

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091823\
 Data File : VY015625.D
 Acq On : 18 Sep 2023 19:20
 Operator : SY/MD
 Sample : 04441-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 19 02:06:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

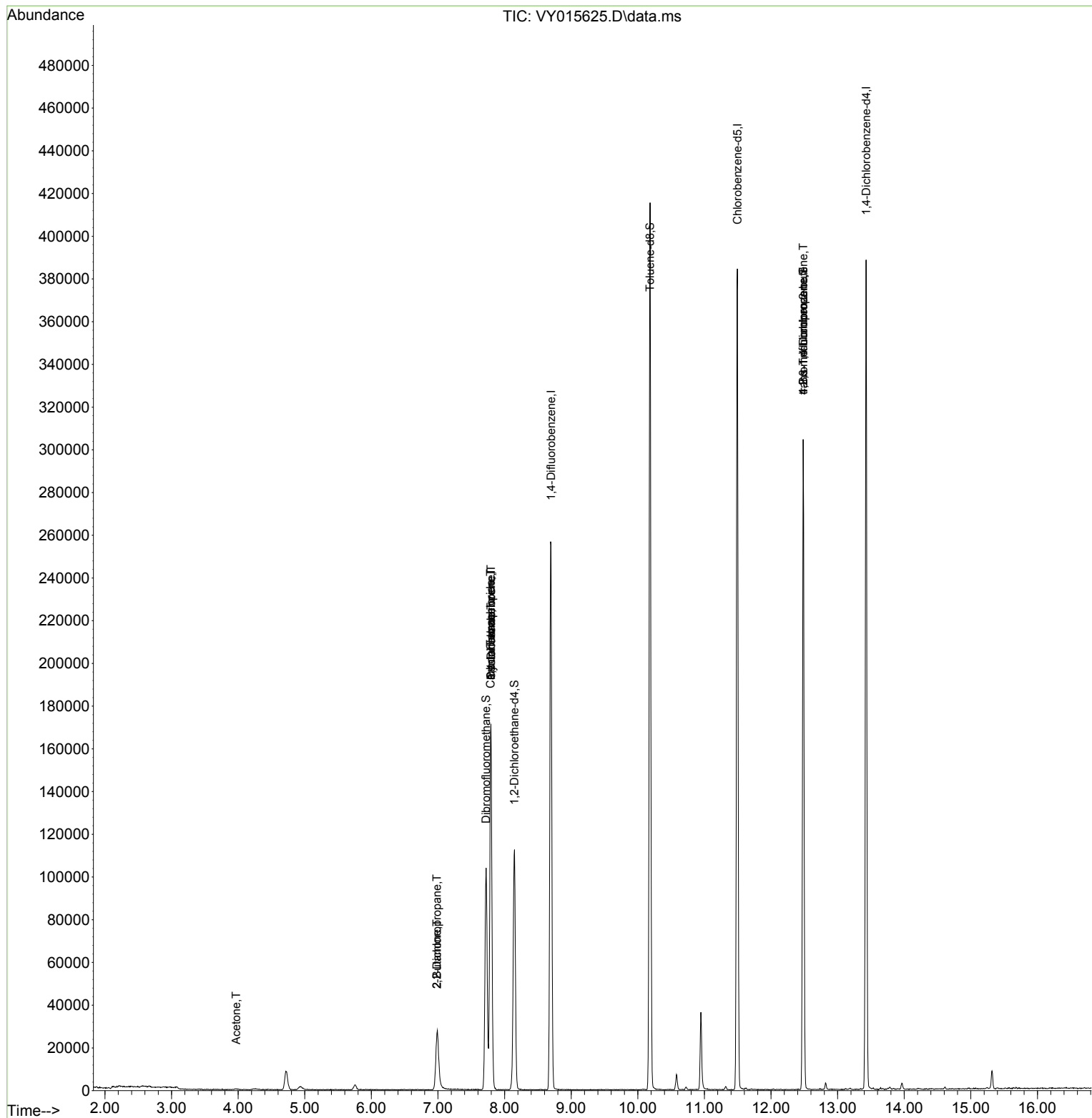
Internal Standards						
1) Pentafluorobenzene	7.795	168	133237	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	226998	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.495	117	209357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	97986	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	87554	61.300	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 122.600%			
35) Dibromofluoromethane	7.722	113	73820	56.461	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.920%			
50) Toluene-d8	10.185	98	266618	56.310	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 112.620%			
62) 4-Bromofluorobenzene	12.483	95	89631	50.992	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.980%			
Target Compounds						
11) Tert butyl alcohol	4.929	59	2047	Below Cal	#	89
16) Acetone	3.972	43	903	1.515	ug/l #	87
20) Methylene Chloride	4.716	84	6570	Below Cal		90
25) 2-Butanone	6.984	43	1520	1.798	ug/l #	74
26) 2,2-Dichloropropane	6.984	77	2360	1.042	ug/l #	54
31) Cyclohexane	7.795	56	2746	1.082	ug/l #	14
36) 1,1-Dichloropropene	7.795	75	10714	4.667	ug/l #	51
38) Carbon Tetrachloride	7.789	117	13370	5.639	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	47430	36.502	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	47430	80.518	ug/l #	10

