

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015586.D
 Acq On : 15 Sep 2023 22:52
 Operator : SY/MD
 Sample : VY0915SBL02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 15 23:22:02 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)

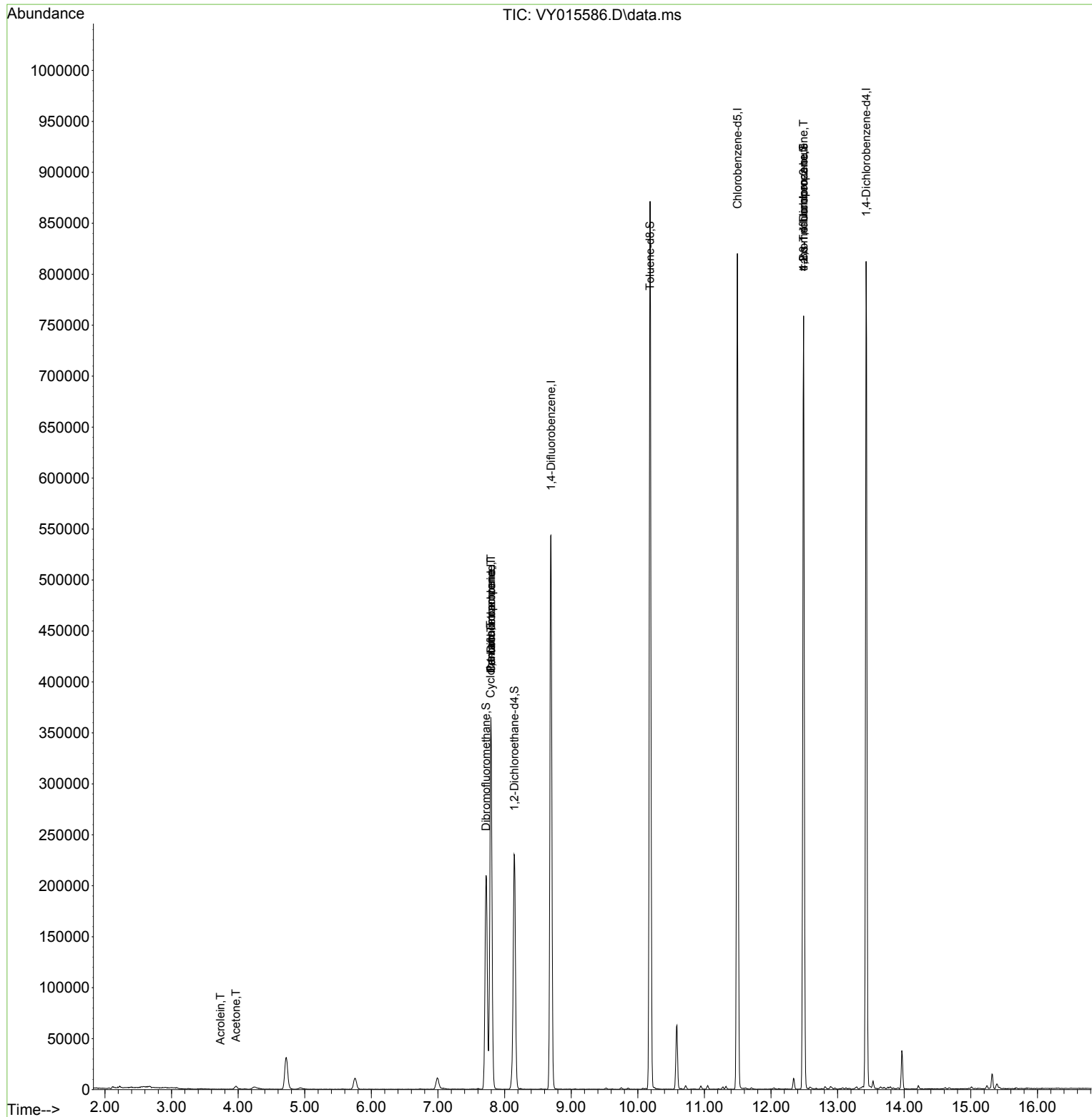
Internal Standards						
1) Pentafluorobenzene	7.795	168	280405	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	478525	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	441181	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	205299	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	177051	58.901	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.800%	
35) Dibromofluoromethane	7.722	113	152035	55.161	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.320%	
50) Toluene-d8	10.185	98	562964	56.402	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.800%	
62) 4-Bromofluorobenzene	12.489	95	194821	52.578	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.160%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	955	Below Cal	#	89
13) Acrolein	3.735	56	21	11.670	ug/l #	14
16) Acetone	3.966	43	5917	4.716	ug/l	98
31) Cyclohexane	7.789	56	6179	1.157	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	21869	4.519	ug/l #	50
38) Carbon Tetrachloride	7.795	117	27796	5.561	ug/l #	16
76) 1,2,3-Trichloropropane	12.489	75	105328	38.688	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	105328	85.342	ug/l #	11

