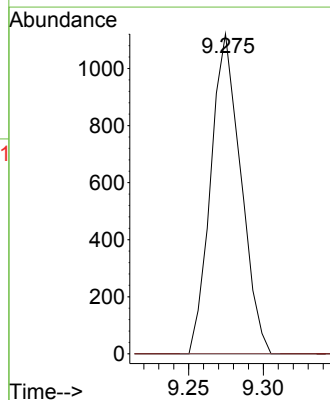
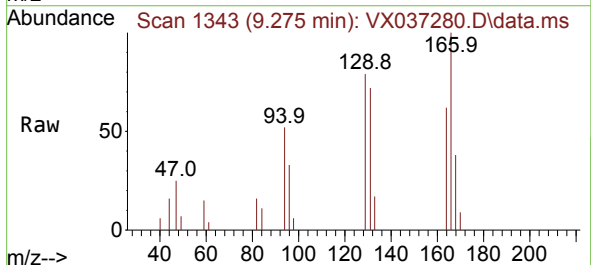
Instrument :
MSVOA_X
ClientSampleId :
TT172S1-20230818

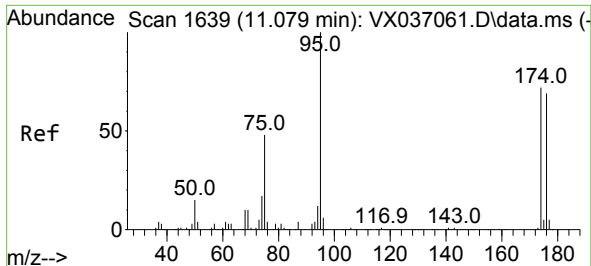
Tgt Ion: 43 Resp: 1016
Ion Ratio Lower Upper
43 100
58 213.1 30.4 45.6#



#60
Dibromochloromethane
Concen: 0.863 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX037280.D
Acq: 25 Aug 2023 18:47

Tgt Ion: 129 Resp: 1570
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

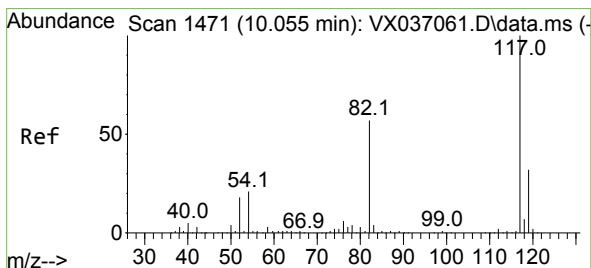
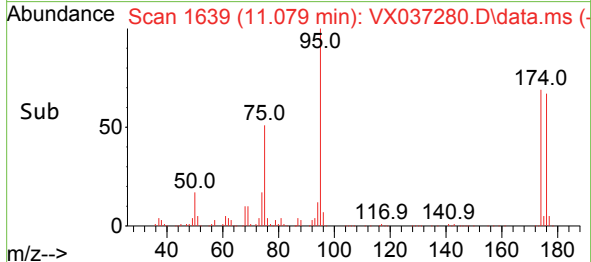
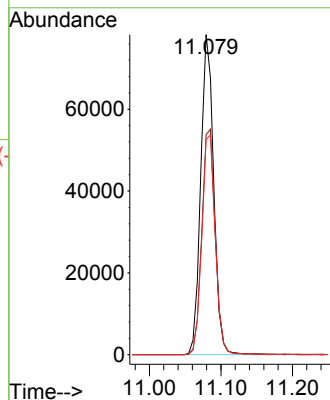
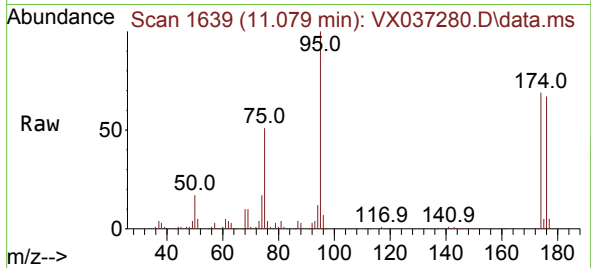




#62
4-Bromofluorobenzene
Concen: 44.429 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037280.D
Acq: 25 Aug 2023 18:47

