

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091123\
 Data File : VY015493.D
 Acq On : 11 Sep 2023 17:39
 Operator : SY/MD
 Sample : 04370-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 12 01:20:34 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)

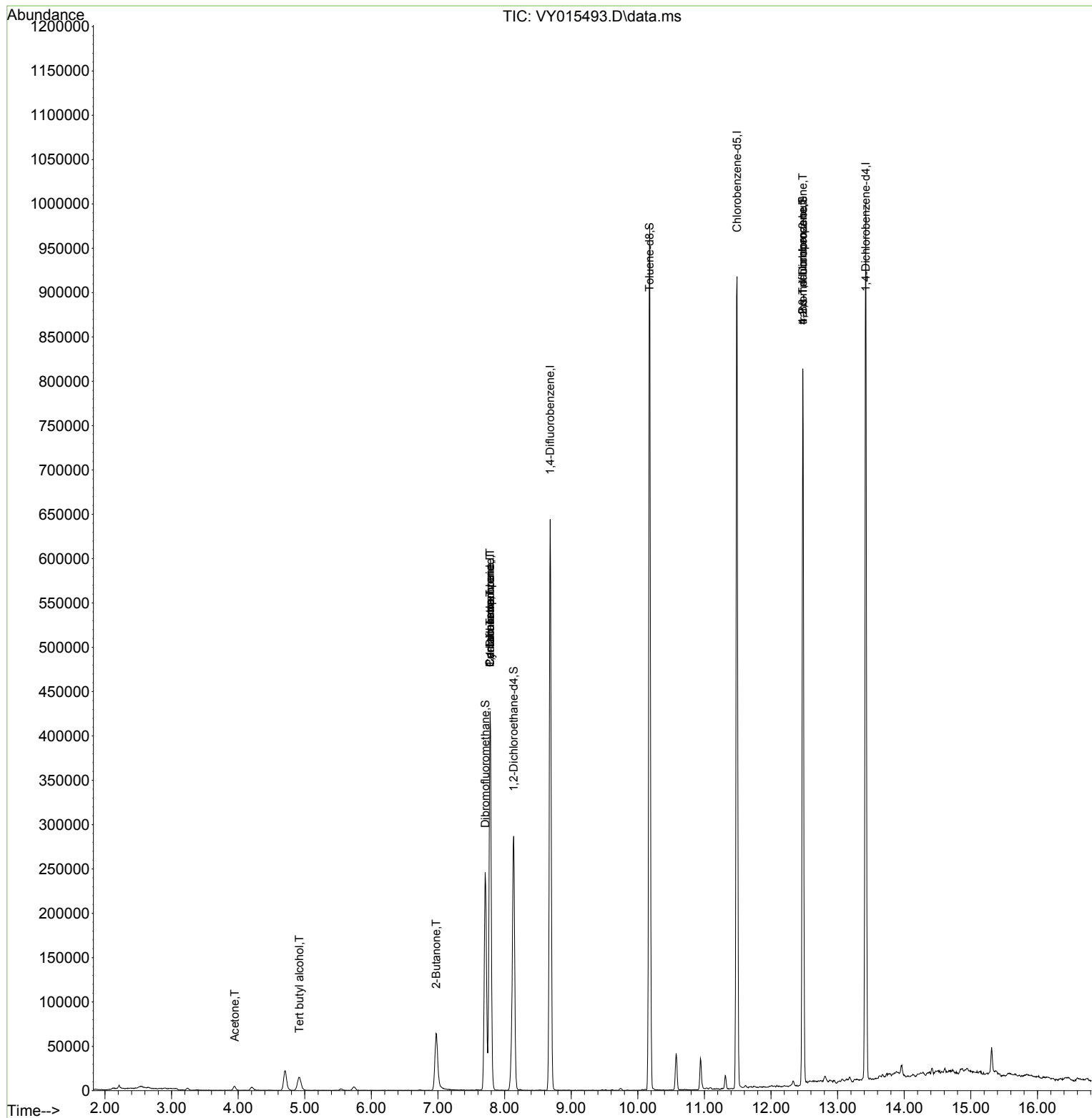
Internal Standards						
1) Pentafluorobenzene	7.783	168	334760	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	549952	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	502913	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	250806	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	211239	58.864	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.720%			
35) Dibromofluoromethane	7.710	113	172448	54.441	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.880%			
50) Toluene-d8	10.179	98	641907	55.959	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 111.920%			
62) 4-Bromofluorobenzene	12.477	95	232350	54.562	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 109.120%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.917	59	15258	2.774	ug/l #	94
16) Acetone	3.948	43	7915	5.284	ug/l	94
20) Methylene Chloride	4.710	84	17019	Below Cal		89
25) 2-Butanone	6.972	43	3648	1.717	ug/l #	86
31) Cyclohexane	7.783	56	6707	1.052	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	25573	4.598	ug/l #	50
38) Carbon Tetrachloride	7.783	117	33191	5.778	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	123903	37.253	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	123903	82.177	ug/l #	11