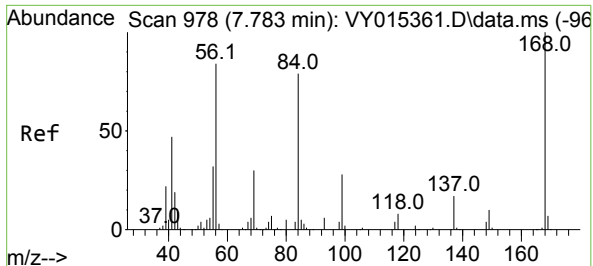
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

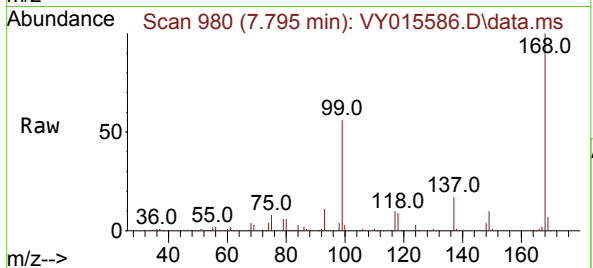
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration



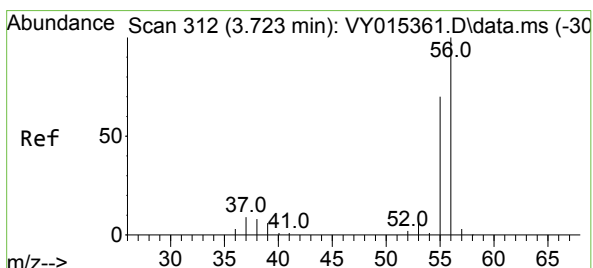
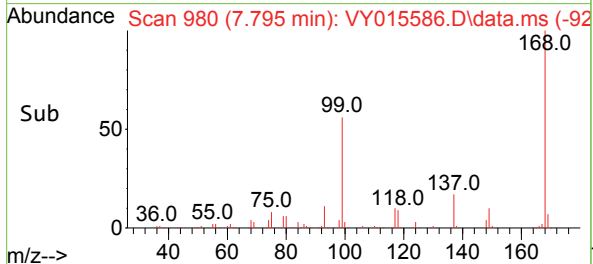
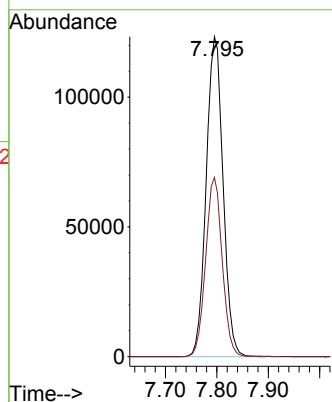


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015586.D
Acq: 15 Sep 2023 22:52

Instrument :
MSVOA_Y
ClientSampleId :

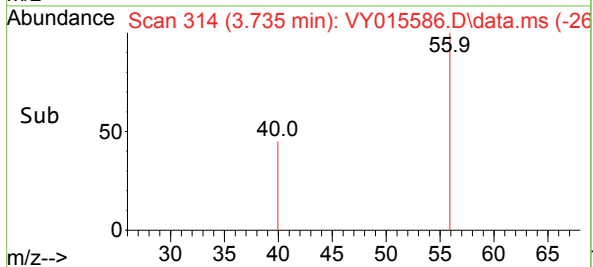
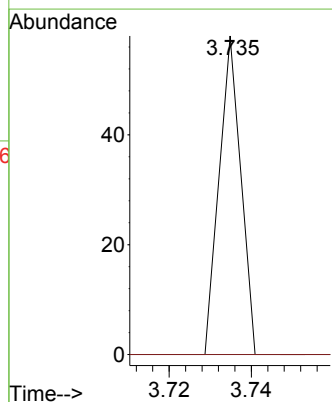
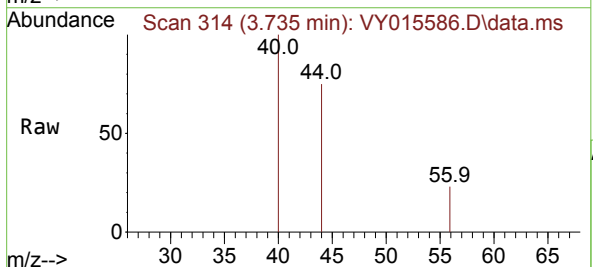


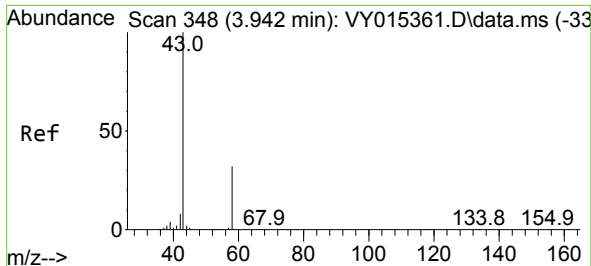
Tgt Ion:168 Resp: 280405
Ion Ratio Lower Upper
168 100
99 56.0 43.4 65.0



