

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112823\
 Data File : VY016515.D
 Acq On : 28 Nov 2023 13:03
 Operator : SY/MD
 Sample : 05553-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 29 03:07:27 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)

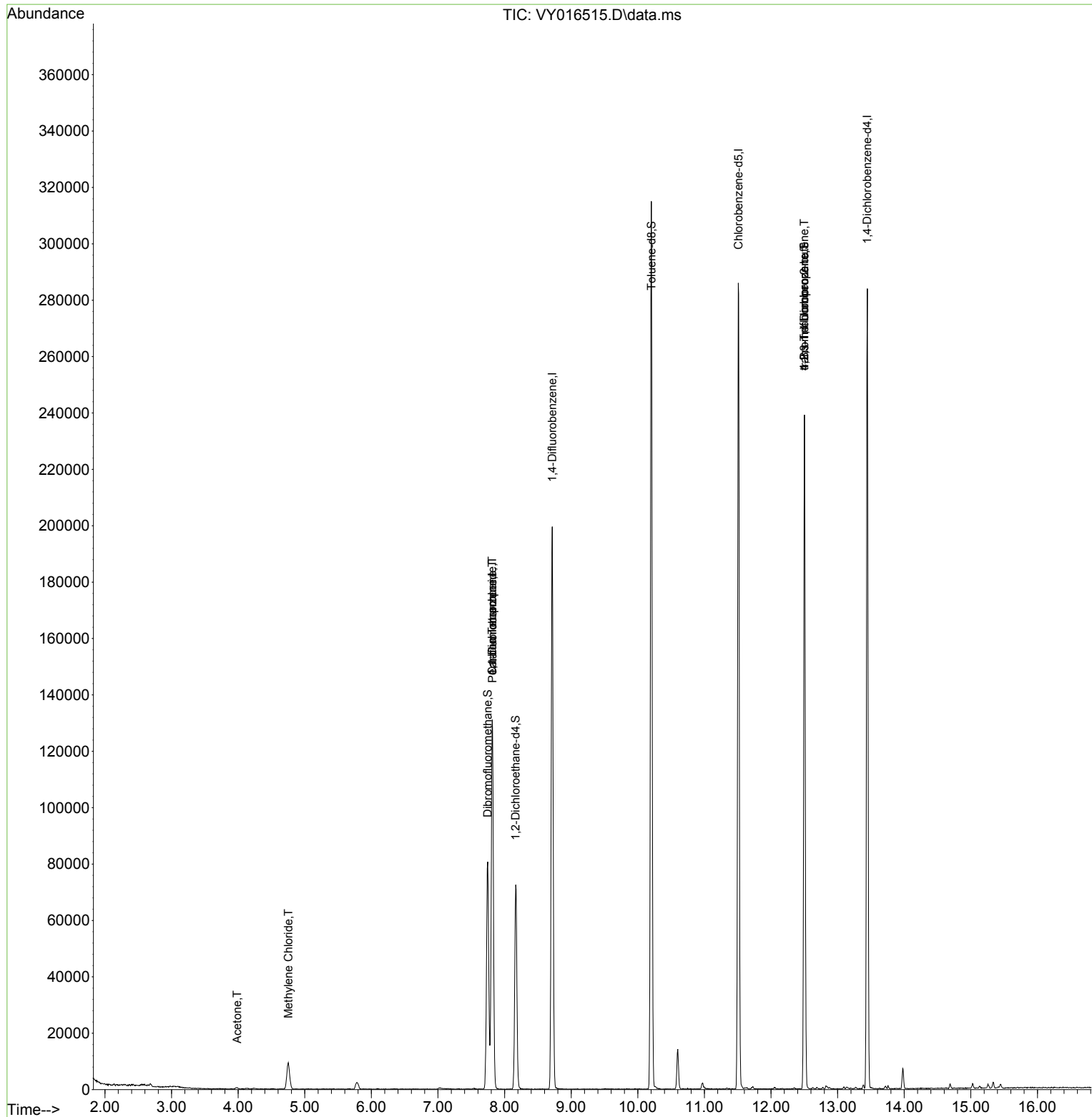
Internal Standards						
1) Pentafluorobenzene	7.819	168	108002	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	184981	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	176335	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	77729	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	59452	60.229	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.460%	
35) Dibromofluoromethane	7.746	113	58698	55.860	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.720%	
50) Toluene-d8	10.203	98	214388	50.311	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.620%	
62) 4-Bromofluorobenzene	12.502	95	72633	52.481	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.960%	
Target Compounds						
					Qvalue	
16) Acetone	3.985	43	730	4.471	ug/l #	83
20) Methylene Chloride	4.753	84	7889	3.610	ug/l #	78
36) 1,1-Dichloropropene	7.813	75	7064	3.871	ug/l #	52
38) Carbon Tetrachloride	7.813	117	10336	5.458	ug/l #	16
76) 1,2,3-Trichloropropane	12.502	75	35210	47.221	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.502	75	35210	102.497	ug/l #	10

