

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080421\
 Data File : VY005537.D
 Acq On : 04 Aug 2021 15:01
 Operator : SY/MD
 Sample : M3271-04RE
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 05 06:39:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

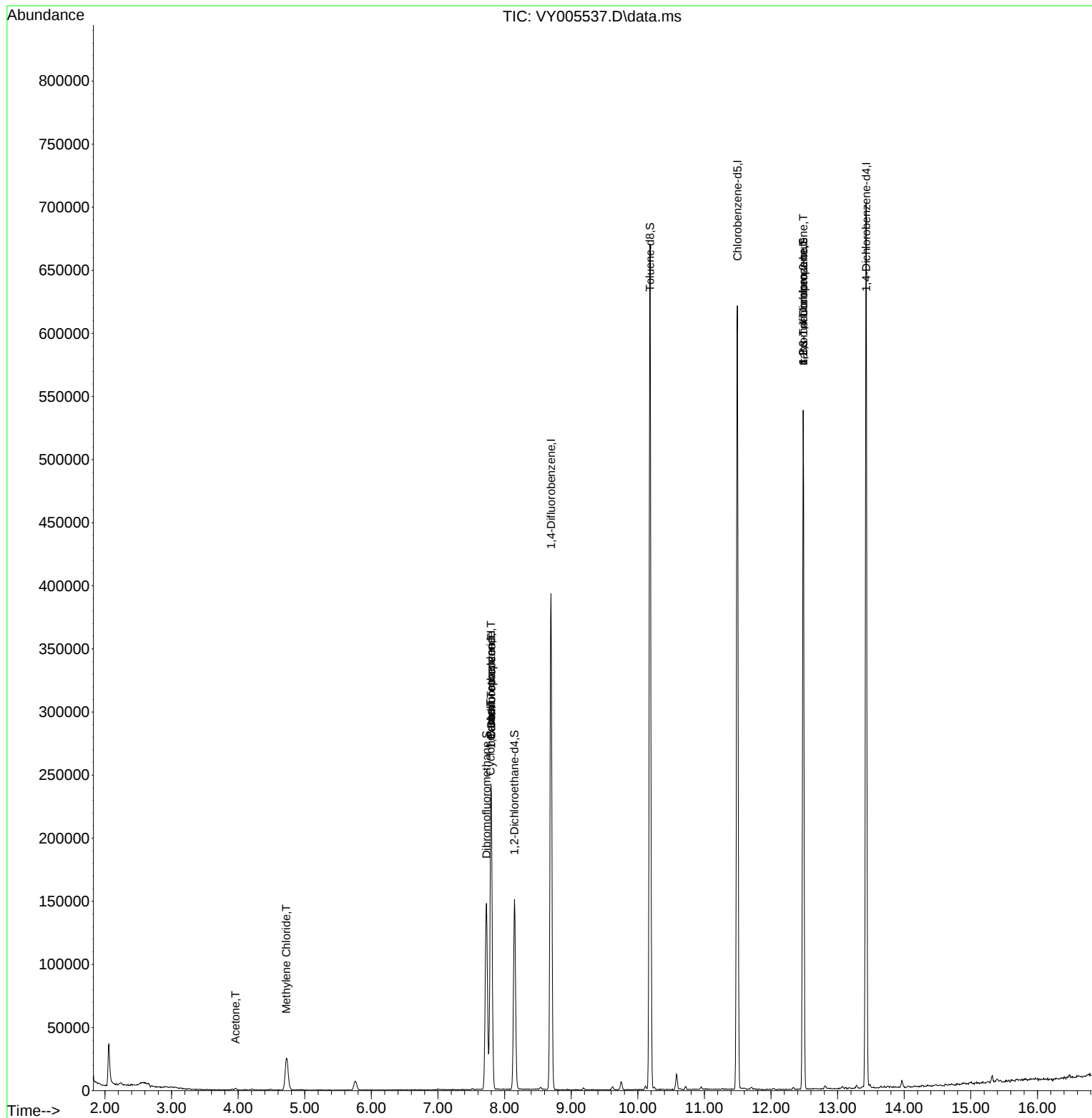
Internal Standards						
1) Pentafluorobenzene	7.795	168	200789	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	331502	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	339768	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	175685	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	121281	59.671	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.340%			
35) Dibromofluoromethane	7.728	113	100727	54.271	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.540%			
50) Toluene-d8	10.185	98	424481	54.533	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.060%			
62) 4-Bromofluorobenzene	12.483	95	146530	56.846	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 113.700%			
Target Compounds					Qvalue	
16) Acetone	3.960	43	2073	4.045	ug/l #	84
20) Methylene Chloride	4.722	84	19795	4.189	ug/l	86
31) Cyclohexane	7.789	56	4110	1.179	ug/l #	26
36) 1,1-Dichloropropene	7.801	75	13833	4.449	ug/l #	49
38) Carbon Tetrachloride	7.795	117	18194	5.384	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	81251	44.629	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	81251	89.965	ug/l #	11

