

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112823\
 Data File : VY016522.D
 Acq On : 28 Nov 2023 16:03
 Operator : SY/MD
 Sample : 05560-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 29 03:09:36 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)

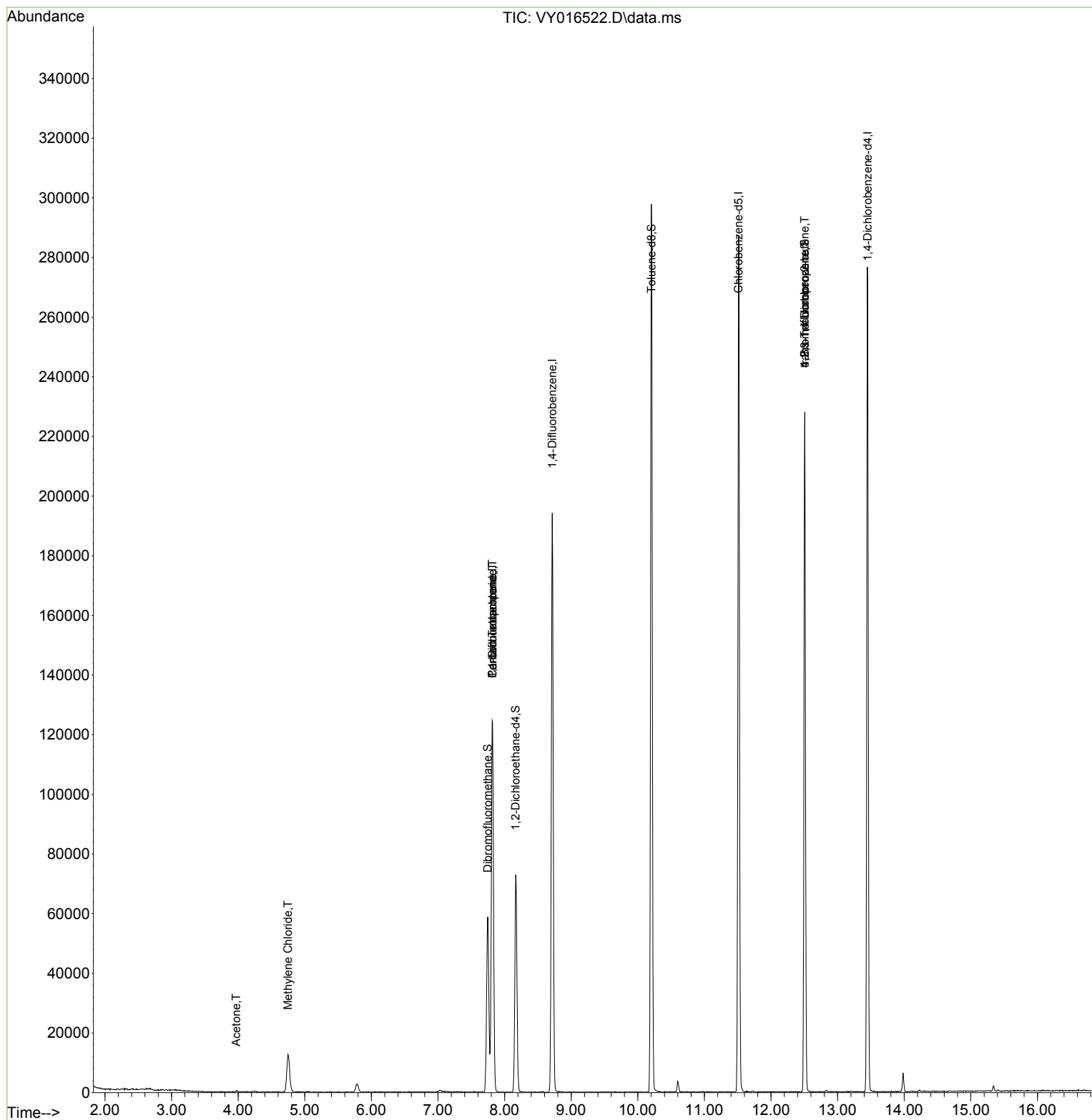
Internal Standards						
1) Pentafluorobenzene	7.819	168	103373	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.715	114	178326	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	172838	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.452	152	75791	50.000	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	58282	61.688	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 123.380%			
35) Dibromofluoromethane	7.746	113	42902	42.351	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 84.700%			
50) Toluene-d8	10.203	98	207858	50.599	ug/l	0.01
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.200%			
62) 4-Bromofluorobenzene	12.507	95	70231	52.639	ug/l	0.02
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.280%			
Target Compounds						
					Qvalue	
16) Acetone	3.972	43	660	4.223	ug/l #	79
20) Methylene Chloride	4.747	84	10872	6.843	ug/l #	79
36) 1,1-Dichloropropene	7.819	75	6763	3.845	ug/l #	50
38) Carbon Tetrachloride	7.819	117	9878	5.411	ug/l #	17
76) 1,2,3-Trichloropropane	12.507	75	34941	48.058	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.507	75	34941	104.314	ug/l #	11

