

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015589.D
 Acq On : 16 Sep 2023 00:02
 Operator : SY/MD
 Sample : 04419-01
 Misc : 5.37g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 16 01:23:22 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)

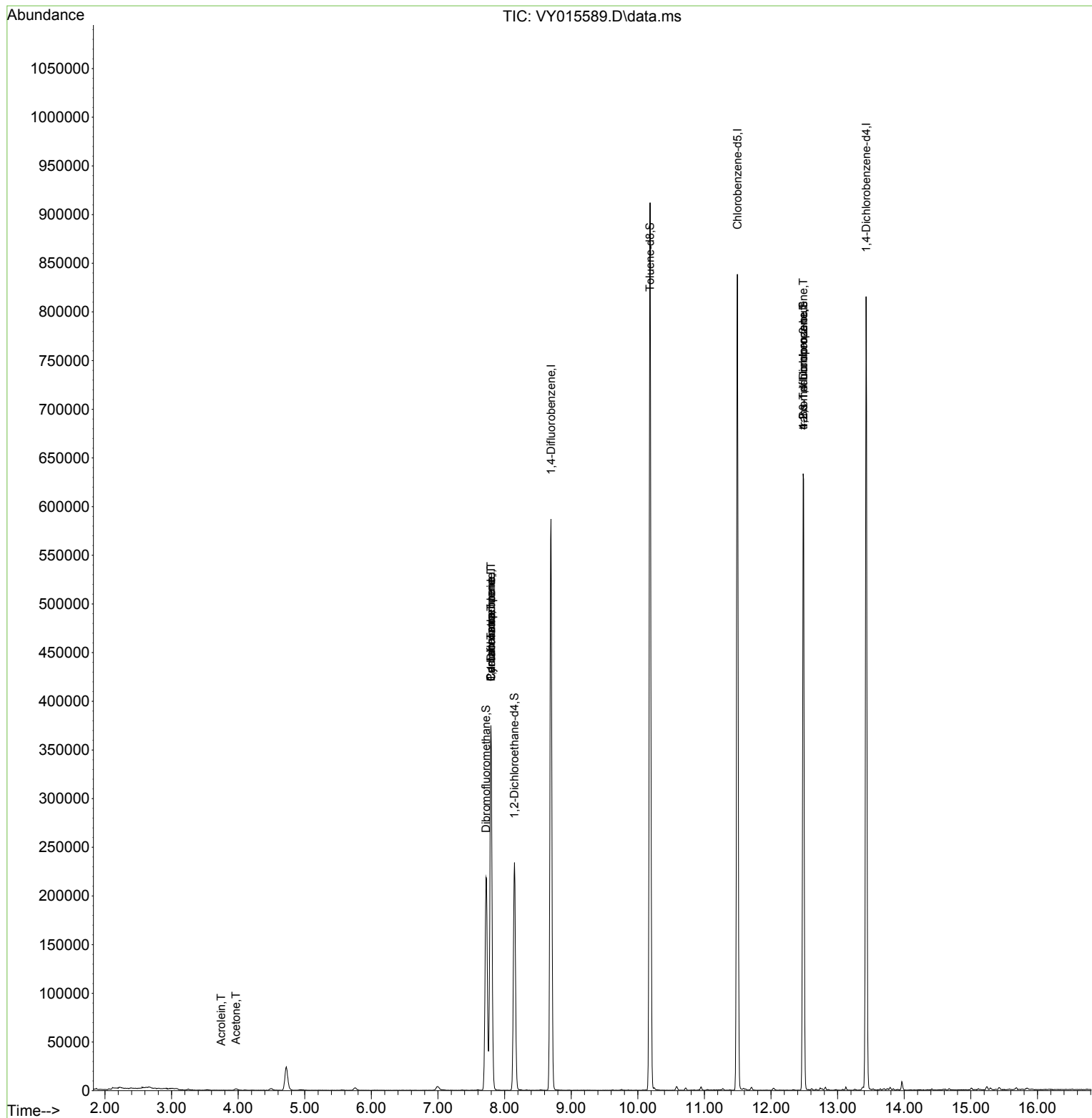
Internal Standards						
1) Pentafluorobenzene	7.795	168	292401	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	496847	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	444521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	204447	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	182325	58.167	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.340%	
35) Dibromofluoromethane	7.722	113	157980	55.204	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.400%	
50) Toluene-d8	10.185	98	583122	56.267	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.540%	
62) 4-Bromofluorobenzene	12.483	95	193853	50.387	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.780%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	529	Below Cal	#	89
13) Acrolein	3.747	56	26	11.674	ug/l #	14
16) Acetone	3.966	43	3358	2.567	ug/l #	84
20) Methylene Chloride	4.722	84	17744	Below Cal		90
31) Cyclohexane	7.795	56	6070	1.090	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	22711	4.520	ug/l #	49
38) Carbon Tetrachloride	7.795	117	29623	5.708	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	103330	38.113	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	103330	84.072	ug/l #	10