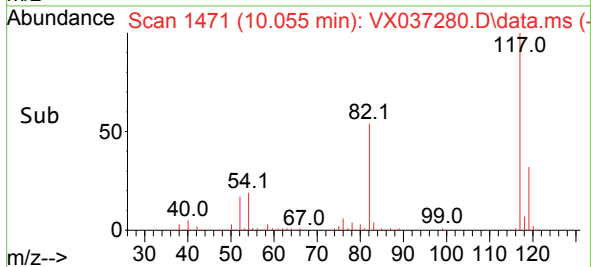
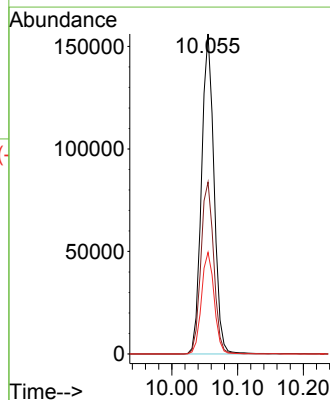
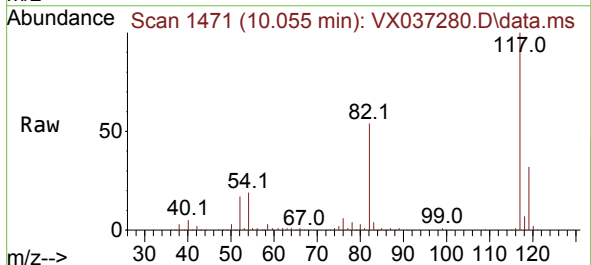
Instrument :
MSVOA_X
ClientSampleId :
TT172S1-20230818

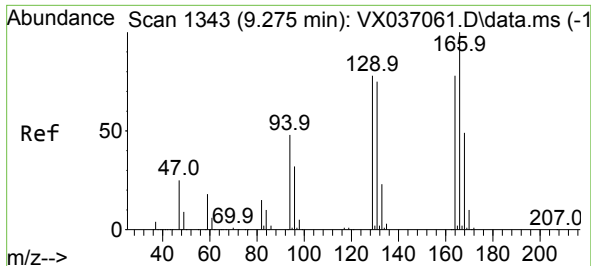
Tgt Ion: 95 Resp: 98662
Ion Ratio Lower Upper
95 100
174 73.1 0.0 135.6
176 71.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037280.D
Acq: 25 Aug 2023 18:47

Tgt Ion: 117 Resp: 206739
Ion Ratio Lower Upper
117 100
82 53.7 46.2 69.4
119 31.7 25.5 38.3

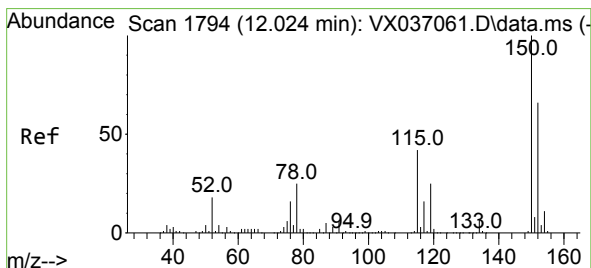
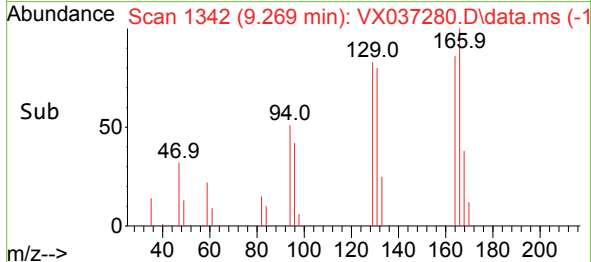
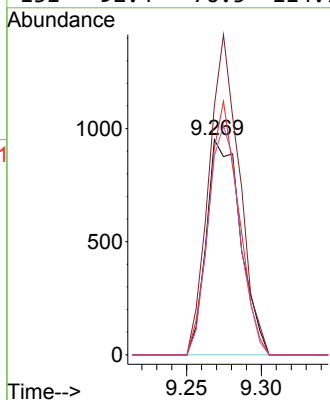
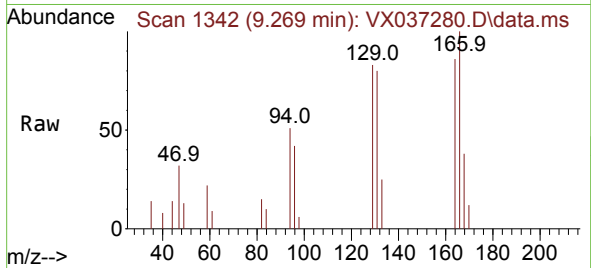




#64
Tetrachloroethene
Concen: 1.003 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX037280.D
Acq: 25 Aug 2023 18:47