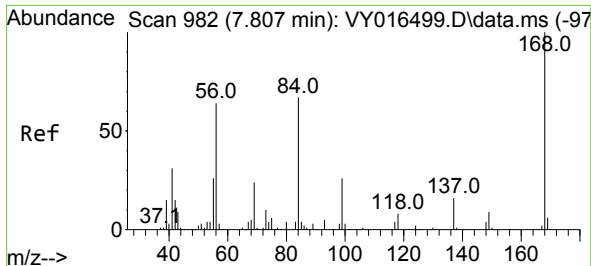
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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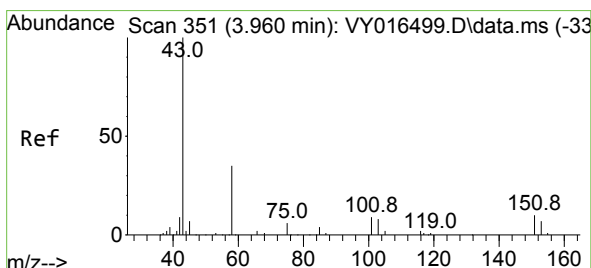
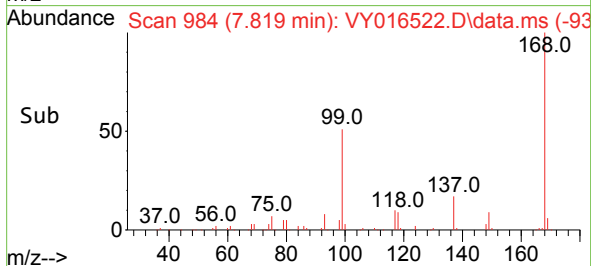
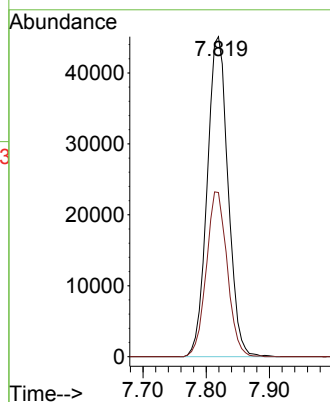
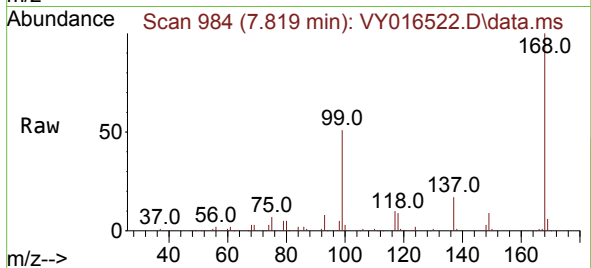




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY016522.D
Acq: 28 Nov 2023 16:03

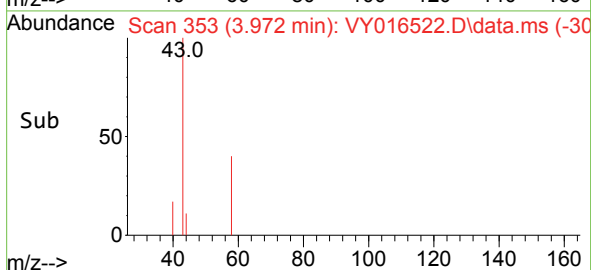
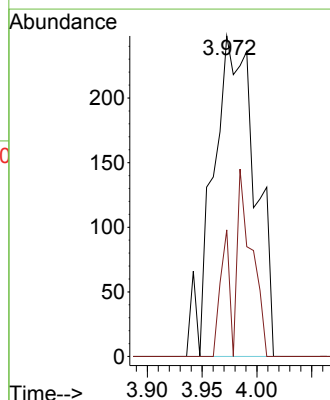
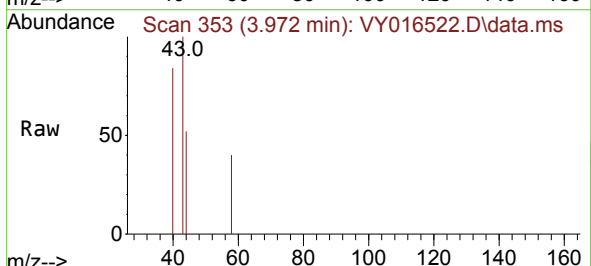
Instrument :
MSVOA_Y
ClientSampleId :