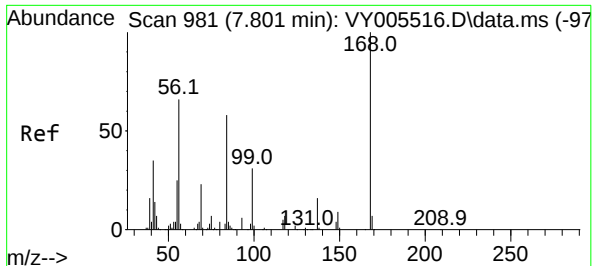
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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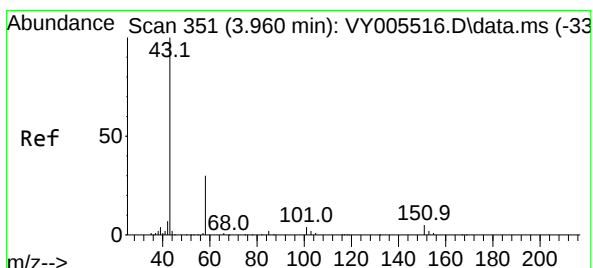
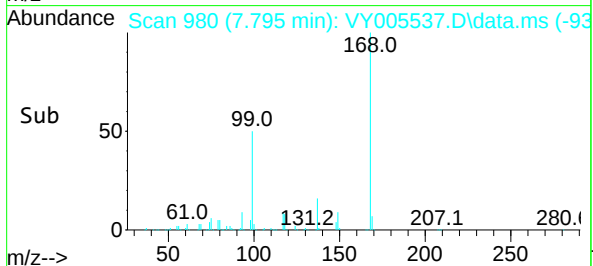
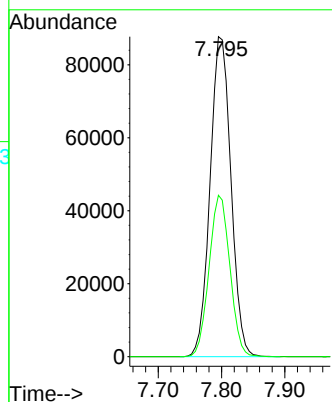
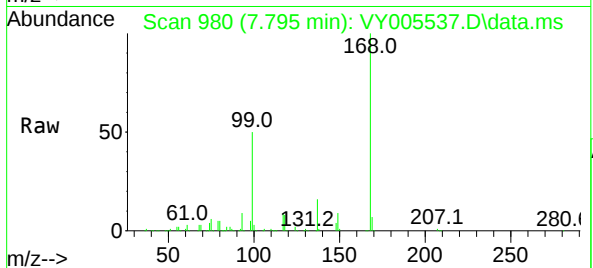




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005537.D
Acq: 04 Aug 2021 15:01

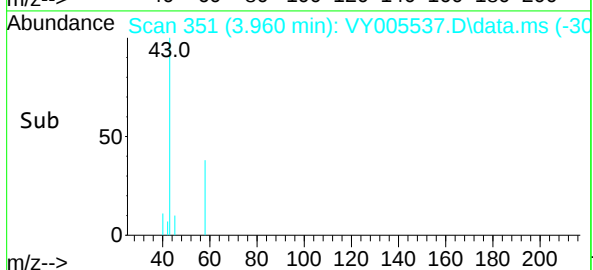
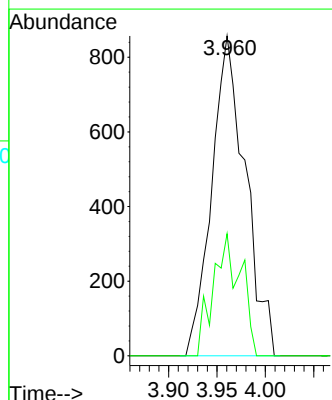
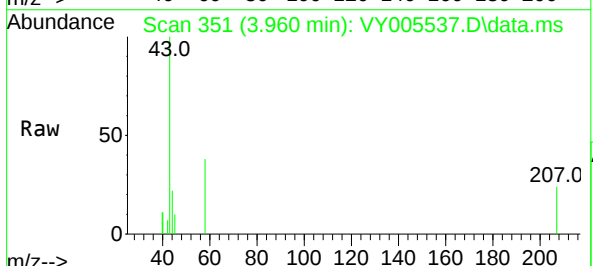
Instrument :
MSVOA_Y
ClientSampleId :

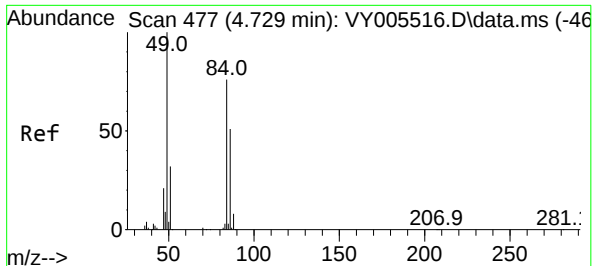
Tgt Ion:168 Resp: 200789
Ion Ratio Lower Upper
168 100
99 50.5 38.9 58.3