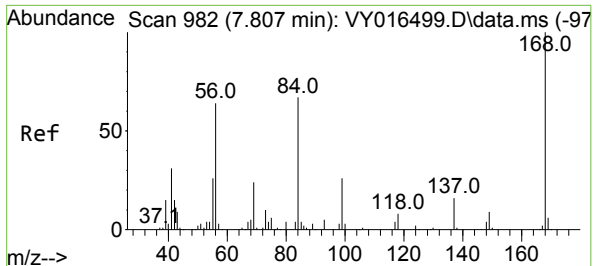
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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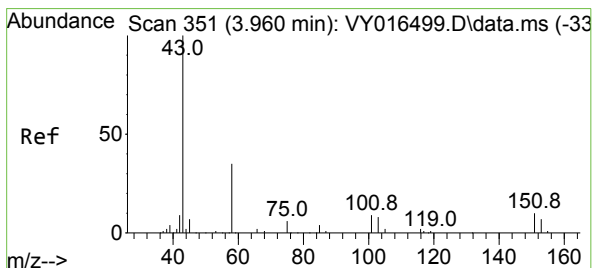
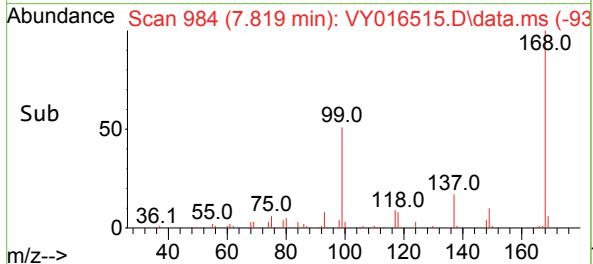
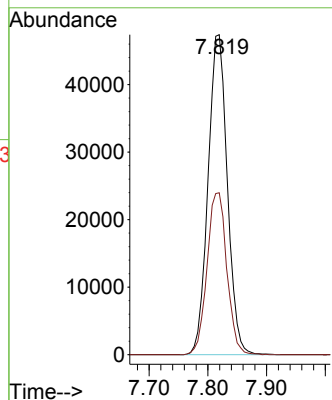
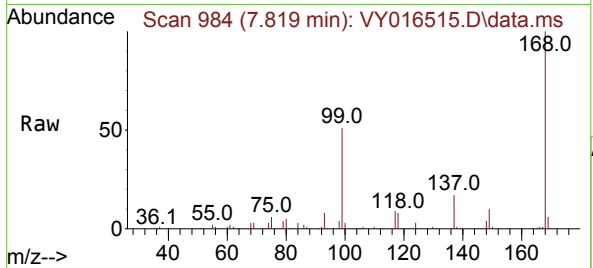




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY016515.D
Acq: 28 Nov 2023 13:03

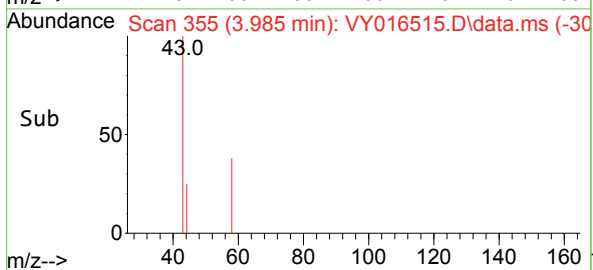
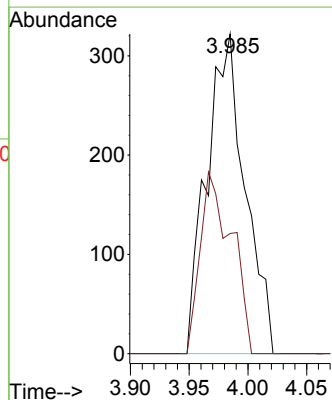
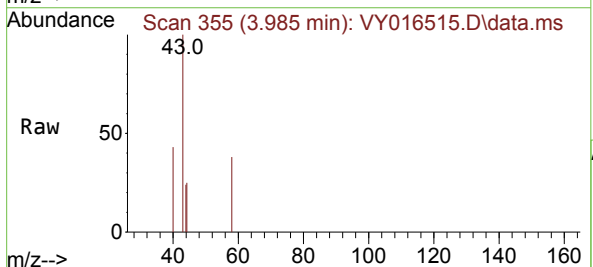
Instrument :
MSVOA_Y
ClientSampleId :