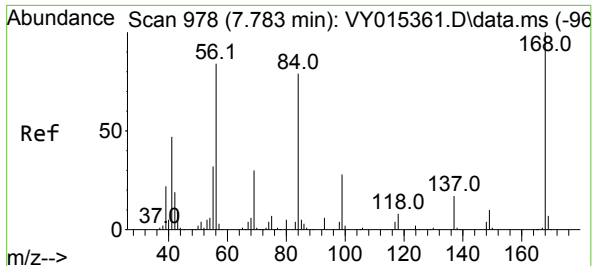
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
Data File : VY015589.D
Acq On : 16 Sep 2023 00:02
Operator : SY/MD
Sample : 04419-01
Misc : 5.37g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Sep 16 01:23:22 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

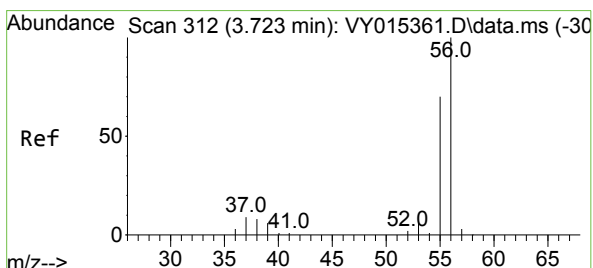
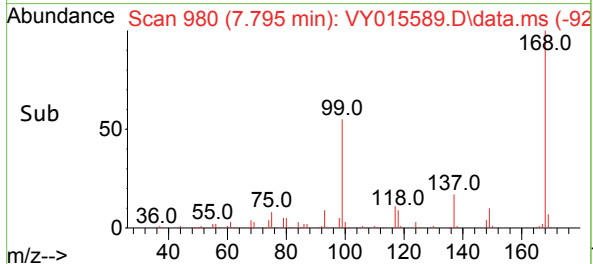
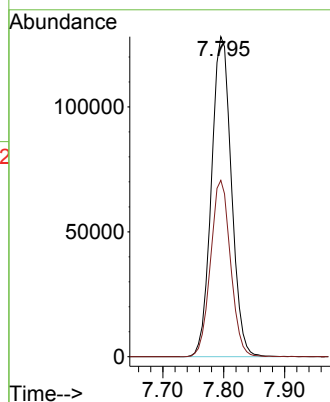
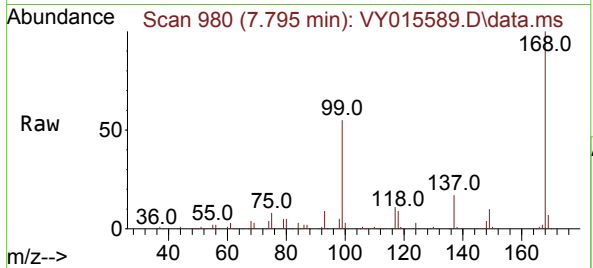




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015589.D
Acq: 16 Sep 2023 00:02

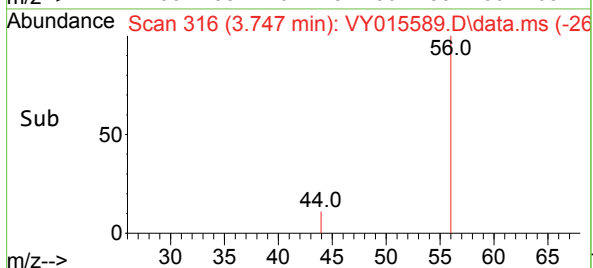
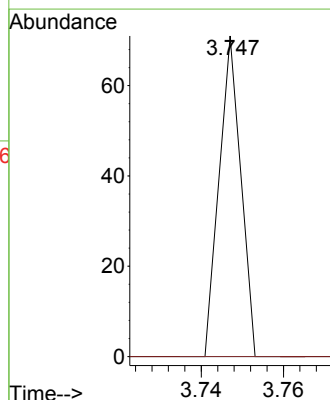
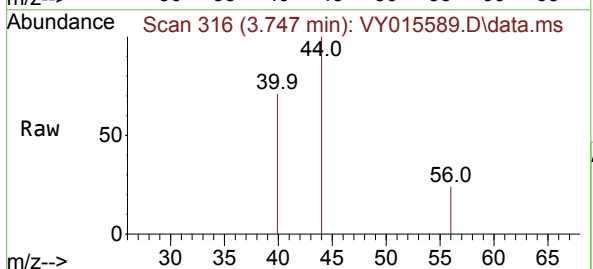
Instrument :
MSVOA_Y
ClientSampleId :

