

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111623\
 Data File : VY016392.D
 Acq On : 16 Nov 2023 16:03
 Operator : SY/MD
 Sample : 05418-07
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 17 04:08:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

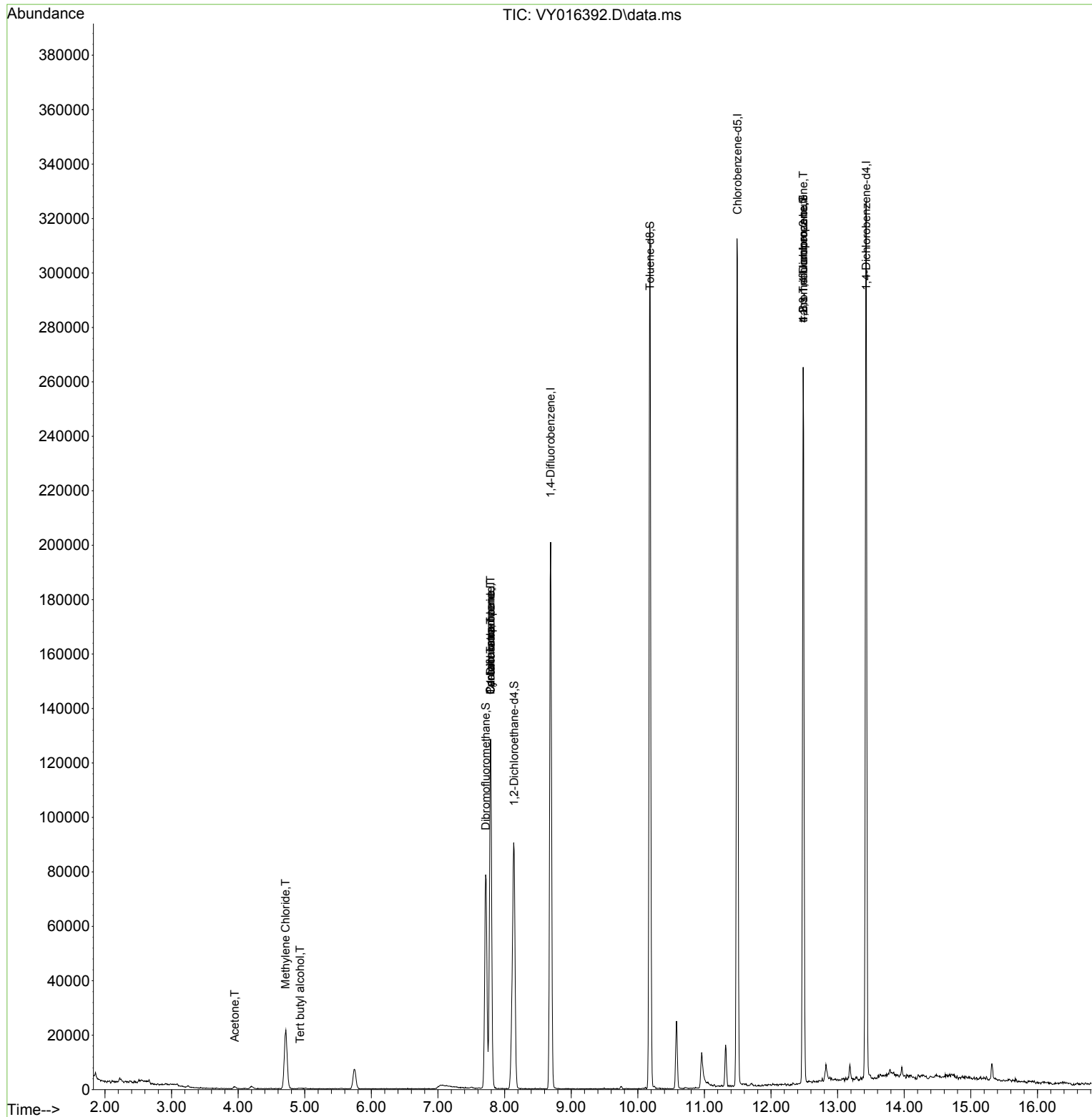
Internal Standards						
1) Pentafluorobenzene	7.789	168	100507	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	178957	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.496	117	176728	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	84265	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	63404	69.023	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 138.040%	
35) Dibromofluoromethane	7.716	113	56689	55.764	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.520%	
50) Toluene-d8	10.185	98	211954	51.414	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.820%	
62) 4-Bromofluorobenzene	12.483	95	76715	57.296	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 114.600%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	301	4.184	ug/l #	89
16) Acetone	3.948	43	1438	9.464	ug/l #	79
20) Methylene Chloride	4.710	84	17124	13.405	ug/l #	84
31) Cyclohexane	7.789	56	1948	1.077	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	7719	4.373	ug/l #	50
38) Carbon Tetrachloride	7.789	117	10190	5.562	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	39606	48.996	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	39606	106.351	ug/l #	11