#13
Acrolein
Concen: 11.670 ug/l
RT: 3.735 min Scan# 314
Delta R.T. 0.012 min
Lab File: VY015586.D
Acq: 15 Sep 2023 22:52

Tgt Ion: 56 Resp: 21
Ion Ratio Lower Upper
56 100
55 0.0 57.0 85.4#





#16

Acetone

Concen: 4.716 ug/l

RT: 3.966 min Scan# 31

Delta R.T. 0.024 min

Lab File: VY015586.D

Acq: 15 Sep 2023 22:52

Instrument :

MSVOA_Y

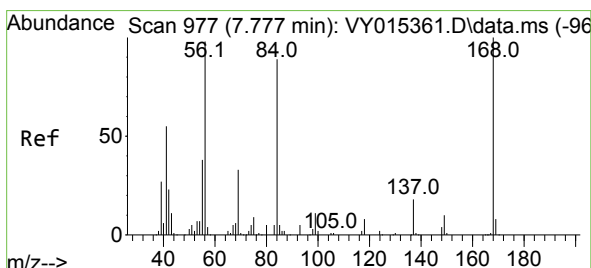
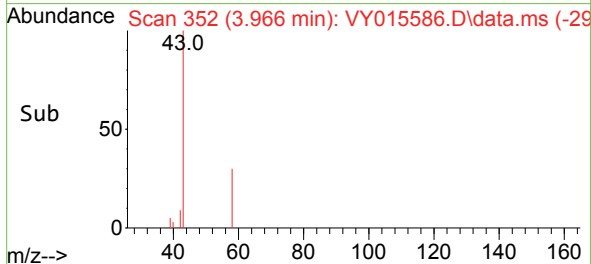
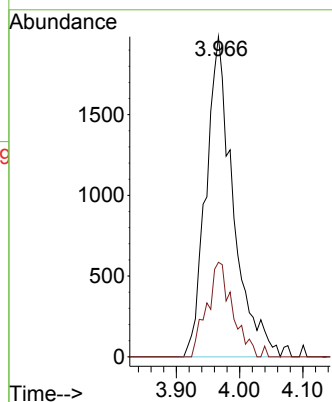
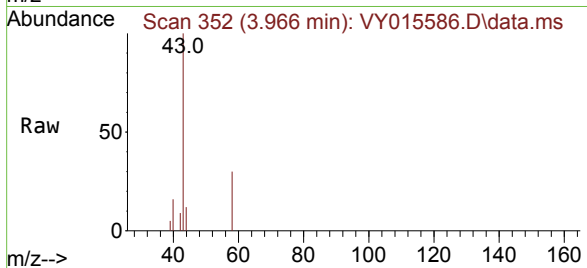
ClientSampleId :

Tgt Ion: 43 Resp: 5917

Ion Ratio Lower Upper

43 100

58 29.5 22.7 34.1



#31

Cyclohexane

Concen: 1.157 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY015586.D

Acq: 15 Sep 2023 22:52

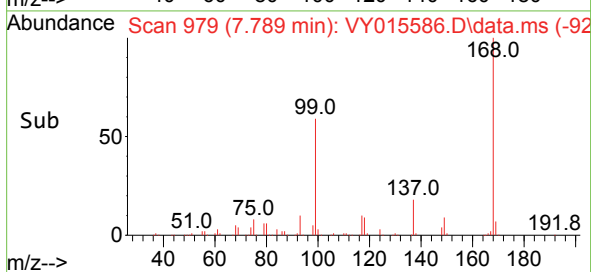
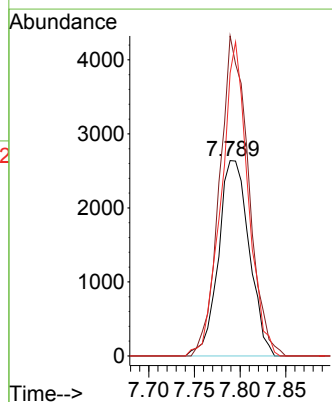
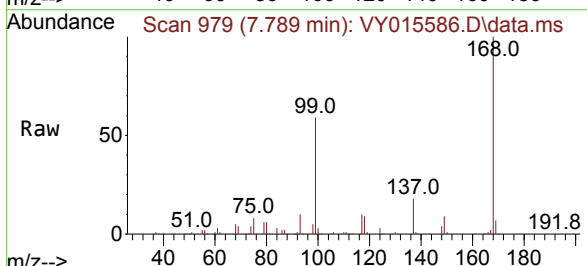
Tgt Ion: 56 Resp: 6179

