

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121623\
 Data File : VY016664.D
 Acq On : 16 Dec 2023 11:03
 Operator : SY/MD
 Sample : VY1216SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 18 00:36:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121523S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 16 00:39:52 2023
 Response via : Initial Calibration

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

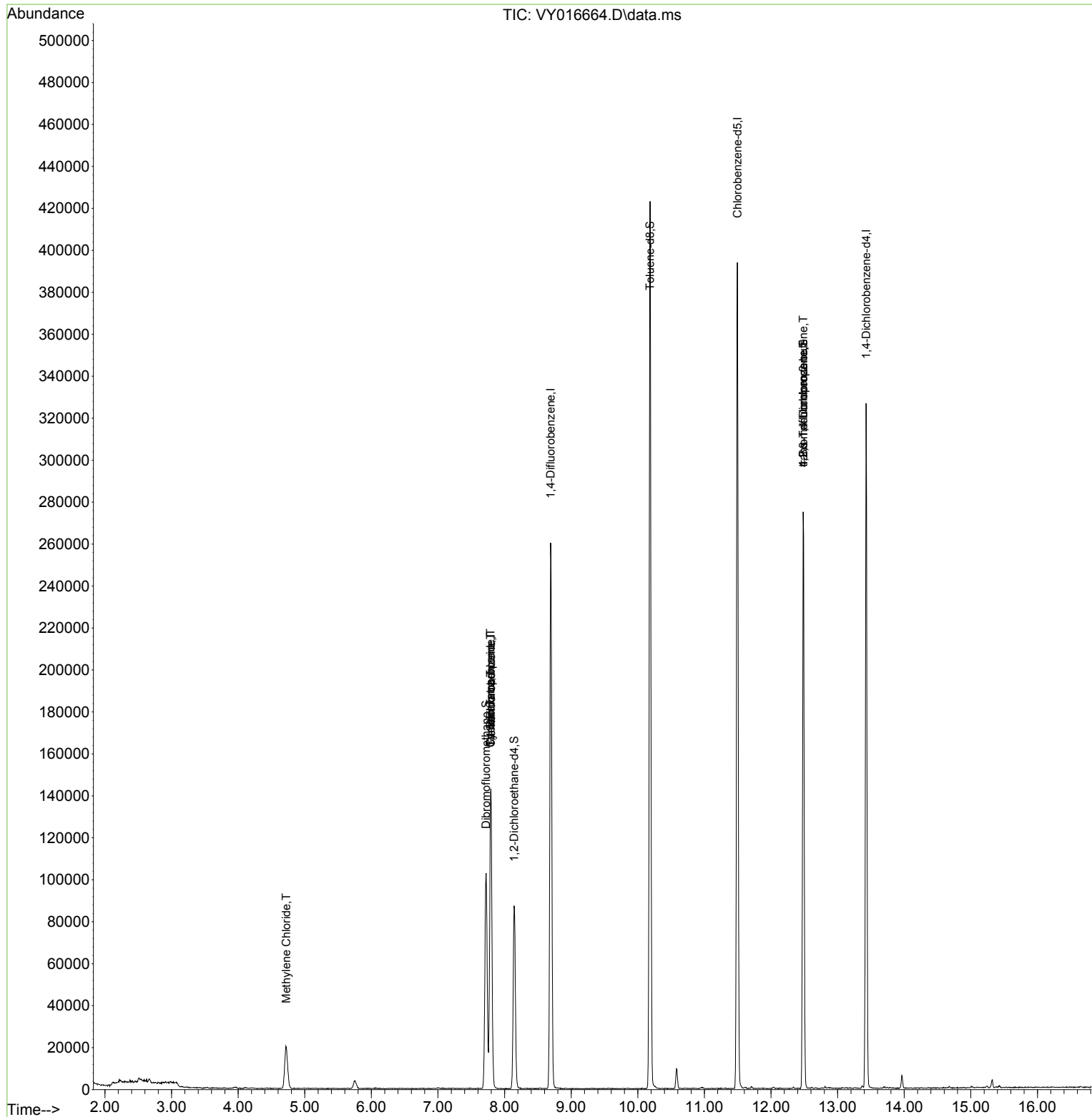
Internal Standards						
1) Pentafluorobenzene	7.795	168	118667	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	231152	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.496	117	223331	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	83342	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	68535	70.522	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 141.040%	
35) Dibromofluoromethane	7.722	113	75852	61.177	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 122.360%	
50) Toluene-d8	10.185	98	276878	56.364	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.720%	
62) 4-Bromofluorobenzene	12.483	95	82739	52.072	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.140%	
Target Compounds						
					Qvalue	
16) Acetone	3.967	43	1092	Below Cal		93
20) Methylene Chloride	4.722	84	15842	8.676	ug/l	90
25) 2-Butanone	7.003	43	63	Below Cal	#	49
31) Cyclohexane	7.789	56	2358	1.231	ug/l #	7
36) 1,1-Dichloropropene	7.789	75	8650	4.212	ug/l #	51
38) Carbon Tetrachloride	7.789	117	11136	5.399	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	43156	56.531	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	43156	129.186	ug/l #	11