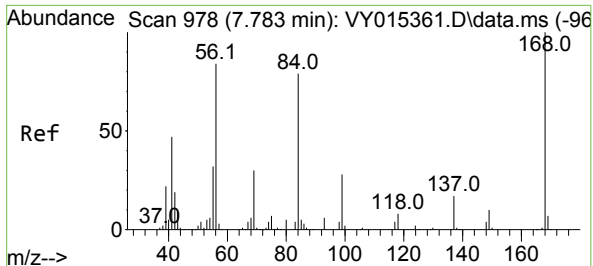
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091823\
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Quant Time: Sep 19 02:06:52 2023
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Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration

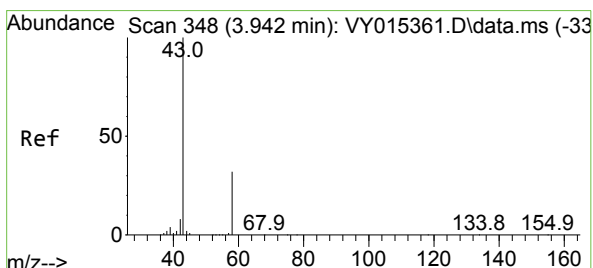
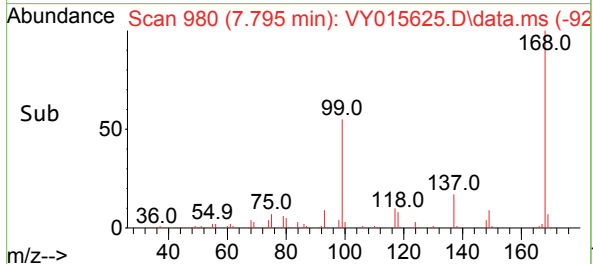
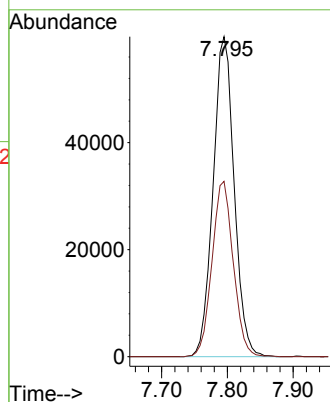
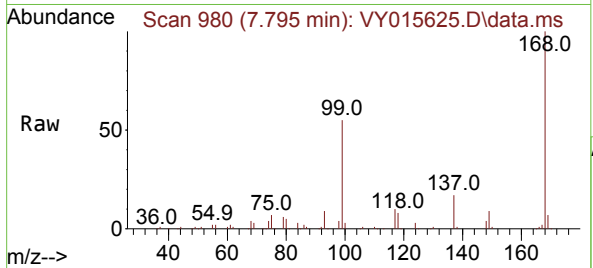




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015625.D
Acq: 18 Sep 2023 19:20

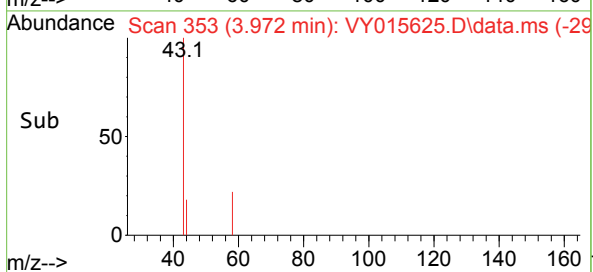
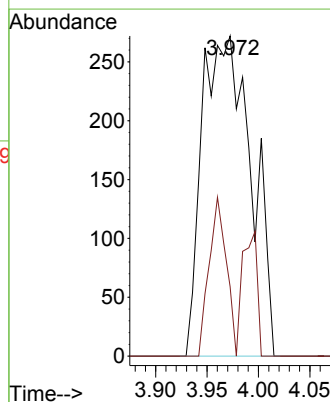
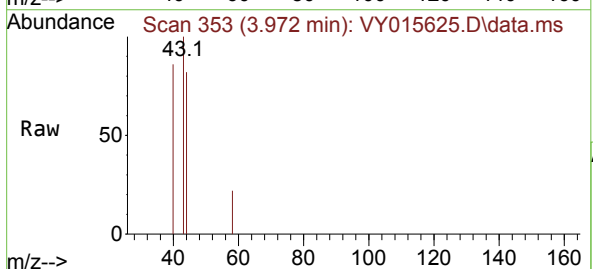
Instrument :
MSVOA_Y
ClientSampleId :

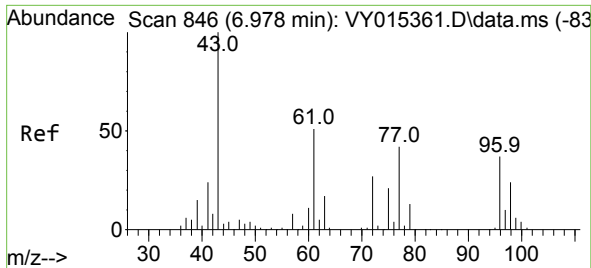
Tgt Ion:168 Resp: 133237
Ion Ratio Lower Upper
168 100
99 54.8 43.4 65.0



#16
Acetone
Concen: 1.515 ug/l
RT: 3.972 min Scan# 353
Delta R.T. 0.030 min
Lab File: VY015625.D
Acq: 18 Sep 2023 19:20