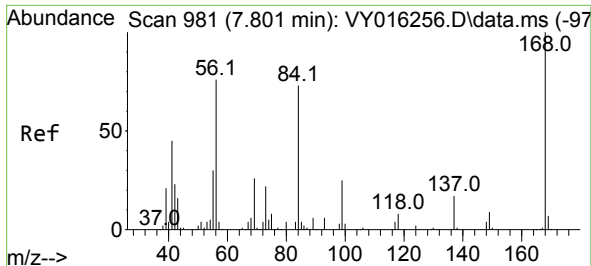
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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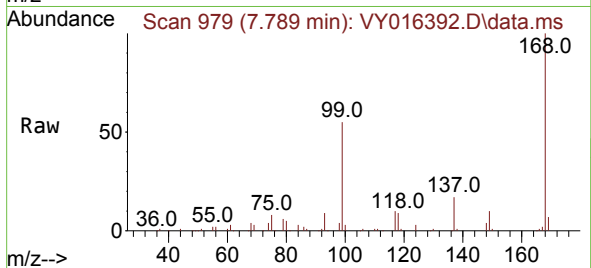
Quant Time: Nov 17 04:08:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration



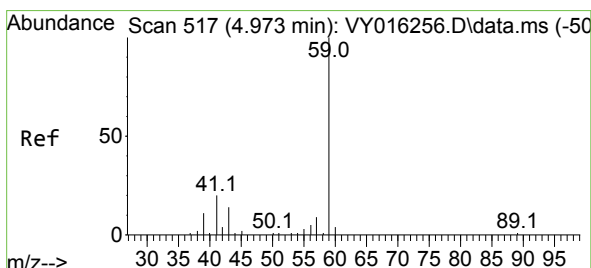
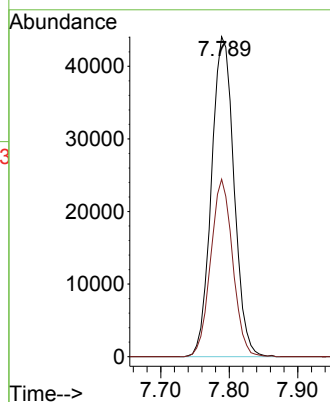
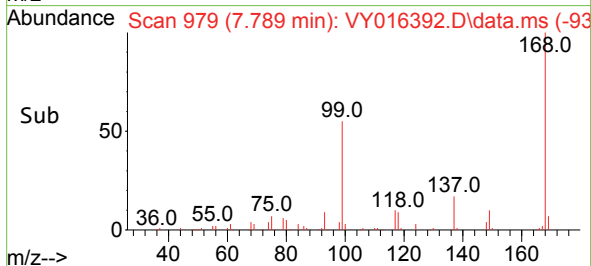


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016392.D
Acq: 16 Nov 2023 16:03

Instrument :
MSVOA_Y
ClientSampleId :

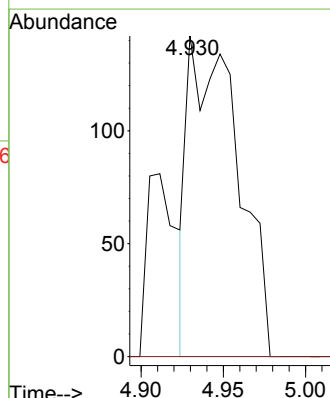
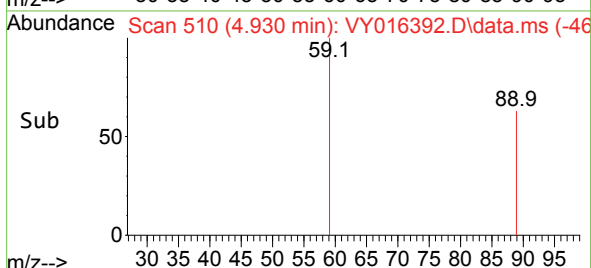
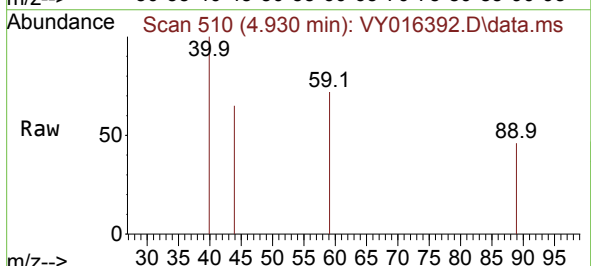


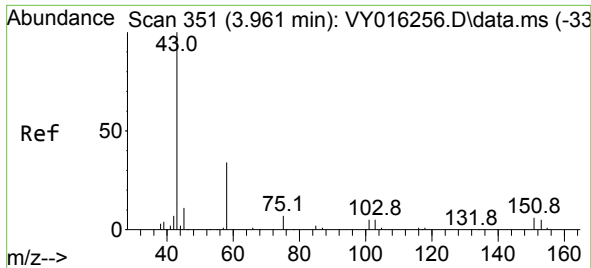
Tgt Ion:168 Resp: 100507
Ion Ratio Lower Upper
168 100
99 55.4 43.4 65.0



#11
Tert butyl alcohol
Concen: 4.184 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.043 min
Lab File: VY016392.D
Acq: 16 Nov 2023 16:03

Tgt Ion: 59 Resp: 301
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#





#16

Acetone

Concen: 9.464 ug/l

RT: 3.948 min Scan# 34

Delta R.T. -0.012 min

Lab File: VY016392.D

Acq: 16 Nov 2023 16:03

Instrument :