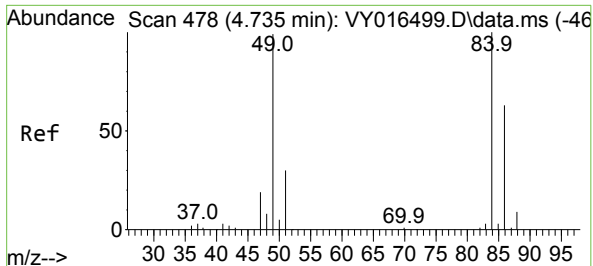
Tgt Ion:168 Resp: 103373
Ion Ratio Lower Upper
168 100
99 51.3 43.4 65.0



#16
Acetone
Concen: 4.223 ug/l
RT: 3.972 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY016522.D
Acq: 28 Nov 2023 16:03

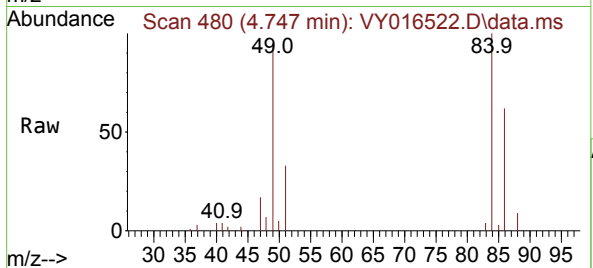
Tgt Ion: 43 Resp: 660
Ion Ratio Lower Upper
43 100
58 39.5 22.7 34.1#



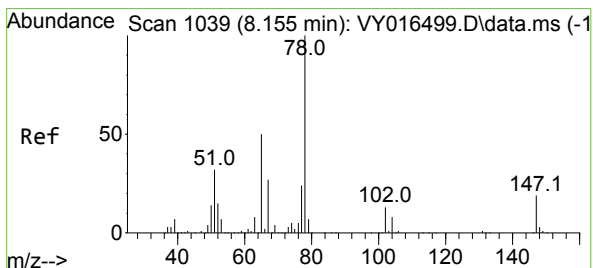
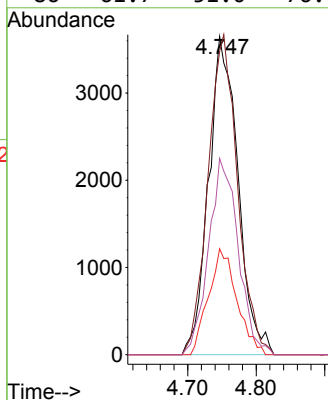
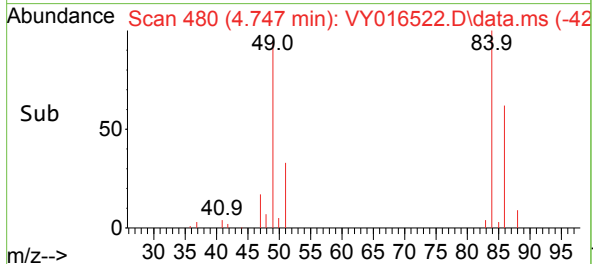


#20
Methylene Chloride
Concen: 6.843 ug/l
RT: 4.747 min Scan# 41
Delta R.T. 0.018 min
Lab File: VY016522.D
Acq: 28 Nov 2023 16:03

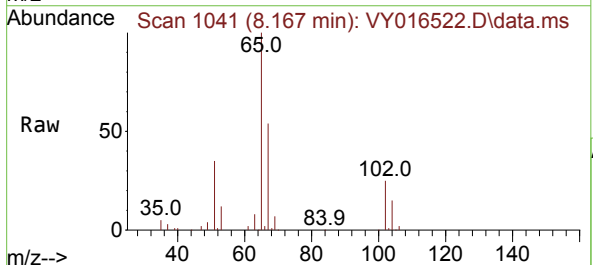
Instrument :
MSVOA_Y
ClientSampleId :



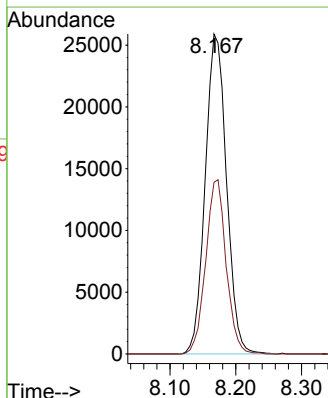
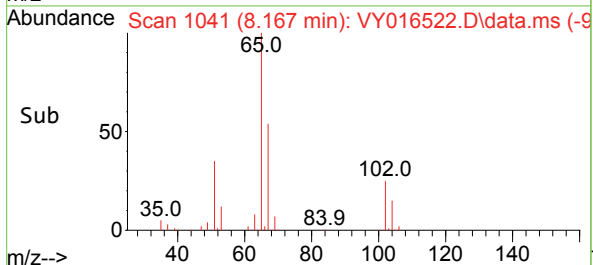
Tgt Ion: 84 Resp: 10872
Ion Ratio Lower Upper
84 100
49 95.4 106.9 160.3#
51 33.3 33.2 49.8
86 61.7 51.0 76.6