Tgt Ion: 43 Resp: 903
Ion Ratio Lower Upper
43 100
58 21.7 22.7 34.1#

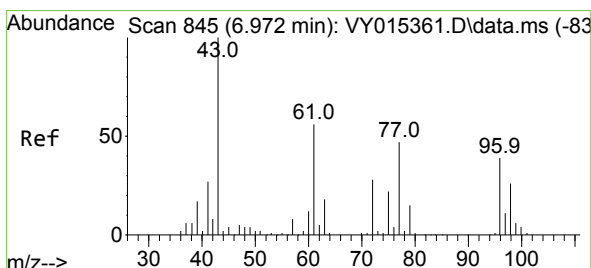
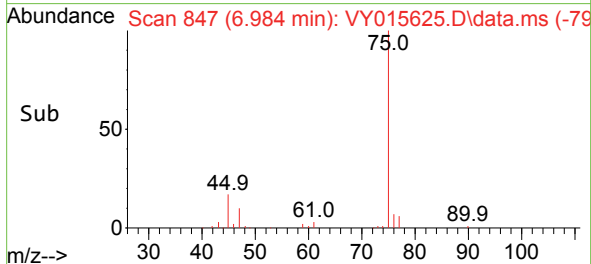
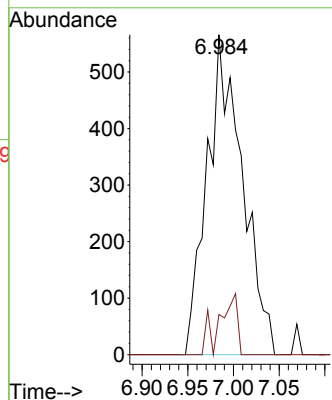
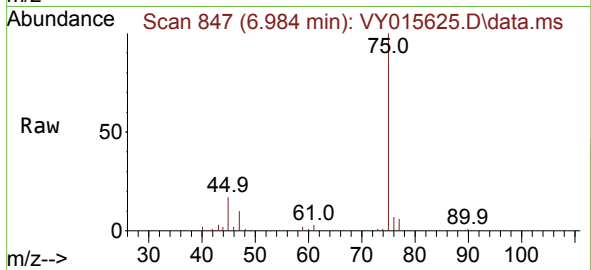




#25
2-Butanone
Concen: 1.798 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY015625.D
Acq: 18 Sep 2023 19:20

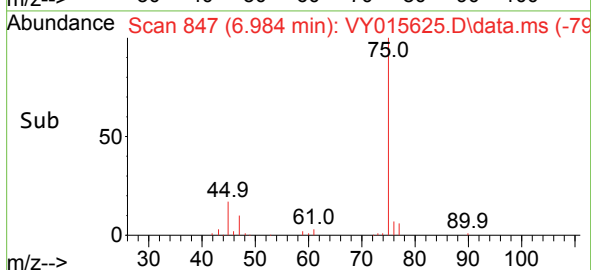
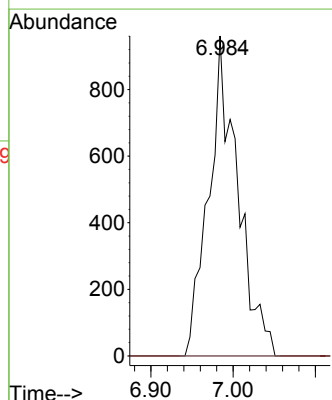
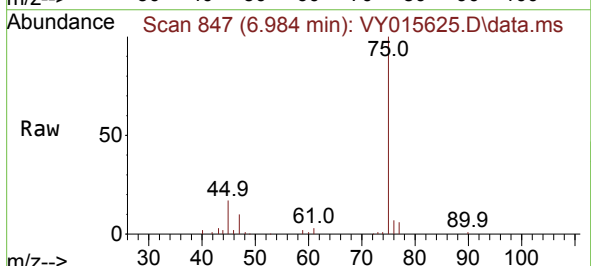
Instrument :
MSVOA_Y
ClientSampleId :

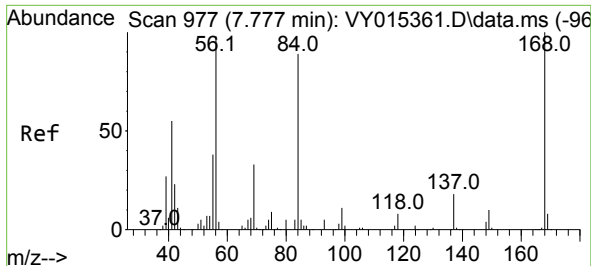
Tgt Ion: 43 Resp: 1520
Ion Ratio Lower Upper
43 100
72 12.5 20.5 30.7#



#26
2,2-Dichloropropane
Concen: 1.042 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.012 min
Lab File: VY015625.D
Acq: 18 Sep 2023 19:20

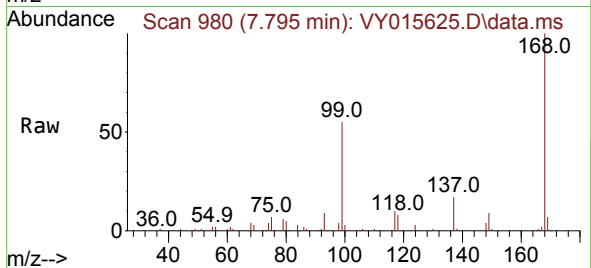
Tgt Ion: 77 Resp: 2360
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