MSVOA_Y

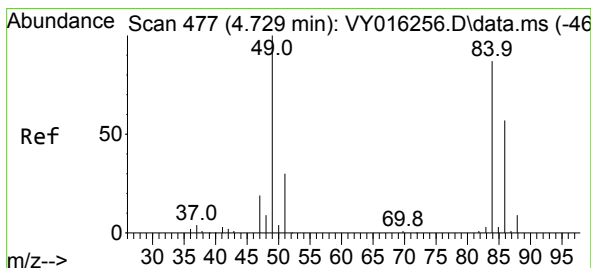
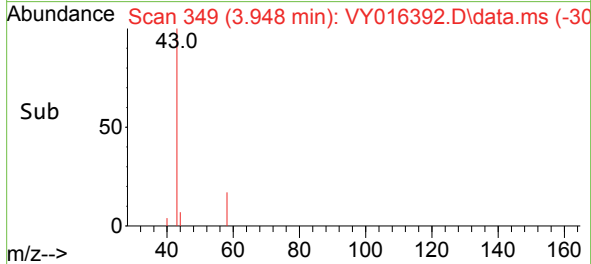
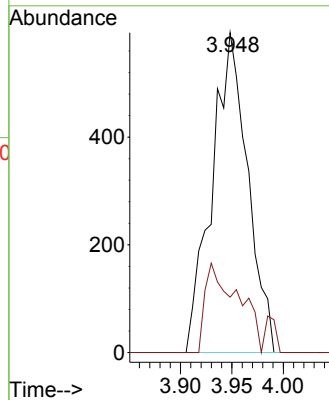
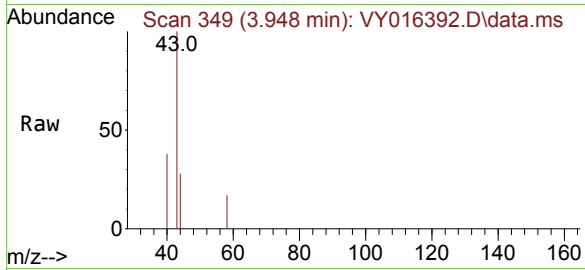
ClientSampleId :

Tgt Ion: 43 Resp: 1438

Ion Ratio Lower Upper

43 100

58 17.3 22.7 34.1#



#20

Methylene Chloride

Concen: 13.405 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.019 min

Lab File: VY016392.D

Acq: 16 Nov 2023 16:03

Tgt Ion: 84 Resp: 17124

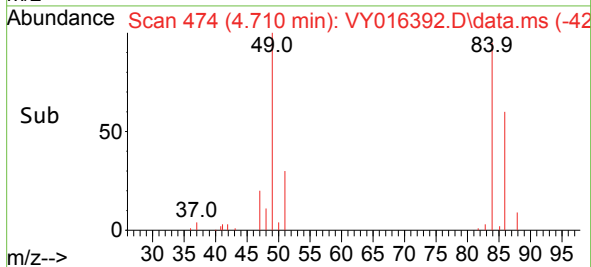
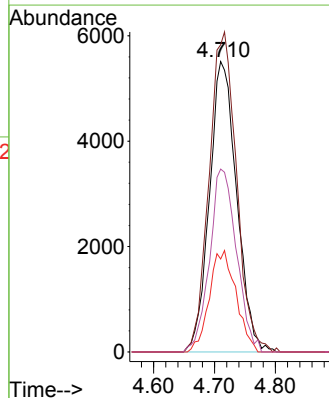
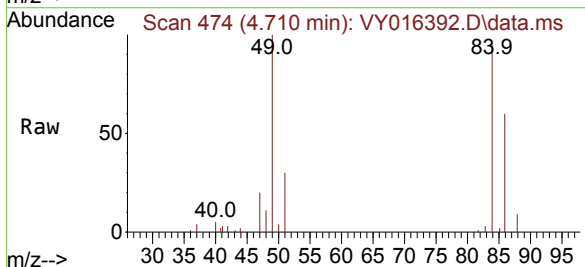
Ion Ratio Lower Upper