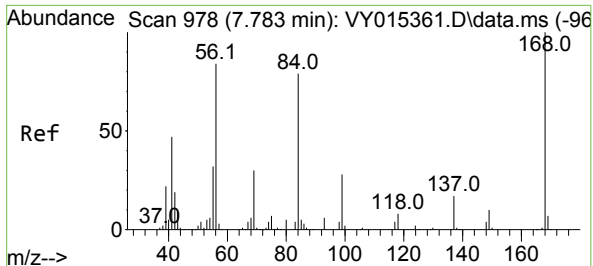
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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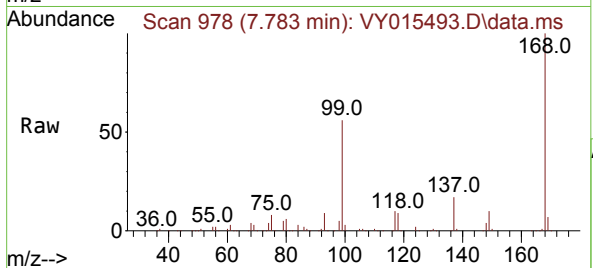
Quant Time: Sep 12 01:20:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
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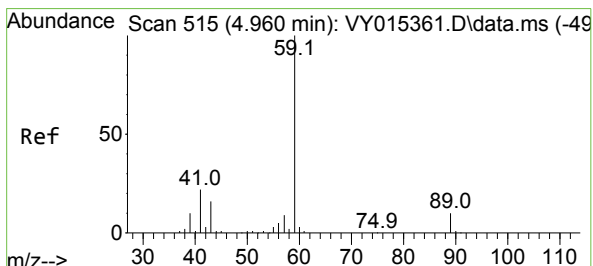
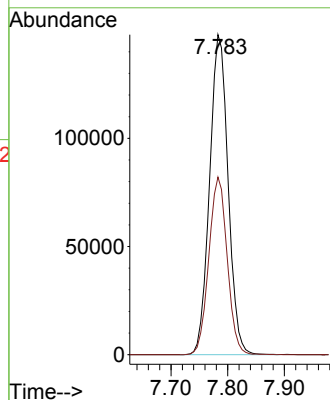
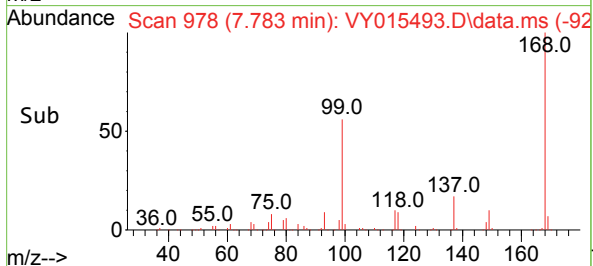


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015493.D
Acq: 11 Sep 2023 17:39

Instrument :
MSVOA_Y
ClientSampleId :

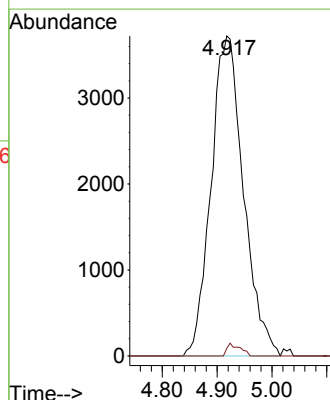
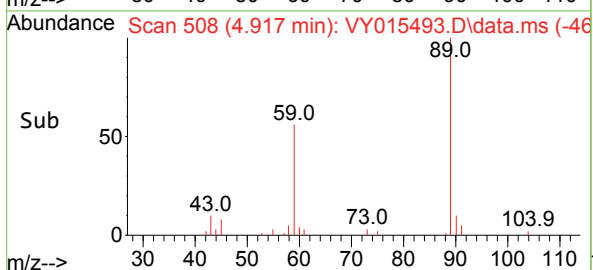
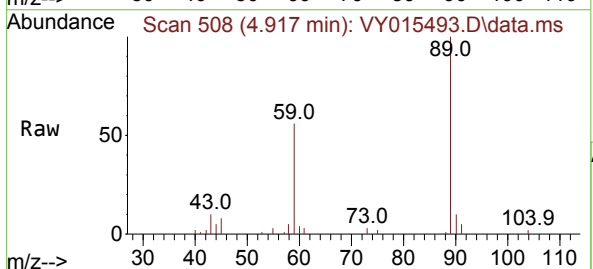


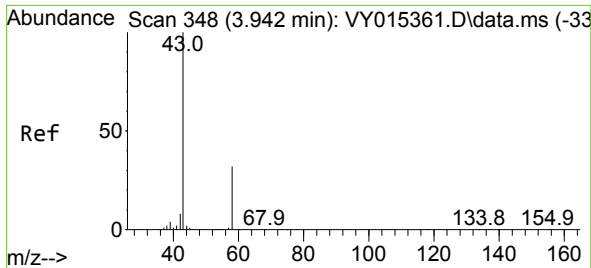
Tgt Ion:168 Resp: 334760
Ion Ratio Lower Upper
168 100
99 55.5 43.4 65.0



#11
Tert butyl alcohol
Concen: 2.774 ug/l
RT: 4.917 min Scan# 508
Delta R.T. -0.037 min
Lab File: VY015493.D
Acq: 11 Sep 2023 17:39