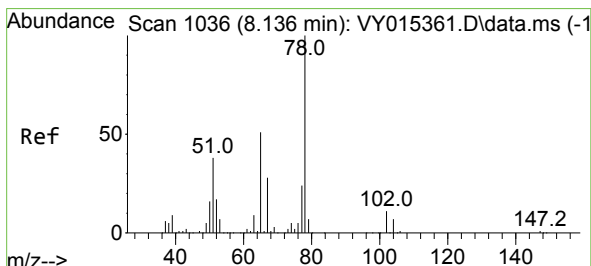
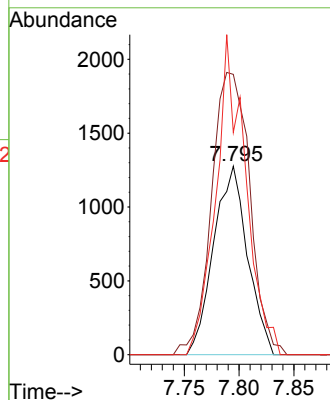
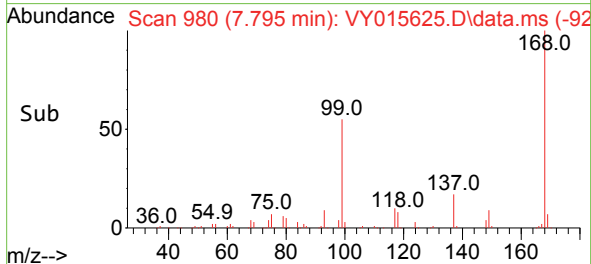


#31
Cyclohexane
Concen: 1.082 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015625.D
Acq: 18 Sep 2023 19:20

Instrument :
MSVOA_Y
ClientSampleId :

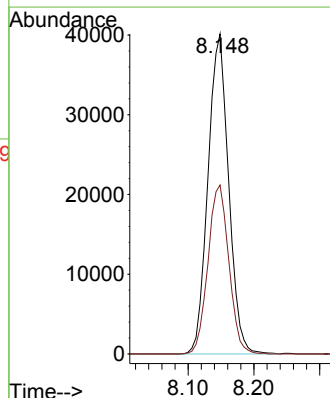
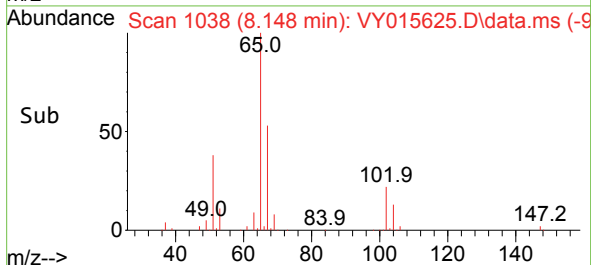
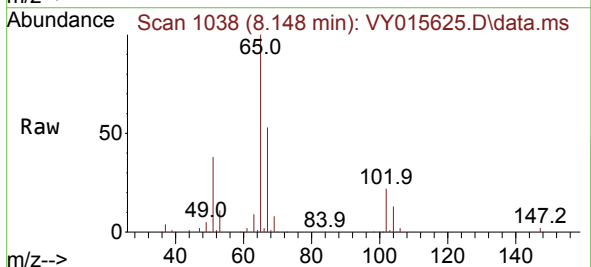


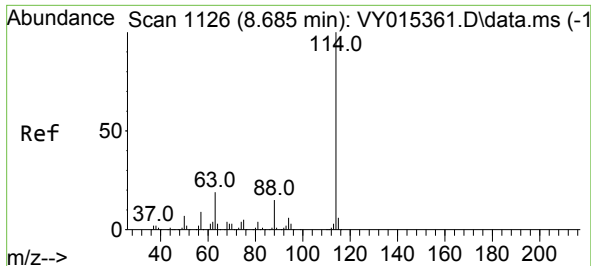
Tgt Ion: 56 Resp: 2746
Ion Ratio Lower Upper
56 100
69 144.0 27.8 41.6#
84 122.2 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 61.300 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. 0.012 min
Lab File: VY015625.D
Acq: 18 Sep 2023 19:20