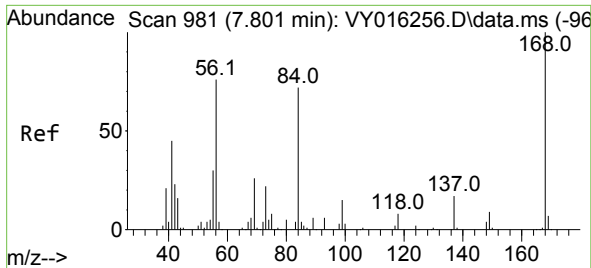
84 100

49 105.8 106.9 160.3#

51 32.0 33.2 49.8#

86 63.0 51.0 76.6

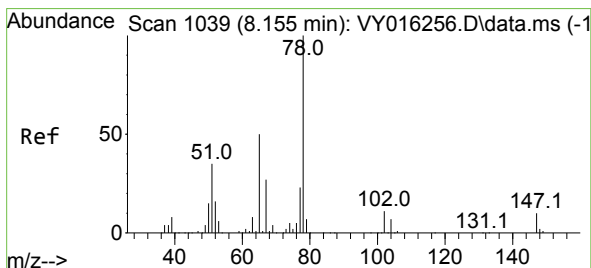
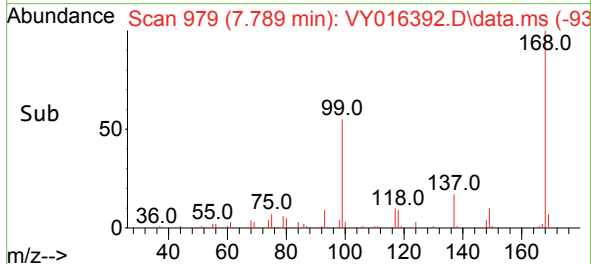
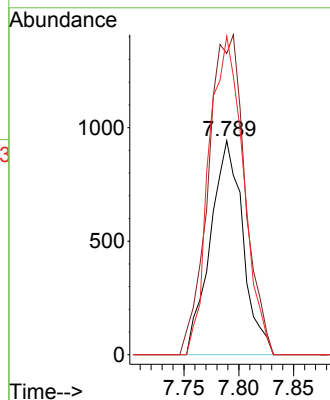
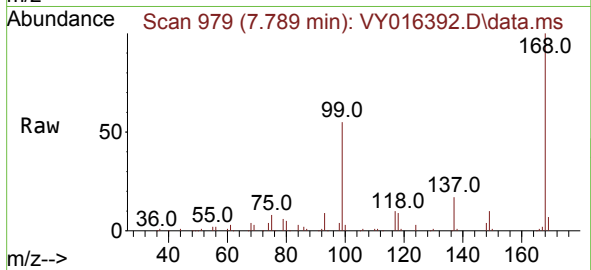




#31
Cyclohexane
Concen: 1.077 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016392.D
Acq: 16 Nov 2023 16:03

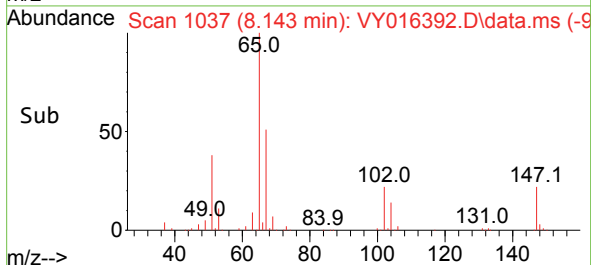
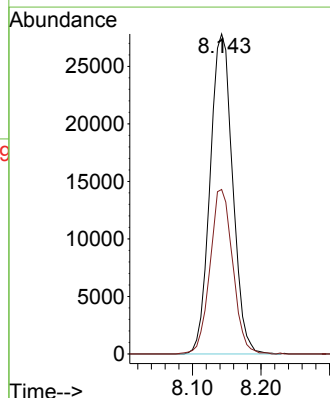
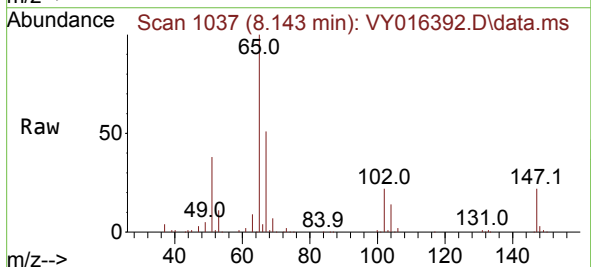
Instrument :
MSVOA_Y
ClientSampleId :

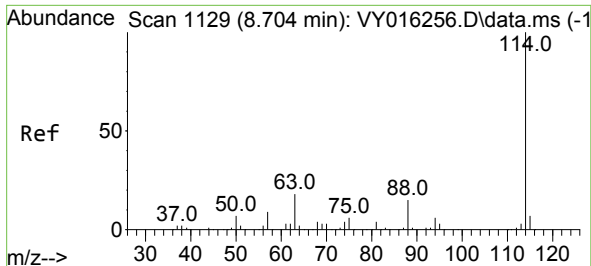
Tgt Ion: 56 Resp: 1948
Ion Ratio Lower Upper
56 100
69 140.8 27.8 41.6#
84 148.8 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 69.023 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.012 min
Lab File: VY016392.D
Acq: 16 Nov 2023 16:03

