

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015592.D
 Acq On : 16 Sep 2023 01:13
 Operator : SY/MD
 Sample : 04419-04
 Misc : 5.21g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 16 05:27:35 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)

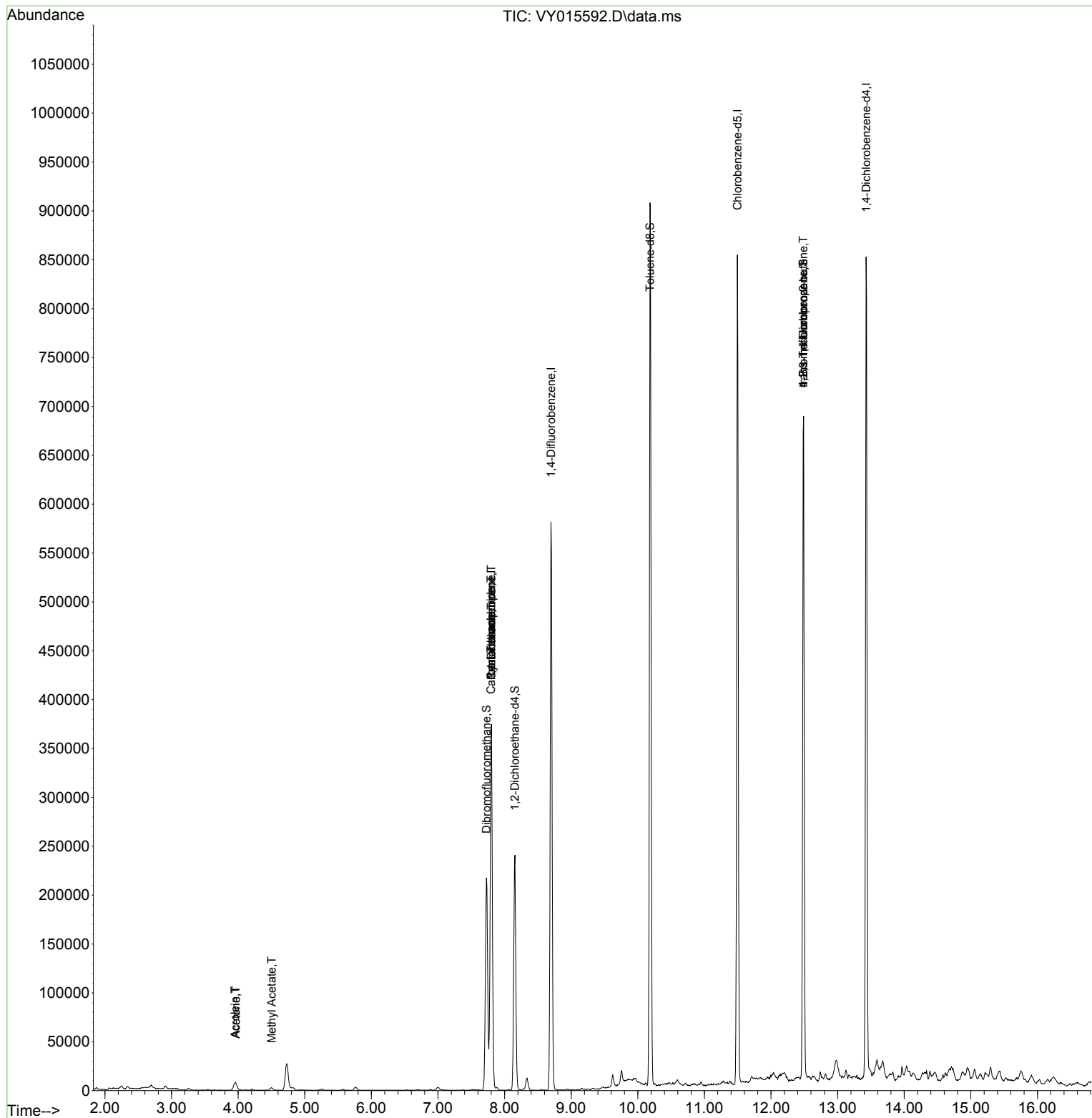
Internal Standards						
1) Pentafluorobenzene	7.801	168	292626	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.697	114	493345	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	456780	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	215093	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	183384	58.460	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.920%	
35) Dibromofluoromethane	7.728	113	155289	54.649	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.300%	
50) Toluene-d8	10.185	98	584707	56.821	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.640%	
62) 4-Bromofluorobenzene	12.483	95	205291	53.739	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.480%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.984	59	283	Below Cal	#	89
13) Acrolein	3.954	56	1513	13.301	ug/l #	66
16) Acetone	3.966	43	9822	7.502	ug/l #	87
18) Methyl Acetate	4.503	43	5314	1.121	ug/l	92
20) Methylene Chloride	4.735	84	20183	Below Cal		88
31) Cyclohexane	7.801	56	6130	1.100	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	21855	4.380	ug/l #	50
38) Carbon Tetrachloride	7.795	117	28844	5.597	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	110041	38.579	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	110041	85.101	ug/l #	11