#16
Acetone
Concen: 4.045 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY005537.D
Acq: 04 Aug 2021 15:01

Tgt Ion: 43 Resp: 2073
Ion Ratio Lower Upper
43 100
58 38.2 23.8 35.6#





#20

Methylene Chloride

Concen: 4.189 ug/l

RT: 4.722 min Scan# 476

Delta R.T. -0.007 min

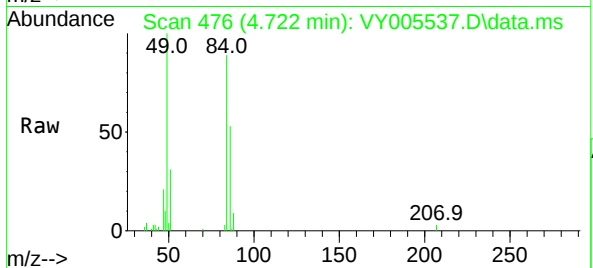
Lab File: VY005537.D

Acq: 04 Aug 2021 15:01

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 19795

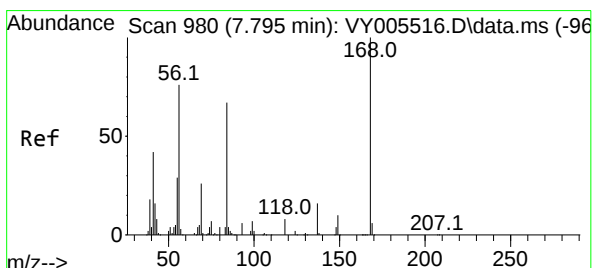
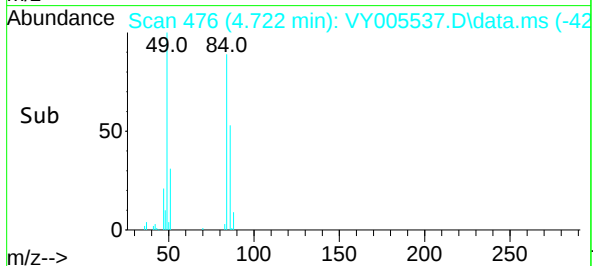
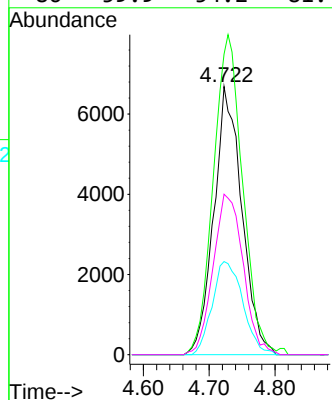
Ion Ratio Lower Upper

84 100

49 112.1 105.8 158.6

51 34.7 33.4 50.2

86 59.9 54.2 81.4



#31

Cyclohexane

Concen: 1.179 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.006 min

Lab File: VY005537.D

Acq: 04 Aug 2021 15:01

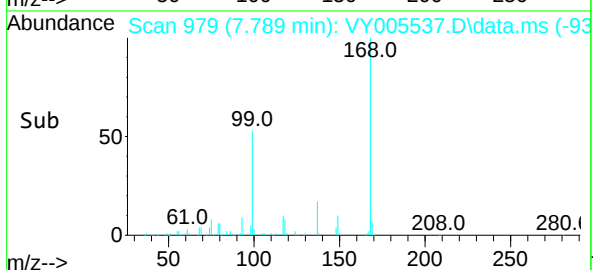
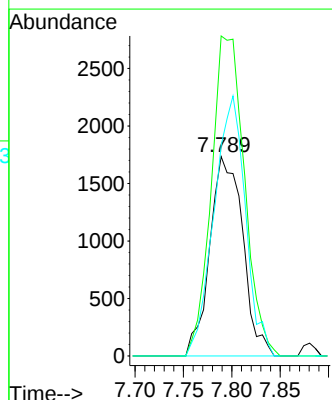
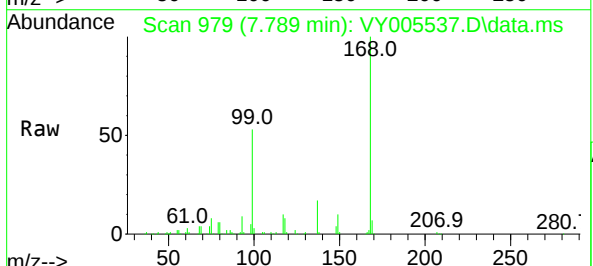
Tgt Ion: 56 Resp: 4110