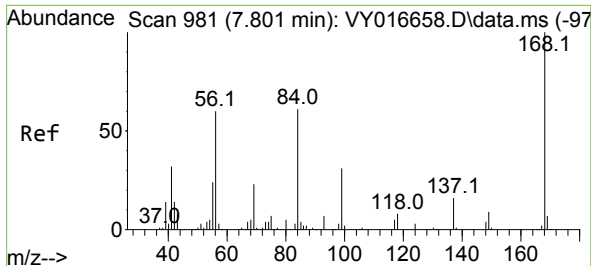
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121623\
Data File : VY016664.D
Acq On : 16 Dec 2023 11:03
Operator : SY/MD
Sample : VY1216SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Dec 18 00:36:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121523S.M
Quant Title : SW846 8260
QLast Update : Sat Dec 16 00:39:52 2023
Response via : Initial Calibration

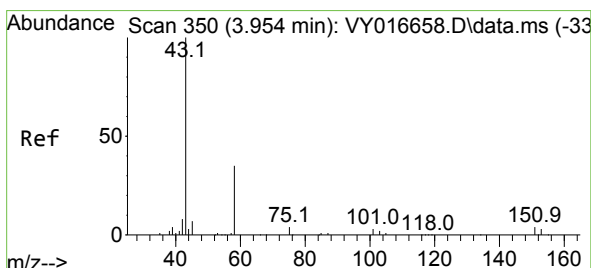
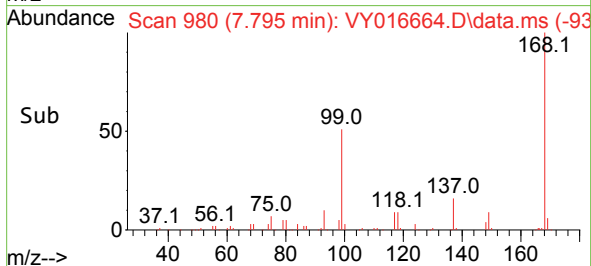
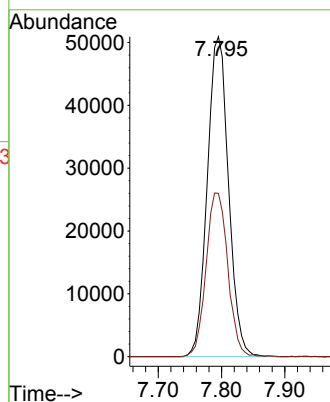
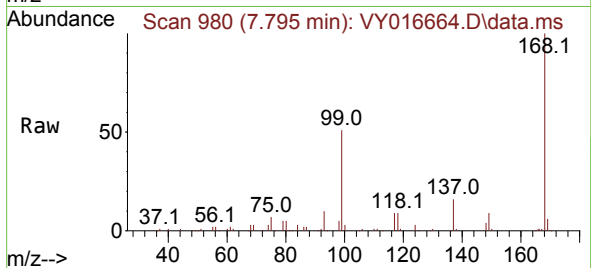




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016664.D
Acq: 16 Dec 2023 11:03

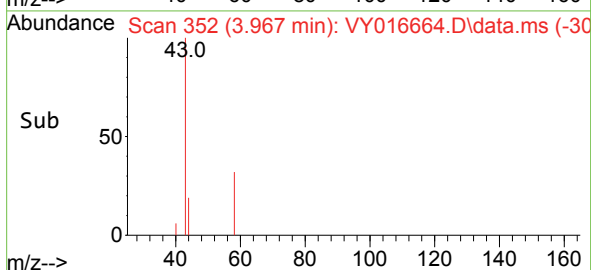
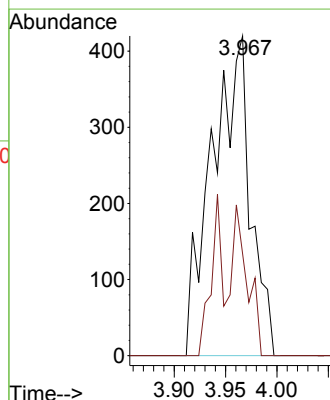
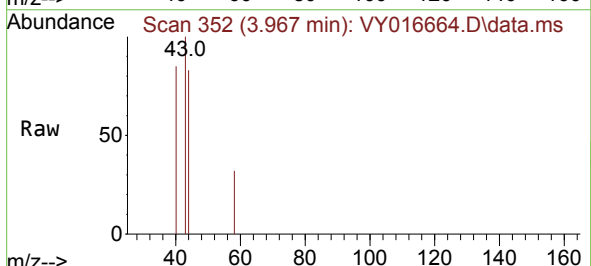
Instrument :
MSVOA_Y
ClientSampleId :

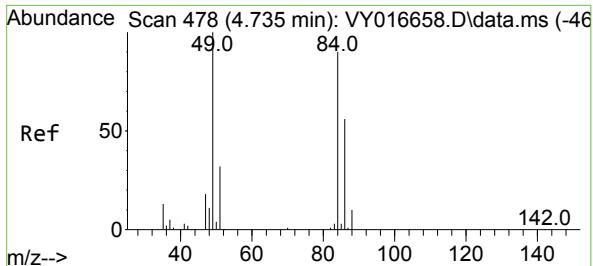
Tgt Ion:168 Resp: 118667
Ion Ratio Lower Upper
168 100
99 51.1 43.4 65.0