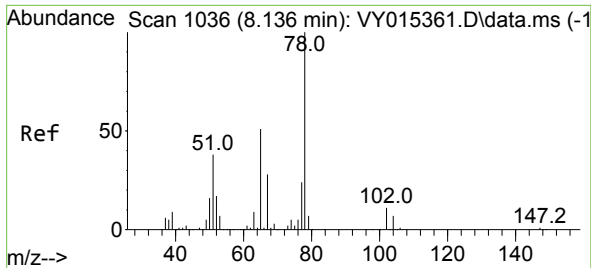
Ion Ratio Lower Upper

56 100

69 163.8 27.8 41.6#

84 144.8 66.4 99.6#

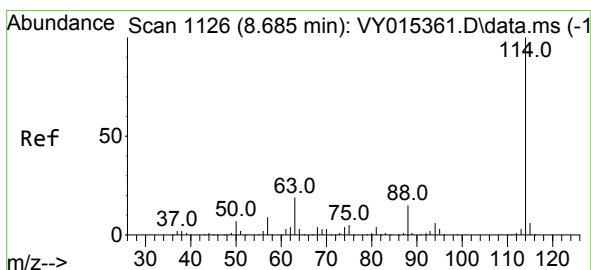
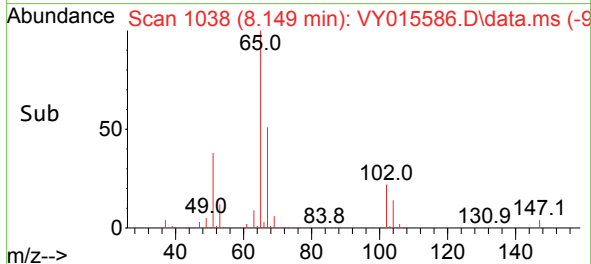
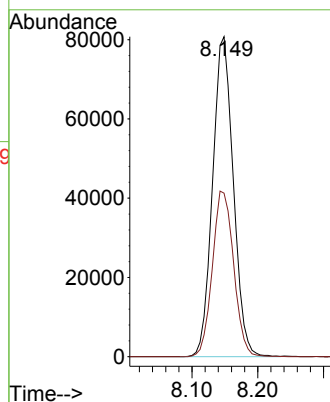
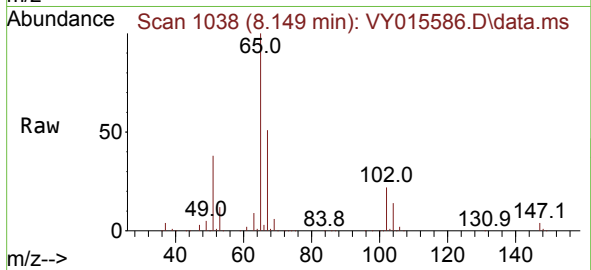




#33
 1,2-Dichloroethane-d4
 Concen: 58.901 ug/l
 RT: 8.149 min Scan# 110
 Delta R.T. 0.012 min
 Lab File: VY015586.D
 Acq: 15 Sep 2023 22:52

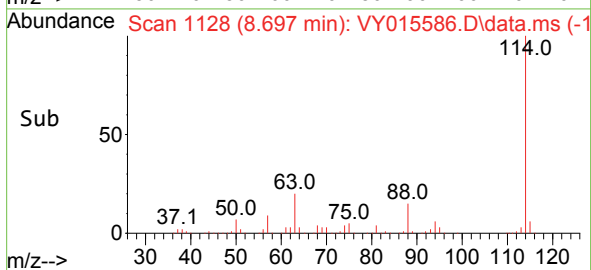
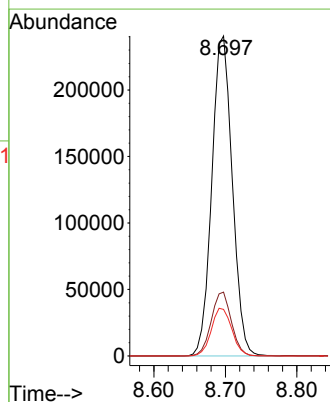
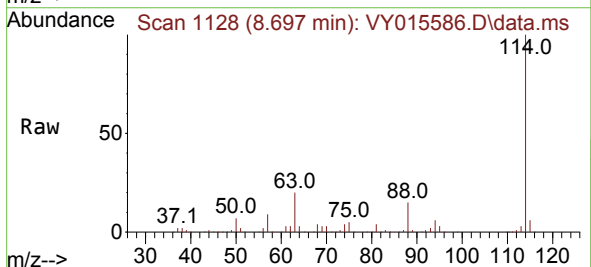
Instrument :
 MSVOA_Y
 ClientSampleId :

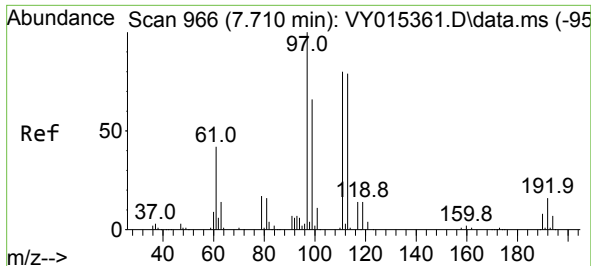
Tgt Ion: 65 Resp: 177051
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.012 min
 Lab File: VY015586.D
 Acq: 15 Sep 2023 22:52