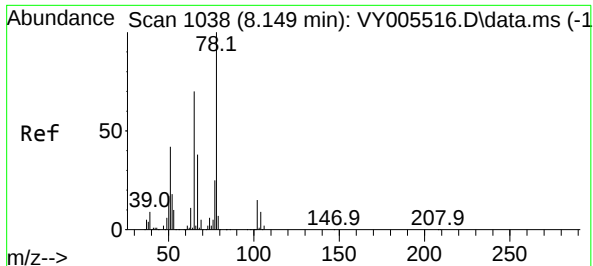
Ion Ratio Lower Upper

56 100

69 160.5 27.7 41.5#

84 105.5 70.9 106.3

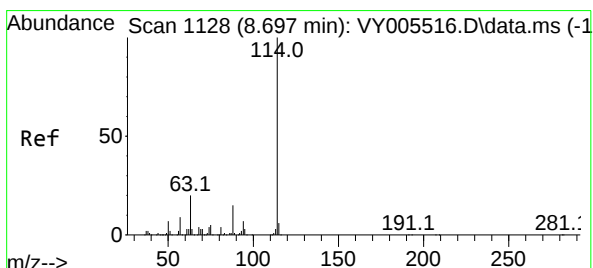
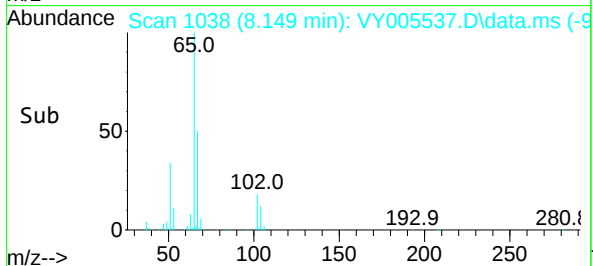
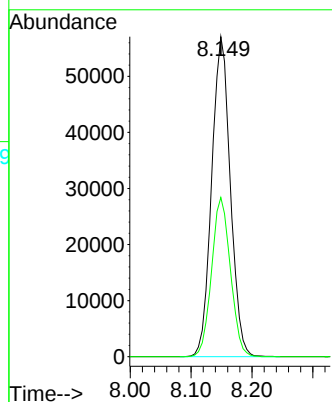
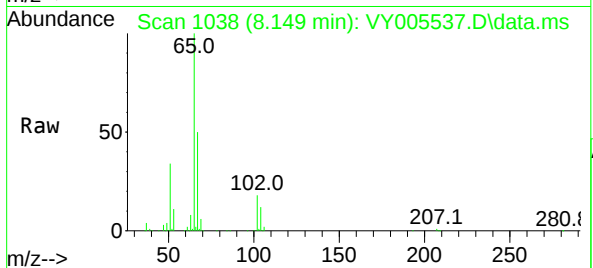




#33
1,2-Dichloroethane-d4
Concen: 59.671 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005537.D
Acq: 04 Aug 2021 15:01

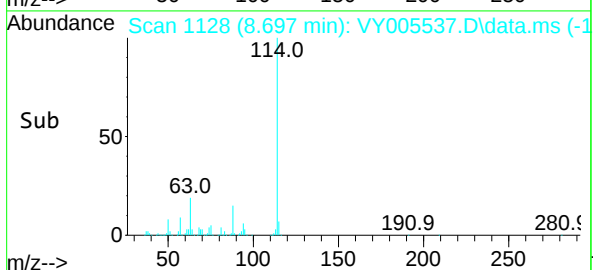
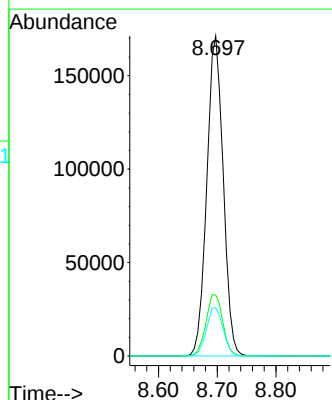
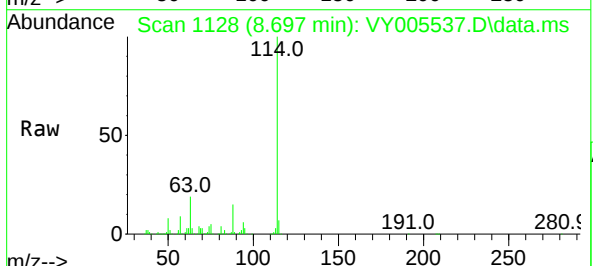
Instrument :
MSVOA_Y
ClientSampled :

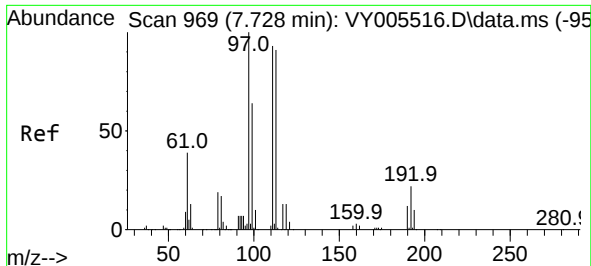
Tgt Ion: 65 Resp: 121281
Ion Ratio Lower Upper
65 100
67 50.2 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005537.D
Acq: 04 Aug 2021 15:01