#16
Acetone
Concen: Below Cal
RT: 3.967 min Scan# 352
Delta R.T. 0.013 min
Lab File: VY016664.D
Acq: 16 Dec 2023 11:03

Tgt Ion: 43 Resp: 1092
Ion Ratio Lower Upper
43 100
58 31.9 22.7 34.1





#20

Methylene Chloride

Concen: 8.676 ug/l

RT: 4.722 min Scan# 41

Delta R.T. -0.013 min

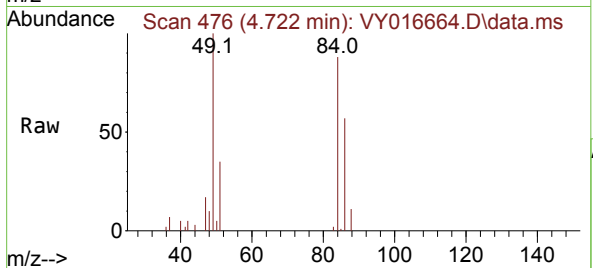
Lab File: VY016664.D

Acq: 16 Dec 2023 11:03

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 15842

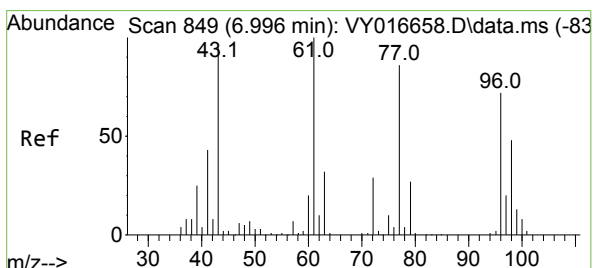
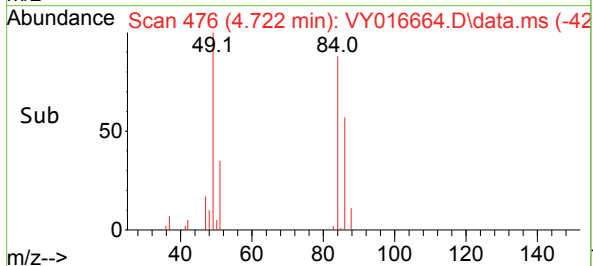
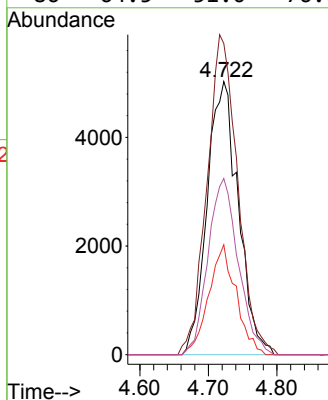
Ion Ratio Lower Upper

84 100

49 113.9 106.9 160.3

51 40.3 33.2 49.8

86 64.5 51.0 76.6



#25

2-Butanone

Concen: Below Cal

RT: 7.003 min Scan# 850

Delta R.T. 0.007 min

Lab File: VY016664.D

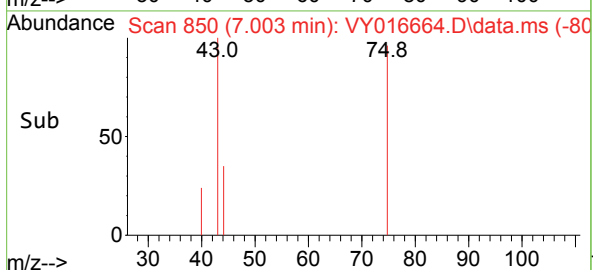
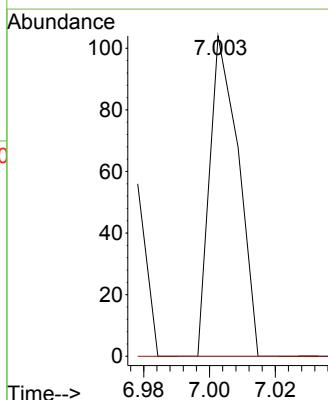
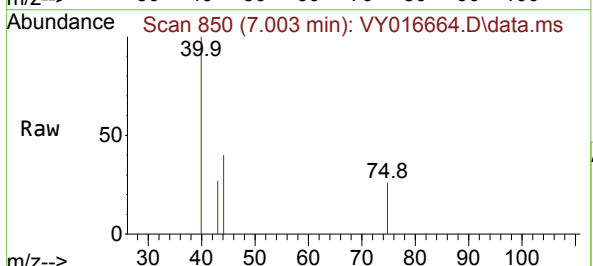
Acq: 16 Dec 2023 11:03