Tgt Ion: 65 Resp: 63404
Ion Ratio Lower Upper
65 100
67 51.9 0.0 101.8

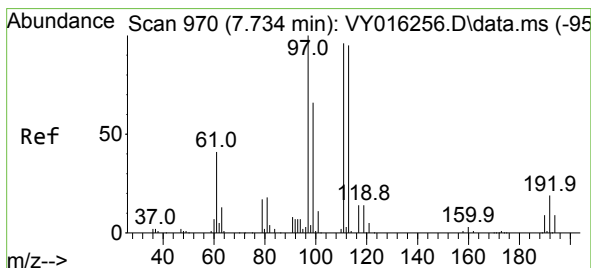
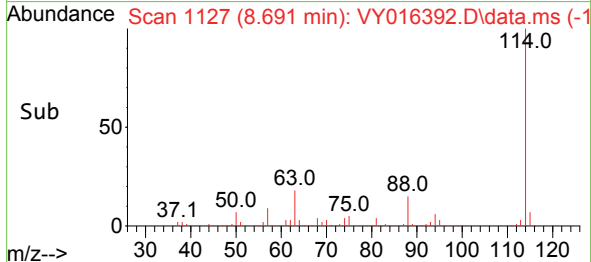
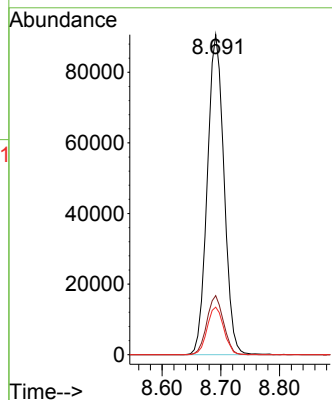
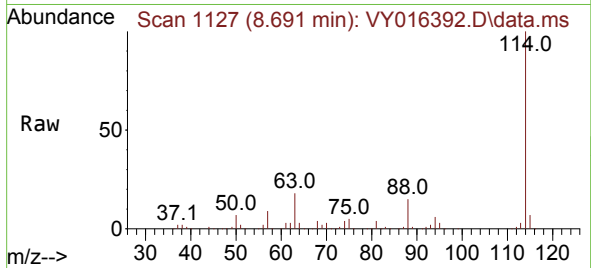




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.012 min
Lab File: VY016392.D
Acq: 16 Nov 2023 16:03

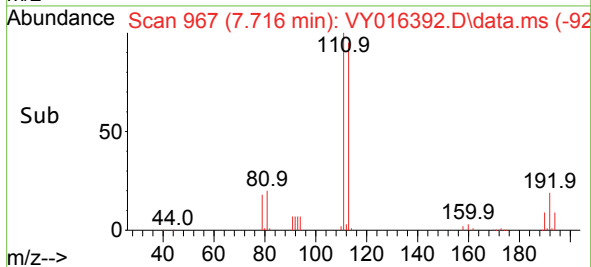
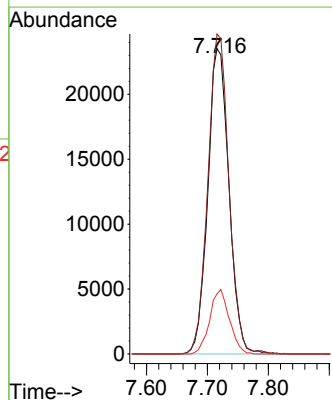
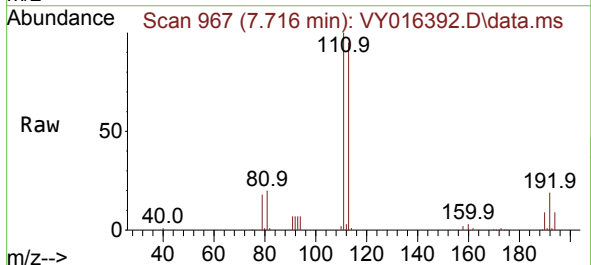
Instrument :
MSVOA_Y
ClientSampleId :

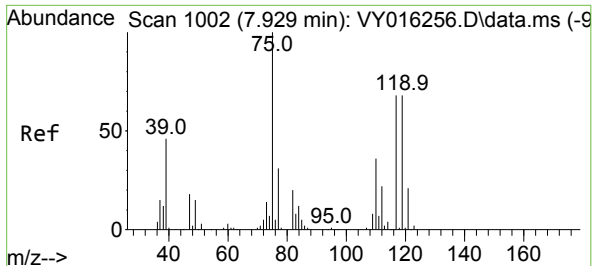
Tgt Ion:114 Resp: 178957
Ion Ratio Lower Upper
114 100
63 18.5 0.0 42.4
88 14.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 55.764 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.018 min
Lab File: VY016392.D
Acq: 16 Nov 2023 16:03

Tgt Ion:113 Resp: 56689
Ion Ratio Lower Upper
113 100
111 104.4 81.3 121.9
192 19.7 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.373 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.140 min

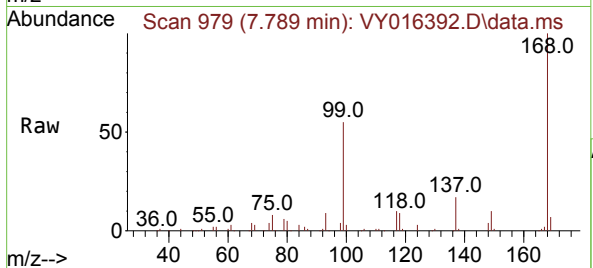
Lab File: VY016392.D

Acq: 16 Nov 2023 16:03

Instrument :

MSVOA_Y

ClientSampleId :