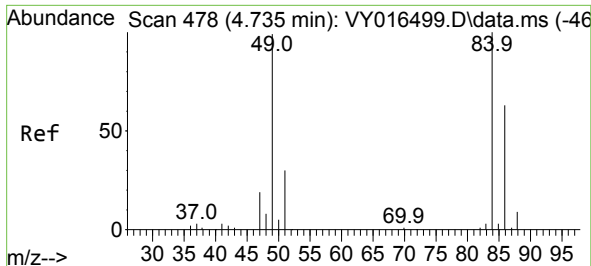
Tgt Ion:168 Resp: 108002
Ion Ratio Lower Upper
168 100
99 50.6 43.4 65.0



#16
Acetone
Concen: 4.471 ug/l
RT: 3.985 min Scan# 355
Delta R.T. 0.024 min
Lab File: VY016515.D
Acq: 28 Nov 2023 13:03

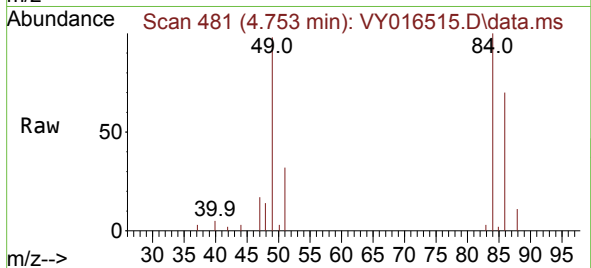
Tgt Ion: 43 Resp: 730
Ion Ratio Lower Upper
43 100
58 37.6 22.7 34.1#



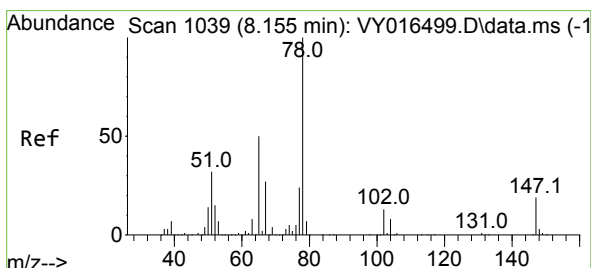
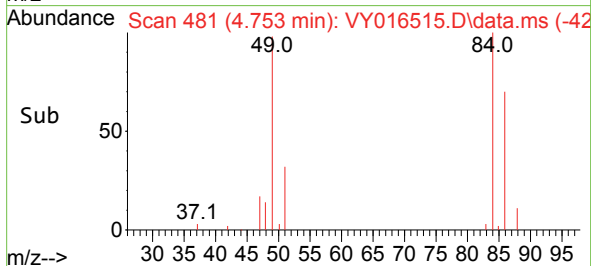
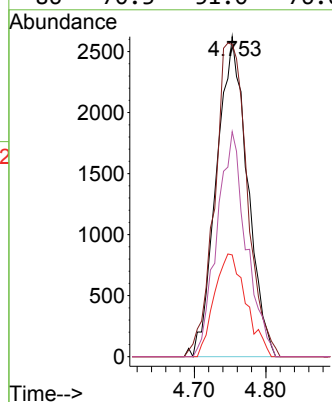


#20
Methylene Chloride
Concen: 3.610 ug/l
RT: 4.753 min Scan# 41
Delta R.T. 0.024 min
Lab File: VY016515.D
Acq: 28 Nov 2023 13:03

Instrument :
MSVOA_Y
ClientSampleId :

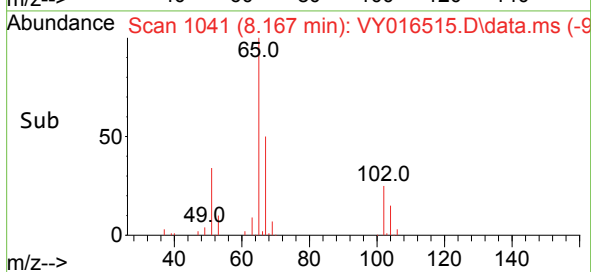
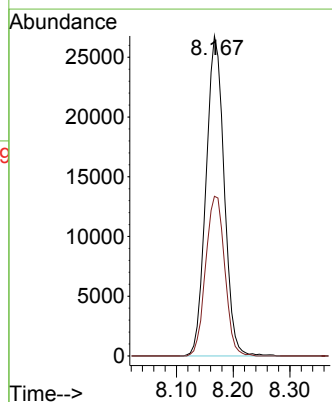
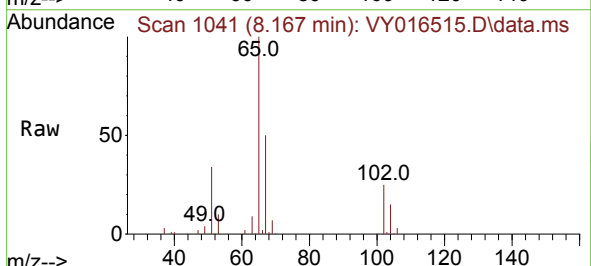