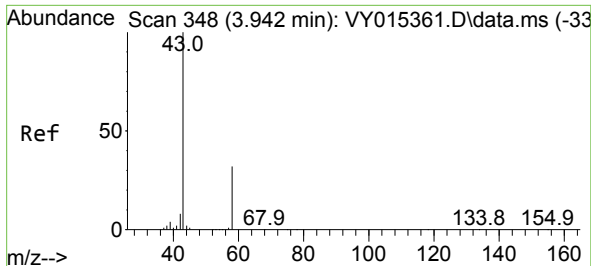
Tgt Ion:168 Resp: 292401
Ion Ratio Lower Upper
168 100
99 55.1 43.4 65.0



#13
Acrolein
Concen: 11.674 ug/l
RT: 3.747 min Scan# 316
Delta R.T. 0.024 min
Lab File: VY015589.D
Acq: 16 Sep 2023 00:02

Tgt Ion: 56 Resp: 26
Ion Ratio Lower Upper
56 100
55 0.0 57.0 85.4#

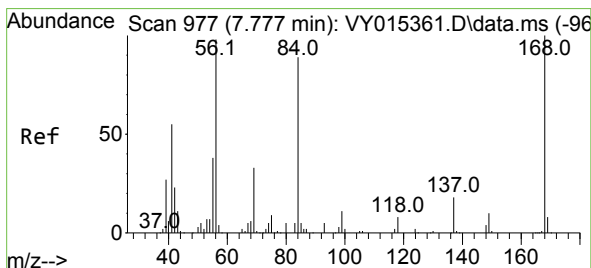
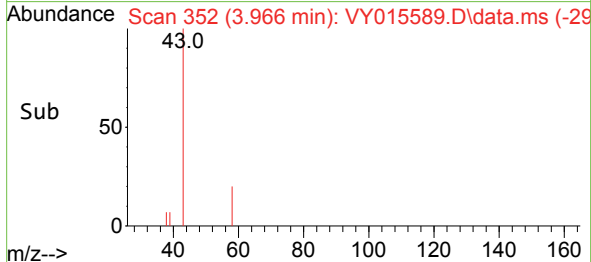
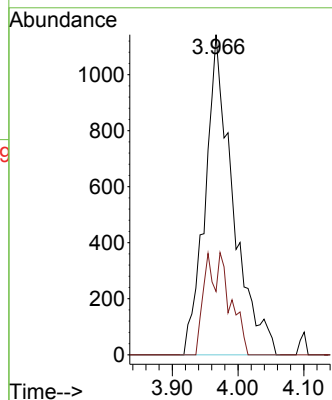
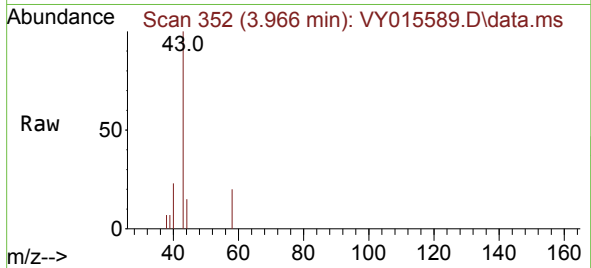




#16
Acetone
Concen: 2.567 ug/l
RT: 3.966 min Scan# 31
Delta R.T. 0.024 min
Lab File: VY015589.D
Acq: 16 Sep 2023 00:02

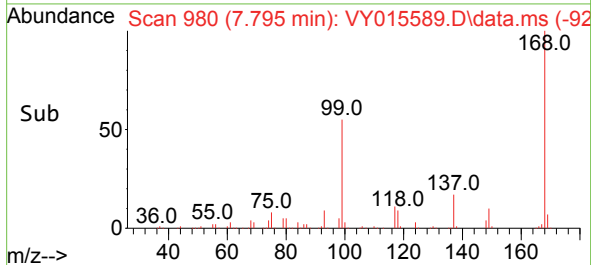
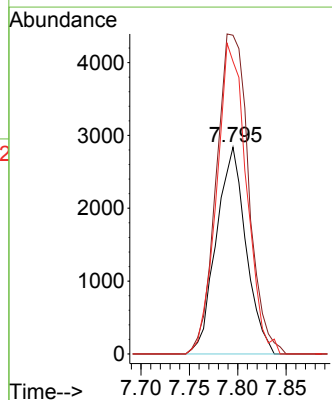
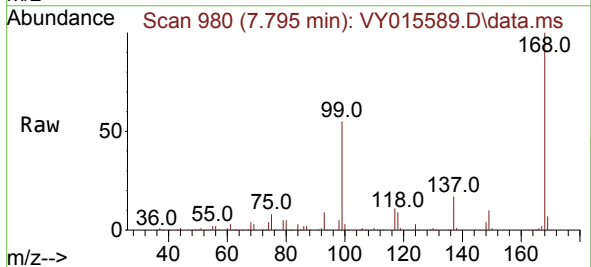
Instrument :
MSVOA_Y
ClientSampleId :