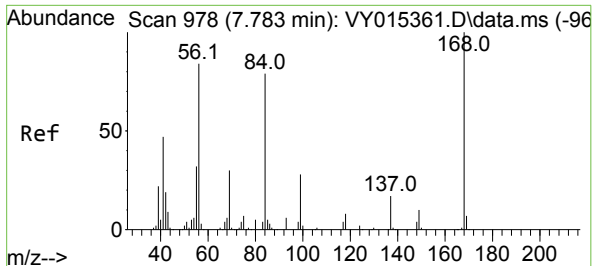
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
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Quant Time: Sep 16 05:27:35 2023
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Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration

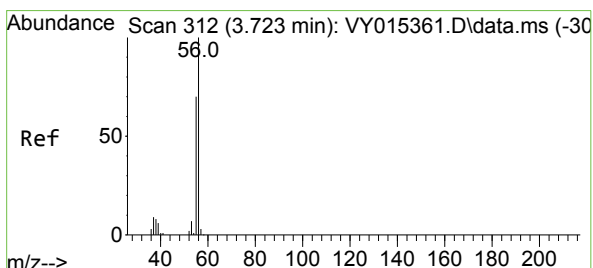
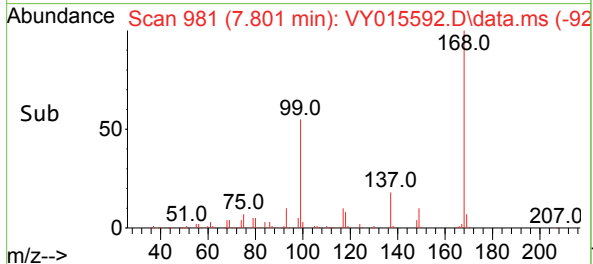
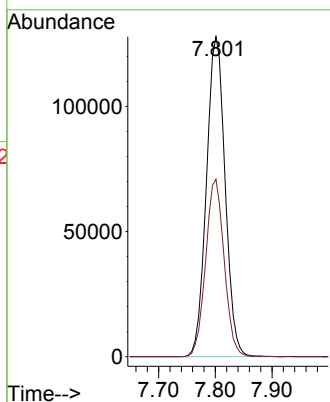
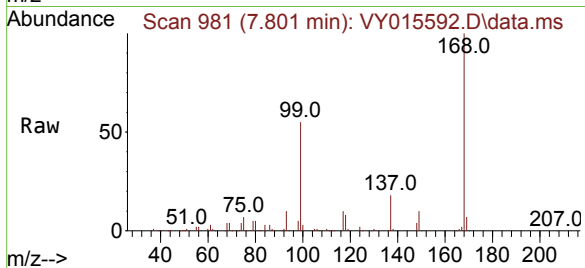




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY015592.D
Acq: 16 Sep 2023 01:13

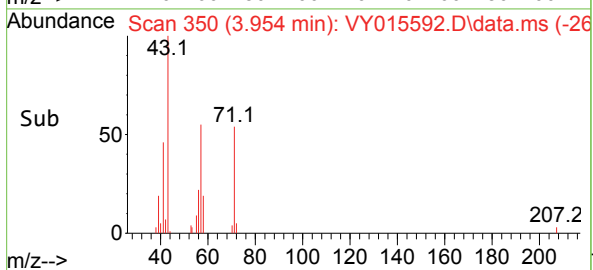
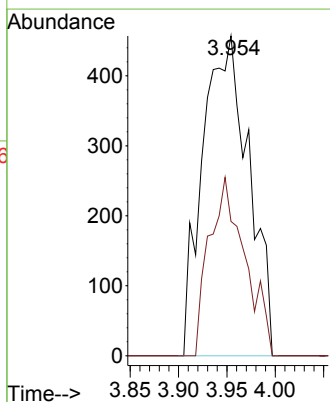
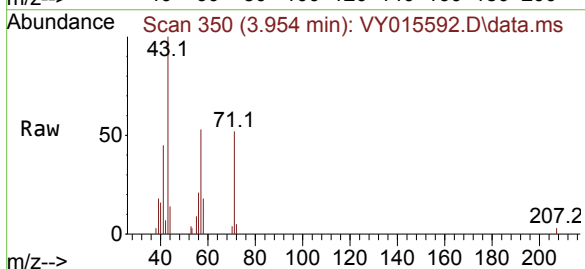
Instrument :
MSVOA_Y
ClientSampleId :

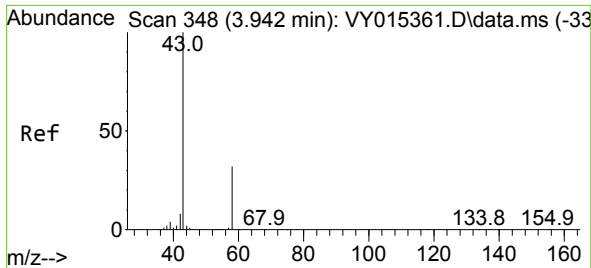
Tgt Ion:168 Resp: 292626
Ion Ratio Lower Upper
168 100
99 55.5 43.4 65.0



#13
Acrolein
Concen: 13.301 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.231 min
Lab File: VY015592.D
Acq: 16 Sep 2023 01:13