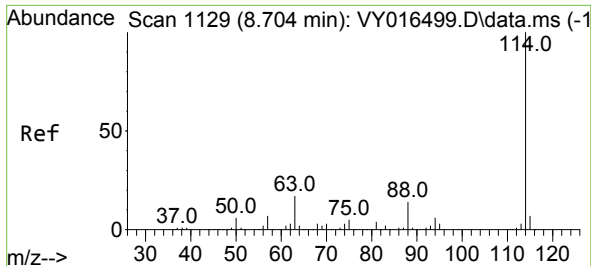
Tgt Ion: 84 Resp: 7889
Ion Ratio Lower Upper
84 100
49 97.6 106.9 160.3#
51 31.8 33.2 49.8#
86 70.3 51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 60.229 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.012 min
Lab File: VY016515.D
Acq: 28 Nov 2023 13:03

Tgt Ion: 65 Resp: 59452
Ion Ratio Lower Upper
65 100
67 52.5 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016515.D

Acq: 28 Nov 2023 13:03

Instrument :

MSVOA_Y

ClientSampleId :

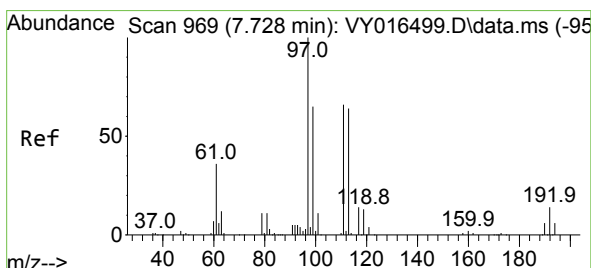
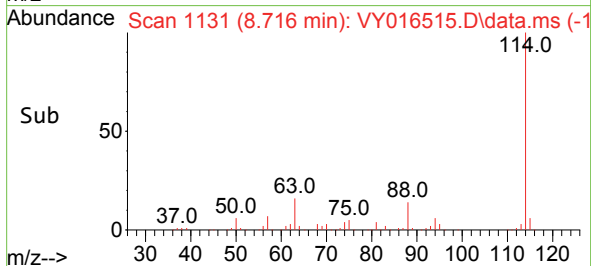
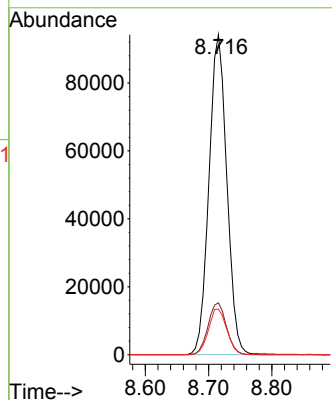
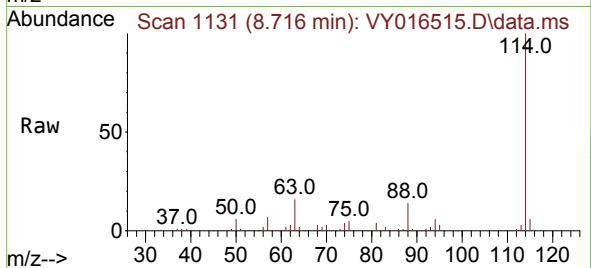
Tgt Ion:114 Resp: 184981