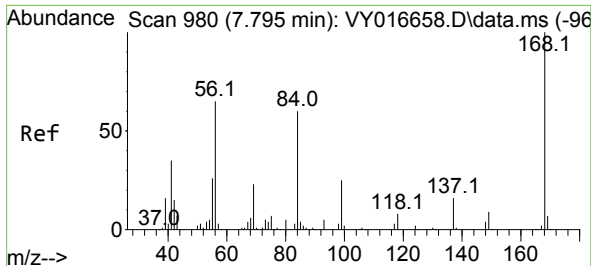
Tgt Ion: 43 Resp: 63

Ion Ratio Lower Upper

43 100

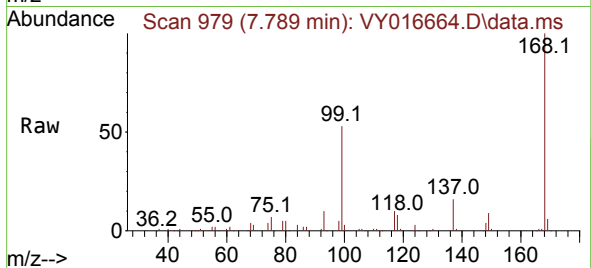
72 0.0 20.5 30.7#



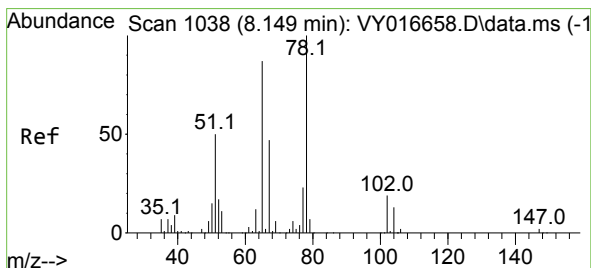
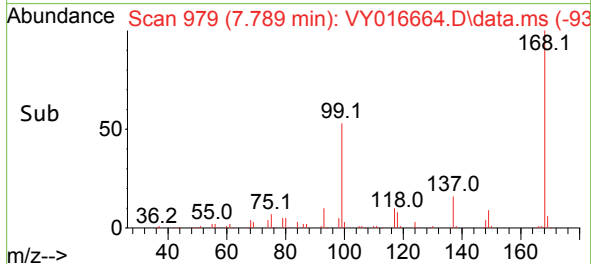
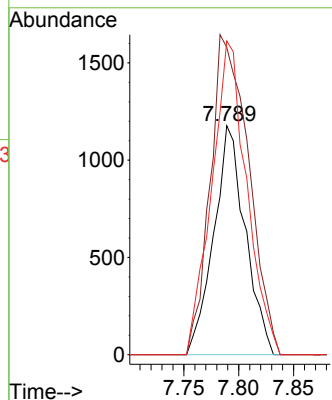


#31
Cyclohexane
Concen: 1.231 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016664.D
Acq: 16 Dec 2023 11:03

Instrument :
MSVOA_Y
ClientSampleId :

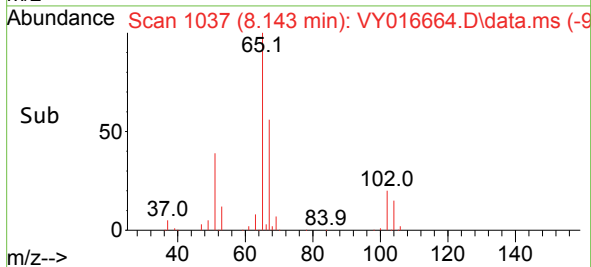
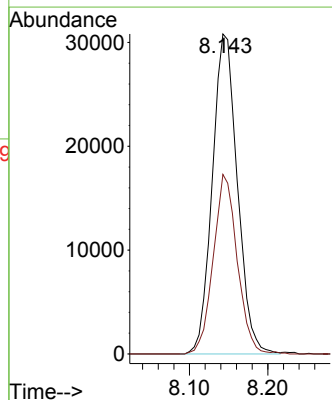
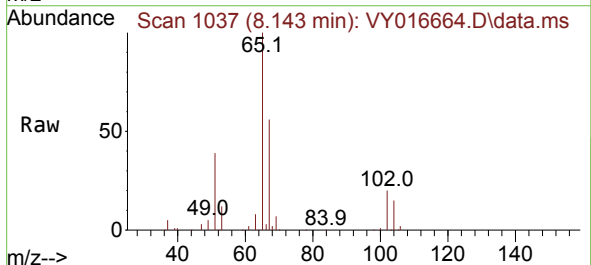


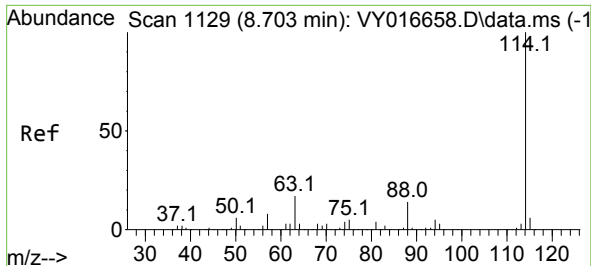
Tgt Ion: 56 Resp: 2358
Ion Ratio Lower Upper
56 100
69 134.2 27.8 41.6#
84 137.0 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 70.522 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY016664.D
Acq: 16 Dec 2023 11:03

Tgt Ion: 65 Resp: 68535
Ion Ratio Lower Upper
65 100
67 53.7 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: VY016664.D

Acq: 16 Dec 2023 11:03

Instrument :

MSVOA_Y

ClientSampleId :