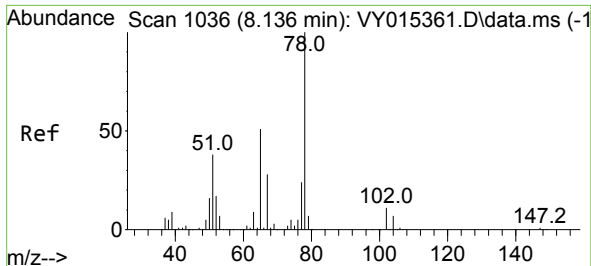
Tgt Ion: 43 Resp: 3358
Ion Ratio Lower Upper
43 100
58 19.8 22.7 34.1#



#31
Cyclohexane
Concen: 1.090 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.012 min
Lab File: VY015589.D
Acq: 16 Sep 2023 00:02

Tgt Ion: 56 Resp: 6070
Ion Ratio Lower Upper
56 100
69 154.2 27.8 41.6#
84 141.5 66.4 99.6#

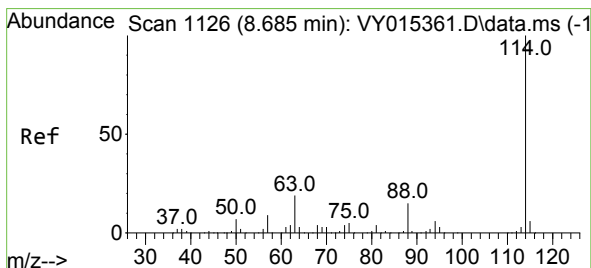
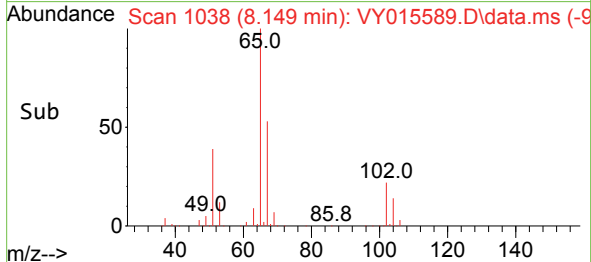
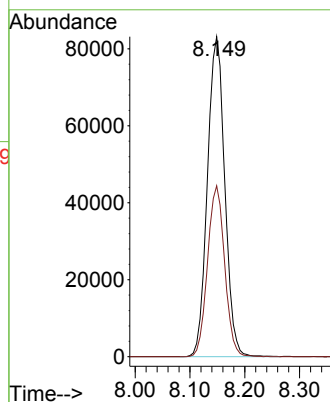
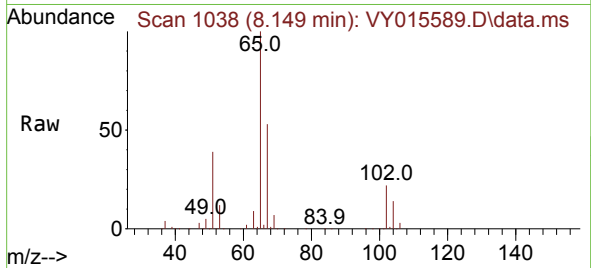




#33
 1,2-Dichloroethane-d4
 Concen: 58.167 ug/l
 RT: 8.149 min Scan# 110
 Delta R.T. 0.012 min
 Lab File: VY015589.D
 Acq: 16 Sep 2023 00:02

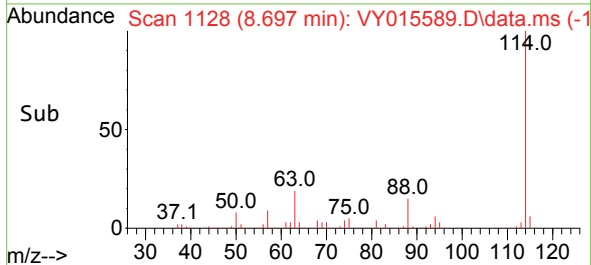
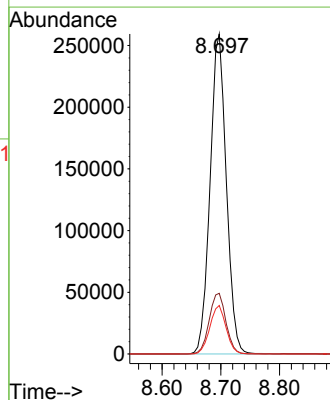
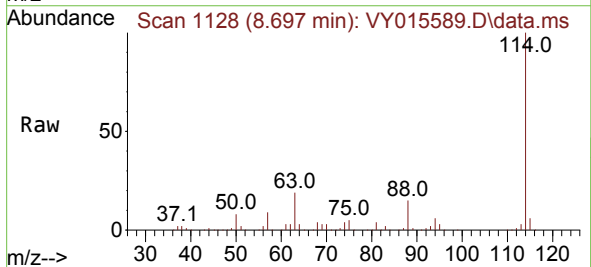
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 65 Resp: 182325
 Ion Ratio Lower Upper
 65 100
 67 52.6 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: VY015589.D
 Acq: 16 Sep 2023 00:02