Ion Ratio Lower Upper

114 100

63 16.2 0.0 42.4

88 14.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.860 ug/l

RT: 7.746 min Scan# 972

Delta R.T. 0.012 min

Lab File: VY016515.D

Acq: 28 Nov 2023 13:03

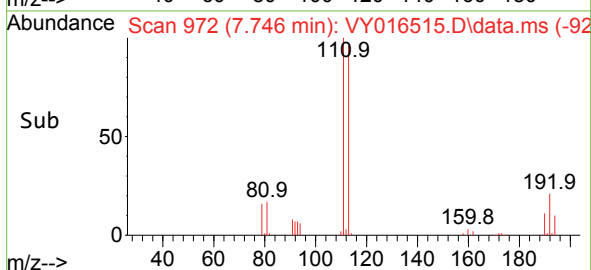
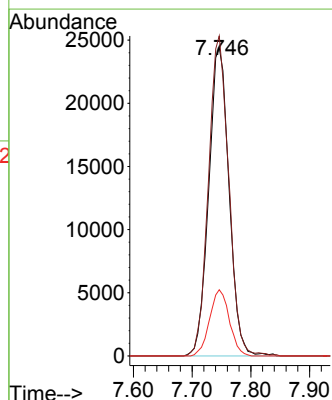
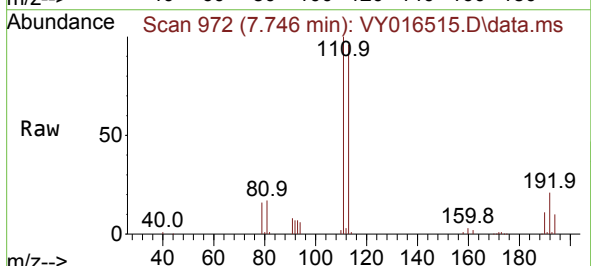
Tgt Ion:113 Resp: 58698

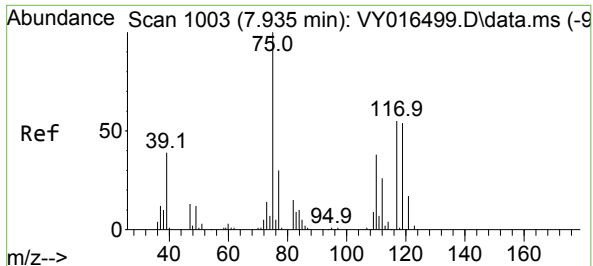
Ion Ratio Lower Upper

113 100

111 103.4 81.3 121.9

192 20.8 16.9 25.3





#36

1,1-Dichloropropene

Concen: 3.871 ug/l

RT: 7.813 min Scan# 983

Delta R.T. -0.116 min

Lab File: VY016515.D

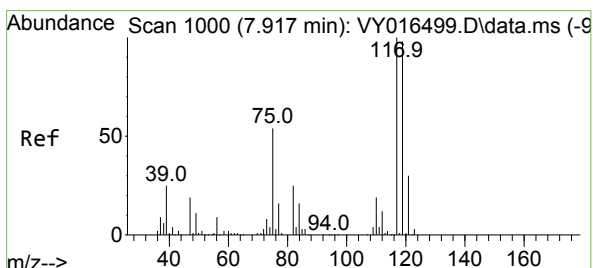
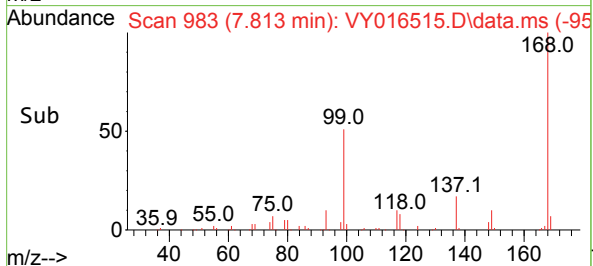
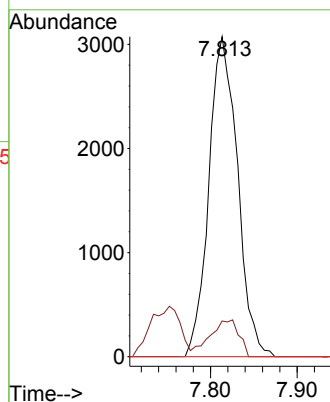
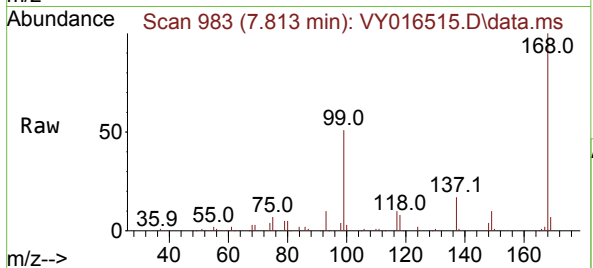
Acq: 28 Nov 2023 13:03

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 75	Resp: 7064
Ion Ratio	Lower Upper
75 100	
110 11.1	17.8 53.5#
77 0.0	24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.458 ug/l