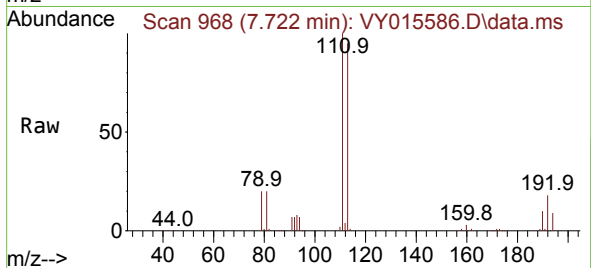
Tgt Ion: 114 Resp: 478525
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 42.4
 88 14.6 0.0 30.6



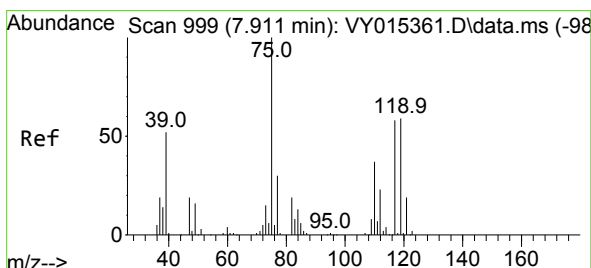
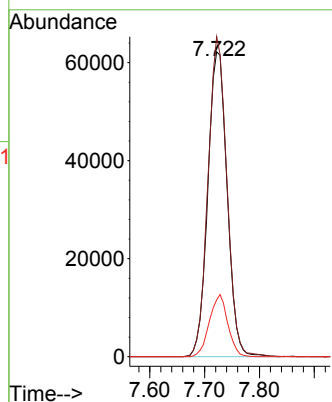
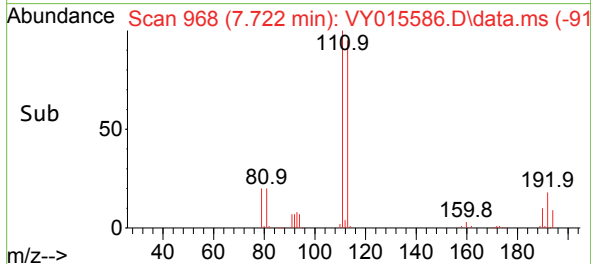


#35
Dibromofluoromethane
Concen: 55.161 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015586.D
Acq: 15 Sep 2023 22:52

Instrument :
MSVOA_Y
ClientSampleId :

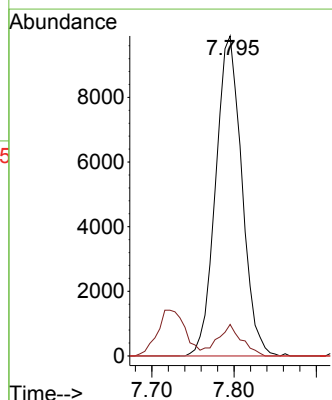
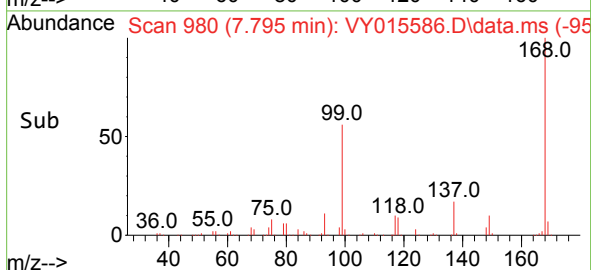
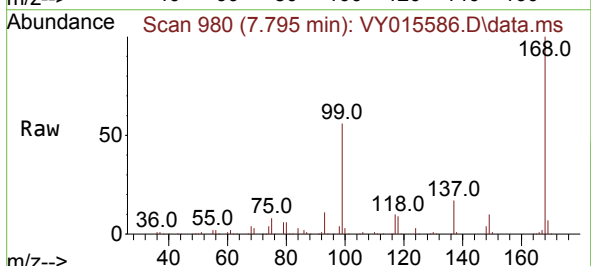


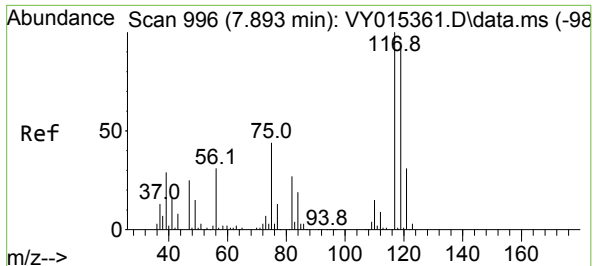
Tgt Ion:113 Resp: 152035
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 19.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.519 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY015586.D
Acq: 15 Sep 2023 22:52