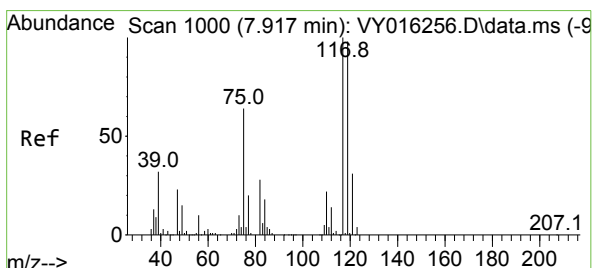
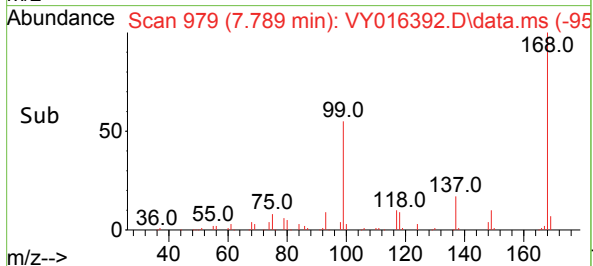
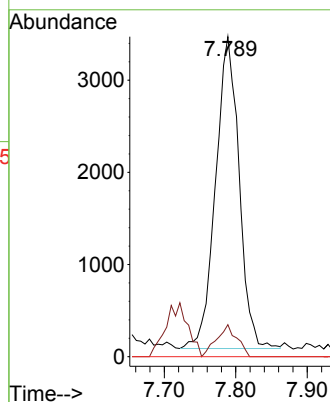
Tgt Ion: 75 Resp: 7719

Ion Ratio Lower Upper

75 100

110 8.8 17.8 53.5#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.562 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.128 min

Lab File: VY016392.D

Acq: 16 Nov 2023 16:03

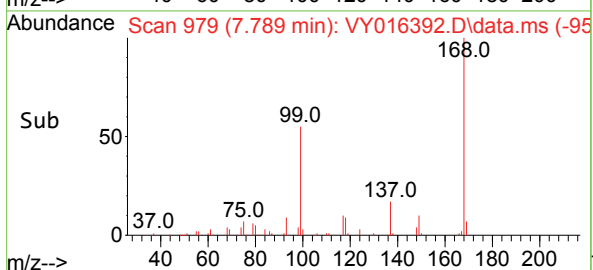
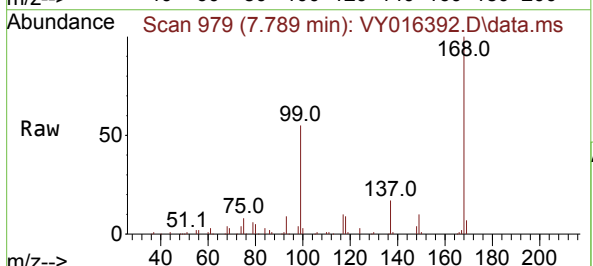
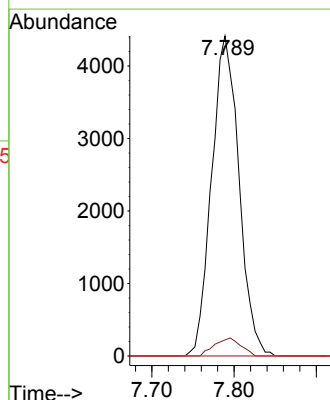
Tgt Ion: 117 Resp: 10190

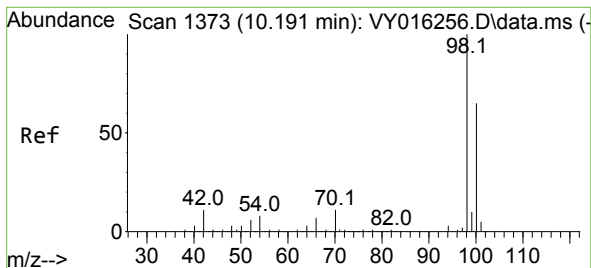
Ion Ratio Lower Upper

117 100

119 5.0 76.4 114.6#

121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 51.414 ug/l

RT: 10.185 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016392.D

Acq: 16 Nov 2023 16:03

Instrument :

MSVOA_Y

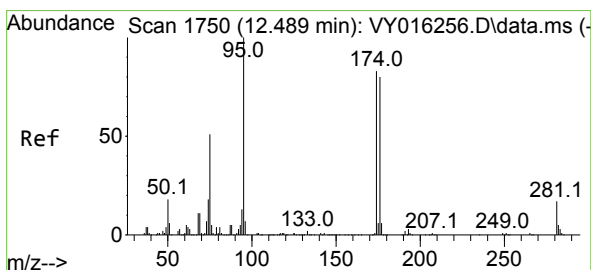
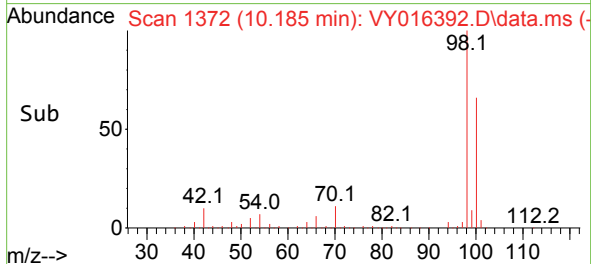
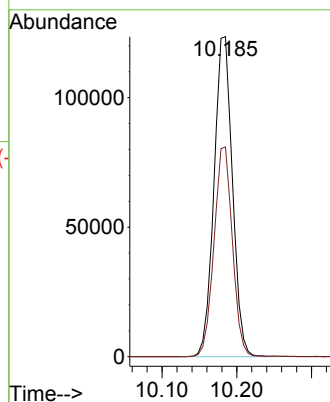
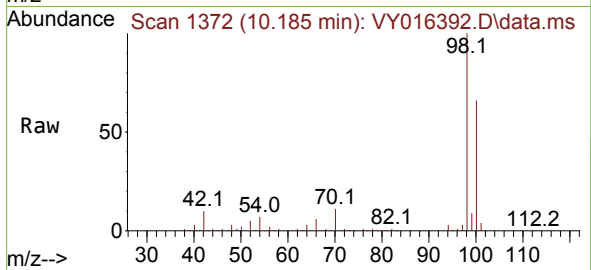
ClientSampleId :