Tgt Ion: 59 Resp: 15258
Ion Ratio Lower Upper
59 100
57 1.6 3.0 4.4#

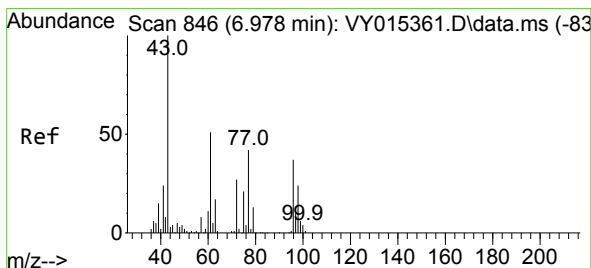
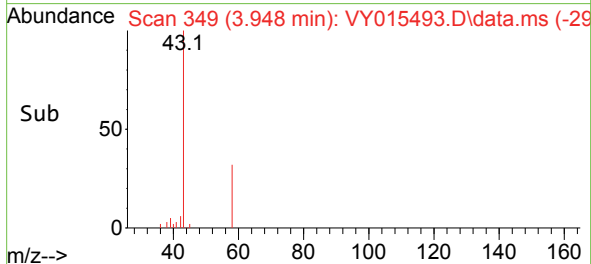
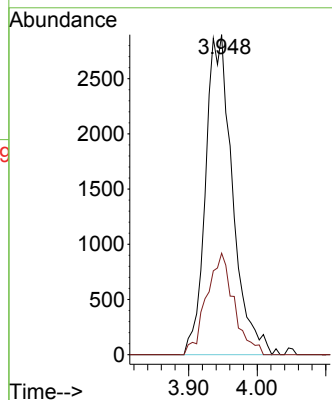
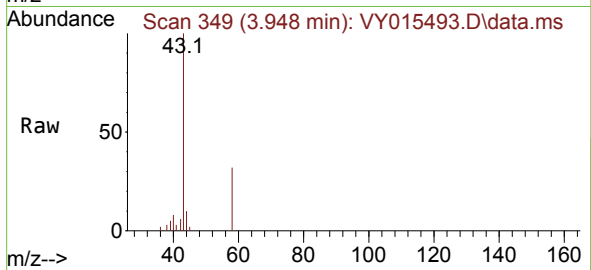




#16
Acetone
Concen: 5.284 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY015493.D
Acq: 11 Sep 2023 17:39

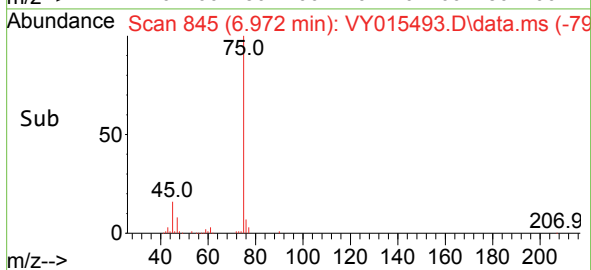
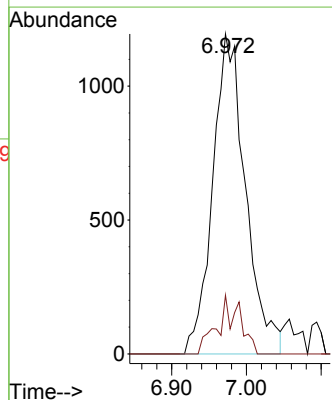
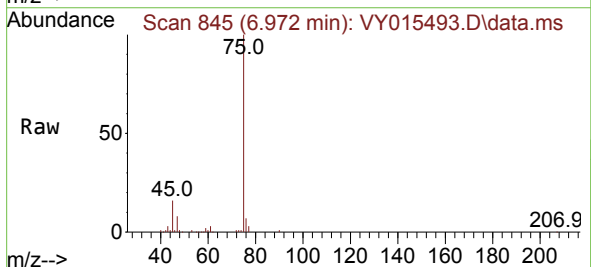
Instrument :
MSVOA_Y
ClientSampleId :

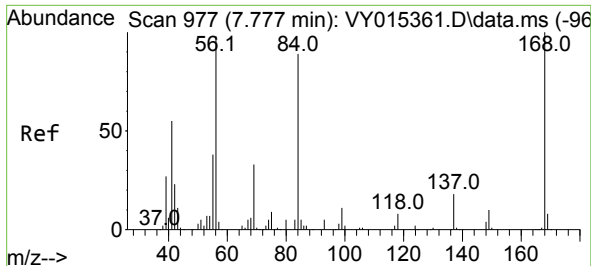
Tgt Ion: 43 Resp: 7915
Ion Ratio Lower Upper
43 100
58 31.7 22.7 34.1



#25
2-Butanone
Concen: 1.717 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY015493.D
Acq: 11 Sep 2023 17:39

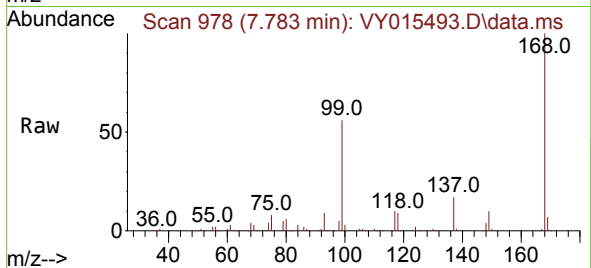
Tgt Ion: 43 Resp: 3648
Ion Ratio Lower Upper
43 100
72 18.3 20.5 30.7#