Tgt Ion: 65 Resp: 87554
Ion Ratio Lower Upper
65 100
67 53.5 0.0 101.8

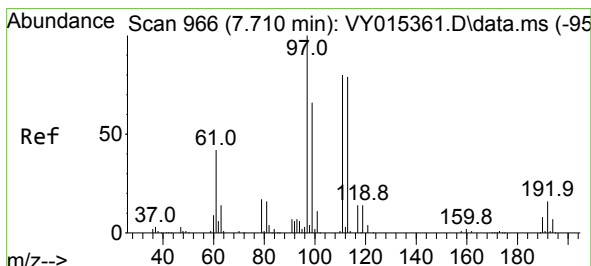
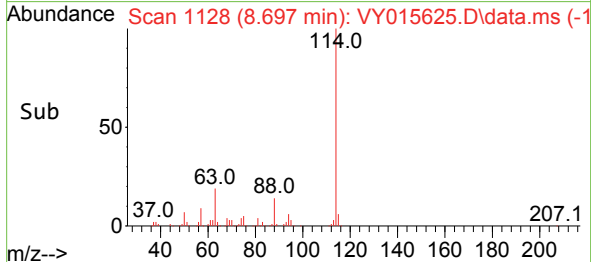
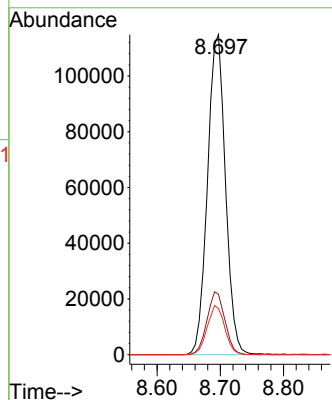
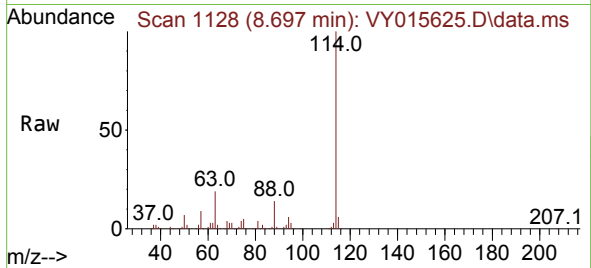




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1126
Delta R.T. 0.012 min
Lab File: VY015625.D
Acq: 18 Sep 2023 19:20

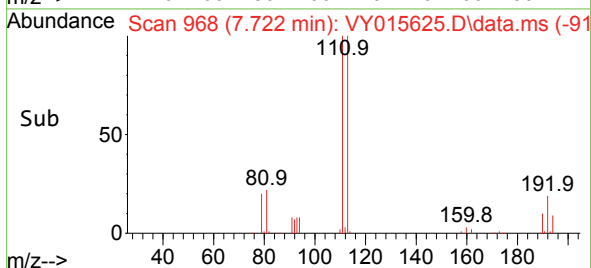
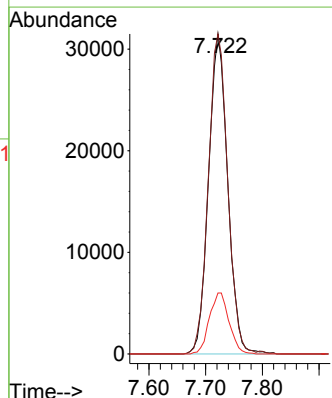
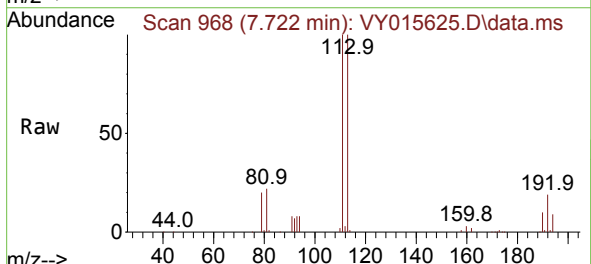
Instrument :
MSVOA_Y
ClientSampleId :

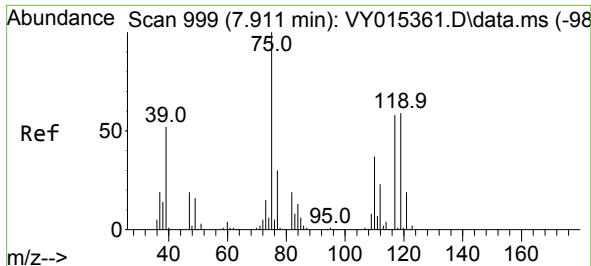
Tgt Ion:114 Resp: 226998
Ion Ratio Lower Upper
114 100
63 18.9 0.0 42.4
88 14.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 56.461 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY015625.D
Acq: 18 Sep 2023 19:20

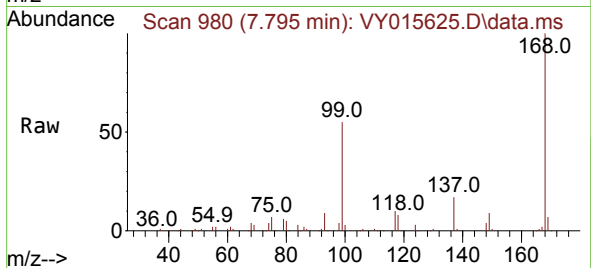
Tgt Ion:113 Resp: 73820
Ion Ratio Lower Upper
113 100
111 101.2 81.3 121.9
192 19.6 16.9 25.3



