

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080421\
 Data File : VY005541.D
 Acq On : 04 Aug 2021 16:34
 Operator : SY/MD
 Sample : M3280-01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 05 06:41:08 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)

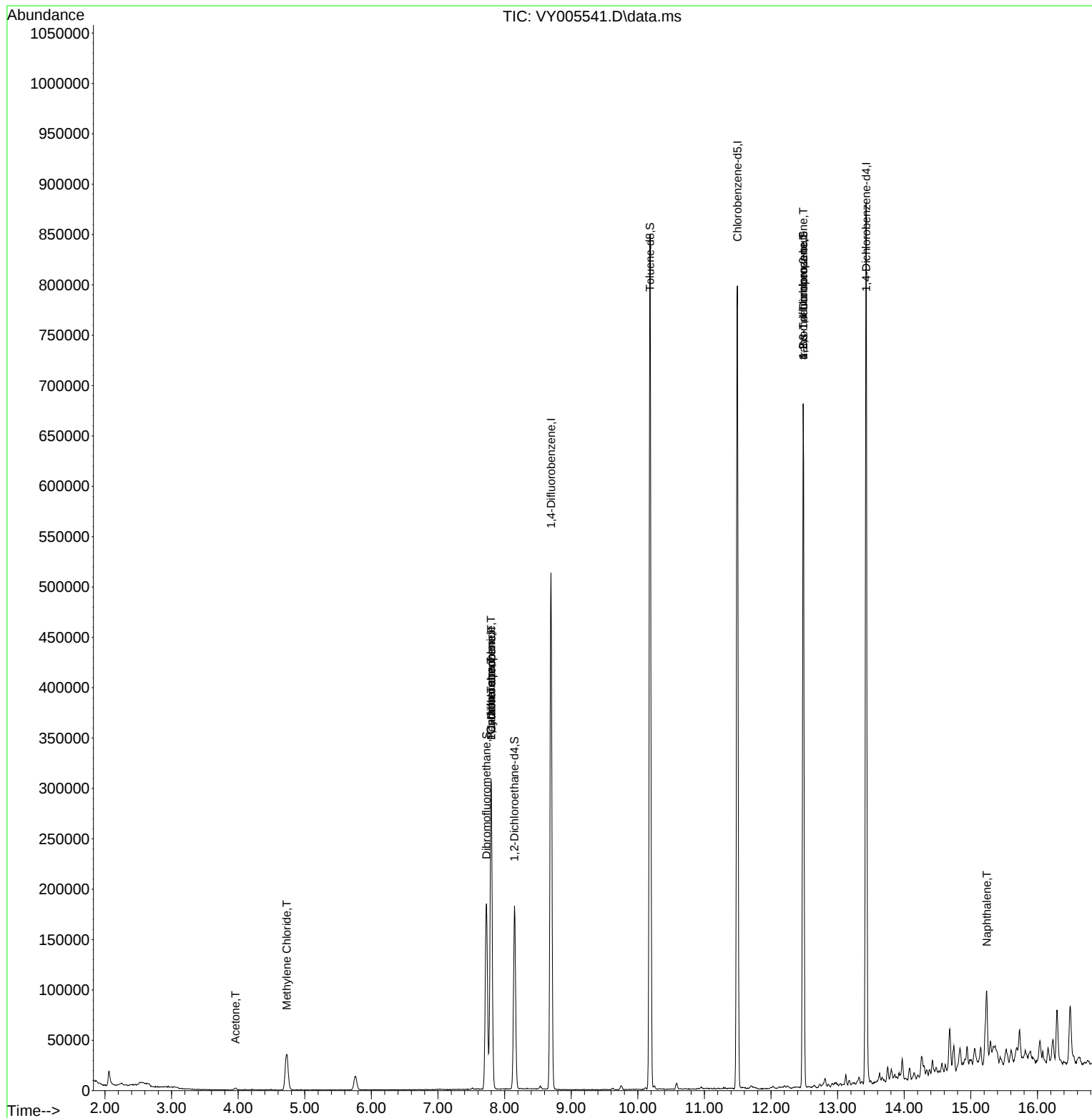
Internal Standards						
1) Pentafluorobenzene	7.801	168	251941	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	435345	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	430628	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	219161	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	144820	56.786	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.580%
35) Dibromofluoromethane	7.728	113	128551	52.741	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.480%
50) Toluene-d8	10.184	98	555384	54.331	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.660%
62) 4-Bromofluorobenzene	12.483	95	195759	57.830	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	115.660%
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	3116	4.846	ug/l	91
20) Methylene Chloride	4.728	84	27633	5.437	ug/l	91
31) Cyclohexane	7.795	56	4817	1.101	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	18494	4.529	ug/l #	49
38) Carbon Tetrachloride	7.795	117	22612	5.095	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	106297	46.803	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	106297	94.350	ug/l #	11
95) Naphthalene	15.238	128	56811	6.477	ug/l	98