Tgt Ion: 56 Resp: 1513
Ion Ratio Lower Upper
56 100
55 43.4 57.0 85.4#

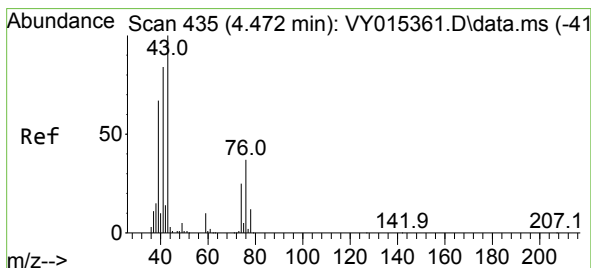
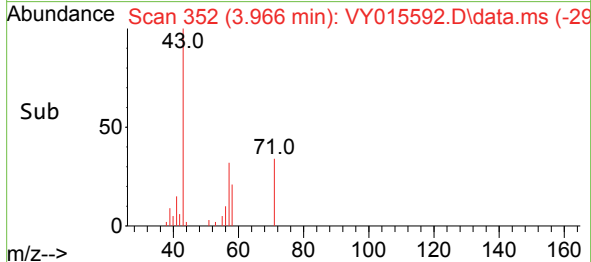
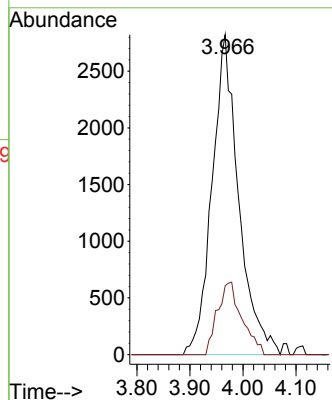
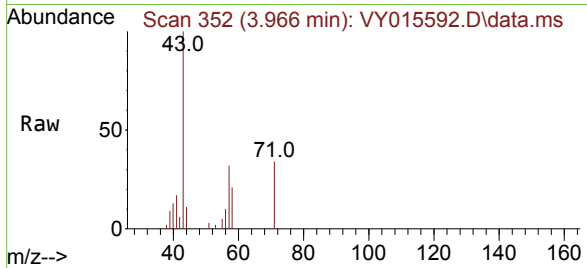




#16
Acetone
Concen: 7.502 ug/l
RT: 3.966 min Scan# 31
Delta R.T. 0.024 min
Lab File: VY015592.D
Acq: 16 Sep 2023 01:13

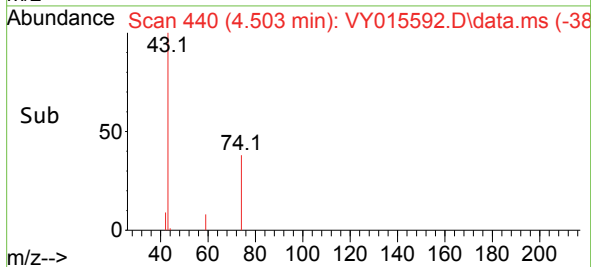
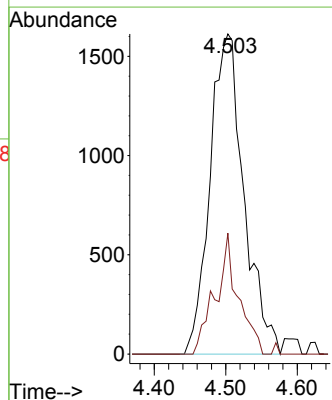
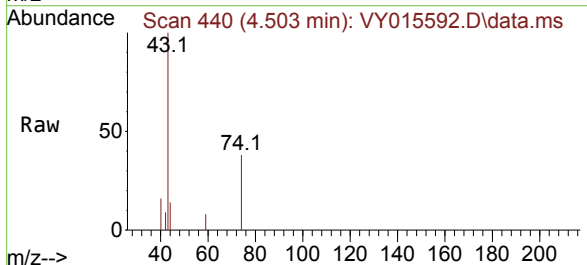
Instrument :
MSVOA_Y
ClientSampleId :

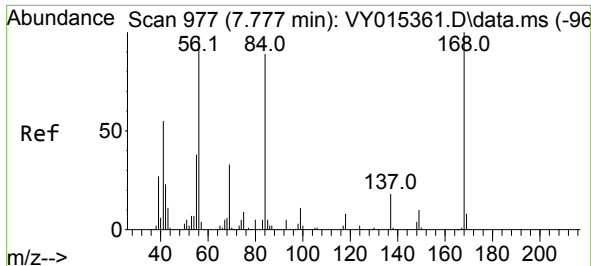
Tgt Ion: 43 Resp: 9822
Ion Ratio Lower Upper
43 100
58 21.5 22.7 34.1#



#18
Methyl Acetate
Concen: 1.121 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.030 min
Lab File: VY015592.D
Acq: 16 Sep 2023 01:13

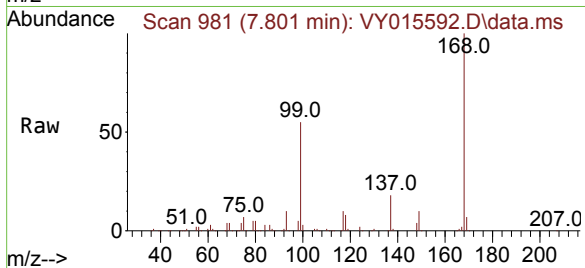
Tgt Ion: 43 Resp: 5314
Ion Ratio Lower Upper
43 100
74 25.5 17.4 26.0