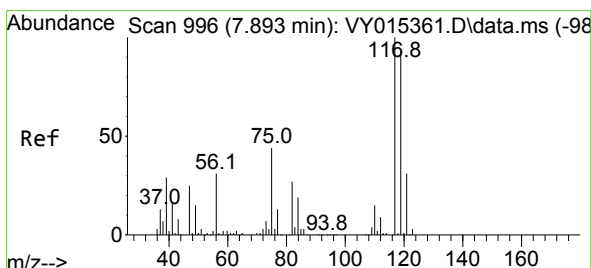
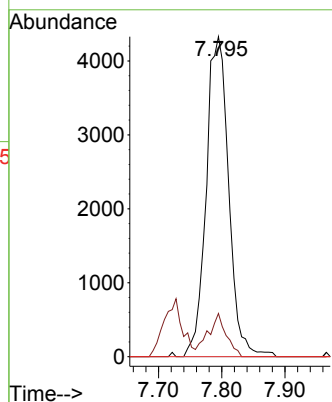
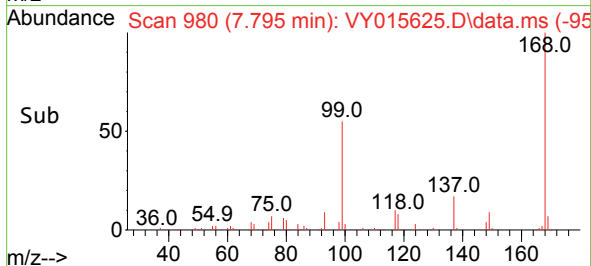


#36
 1,1-Dichloropropene
 Concen: 4.667 ug/l
 RT: 7.795 min Scan# 91
 Delta R.T. -0.116 min
 Lab File: VY015625.D
 Acq: 18 Sep 2023 19:20

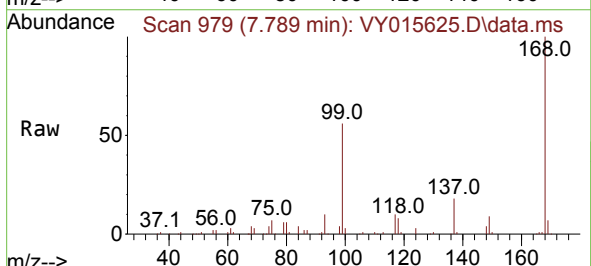
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 ClientSampleId :



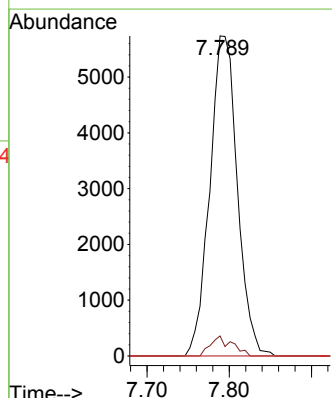
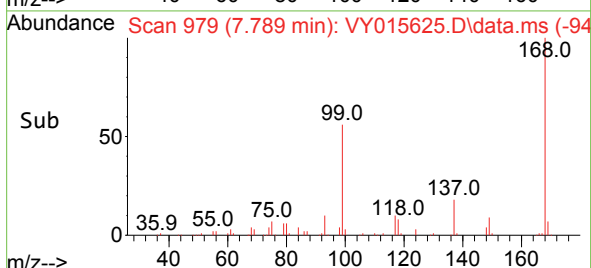
Tgt Ion: 75 Resp: 10714
 Ion Ratio Lower Upper
 75 100
 110 10.9 17.8 53.5#
 77 0.0 24.4 36.6#

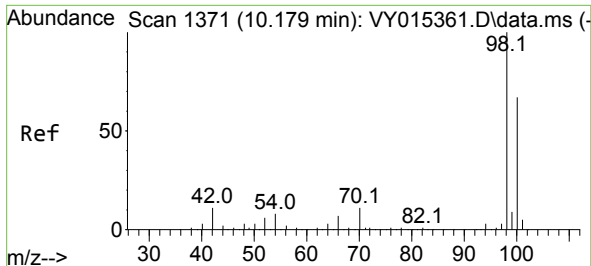


#38
 Carbon Tetrachloride
 Concen: 5.639 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.104 min
 Lab File: VY015625.D
 Acq: 18 Sep 2023 19:20



Tgt Ion: 117 Resp: 13370
 Ion Ratio Lower Upper
 117 100
 119 6.3 76.4 114.6#
 121 0.0 25.8 38.6#

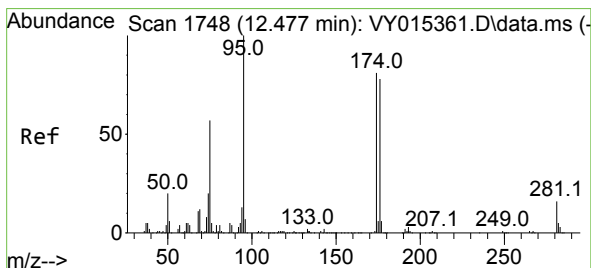
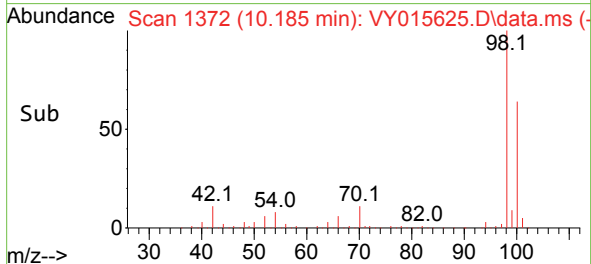
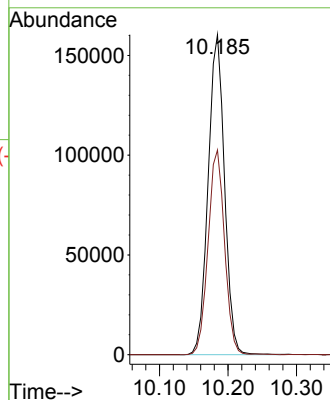
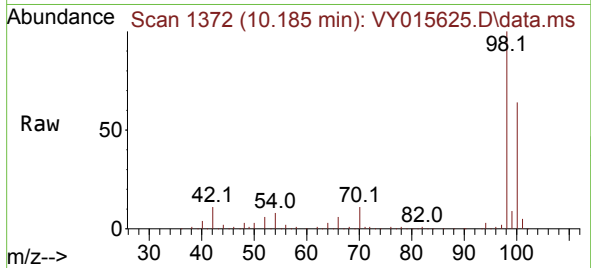