Tgt Ion: 114 Resp: 331502
Ion Ratio Lower Upper
114 100
63 19.0 0.0 39.2
88 15.0 0.0 30.8

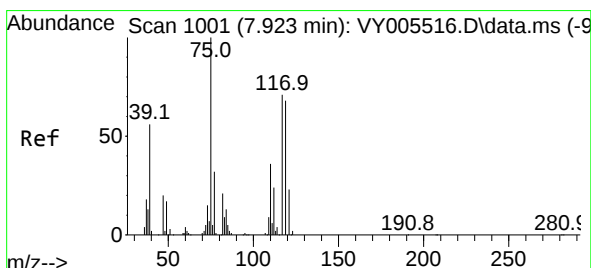
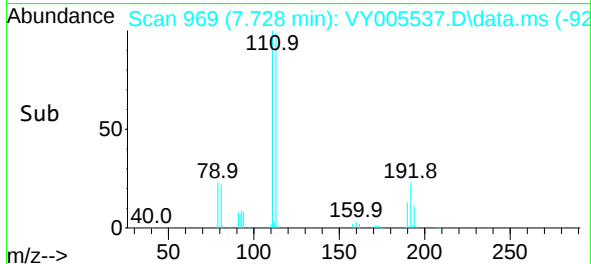
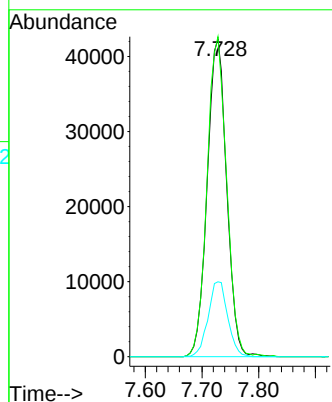
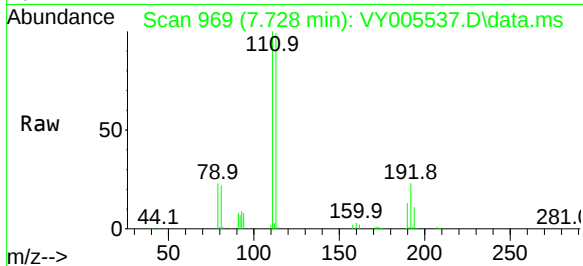




#35
Dibromofluoromethane
Concen: 54.271 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005537.D
Acq: 04 Aug 2021 15:01

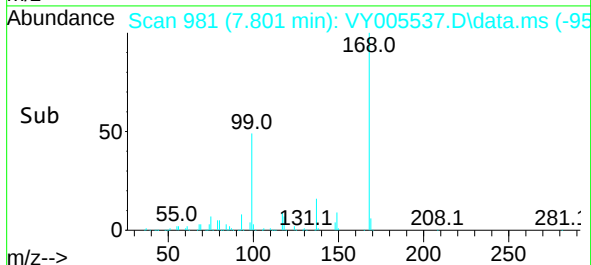
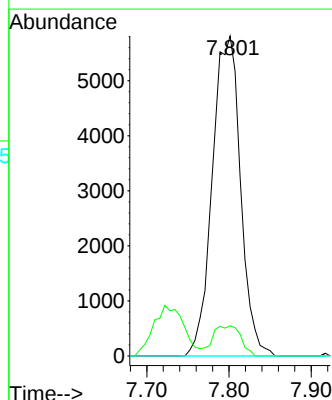
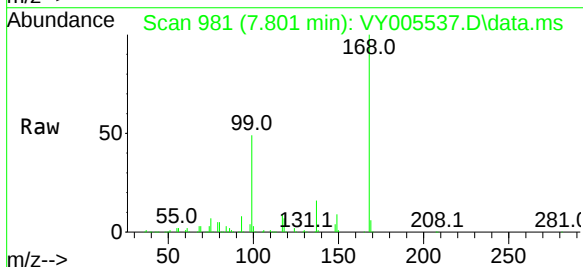
Instrument :
MSVOA_Y
ClientSampleId :

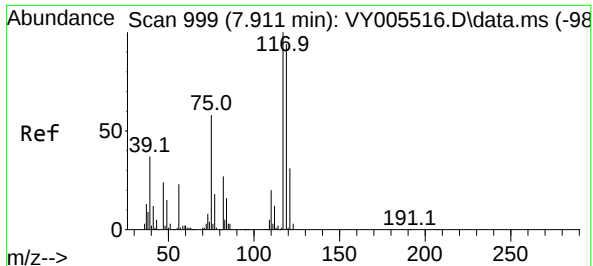
Tgt Ion:113 Resp: 100727
Ion Ratio Lower Upper
113 100
111 101.4 81.9 122.9
192 23.8 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.449 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005537.D
Acq: 04 Aug 2021 15:01

Tgt Ion: 75 Resp: 13833
Ion Ratio Lower Upper
75 100
110 9.5 18.1 54.1#
77 0.0 25.1 37.7#