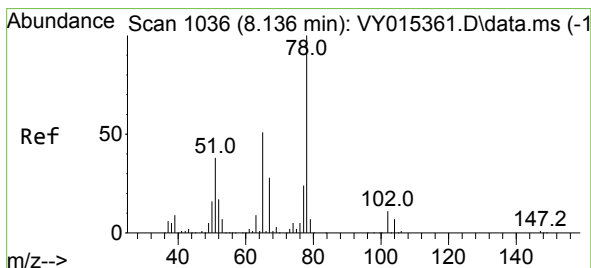
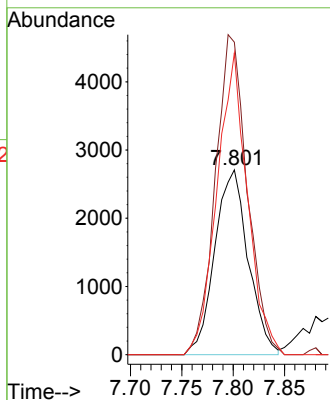
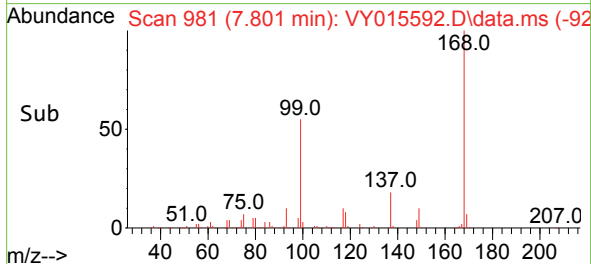


#31
Cyclohexane
Concen: 1.100 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY015592.D
Acq: 16 Sep 2023 01:13

Instrument :
MSVOA_Y
ClientSampleId :

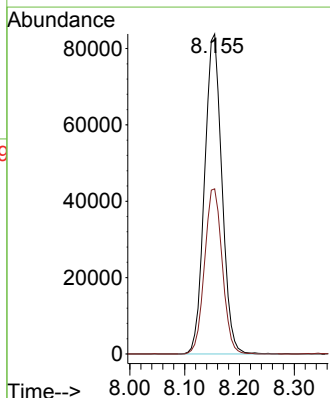
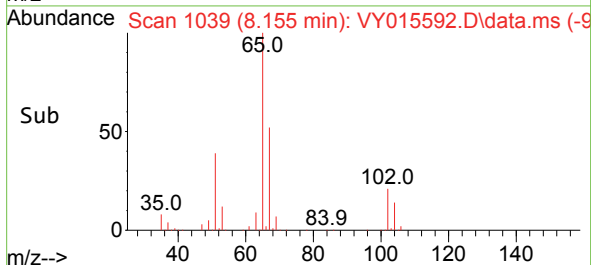
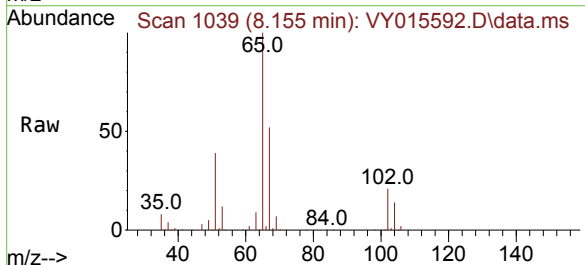


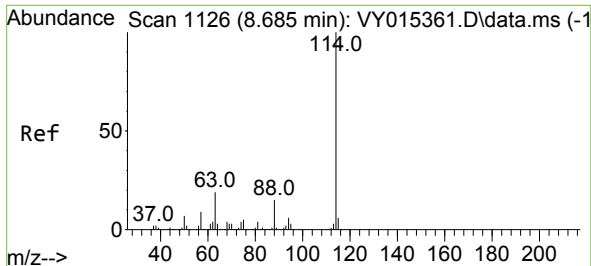
Tgt Ion: 56 Resp: 6130
Ion Ratio Lower Upper
56 100
69 169.1 27.8 41.6#
84 163.3 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 58.460 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.018 min
Lab File: VY015592.D
Acq: 16 Sep 2023 01:13