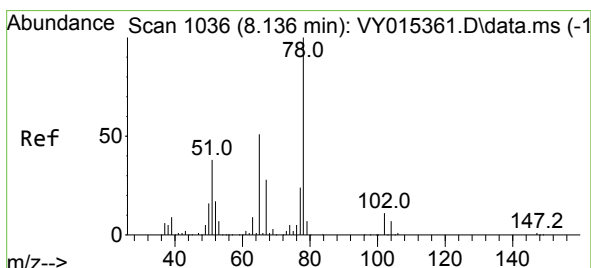
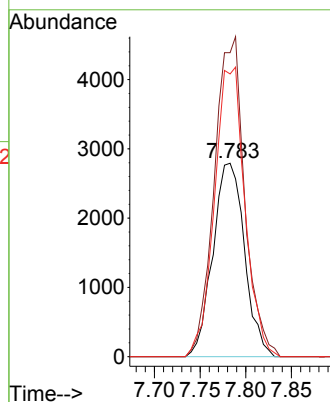
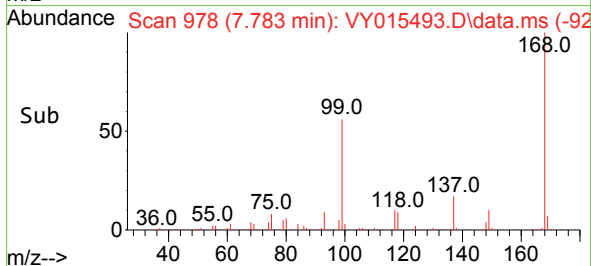


#31
Cyclohexane
Concen: 1.052 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015493.D
Acq: 11 Sep 2023 17:39

Instrument :
MSVOA_Y
ClientSampleId :

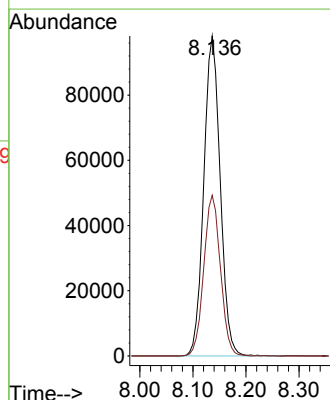
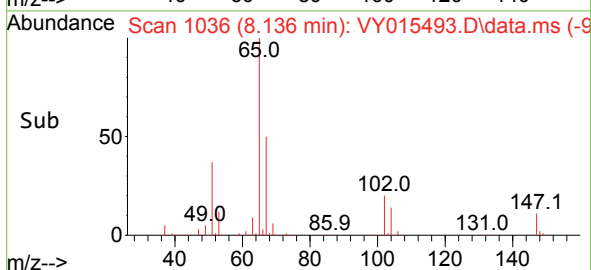
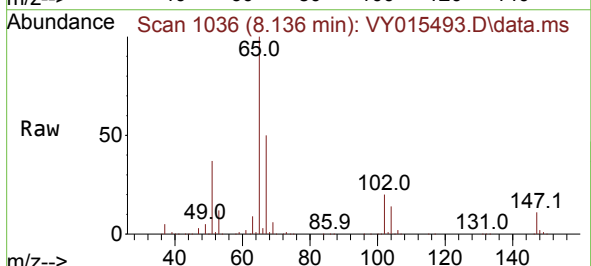


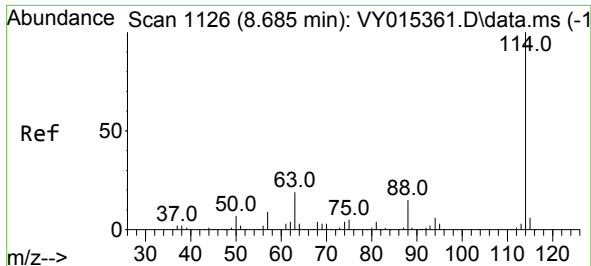
Tgt Ion: 56 Resp: 6707
Ion Ratio Lower Upper
56 100
69 157.1 27.8 41.6#
84 146.1 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 58.864 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY015493.D
Acq: 11 Sep 2023 17:39