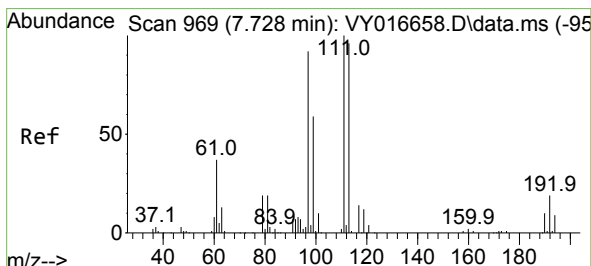
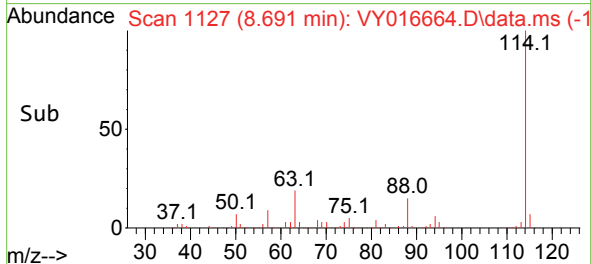
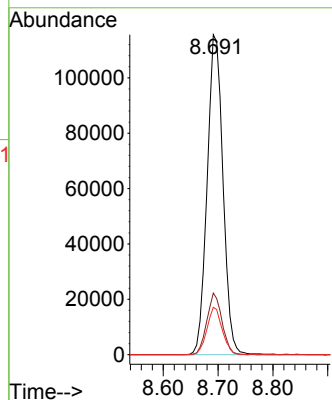
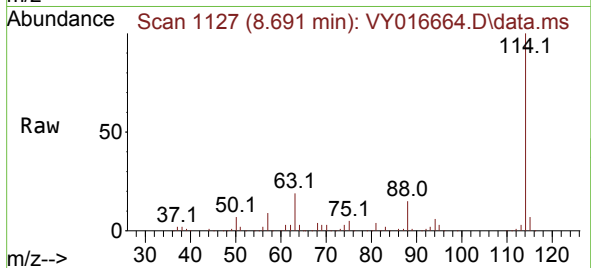
Tgt Ion:114 Resp: 231152

Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 14.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 61.177 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY016664.D

Acq: 16 Dec 2023 11:03

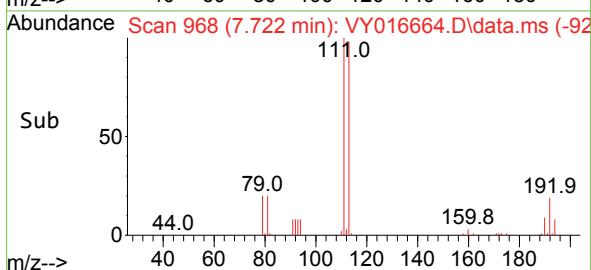
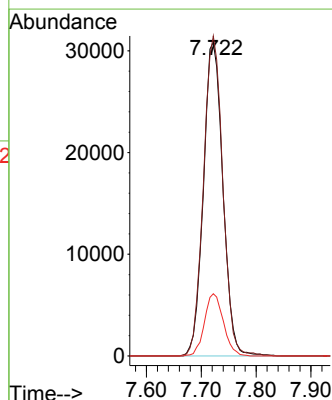
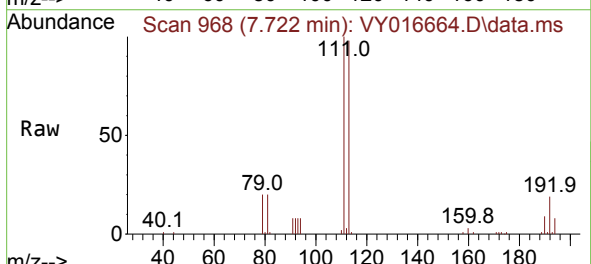
Tgt Ion:113 Resp: 75852

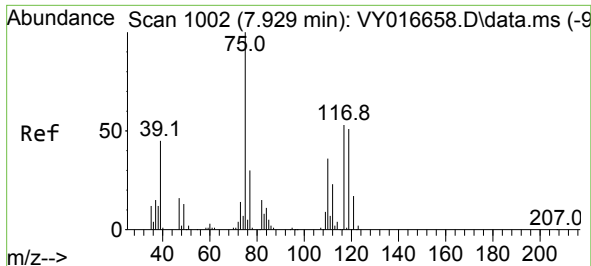
Ion Ratio Lower Upper

113 100

111 101.5 81.3 121.9

192 19.3 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.212 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.140 min