Tgt Ion: 65 Resp: 183384
Ion Ratio Lower Upper
65 100
67 52.8 0.0 101.8

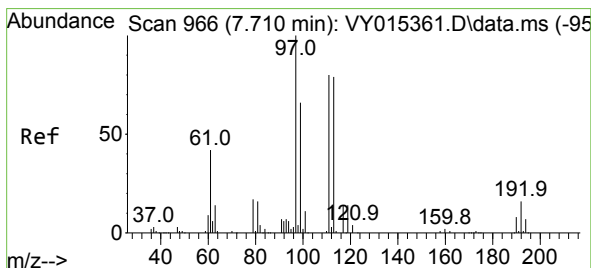
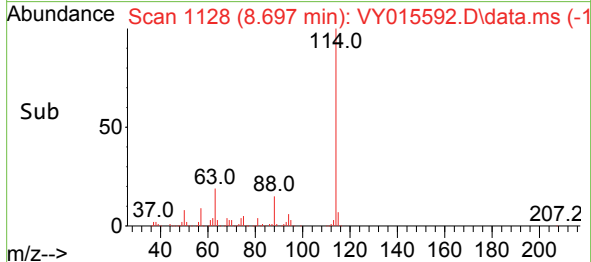
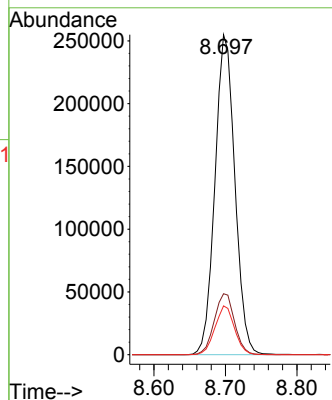
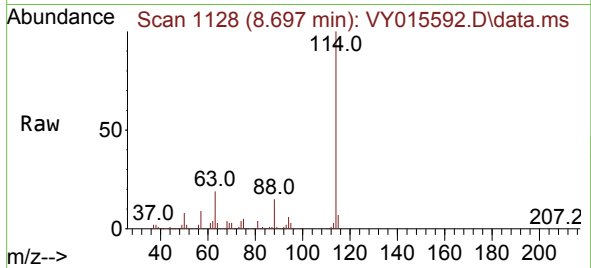




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1126
Delta R.T. 0.012 min
Lab File: VY015592.D
Acq: 16 Sep 2023 01:13

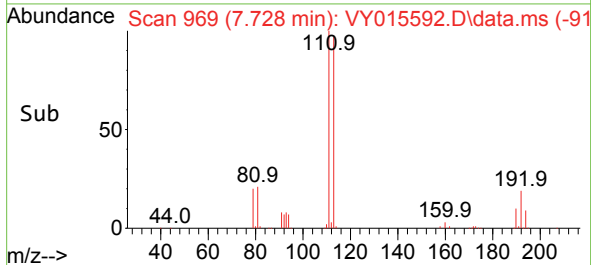
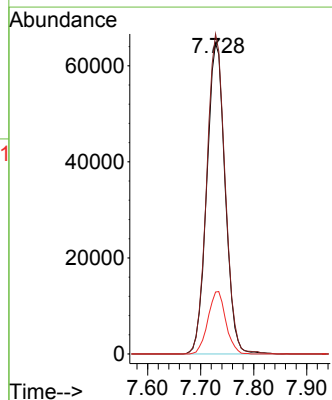
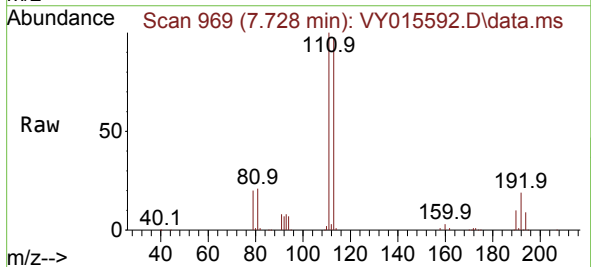
Instrument :
MSVOA_Y
ClientSampleId :

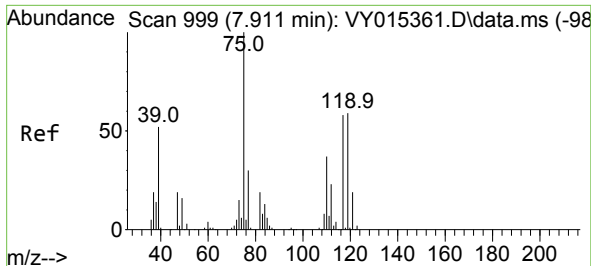
Tgt Ion:114 Resp: 493345
Ion Ratio Lower Upper
114 100
63 19.0 0.0 42.4
88 15.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.649 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY015592.D
Acq: 16 Sep 2023 01:13

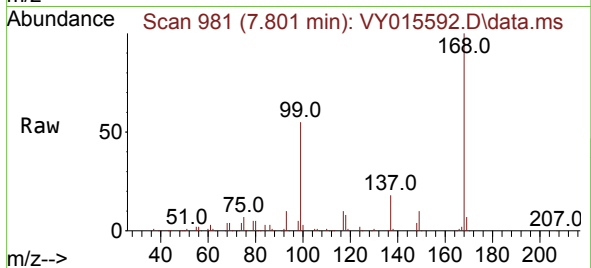
Tgt Ion:113 Resp: 155289
Ion Ratio Lower Upper
113 100
111 103.0 81.3 121.9
192 19.6 16.9 25.3