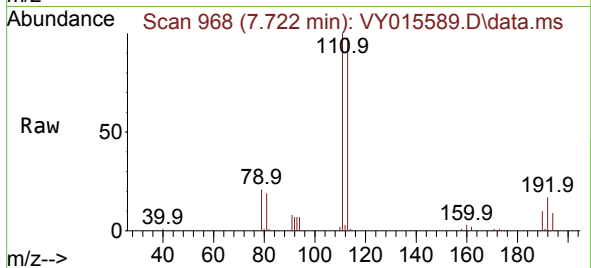
Tgt Ion: 114 Resp: 496847
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 42.4
 88 15.2 0.0 30.6



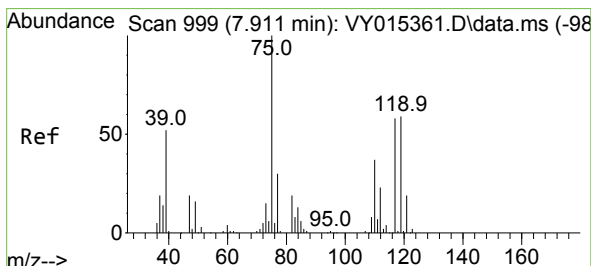
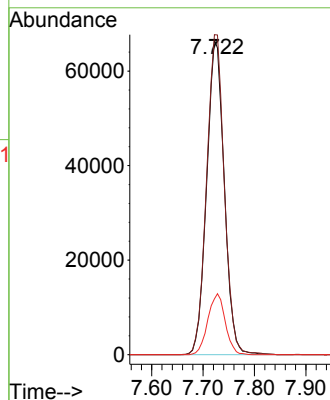
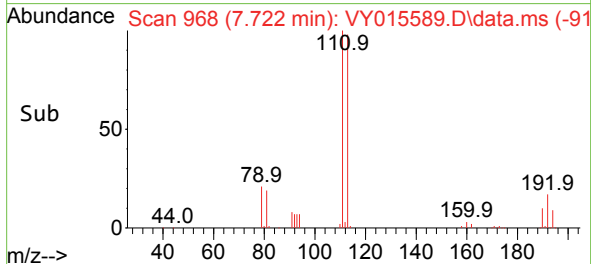


#35
Dibromofluoromethane
Concen: 55.204 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015589.D
Acq: 16 Sep 2023 00:02

Instrument :
MSVOA_Y
ClientSampleId :

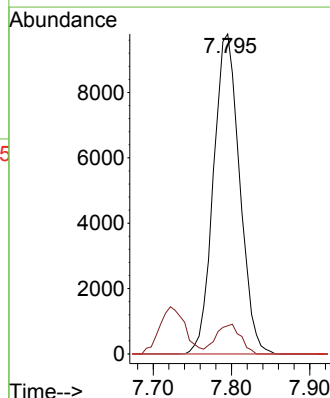
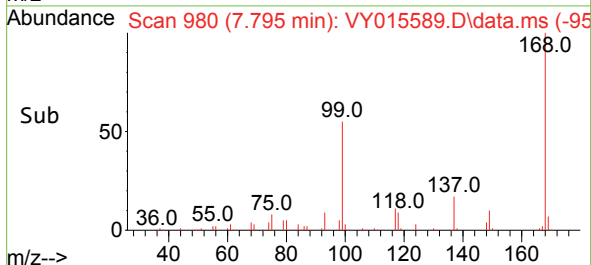
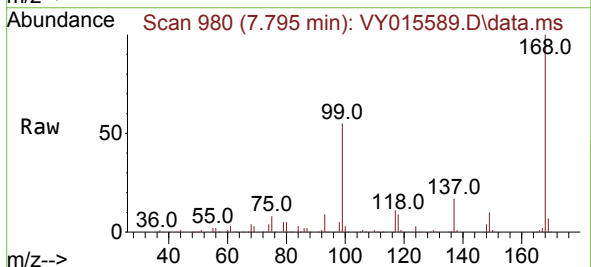


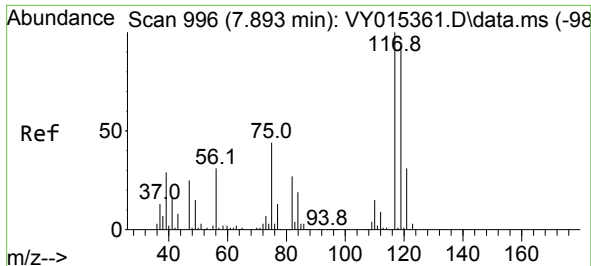
Tgt Ion:113 Resp: 157980
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 19.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.520 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY015589.D
Acq: 16 Sep 2023 00:02