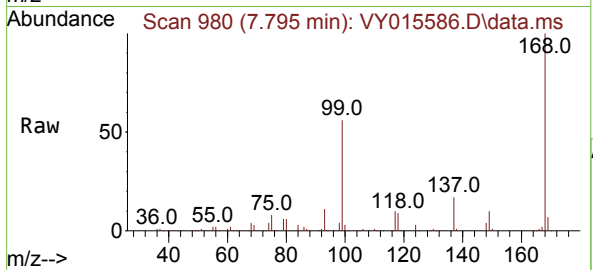
Tgt Ion: 75 Resp: 21869
Ion Ratio Lower Upper
75 100
110 9.1 17.8 53.5#
77 0.0 24.4 36.6#



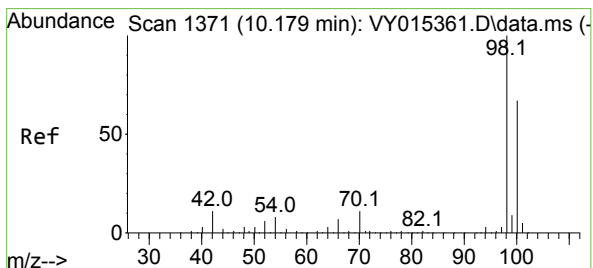
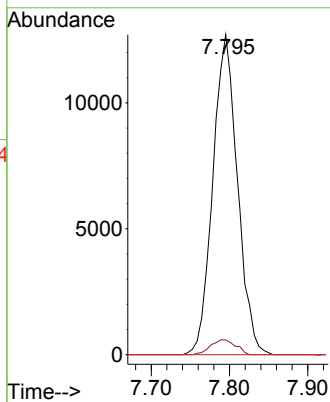
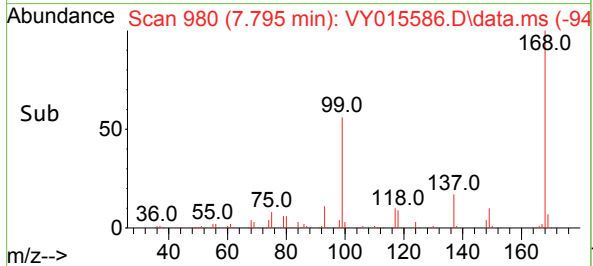


#38
Carbon Tetrachloride
Concen: 5.561 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.097 min
Lab File: VY015586.D
Acq: 15 Sep 2023 22:52

Instrument :
MSVOA_Y
ClientSampleId :

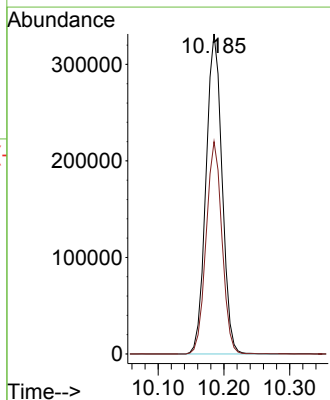
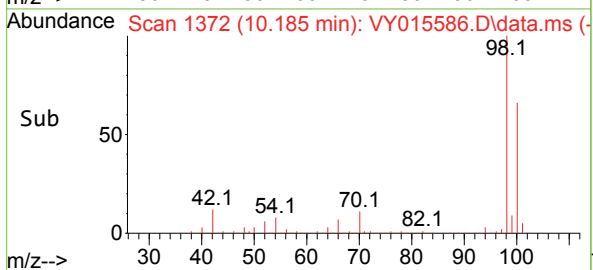
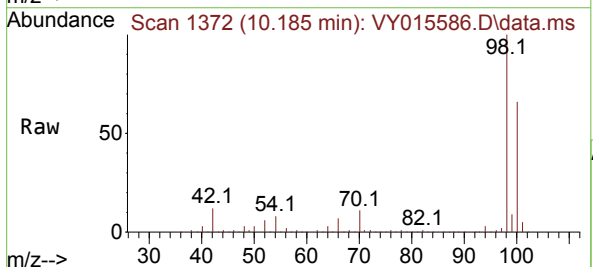


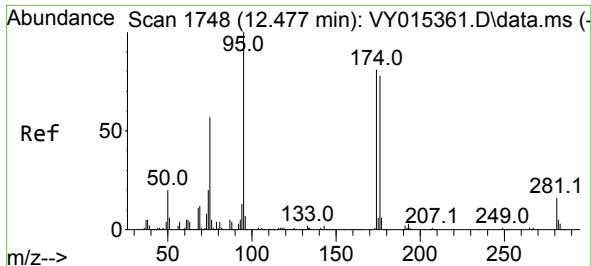
Tgt Ion:117 Resp: 27796
Ion Ratio Lower Upper
117 100
119 4.6 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 56.402 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY015586.D
Acq: 15 Sep 2023 22:52

Tgt Ion: 98 Resp: 562964
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1





#62

4-Bromofluorobenzene

Concen: 52.578 ug/l

RT: 12.489 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY015586.D

Acq: 15 Sep 2023 22:52

Instrument :

MSVOA_Y

ClientSampleId :