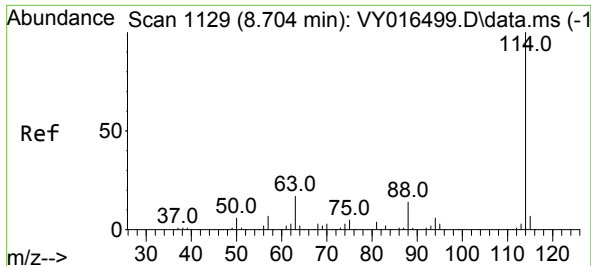


#33
1,2-Dichloroethane-d4
Concen: 61.688 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.012 min
Lab File: VY016522.D
Acq: 28 Nov 2023 16:03



Tgt Ion: 65 Resp: 58282
Ion Ratio Lower Upper
65 100
67 52.3 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.715 min Scan# 1129

Delta R.T. 0.012 min

Lab File: VY016522.D

Acq: 28 Nov 2023 16:03

Instrument :

MSVOA_Y

ClientSampleId :

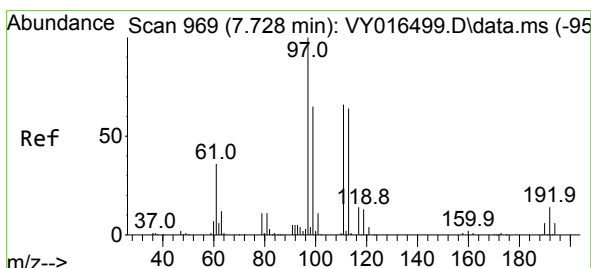
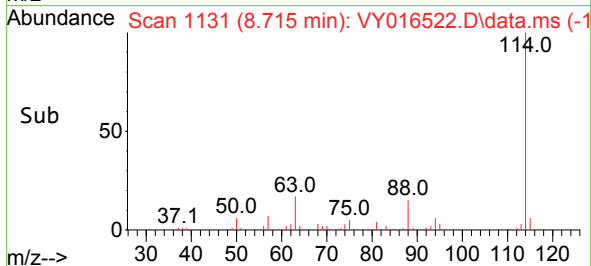
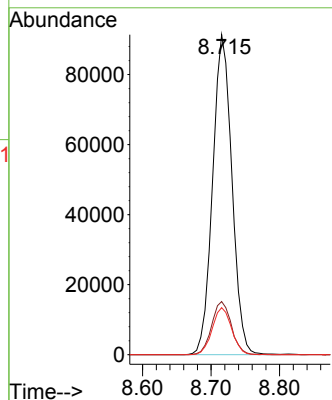
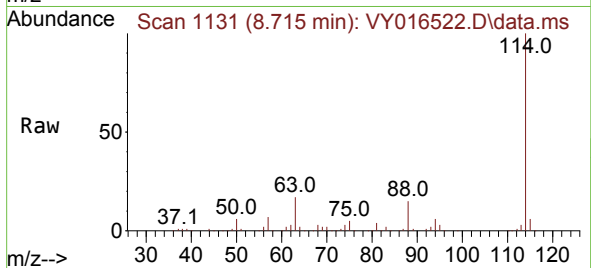
Tgt Ion:114 Resp: 178326