#50
Toluene-d8
Concen: 56.310 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015625.D
Acq: 18 Sep 2023 19:20

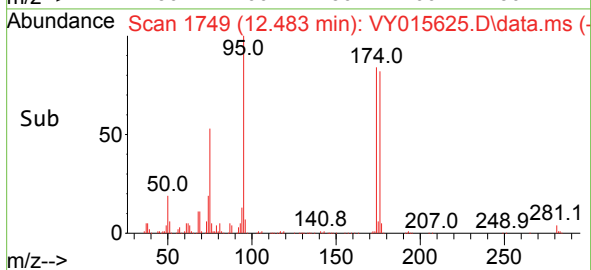
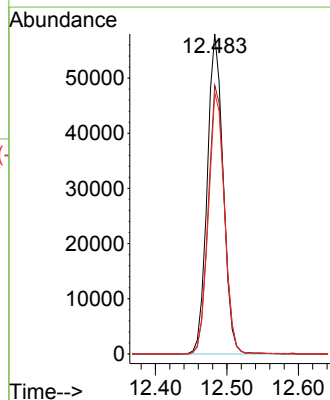
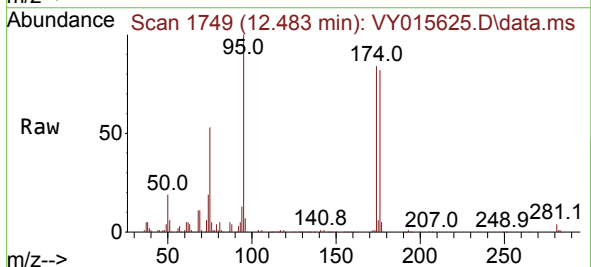
Instrument :
MSVOA_Y
ClientSampleId :

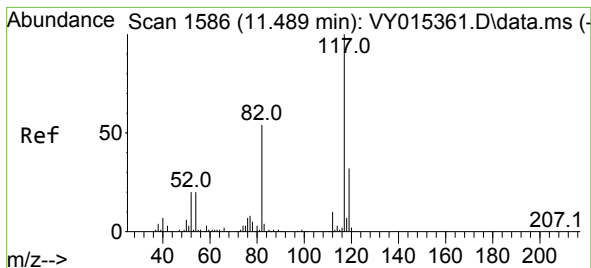
Tgt Ion: 98 Resp: 266618
Ion Ratio Lower Upper
98 100
100 64.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 50.992 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015625.D
Acq: 18 Sep 2023 19:20

Tgt Ion: 95 Resp: 89631
Ion Ratio Lower Upper
95 100
174 85.3 0.0 178.2
176 82.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. 0.006 min

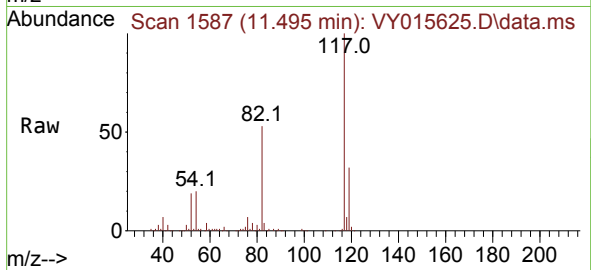
Lab File: VY015625.D

Acq: 18 Sep 2023 19:20

Instrument :

MSVOA_Y

ClientSampleId :



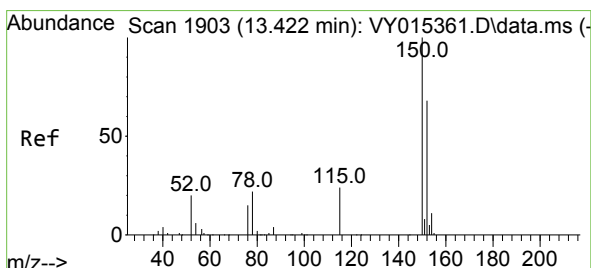
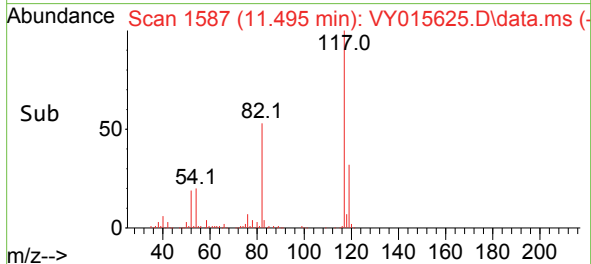
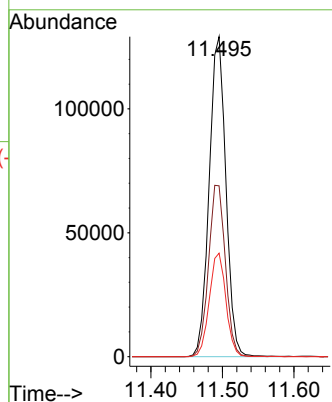
Tgt Ion:117 Resp: 209357