Tgt Ion: 65 Resp: 211239
Ion Ratio Lower Upper
65 100
67 50.8 0.0 101.8

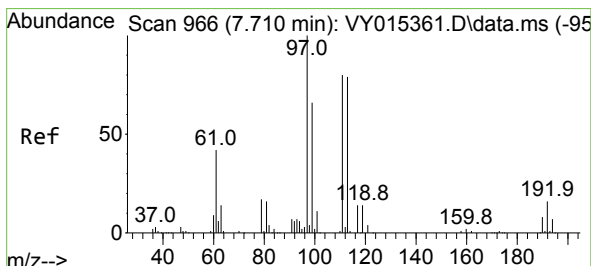
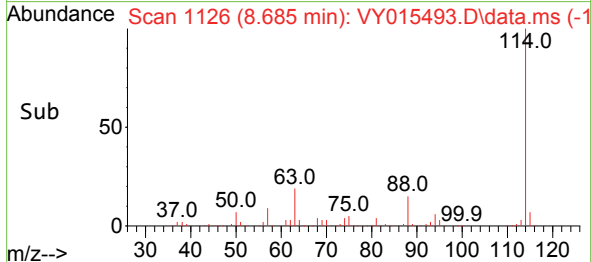
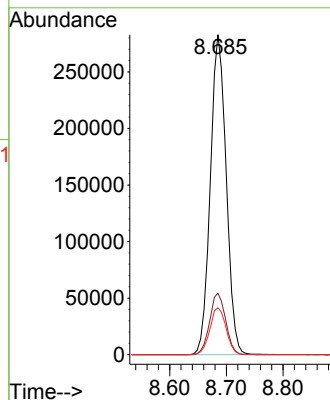
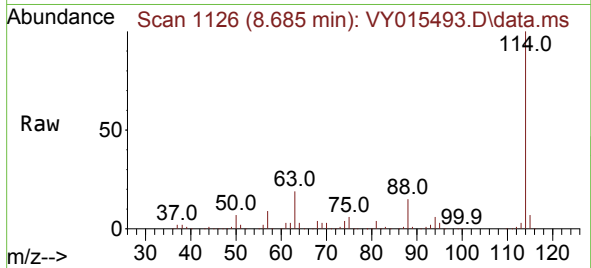




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY015493.D
Acq: 11 Sep 2023 17:39

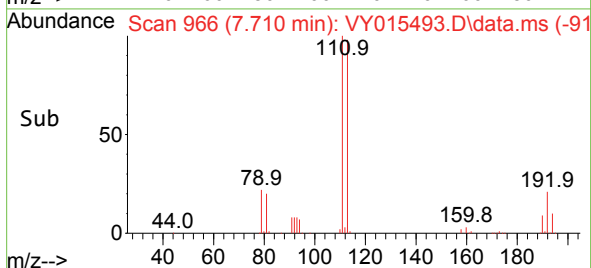
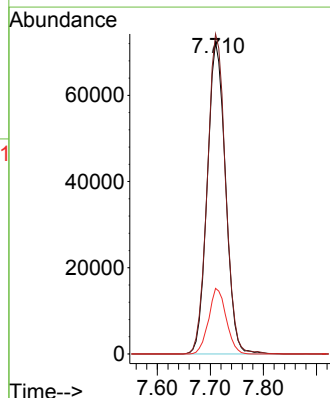
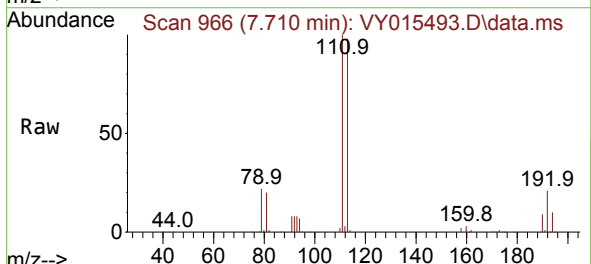
Instrument :
MSVOA_Y
ClientSampleId :

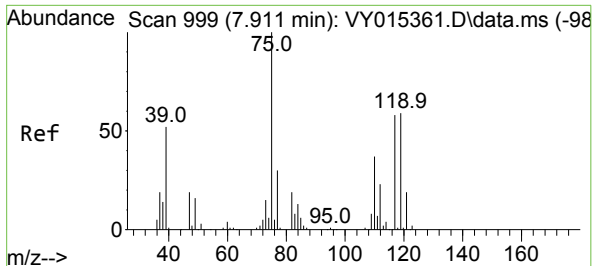
Tgt Ion:114 Resp: 549952
Ion Ratio Lower Upper
114 100
63 19.2 0.0 42.4
88 14.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.441 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY015493.D
Acq: 11 Sep 2023 17:39

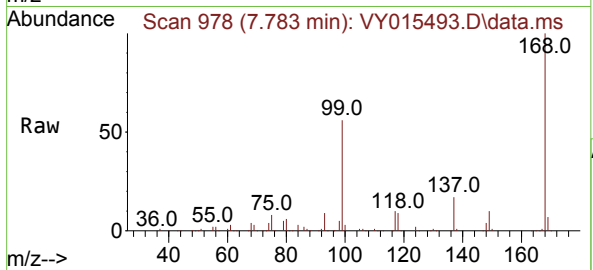
Tgt Ion:113 Resp: 172448
Ion Ratio Lower Upper
113 100
111 103.1 81.3 121.9
192 20.3 16.9 25.3