Ion Ratio Lower Upper

114 100

63 16.6 0.0 42.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 42.351 ug/l

RT: 7.746 min Scan# 972

Delta R.T. 0.012 min

Lab File: VY016522.D

Acq: 28 Nov 2023 16:03

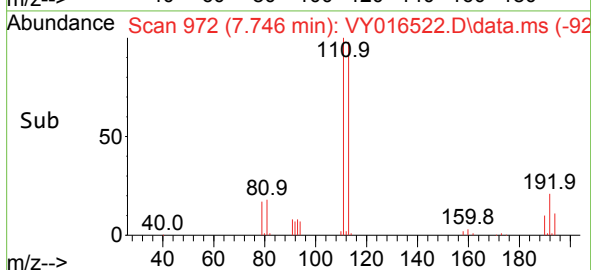
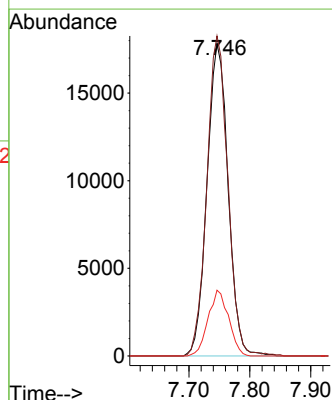
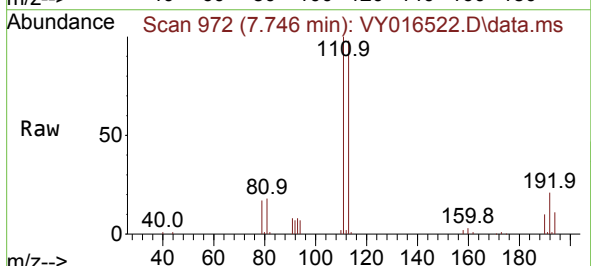
Tgt Ion:113 Resp: 42902

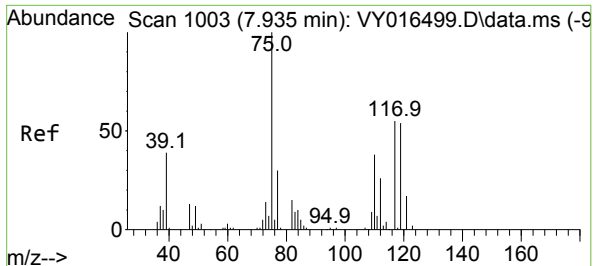
Ion Ratio Lower Upper

113 100

111 101.9 81.3 121.9

192 20.5 16.9 25.3





#36

1,1-Dichloropropene

Concen: 3.845 ug/l

RT: 7.819 min Scan# 984

Delta R.T. -0.110 min

Lab File: VY016522.D

Acq: 28 Nov 2023 16:03

Instrument :

MSVOA_Y

ClientSampleId :

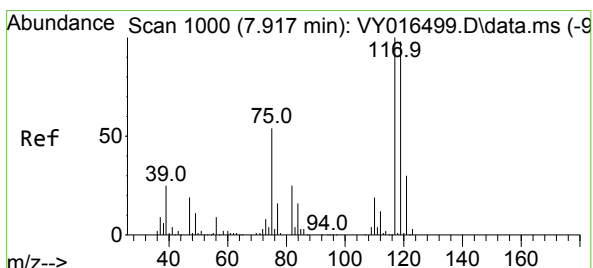
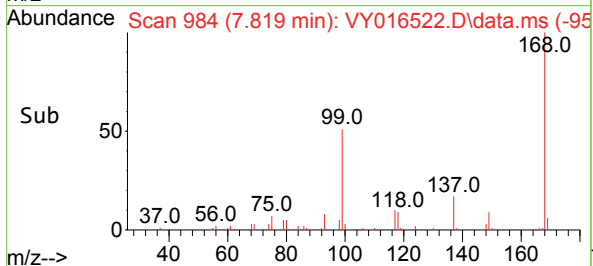
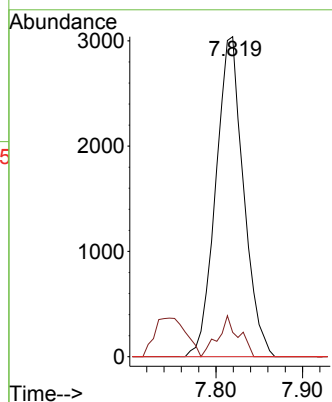
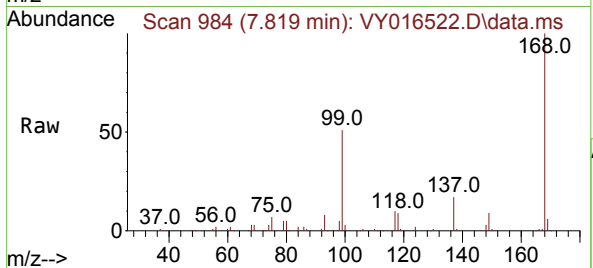
Tgt Ion: 75 Resp: 6763