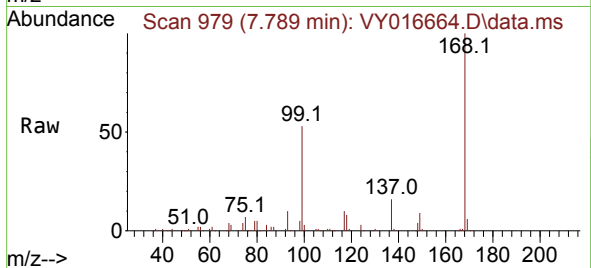
Lab File: VY016664.D

Acq: 16 Dec 2023 11:03

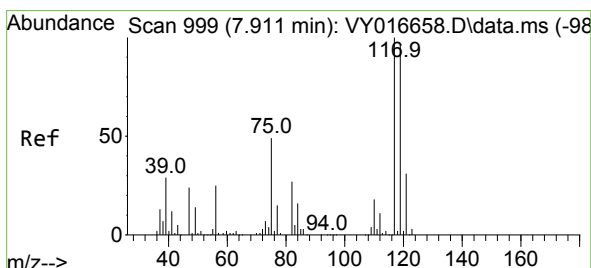
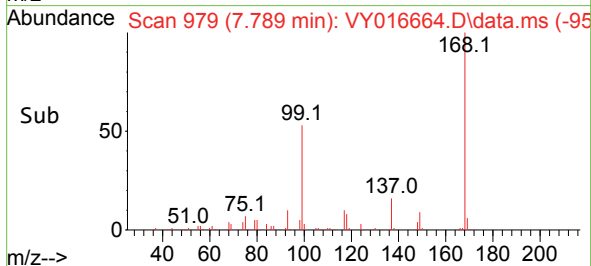
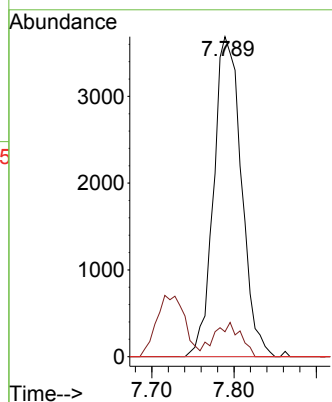
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 8650
Ion Ratio	Lower Upper
75	100
110	10.2 17.8 53.5#
77	0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.399 ug/l

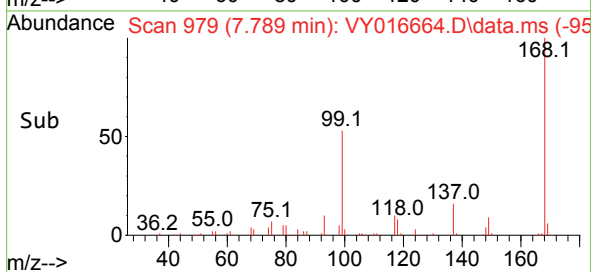
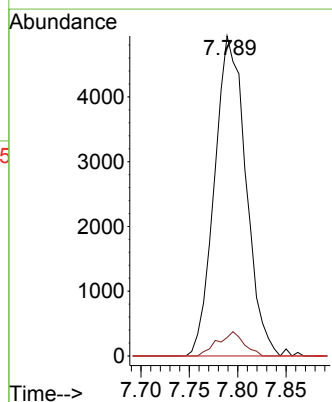
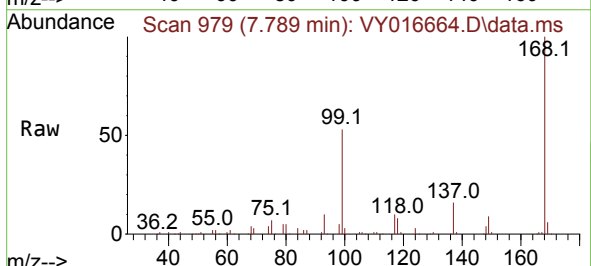
RT: 7.789 min Scan# 979

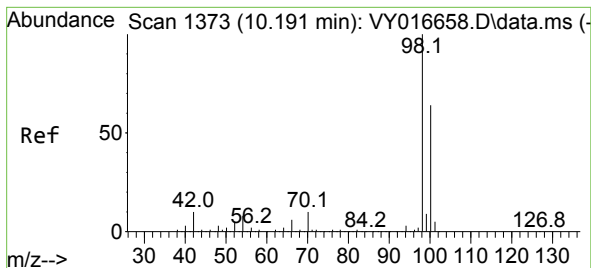
Delta R.T. -0.122 min

Lab File: VY016664.D

Acq: 16 Dec 2023 11:03

Tgt Ion: 117	Resp: 11136
Ion Ratio	Lower Upper
117	100
119	5.8 76.4 114.6#
121	0.0 25.8 38.6#





#50

Toluene-d8

Concen: 56.364 ug/l

RT: 10.185 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016664.D

Acq: 16 Dec 2023 11:03

Instrument :

MSVOA_Y

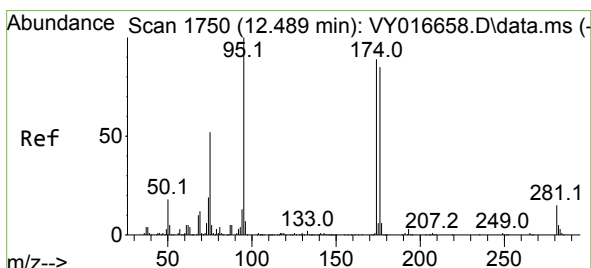
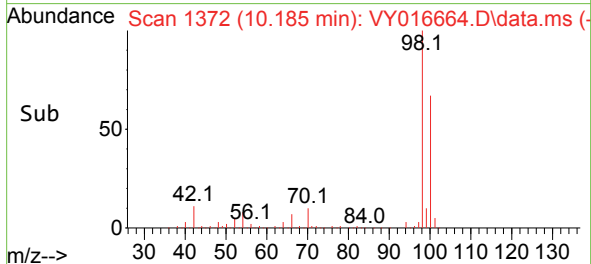
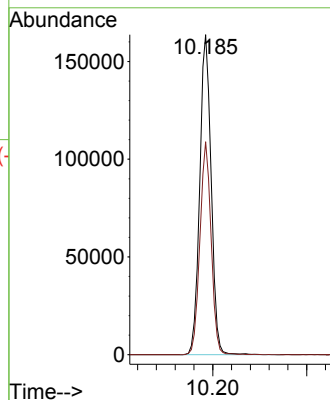
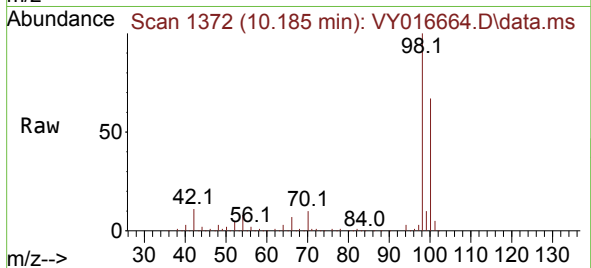
ClientSampleId :