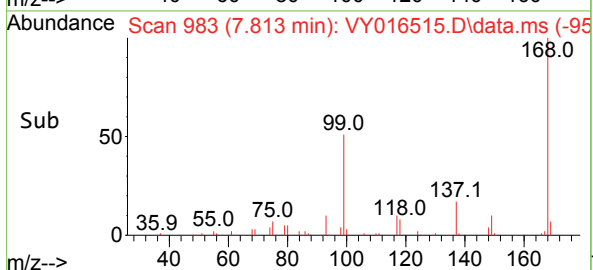
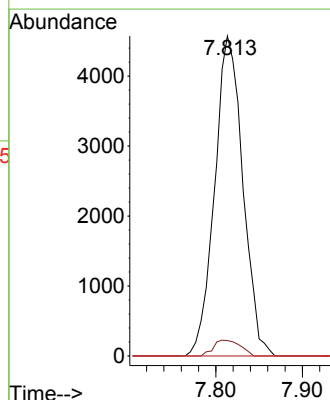
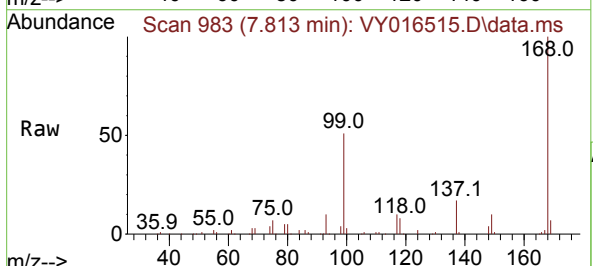
RT: 7.813 min Scan# 983

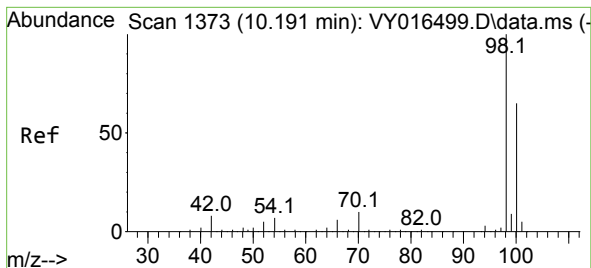
Delta R.T. -0.104 min

Lab File: VY016515.D

Acq: 28 Nov 2023 13:03

Tgt Ion: 117	Resp: 10336
Ion Ratio	Lower Upper
117 100	
119 4.8	76.4 114.6#
121 0.0	25.8 38.6#





#50

Toluene-d8

Concen: 50.311 ug/l

RT: 10.203 min Scan# 1375

Delta R.T. 0.012 min

Lab File: VY016515.D

Acq: 28 Nov 2023 13:03

Instrument :

MSVOA_Y

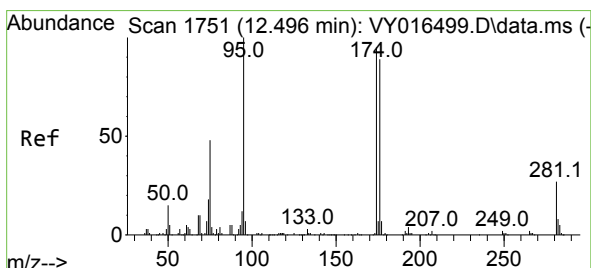
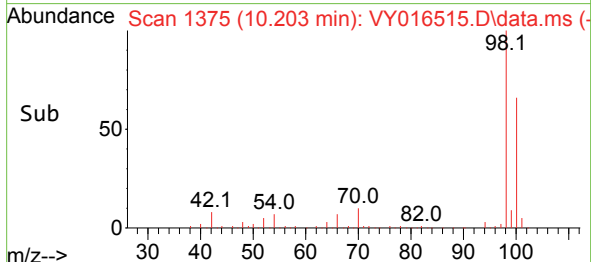
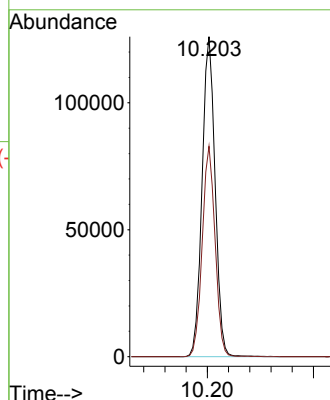
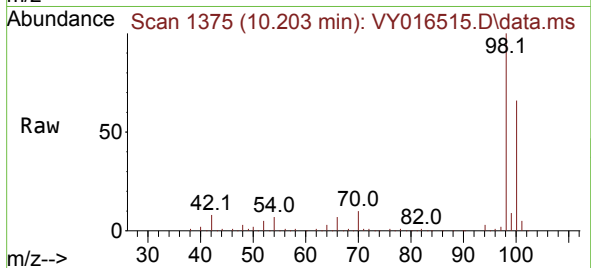
ClientSampleId :