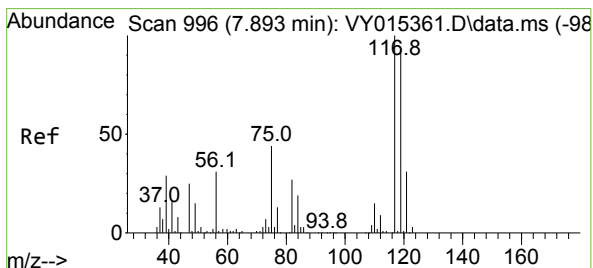
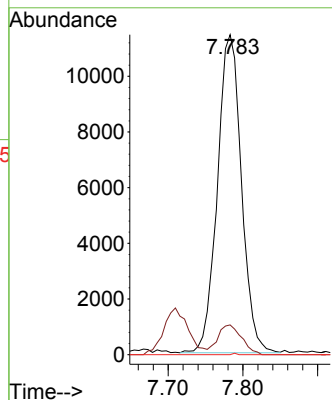
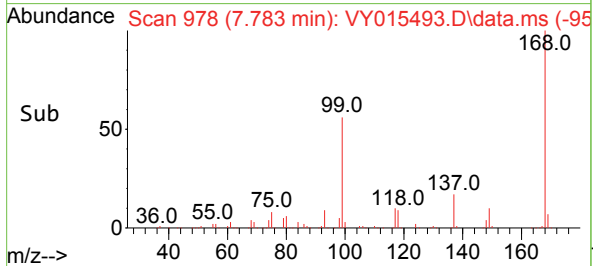


#36
1,1-Dichloropropene
Concen: 4.598 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY015493.D
Acq: 11 Sep 2023 17:39

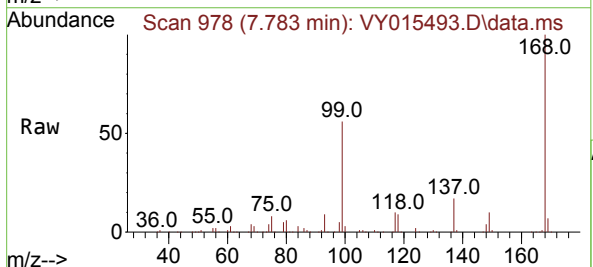
Instrument :
MSVOA_Y
ClientSampleId :



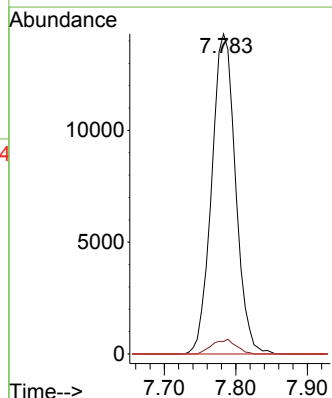
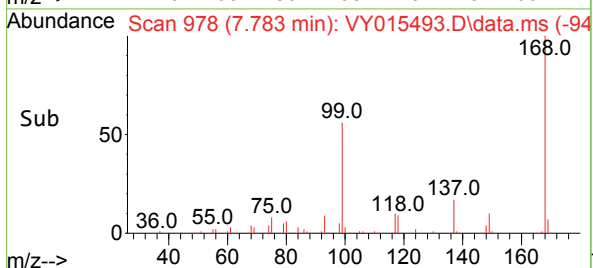
Tgt Ion: 75 Resp: 25573
Ion Ratio Lower Upper
75 100
110 9.3 17.8 53.5#
77 0.1 24.4 36.6#

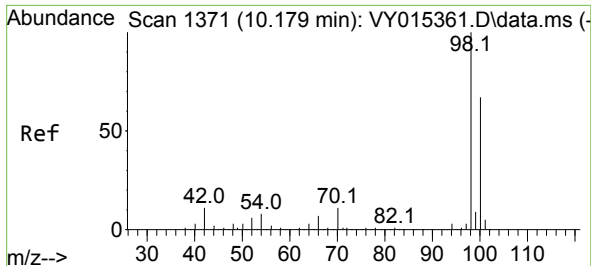


#38
Carbon Tetrachloride
Concen: 5.778 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY015493.D
Acq: 11 Sep 2023 17:39



Tgt Ion: 117 Resp: 33191
Ion Ratio Lower Upper
117 100
119 3.9 76.4 114.6#
121 0.0 25.8 38.6#

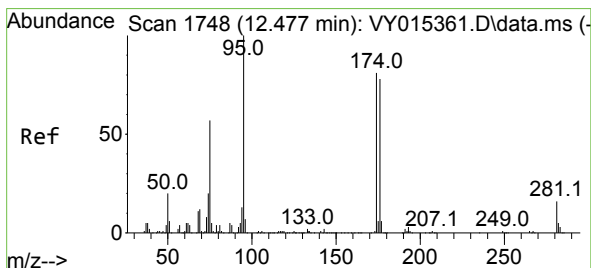
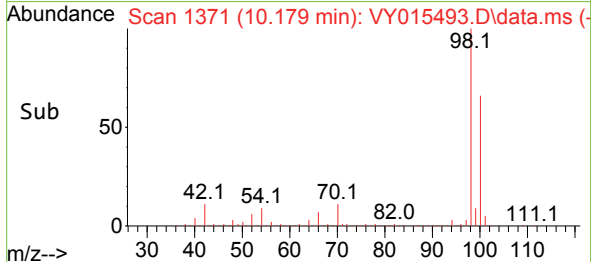
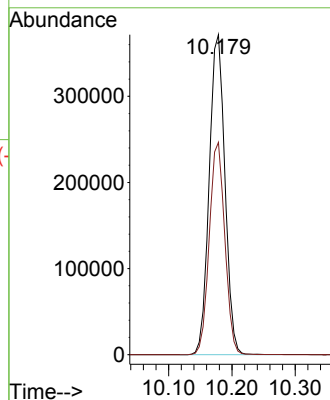
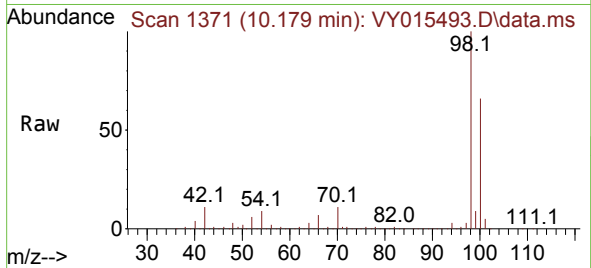