Tgt Ion: 98 Resp: 211954

Ion Ratio Lower Upper

98 100

100 65.3 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 57.296 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VY016392.D

Acq: 16 Nov 2023 16:03

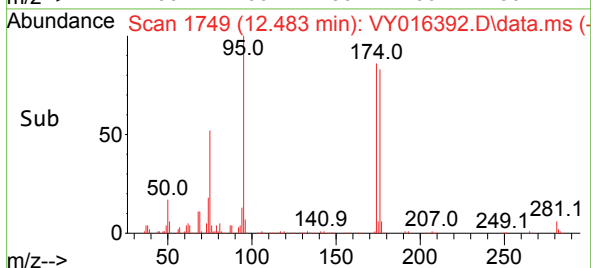
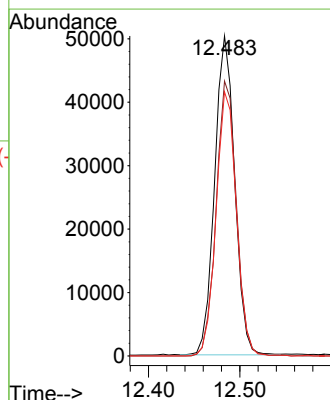
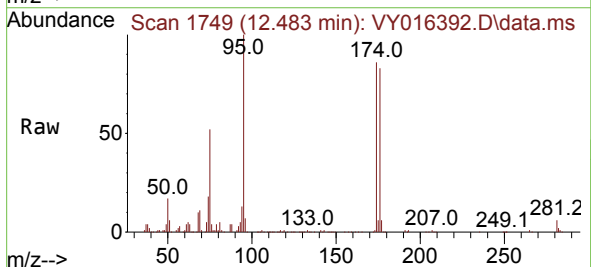
Tgt Ion: 95 Resp: 76715

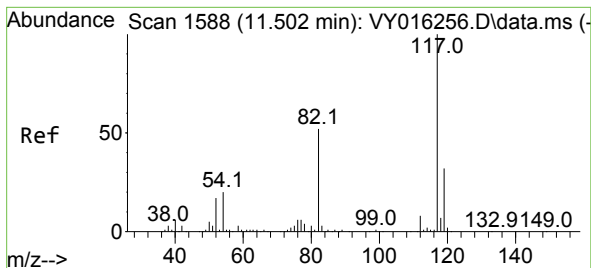
Ion Ratio Lower Upper

95 100

174 87.2 0.0 178.2

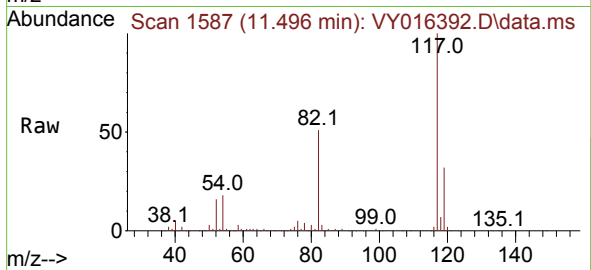
176 84.0 0.0 173.8



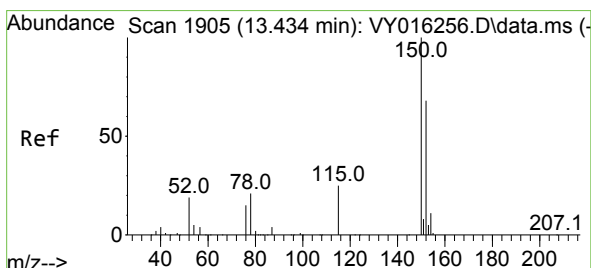
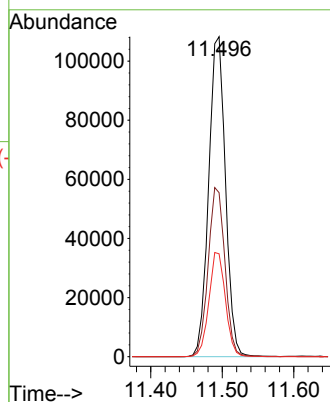
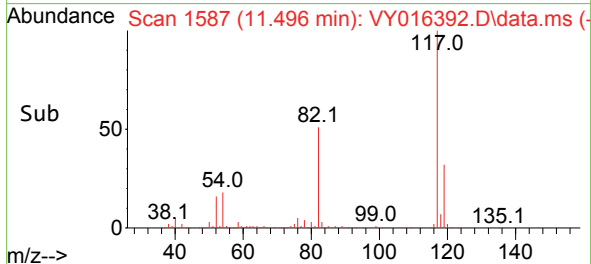