Tgt Ion: 98 Resp: 214388

Ion Ratio Lower Upper

98 100

100 65.0 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 52.481 ug/l

RT: 12.502 min Scan# 1752

Delta R.T. 0.012 min

Lab File: VY016515.D

Acq: 28 Nov 2023 13:03

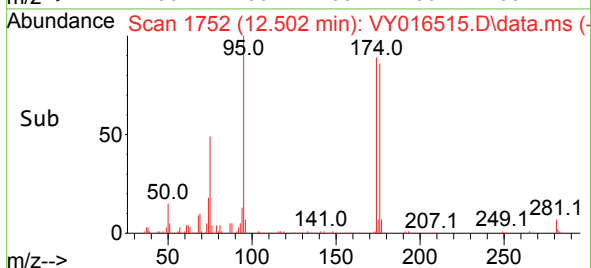
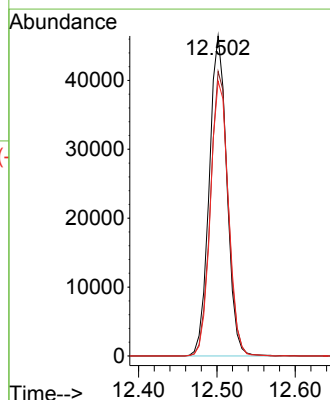
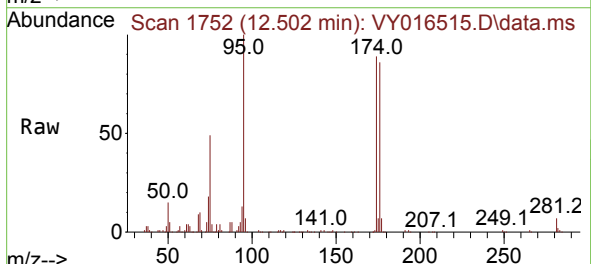
Tgt Ion: 95 Resp: 72633

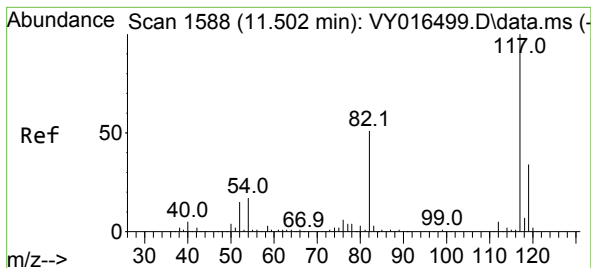
Ion Ratio Lower Upper

95 100

174 89.5 0.0 178.2

176 87.7 0.0 173.8

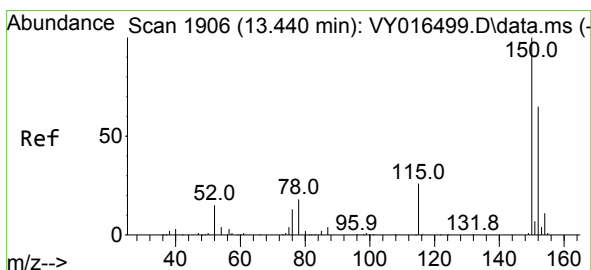
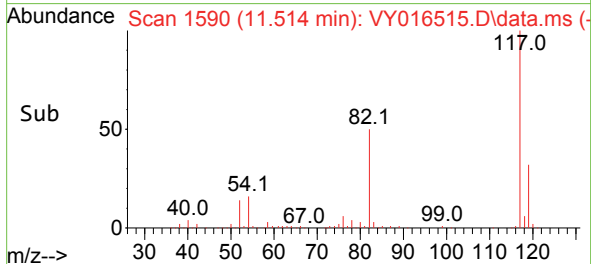
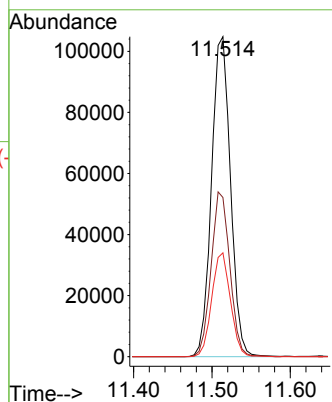
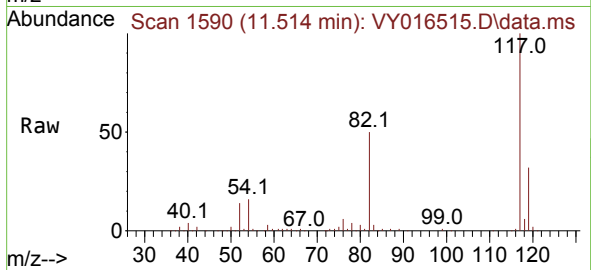




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016515.D
Acq: 28 Nov 2023 13:03