#50
Toluene-d8
Concen: 55.959 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015493.D
Acq: 11 Sep 2023 17:39

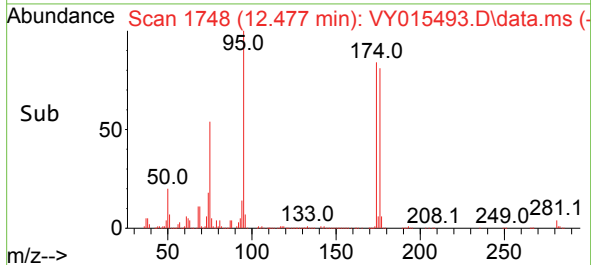
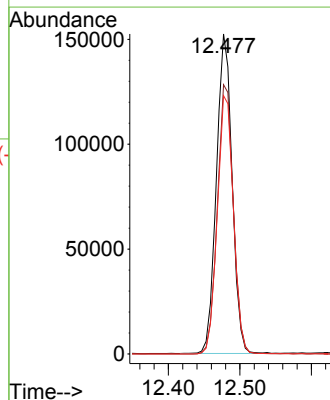
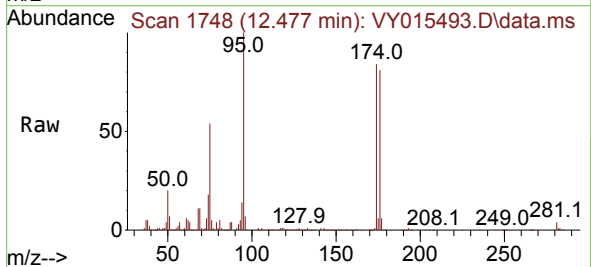
Instrument :
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ClientSampleId :

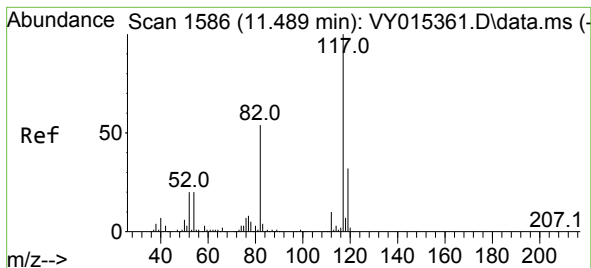
Tgt Ion: 98 Resp: 641907
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 54.562 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015493.D
Acq: 11 Sep 2023 17:39

Tgt Ion: 95 Resp: 232350
Ion Ratio Lower Upper
95 100
174 85.7 0.0 178.2
176 82.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

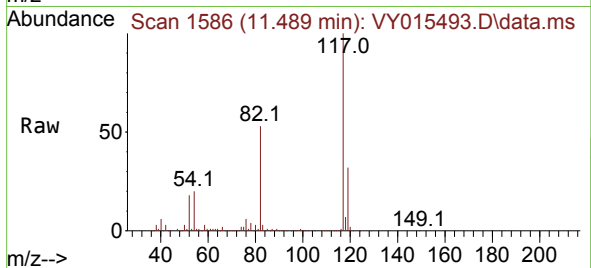
Lab File: VY015493.D

Acq: 11 Sep 2023 17:39

Instrument :

MSVOA_Y

ClientSampleId :



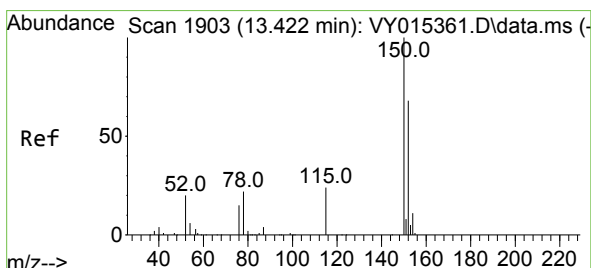
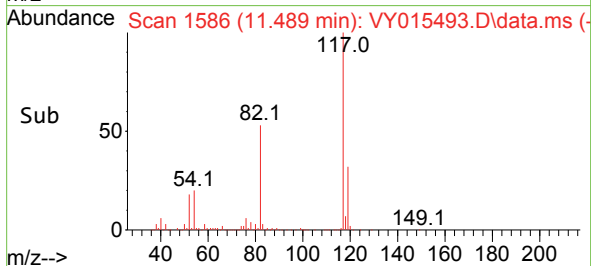
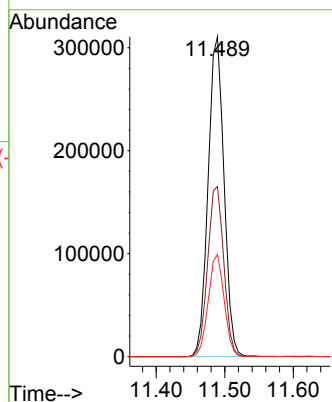
Tgt Ion:117 Resp: 502913