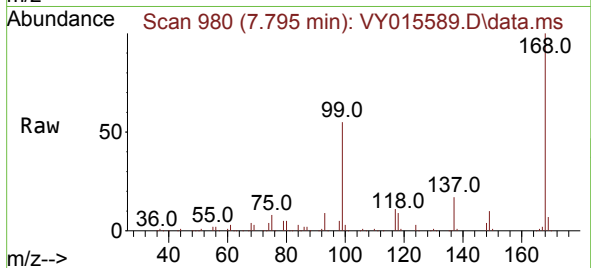
Tgt Ion: 75 Resp: 22711
Ion Ratio Lower Upper
75 100
110 8.7 17.8 53.5#
77 0.0 24.4 36.6#



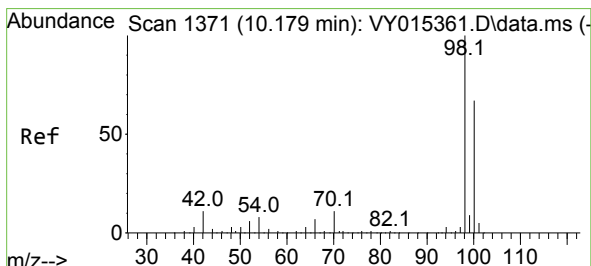
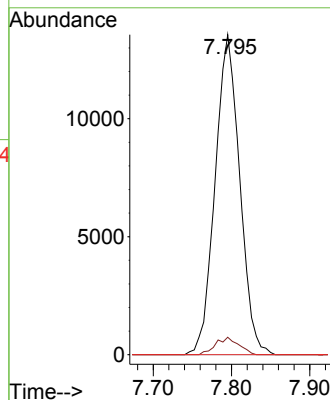
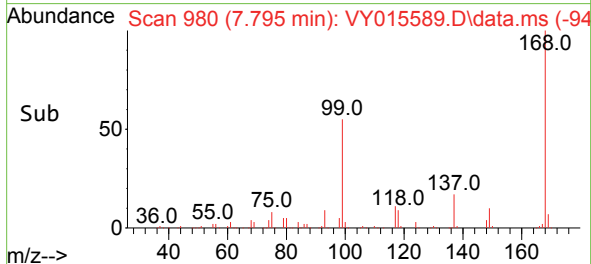


#38
Carbon Tetrachloride
Concen: 5.708 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.097 min
Lab File: VY015589.D
Acq: 16 Sep 2023 00:02

Instrument :
MSVOA_Y
ClientSampleId :

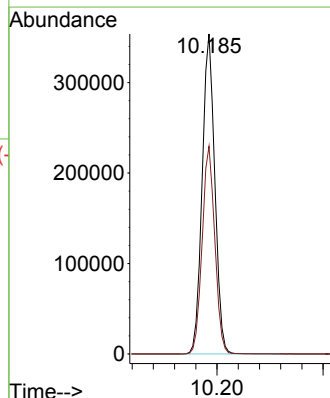
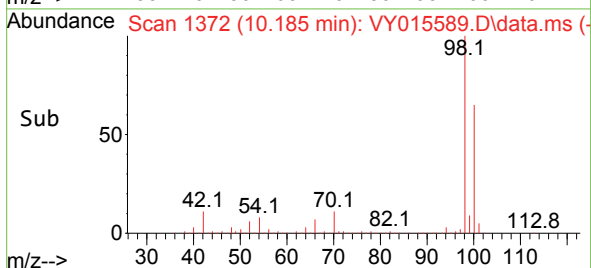
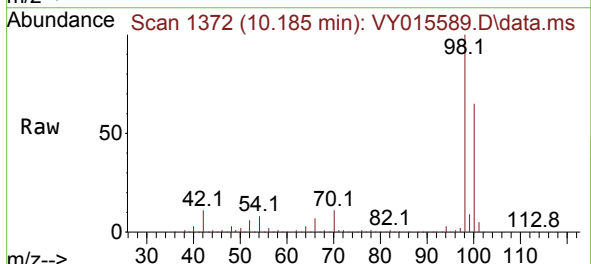


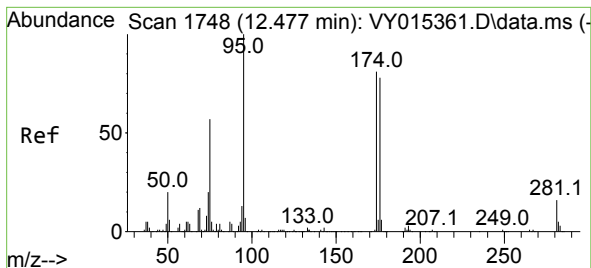
Tgt Ion:117 Resp: 29623
Ion Ratio Lower Upper
117 100
119 5.4 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 56.267 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY015589.D
Acq: 16 Sep 2023 00:02