Ion Ratio Lower Upper

75 100

110 9.5 17.8 53.5#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.411 ug/l

RT: 7.819 min Scan# 984

Delta R.T. -0.098 min

Lab File: VY016522.D

Acq: 28 Nov 2023 16:03

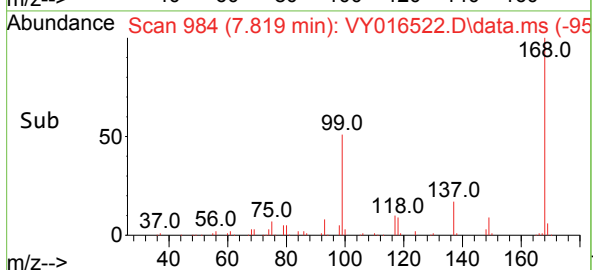
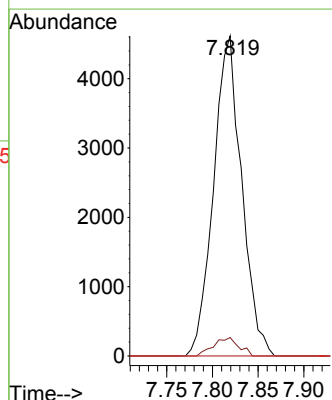
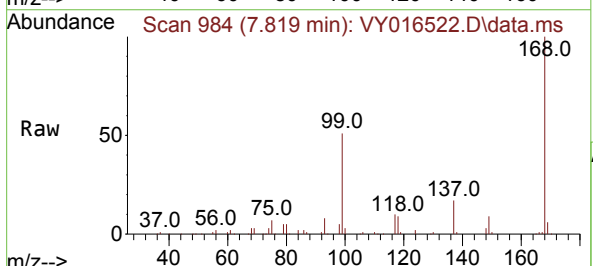
Tgt Ion: 117 Resp: 9878

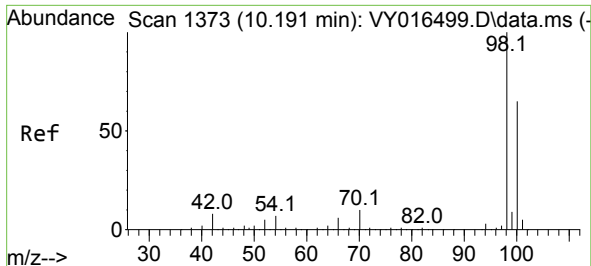
Ion Ratio Lower Upper

117 100

119 5.7 76.4 114.6#

121 0.0 25.8 38.6#

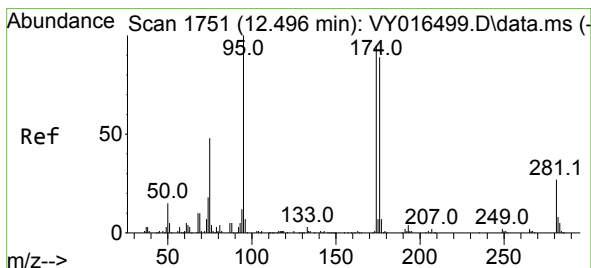
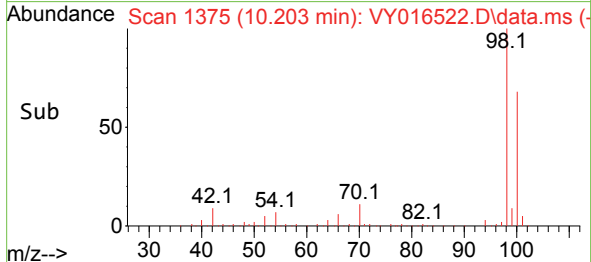
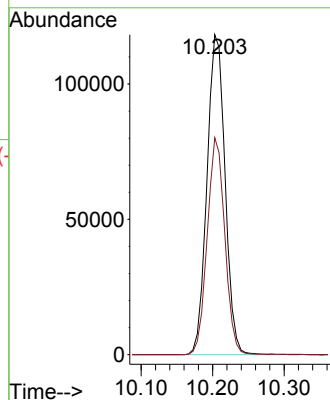
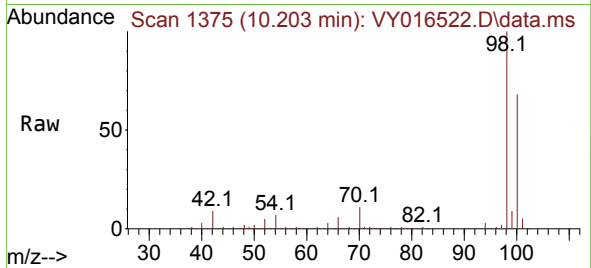




#50
Toluene-d8
Concen: 50.599 ug/l
RT: 10.203 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016522.D
Acq: 28 Nov 2023 16:03