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016392.D
Acq: 16 Nov 2023 16:03

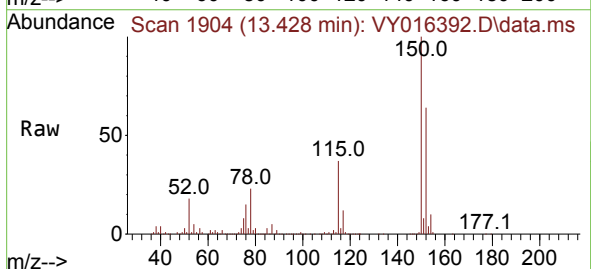
Instrument :
MSVOA_Y
ClientSampleId :



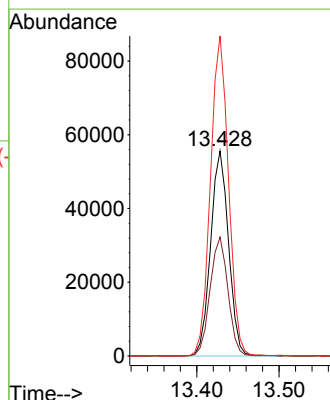
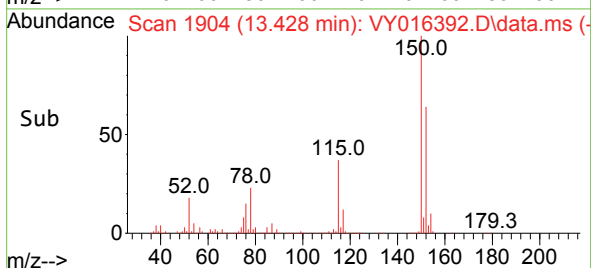
Tgt Ion:117 Resp: 176728
Ion Ratio Lower Upper
117 100
82 51.3 43.4 65.0
119 32.2 26.3 39.5

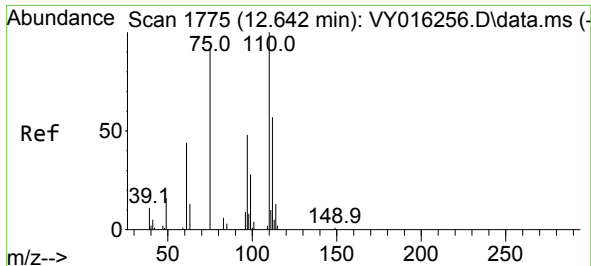


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY016392.D
Acq: 16 Nov 2023 16:03



Tgt Ion:152 Resp: 84265
Ion Ratio Lower Upper
152 100
115 57.9 28.8 86.5
150 156.9 0.0 348.8

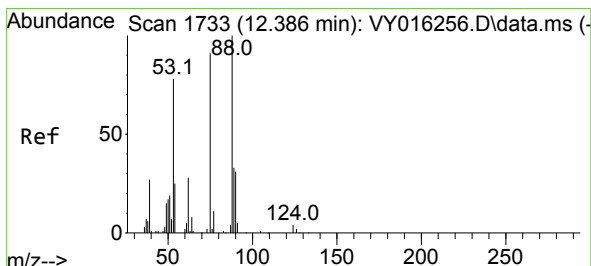
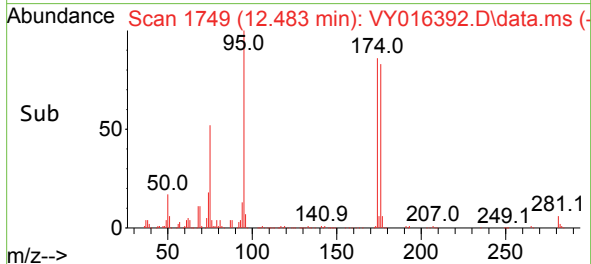
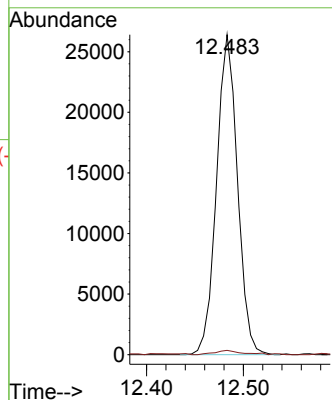
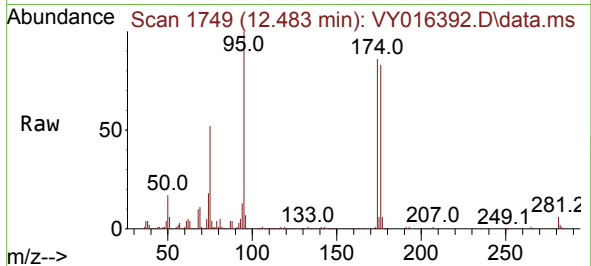




#76
1,2,3-Trichloropropane
Concen: 48.996 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.159 min
Lab File: VY016392.D
Acq: 16 Nov 2023 16:03

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 39606
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.351 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY016392.D
Acq: 16 Nov 2023 16:03

Tgt Ion: 75 Resp: 39606
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.2 37.4 56.0#