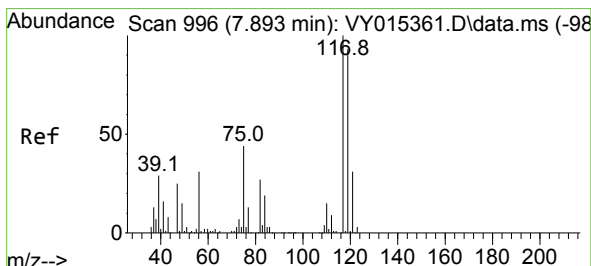
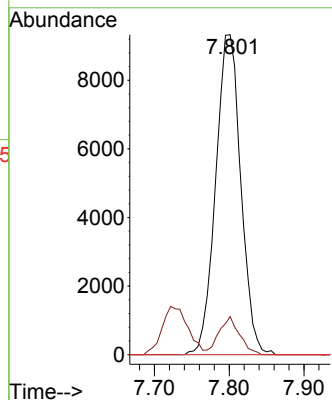
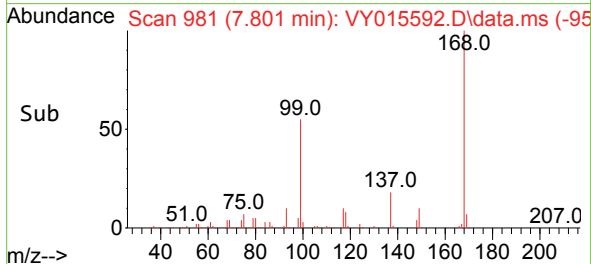


#36
1,1-Dichloropropene
Concen: 4.380 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY015592.D
Acq: 16 Sep 2023 01:13

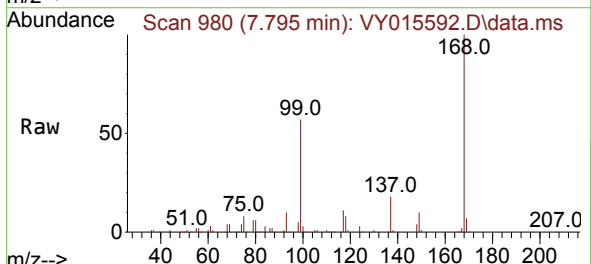
Instrument :
MSVOA_Y
ClientSampleId :



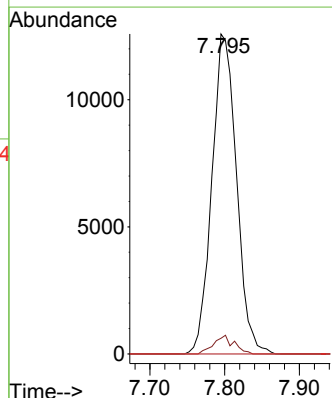
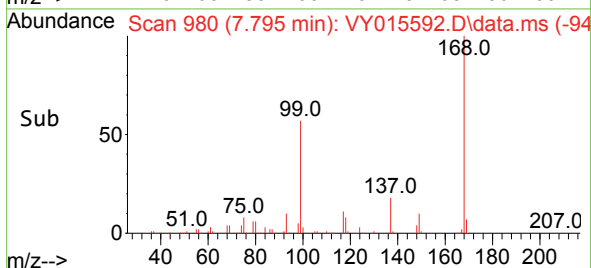
Tgt Ion: 75 Resp: 21855
Ion Ratio Lower Upper
75 100
110 9.9 17.8 53.5#
77 0.0 24.4 36.6#

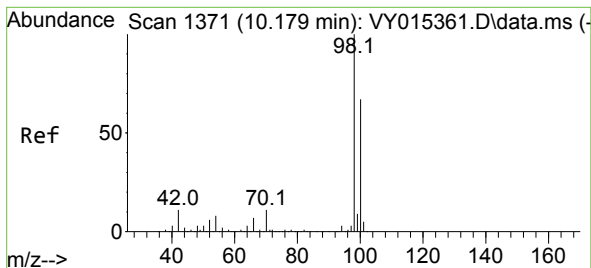


#38
Carbon Tetrachloride
Concen: 5.597 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.098 min
Lab File: VY015592.D
Acq: 16 Sep 2023 01:13



Tgt Ion: 117 Resp: 28844
Ion Ratio Lower Upper
117 100
119 4.9 76.4 114.6#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 56.821 ug/l

RT: 10.185 min Scan# 1371

Delta R.T. 0.006 min

Lab File: VY015592.D

Acq: 16 Sep 2023 01:13

Instrument :

MSVOA_Y

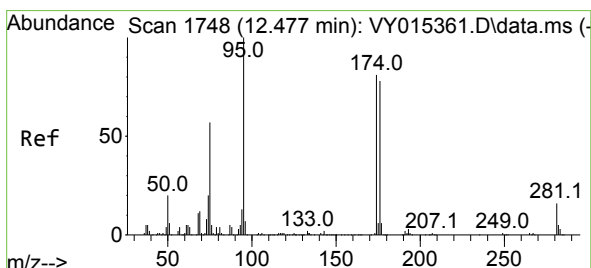
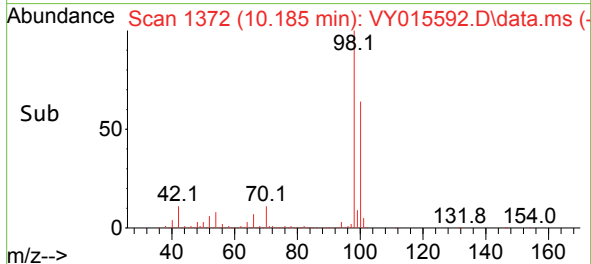
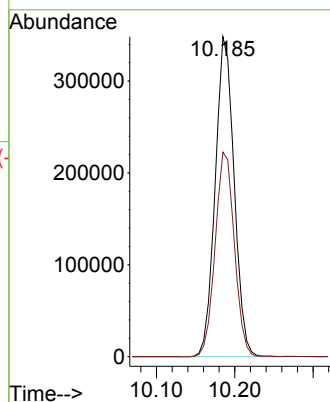
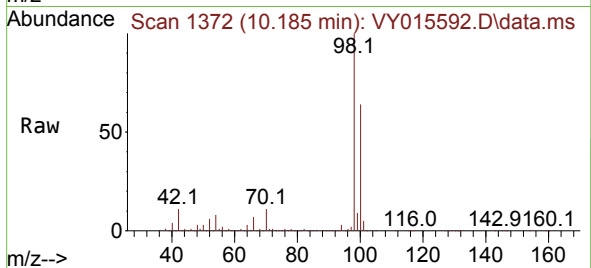
ClientSampleId :