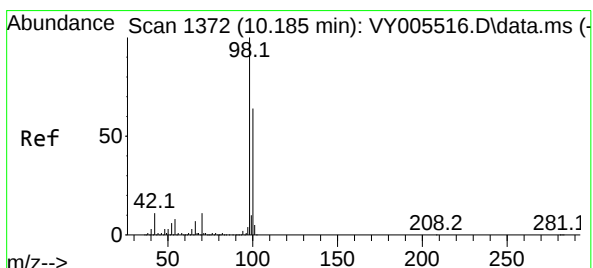
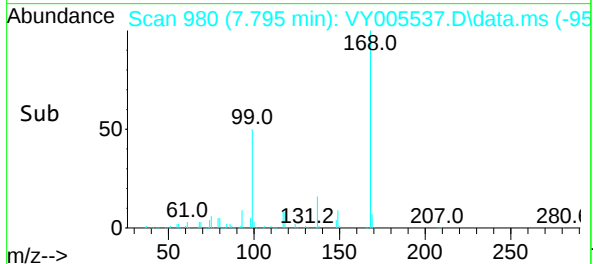
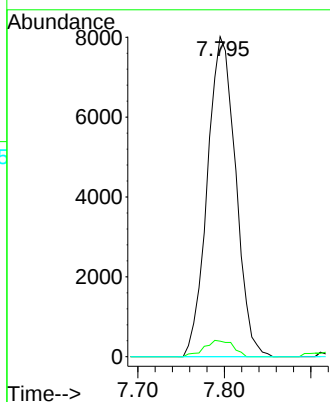
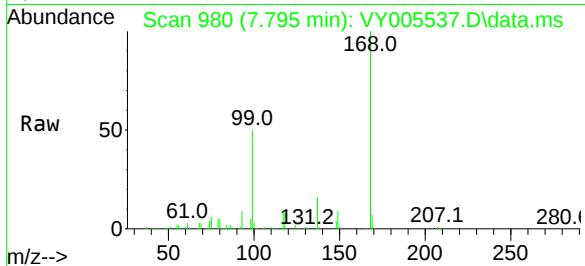




#38
Carbon Tetrachloride
Concen: 5.384 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005537.D
Acq: 04 Aug 2021 15:01

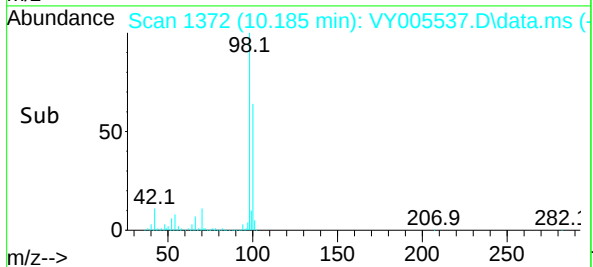
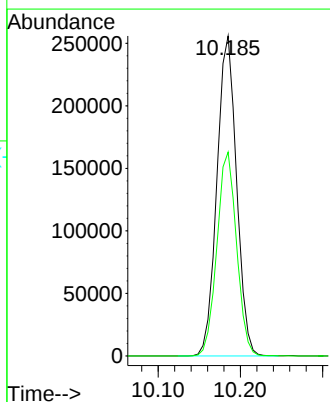
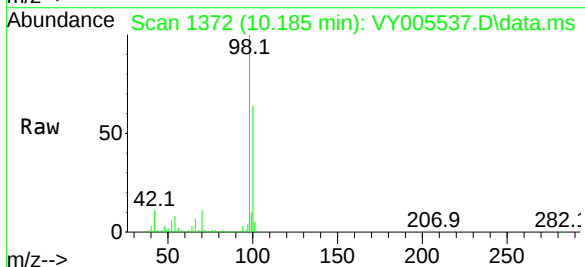
Instrument :
MSVOA_Y
ClientSampleId :

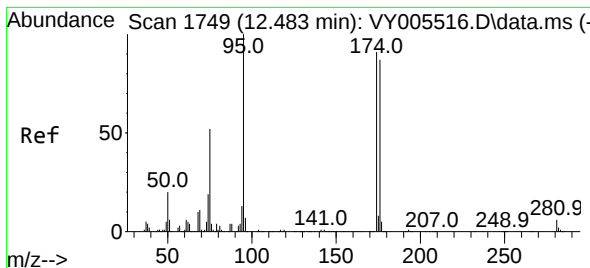
Tgt Ion:117 Resp: 18194
Ion Ratio Lower Upper
117 100
119 4.9 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 54.533 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005537.D
Acq: 04 Aug 2021 15:01