Tgt Ion: 98 Resp: 276878

Ion Ratio Lower Upper

98 100

100 65.3 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 52.072 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VY016664.D

Acq: 16 Dec 2023 11:03

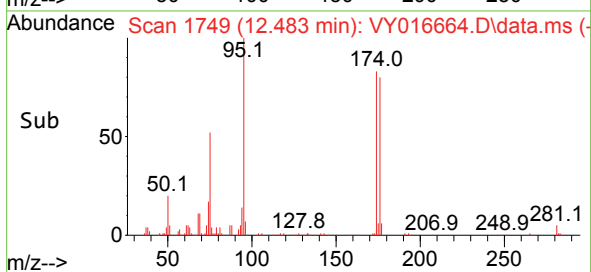
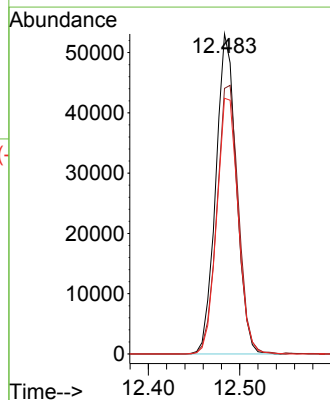
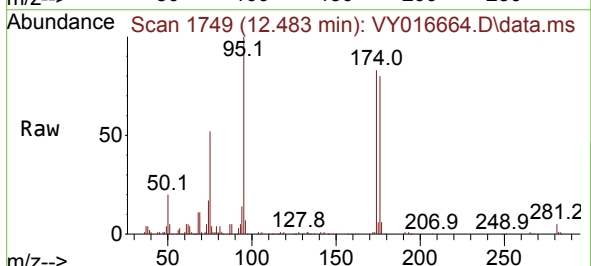
Tgt Ion: 95 Resp: 82739

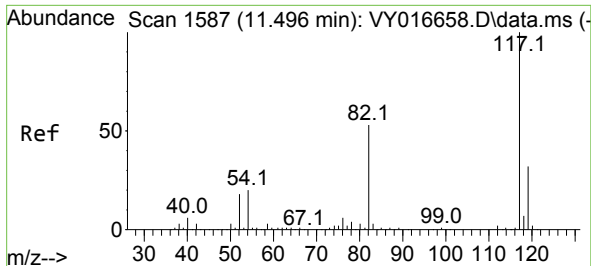
Ion Ratio Lower Upper

95 100

174 88.4 0.0 178.2

176 83.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016664.D

Acq: 16 Dec 2023 11:03

Instrument :

MSVOA_Y

ClientSampleId :

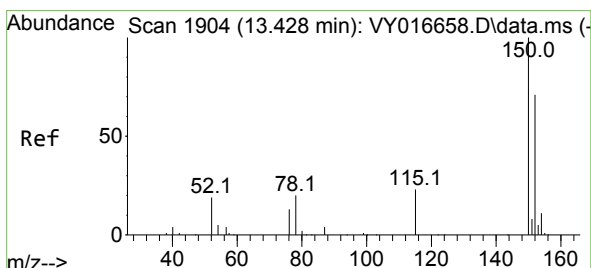
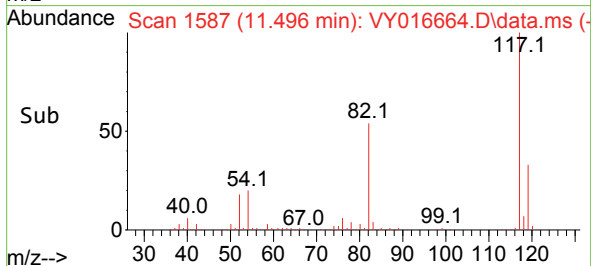
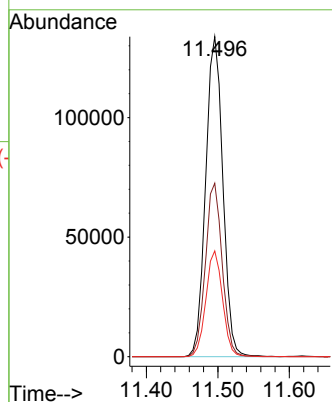
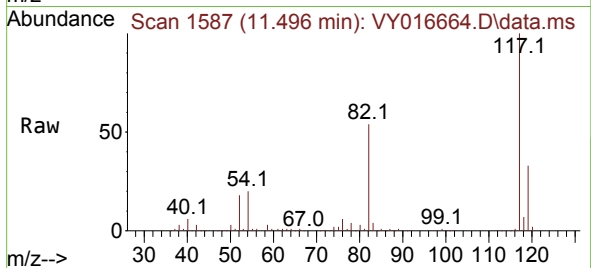
Tgt Ion:117 Resp: 223331