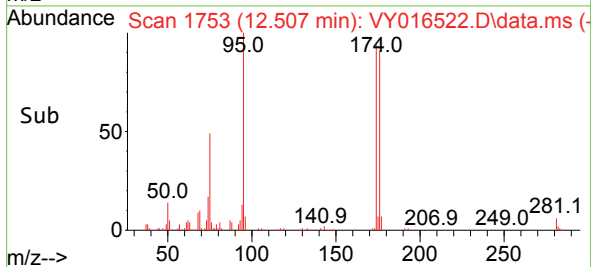
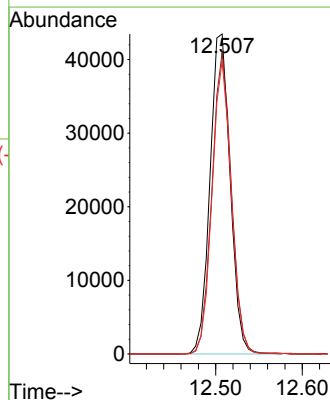
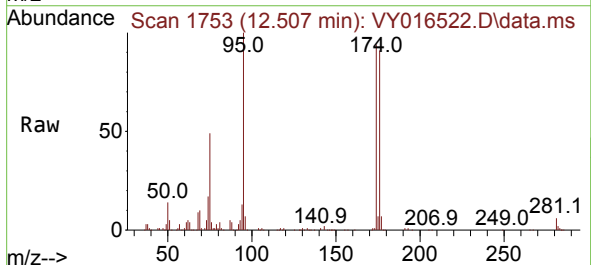
Instrument :
MSVOA_Y
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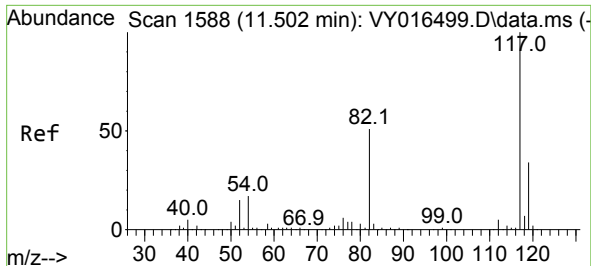
Tgt Ion: 98 Resp: 207858
Ion Ratio Lower Upper
98 100
100 65.9 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 52.639 ug/l
RT: 12.507 min Scan# 1753
Delta R.T. 0.018 min
Lab File: VY016522.D
Acq: 28 Nov 2023 16:03

Tgt Ion: 95 Resp: 70231
Ion Ratio Lower Upper
95 100
174 91.1 0.0 178.2
176 87.5 0.0 173.8

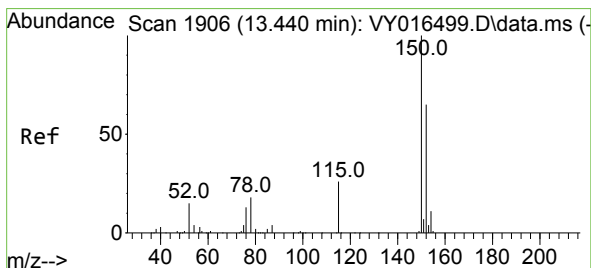
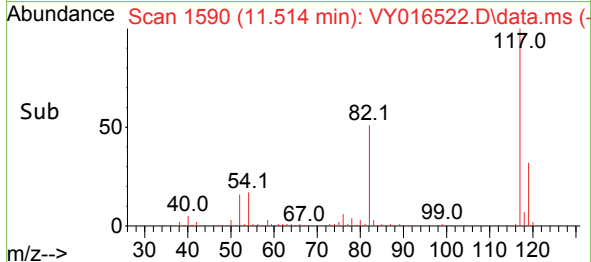
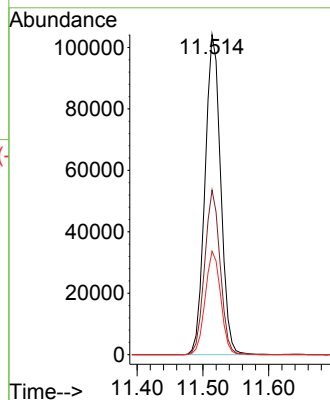
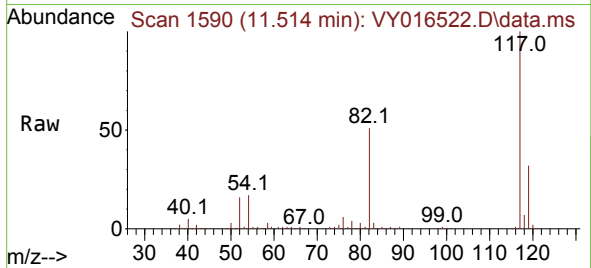




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016522.D
Acq: 28 Nov 2023 16:03