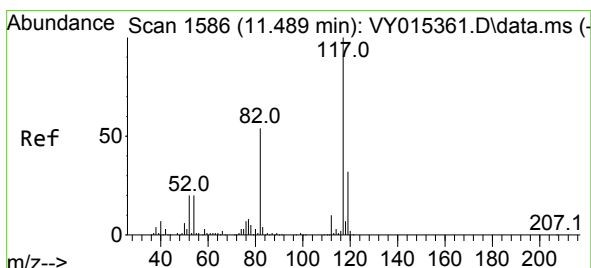
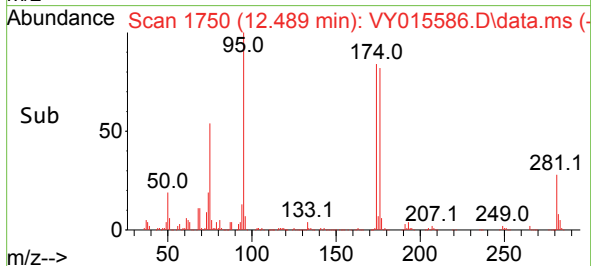
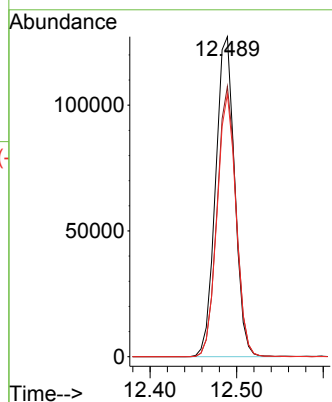
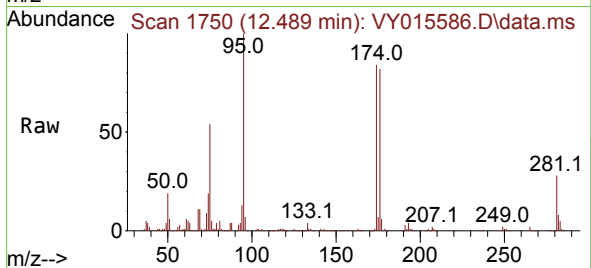
Tgt Ion: 95 Resp: 194821

Ion Ratio Lower Upper

95 100

174 83.8 0.0 178.2

176 81.6 0.0 173.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 1587

Delta R.T. 0.006 min

Lab File: VY015586.D

Acq: 15 Sep 2023 22:52

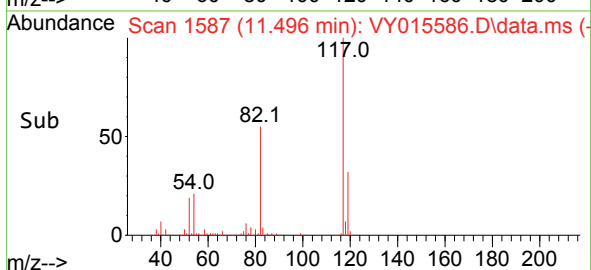
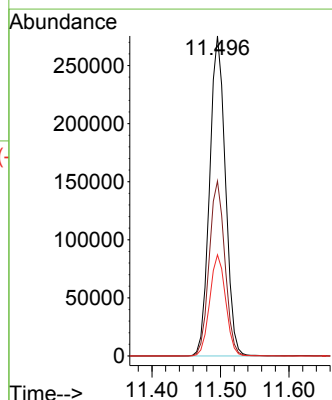
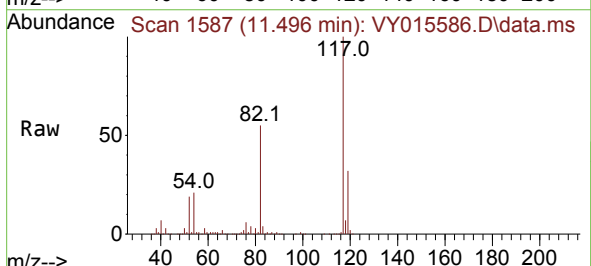
Tgt Ion: 117 Resp: 441181

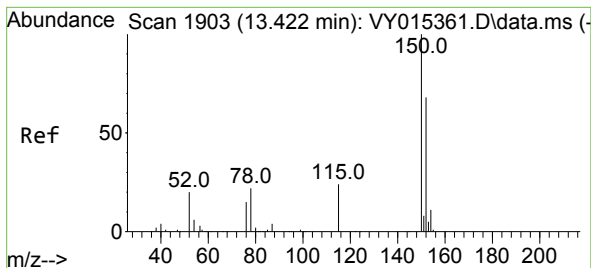
Ion Ratio Lower Upper

117 100

82 54.7 43.4 65.0

119 31.6 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.006 min

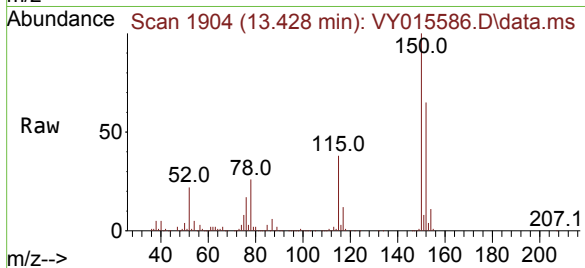
Lab File: VY015586.D

Acq: 15 Sep 2023 22:52

Instrument :