Ion Ratio Lower Upper

117 100

82 53.2 43.4 65.0

119 31.9 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY015493.D

Acq: 11 Sep 2023 17:39

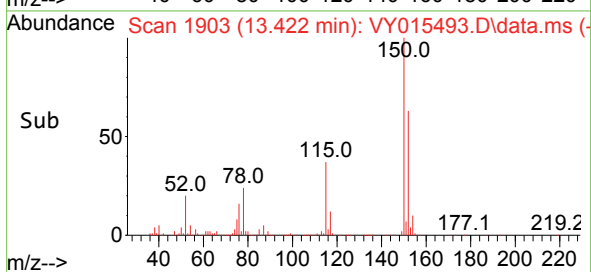
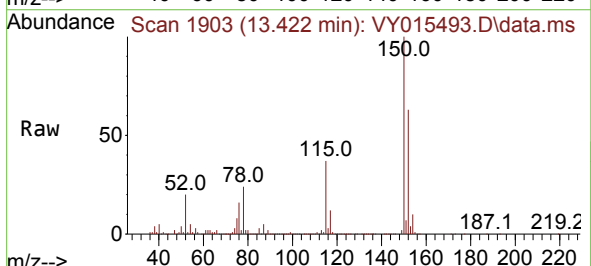
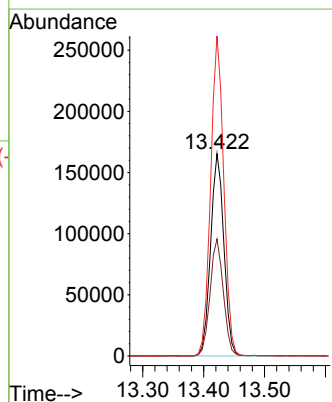
Tgt Ion:152 Resp: 250806

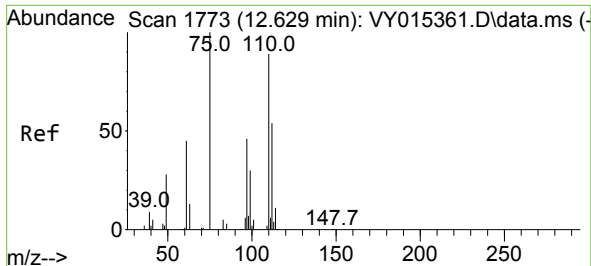
Ion Ratio Lower Upper

152 100

115 57.5 28.8 86.5

150 156.3 0.0 348.8

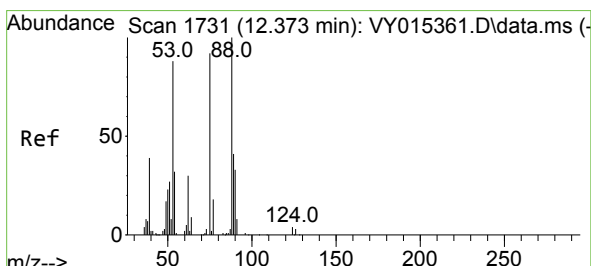
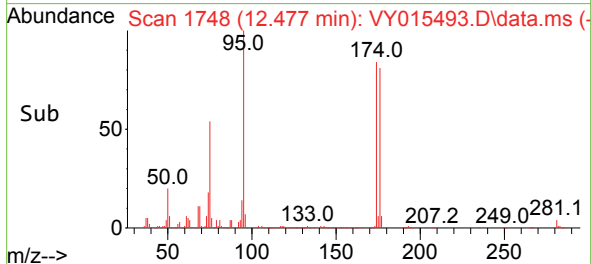
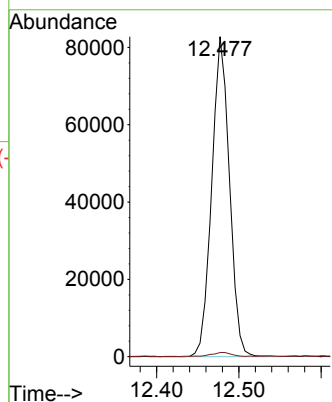
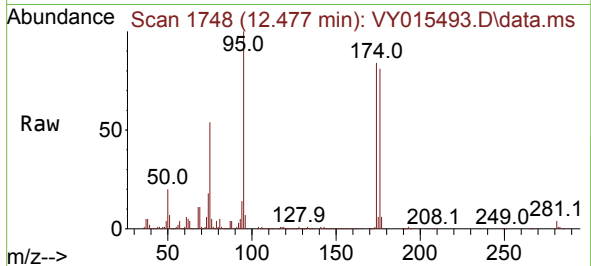




#76
1,2,3-Trichloropropane
Concen: 37.253 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY015493.D
Acq: 11 Sep 2023 17:39

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 123903
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.177 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY015493.D
Acq: 11 Sep 2023 17:39

Tgt Ion: 75 Resp: 123903
Ion Ratio Lower Upper
75 100
53 0.2 77.8 116.8#
89 0.1 37.4 56.0#