Tgt Ion: 98 Resp: 424481
Ion Ratio Lower Upper
98 100
100 63.7 51.3 76.9

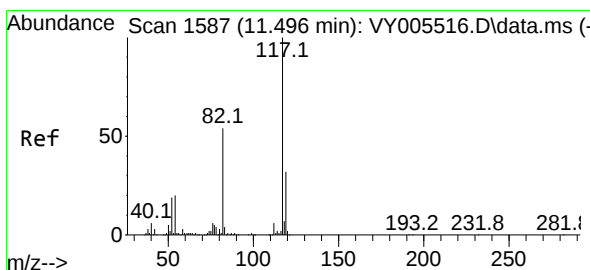
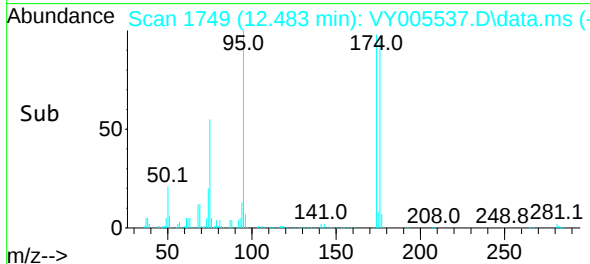
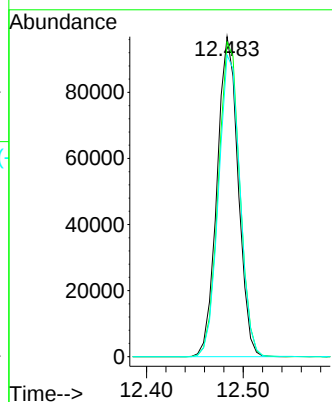
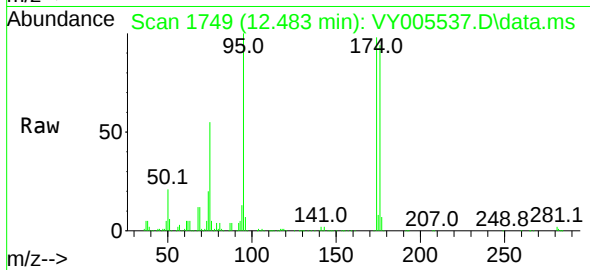




#62
4-Bromofluorobenzene
Concen: 56.846 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005537.D
Acq: 04 Aug 2021 15:01

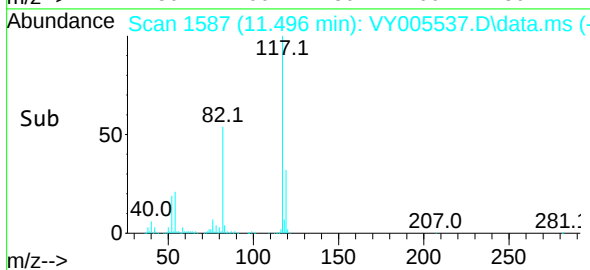
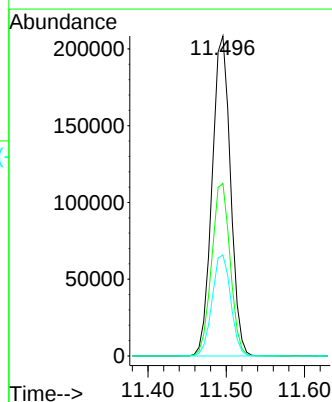
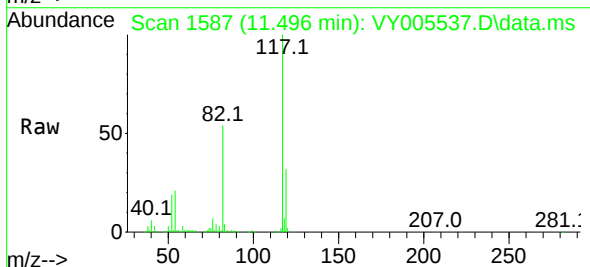
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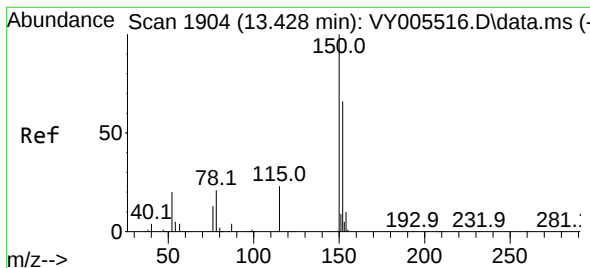
Tgt Ion: 95 Resp: 146530
Ion Ratio Lower Upper
95 100
174 99.4 0.0 191.4
176 95.9 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005537.D
Acq: 04 Aug 2021 15:01

Tgt Ion: 117 Resp: 339768
Ion Ratio Lower Upper
117 100
82 53.9 43.5 65.3
119 31.6 25.5 38.3