Ion Ratio Lower Upper

117 100

82 54.2 43.4 65.0

119 33.1 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY016664.D

Acq: 16 Dec 2023 11:03

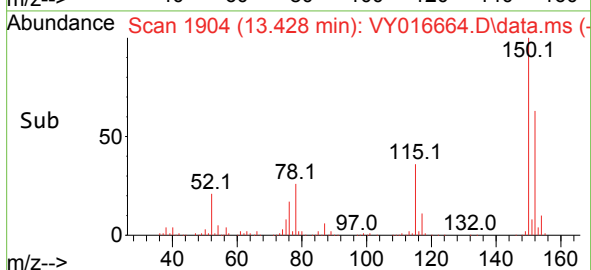
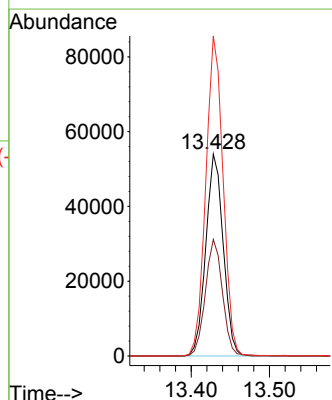
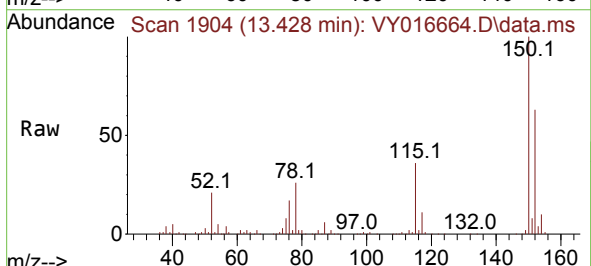
Tgt Ion:152 Resp: 83342

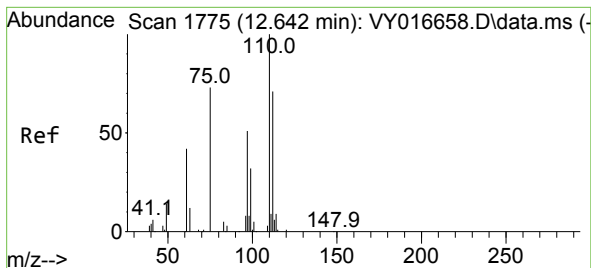
Ion Ratio Lower Upper

152 100

115 56.5 28.8 86.5

150 157.1 0.0 348.8





#76

1,2,3-Trichloropropane

Concen: 56.531 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.158 min

Lab File: VY016664.D

Acq: 16 Dec 2023 11:03

Instrument :

MSVOA_Y

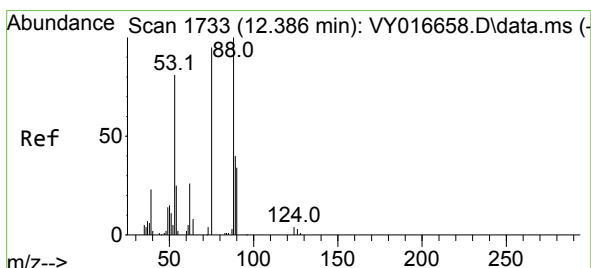
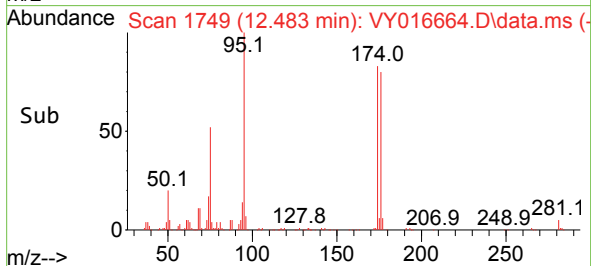
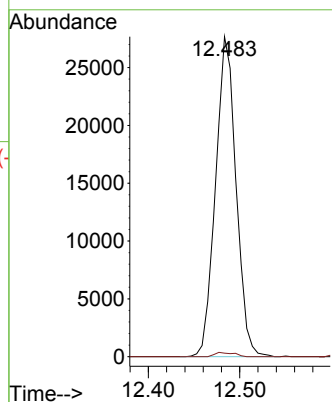
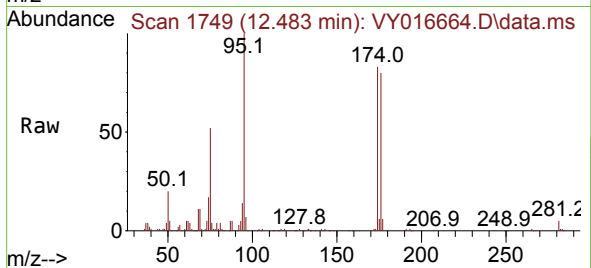
ClientSampleId :

Tgt Ion: 75 Resp: 43156

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 129.186 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.098 min

Lab File: VY016664.D

Acq: 16 Dec 2023 11:03

Tgt Ion: 75 Resp: 43156

Ion Ratio Lower Upper

75 100

53 0.0 77.8 116.8#

89 0.1 37.4 56.0#