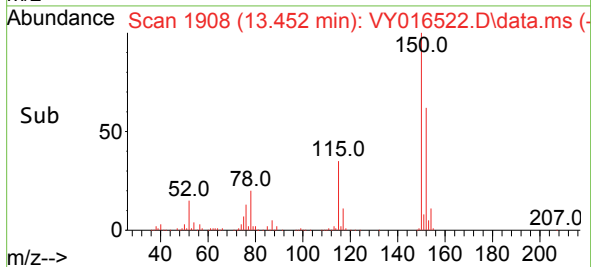
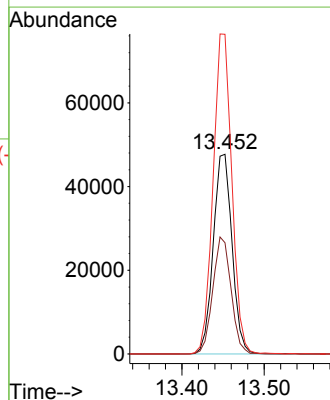
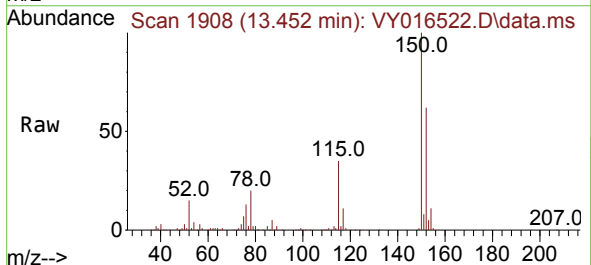
Instrument :
MSVOA_Y
ClientSampleId :

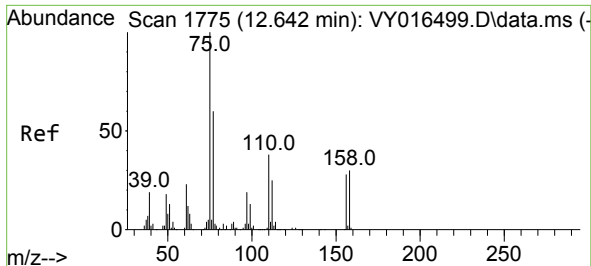
Tgt Ion:117 Resp: 172838
Ion Ratio Lower Upper
117 100
82 51.4 43.4 65.0
119 32.3 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.452 min Scan# 1908
Delta R.T. 0.018 min
Lab File: VY016522.D
Acq: 28 Nov 2023 16:03

Tgt Ion:152 Resp: 75791
Ion Ratio Lower Upper
152 100
115 56.8 28.8 86.5
150 159.5 0.0 348.8

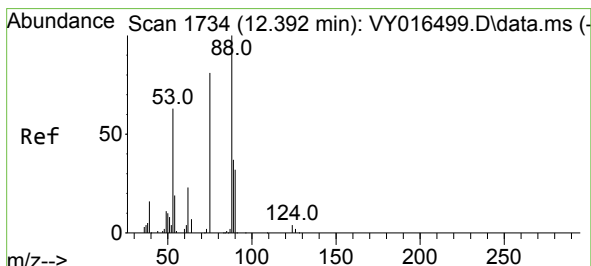
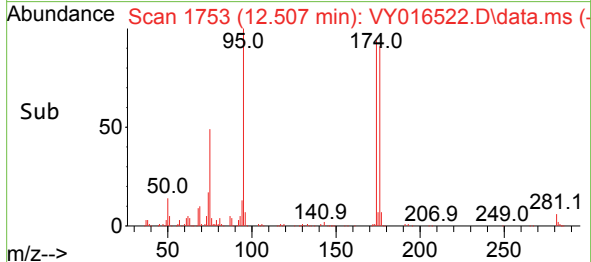
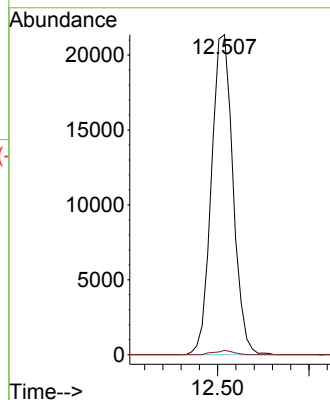
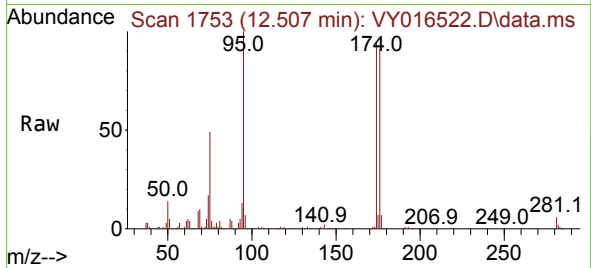




#76
1,2,3-Trichloropropane
Concen: 48.058 ug/l
RT: 12.507 min Scan# 1753
Delta R.T. -0.134 min
Lab File: VY016522.D
Acq: 28 Nov 2023 16:03

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 34941
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 104.314 ug/l
RT: 12.507 min Scan# 1753
Delta R.T. 0.122 min
Lab File: VY016522.D
Acq: 28 Nov 2023 16:03

Tgt Ion: 75 Resp: 34941
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#