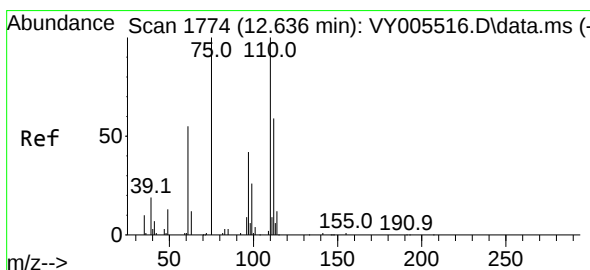
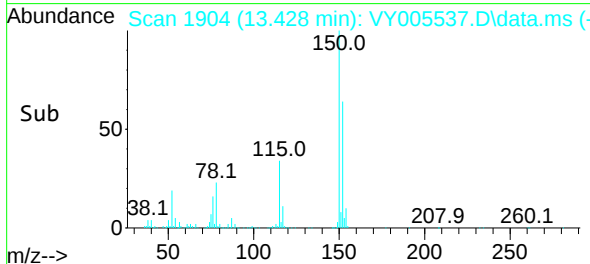
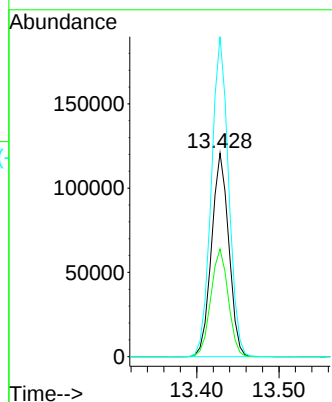
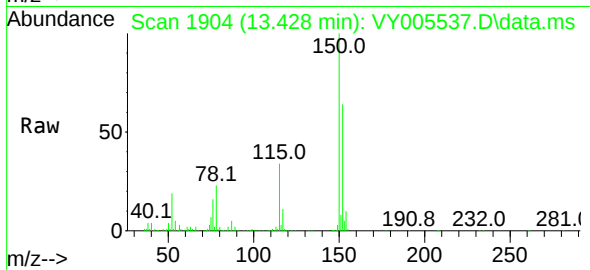




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005537.D
 Acq: 04 Aug 2021 15:01

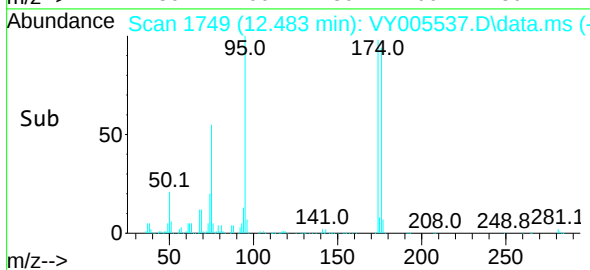
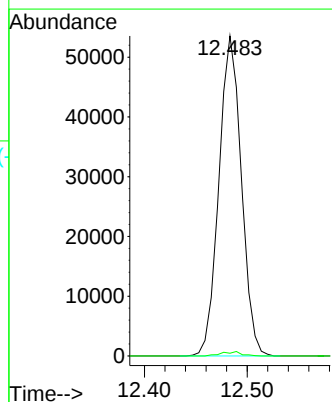
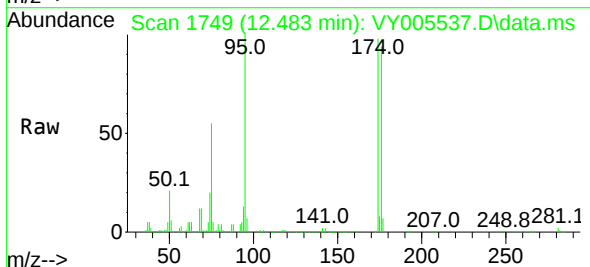
Instrument :
 MSVOA_Y
 ClientSampled :

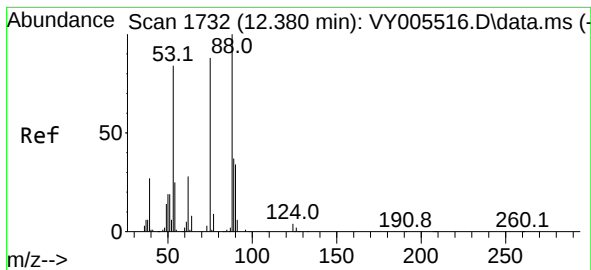
Tgt Ion:152 Resp: 175685
 Ion Ratio Lower Upper
 152 100
 115 53.4 27.3 81.9
 150 157.5 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 44.629 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005537.D
 Acq: 04 Aug 2021 15:01

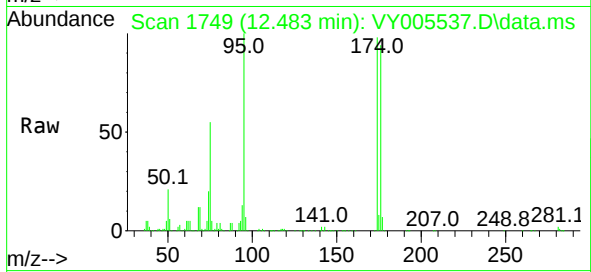
Tgt Ion: 75 Resp: 81251
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.965 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005537.D
 Acq: 04 Aug 2021 15:01

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 81251
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.7 115.1#
 89 0.0 38.4 57.6#