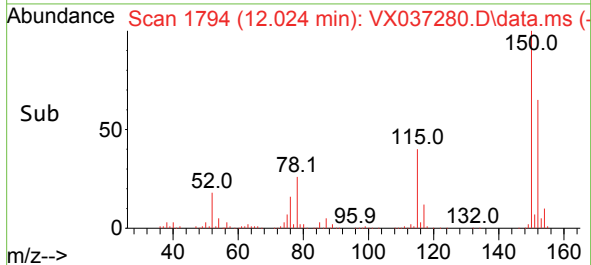
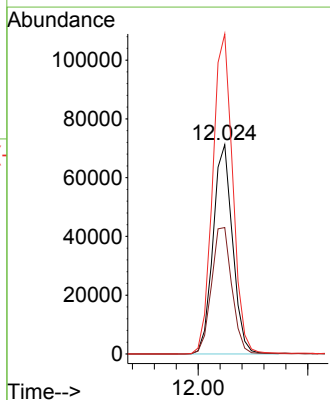
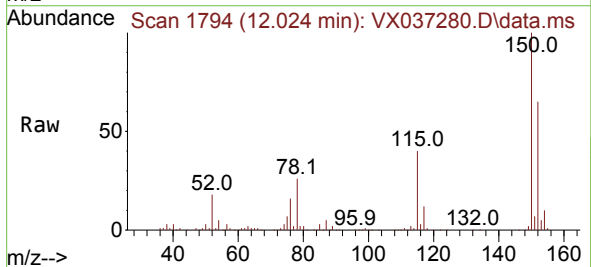
Instrument :
MSVOA_X
ClientSampleId :
TT172S1-20230818

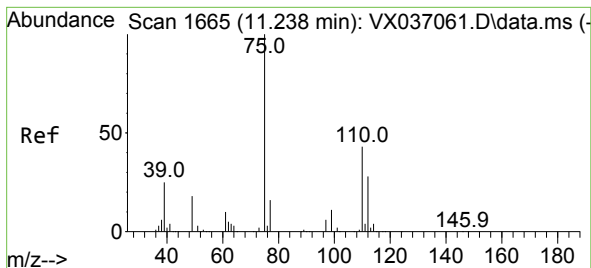
Tgt Ion:164 Resp: 1513
Ion Ratio Lower Upper
164 100
166 115.7 102.7 154.1
129 96.0 80.4 120.6
131 92.4 76.5 114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037280.D
Acq: 25 Aug 2023 18:47

Tgt Ion:152 Resp: 88261
Ion Ratio Lower Upper
152 100
115 63.2 43.3 129.9
150 156.9 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 26.303 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037280.D

Acq: 25 Aug 2023 18:47

Instrument :

MSVOA_X

ClientSampleId :

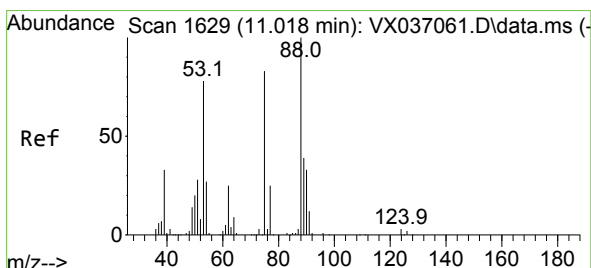
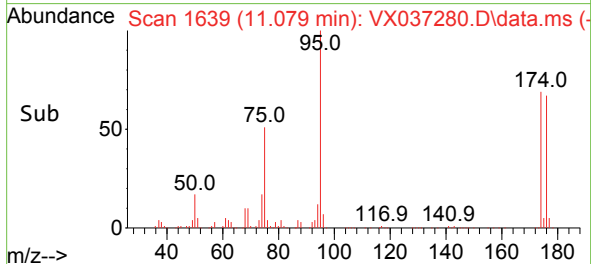
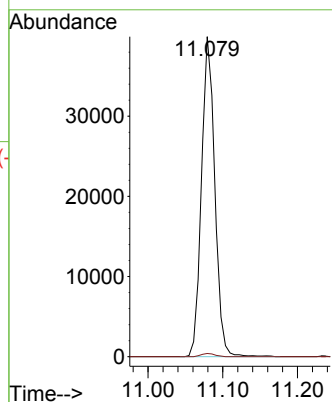
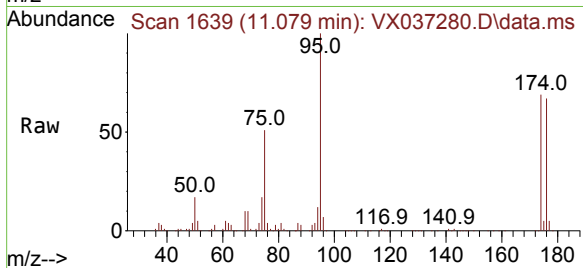
TT172S1-20230818

Tgt Ion: 75 Resp: 49441

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 73.466 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037280.D

Acq: 25 Aug 2023 18:47

Tgt Ion: 75 Resp: 49441

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