Tgt Ion: 98 Resp: 583122
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1

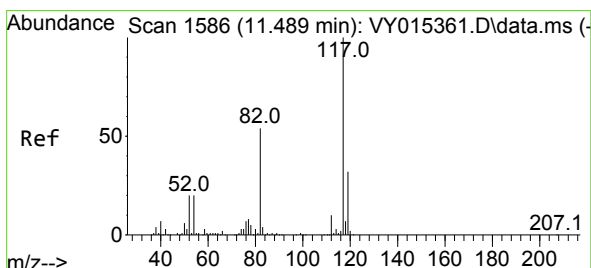
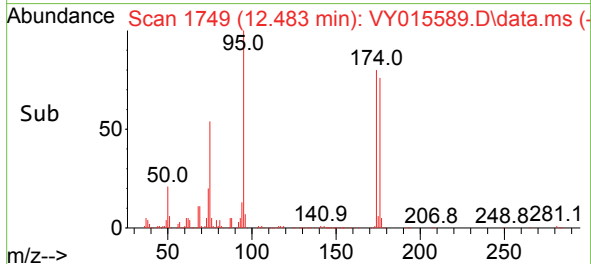
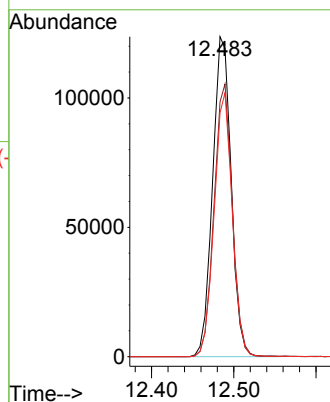
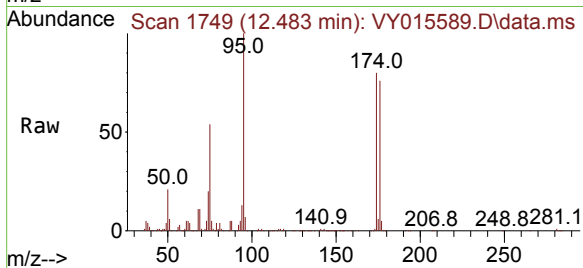




#62
4-Bromofluorobenzene
Concen: 50.387 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015589.D
Acq: 16 Sep 2023 00:02

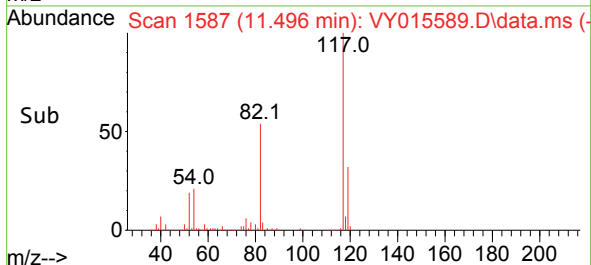
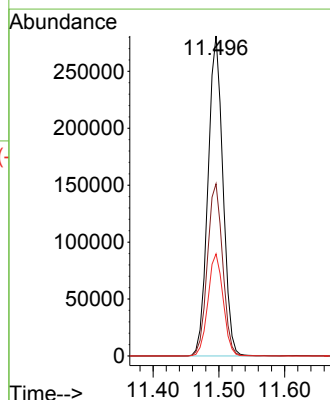
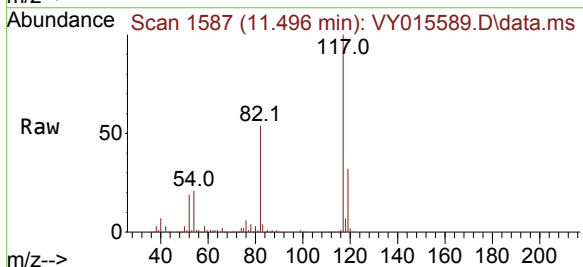
Instrument :
MSVOA_Y
ClientSampleId :

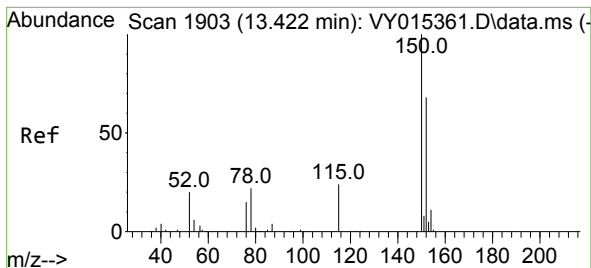
Tgt Ion: 95 Resp: 193853
Ion Ratio Lower Upper
95 100
174 84.0 0.0 178.2
176 80.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY015589.D
Acq: 16 Sep 2023 00:02

Tgt Ion: 117 Resp: 444521
Ion Ratio Lower Upper
117 100
82 53.8 43.4 65.0
119 31.9 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: VY015589.D

Acq: 16 Sep 2023 00:02

Instrument :

MSVOA_Y

ClientSampleId :