Ion Ratio Lower Upper

117 100

82 53.4 43.4 65.0

119 32.4 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015625.D

Acq: 18 Sep 2023 19:20

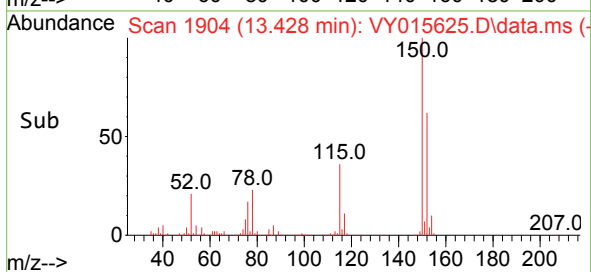
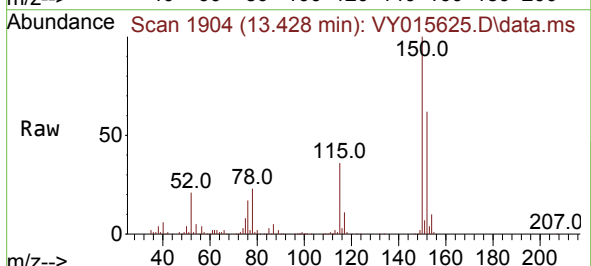
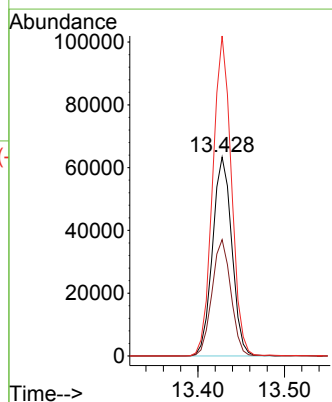
Tgt Ion:152 Resp: 97986

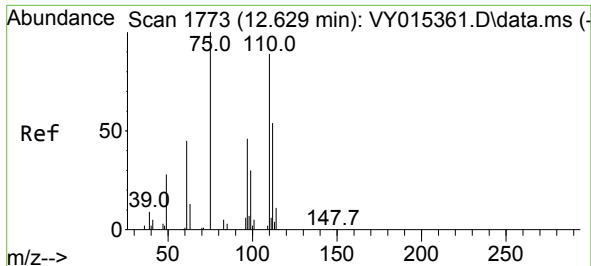
Ion Ratio Lower Upper

152 100

115 57.4 28.8 86.5

150 155.6 0.0 348.8

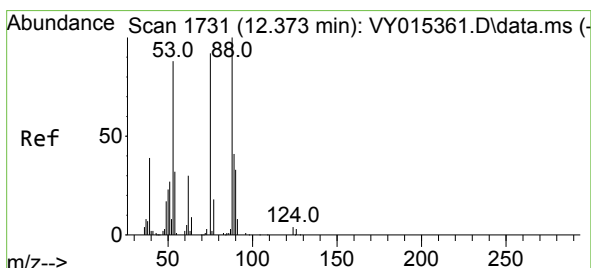
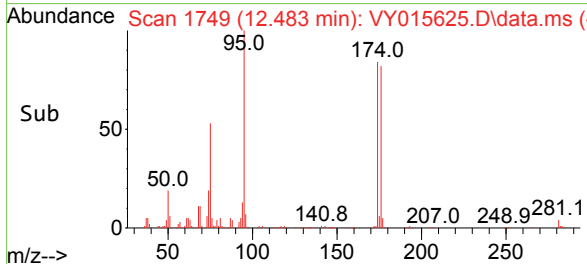
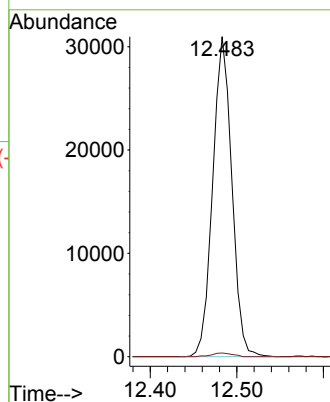
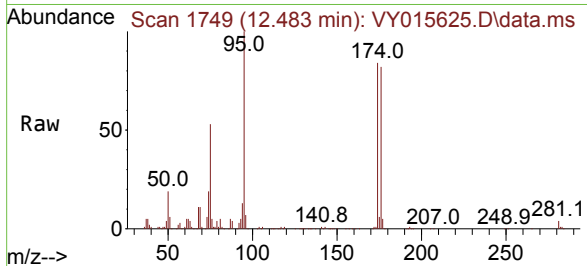




#76
1,2,3-Trichloropropane
Concen: 36.502 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY015625.D
Acq: 18 Sep 2023 19:20

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 47430
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.518 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY015625.D
Acq: 18 Sep 2023 19:20

Tgt Ion: 75 Resp: 47430
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