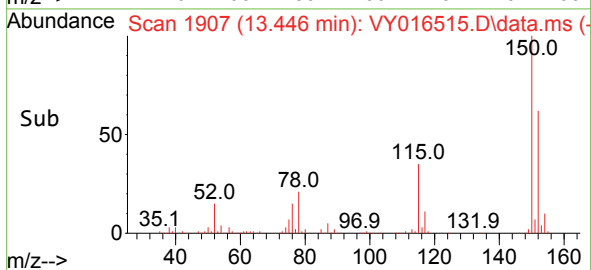
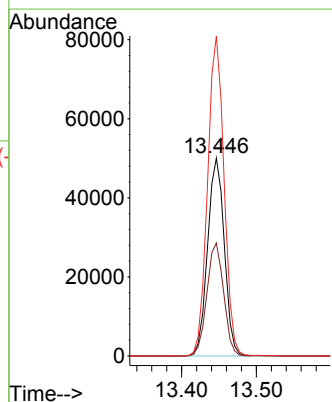
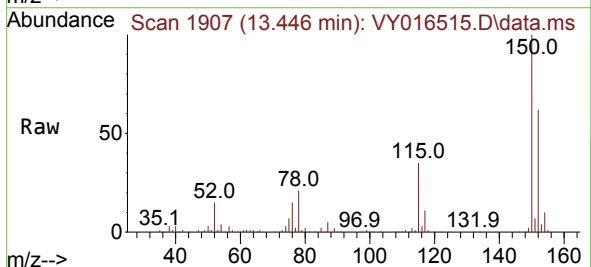
Instrument :
MSVOA_Y
ClientSampleId :

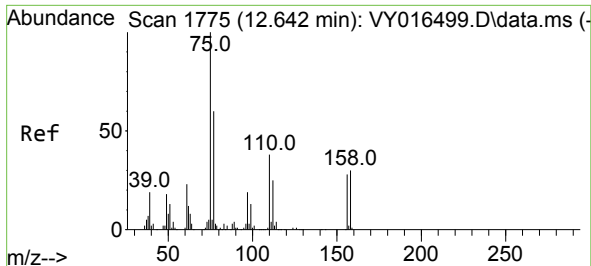
Tgt Ion:117 Resp: 176335
Ion Ratio Lower Upper
117 100
82 49.8 43.4 65.0
119 32.4 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.012 min
Lab File: VY016515.D
Acq: 28 Nov 2023 13:03

Tgt Ion:152 Resp: 77729
Ion Ratio Lower Upper
152 100
115 57.2 28.8 86.5
150 159.2 0.0 348.8

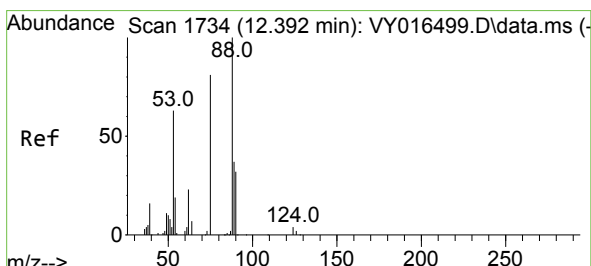
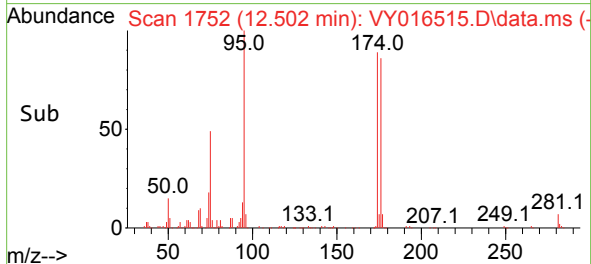
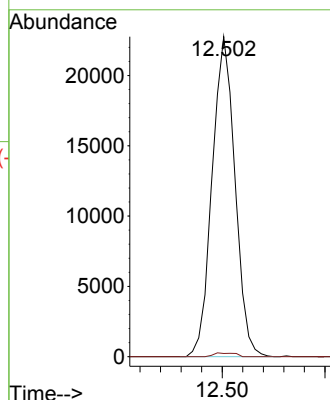
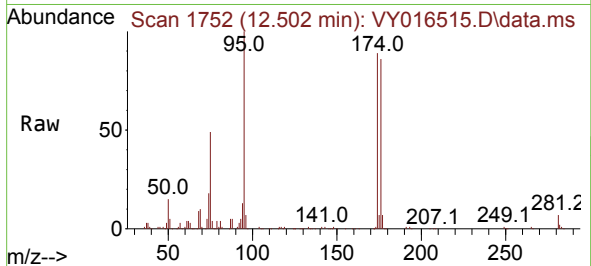




#76
1,2,3-Trichloropropane
Concen: 47.221 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. -0.140 min
Lab File: VY016515.D
Acq: 28 Nov 2023 13:03

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 35210
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 102.497 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. 0.116 min
Lab File: VY016515.D
Acq: 28 Nov 2023 13:03

Tgt Ion: 75 Resp: 35210
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