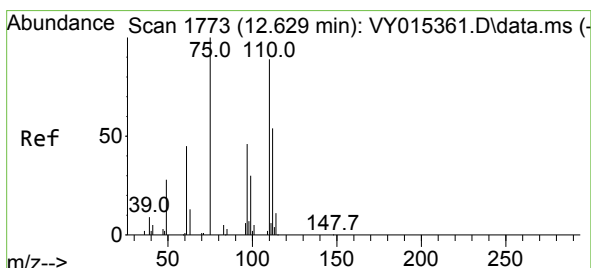
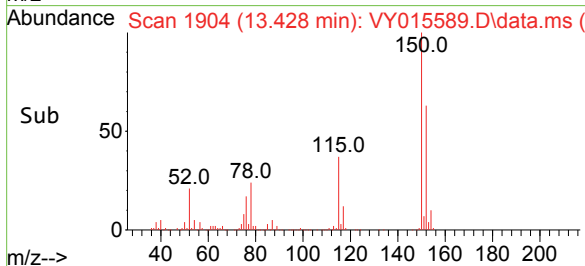
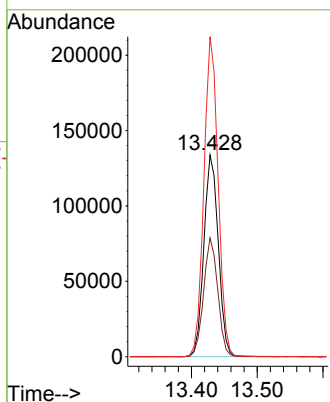
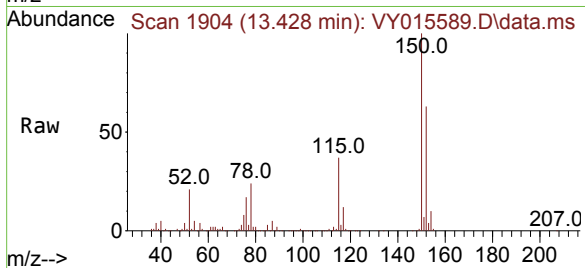
Tgt Ion:152 Resp: 204447

Ion Ratio Lower Upper

152 100

115 57.7 28.8 86.5

150 156.3 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 38.113 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY015589.D

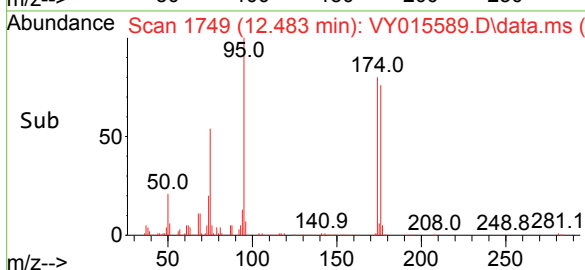
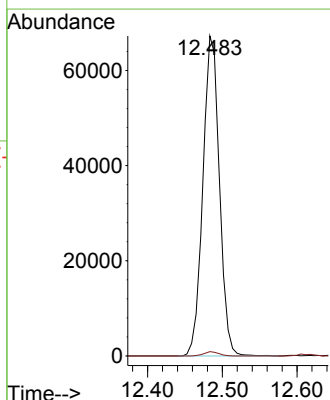
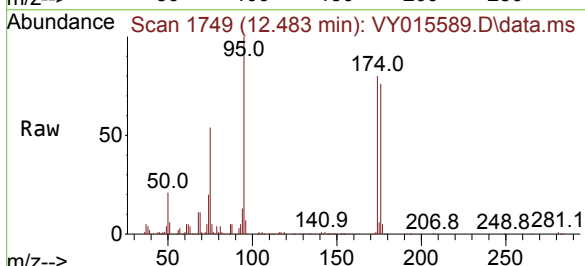
Acq: 16 Sep 2023 00:02

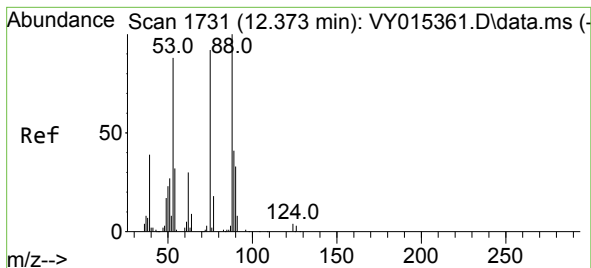
Tgt Ion: 75 Resp: 103330

Ion Ratio Lower Upper

75 100

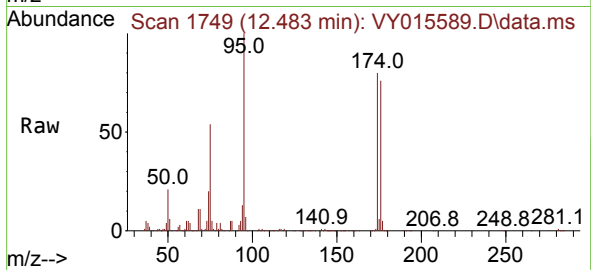
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.072 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY015589.D
 Acq: 16 Sep 2023 00:02

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 103330
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