Tgt Ion: 98 Resp: 584707

Ion Ratio Lower Upper

98 100

100 65.0 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 53.739 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY015592.D

Acq: 16 Sep 2023 01:13

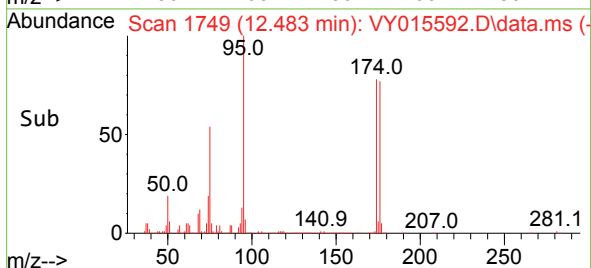
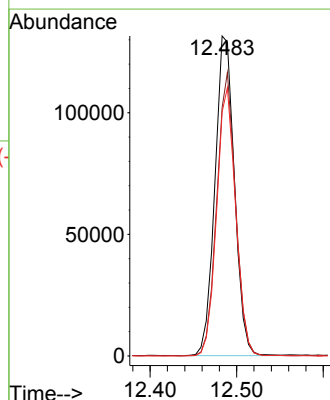
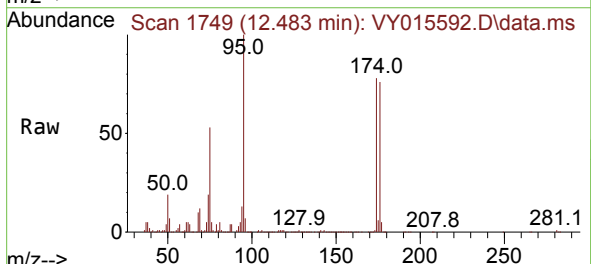
Tgt Ion: 95 Resp: 205291

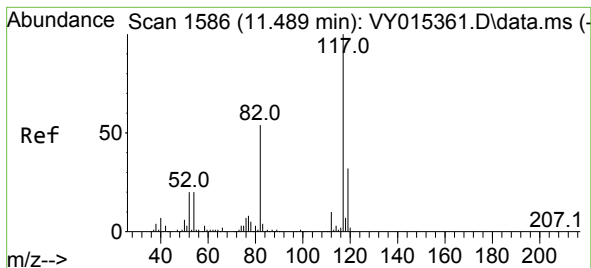
Ion Ratio Lower Upper

95 100

174 85.5 0.0 178.2

176 81.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015592.D

Acq: 16 Sep 2023 01:13

Instrument :

MSVOA_Y

ClientSampleId :

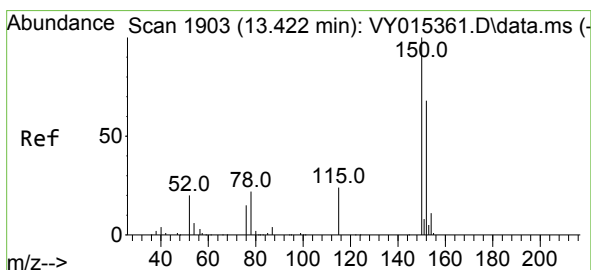
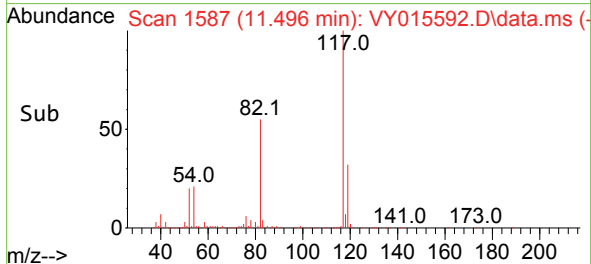
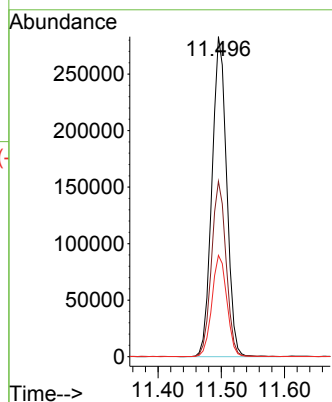
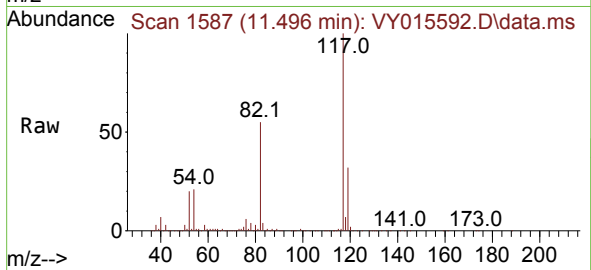
Tgt Ion:117 Resp: 456780