MSVOA_Y

ClientSampleId :



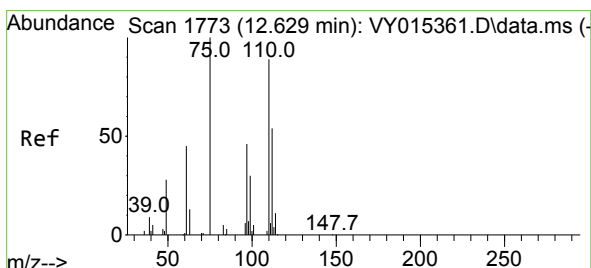
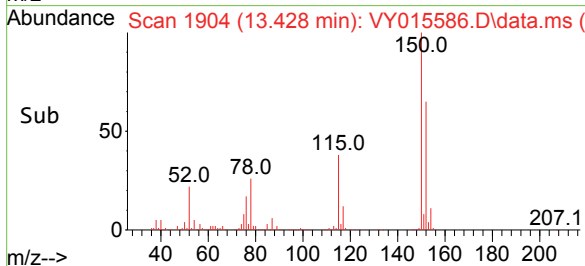
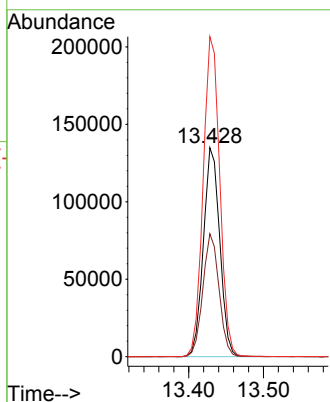
Tgt Ion:152 Resp: 205299

Ion Ratio Lower Upper

152 100

115 58.2 28.8 86.5

150 155.4 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 38.688 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.140 min

Lab File: VY015586.D

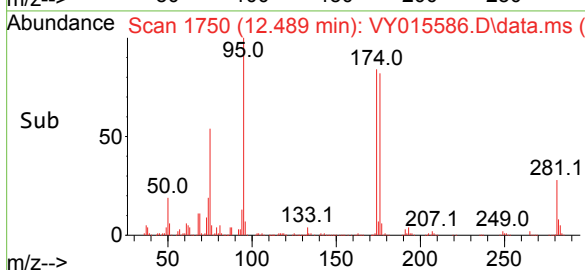
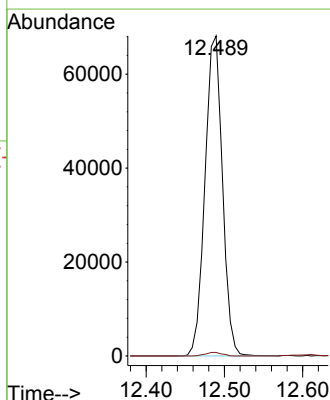
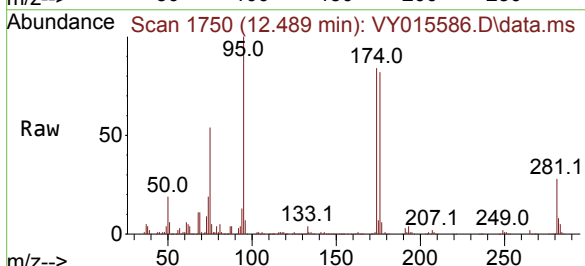
Acq: 15 Sep 2023 22:52

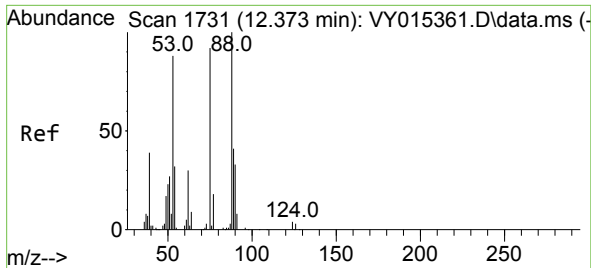
Tgt Ion: 75 Resp: 105328

Ion Ratio Lower Upper

75 100

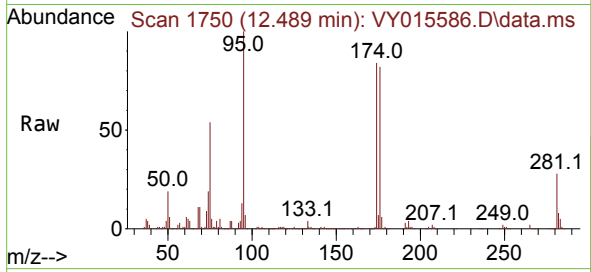
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.342 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY015586.D
 Acq: 15 Sep 2023 22:52

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 105328
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.4 37.4 56.0#