Ion Ratio Lower Upper

117 100

82 54.8 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# 1904

Delta R.T. 0.006 min

Lab File: VY015592.D

Acq: 16 Sep 2023 01:13

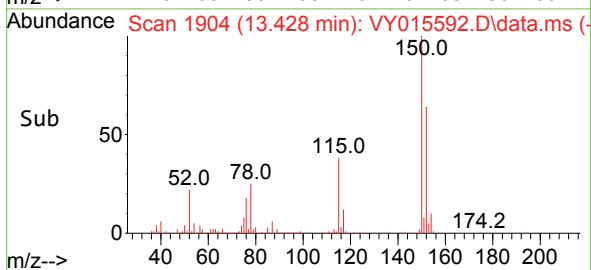
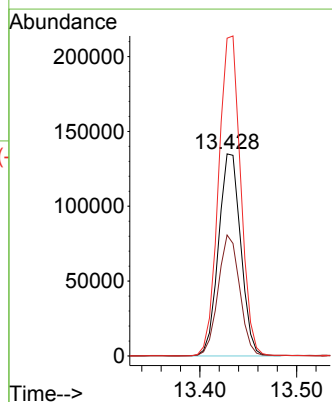
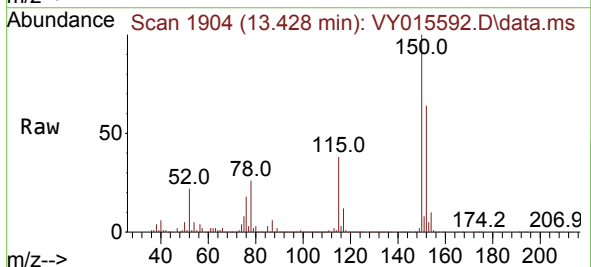
Tgt Ion:152 Resp: 215093

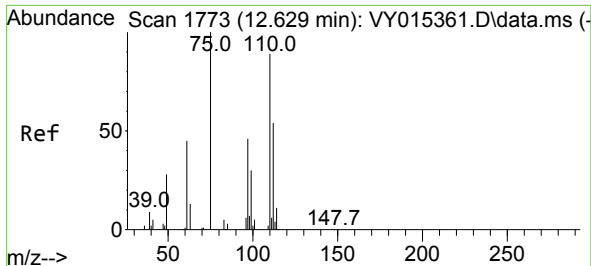
Ion Ratio Lower Upper

152 100

115 57.7 28.8 86.5

150 157.7 0.0 348.8

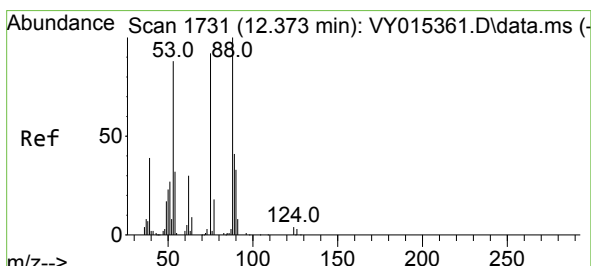
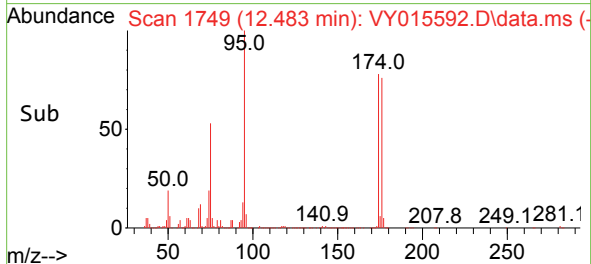
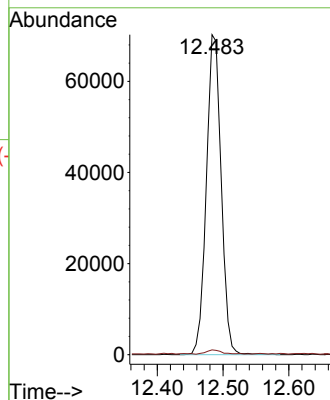
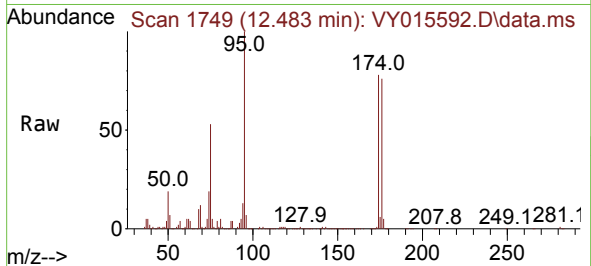




#76
1,2,3-Trichloropropane
Concen: 38.579 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY015592.D
Acq: 16 Sep 2023 01:13

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 110041
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.101 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY015592.D
Acq: 16 Sep 2023 01:13

Tgt Ion: 75 Resp: 110041
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#