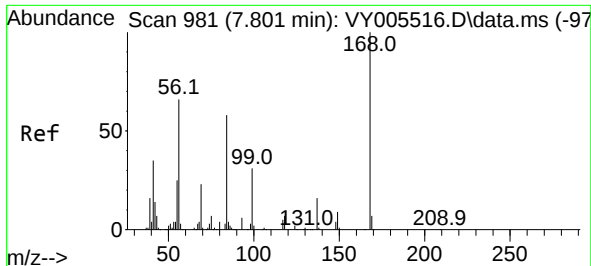
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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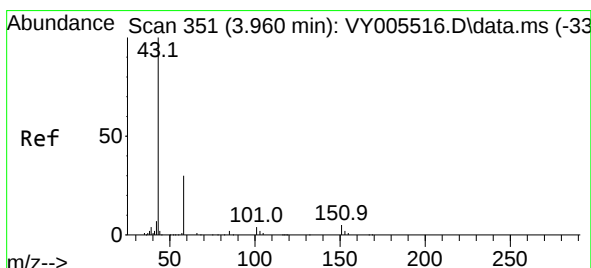
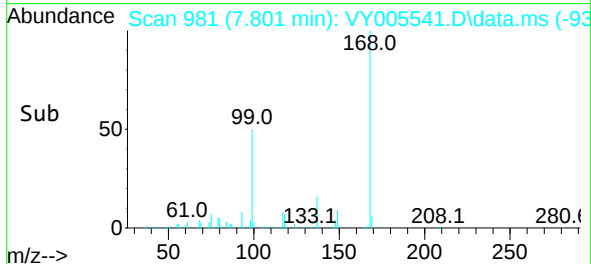
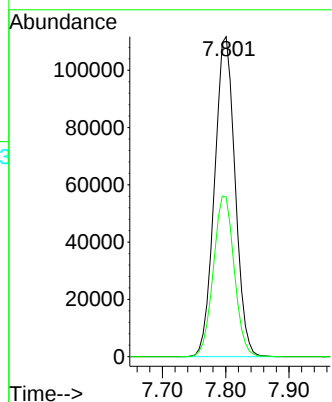
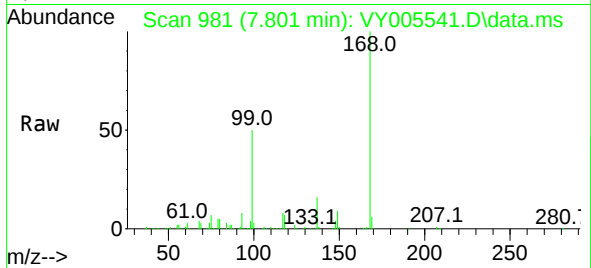




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY005541.D
Acq: 04 Aug 2021 16:34

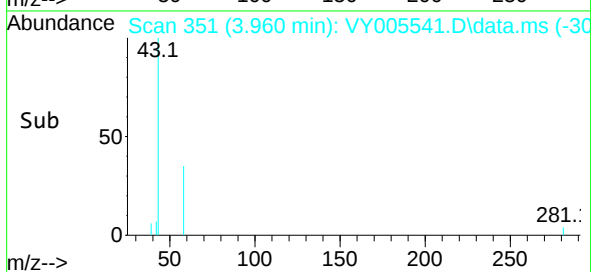
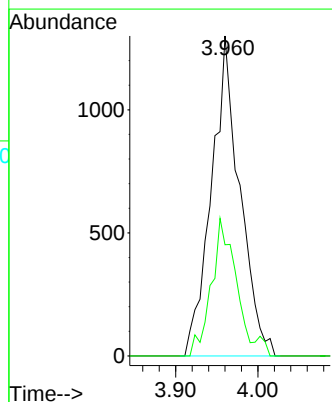
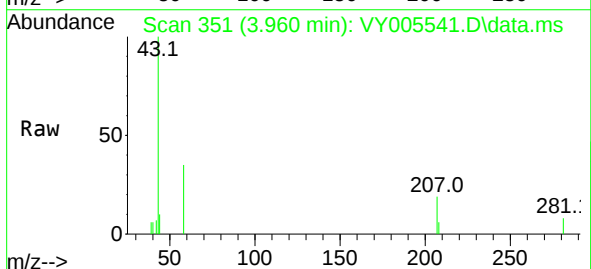
Instrument :
MSVOA_Y
ClientSampleId :

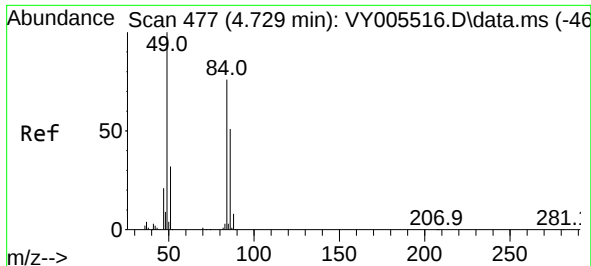
Tgt Ion:168 Resp: 251941
Ion Ratio Lower Upper
168 100
99 49.9 38.9 58.3



#16
Acetone
Concen: 4.846 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005541.D
Acq: 04 Aug 2021 16:34

Tgt Ion: 43 Resp: 3116
Ion Ratio Lower Upper
43 100
58 34.8 23.8 35.6





#20

Methylene Chloride

Concen: 5.437 ug/l

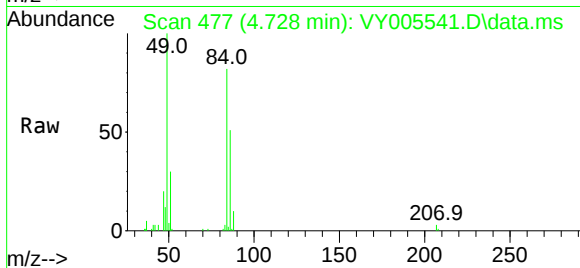
RT: 4.728 min Scan# 477

Delta R.T. -0.001 min

Lab File: VY005541.D

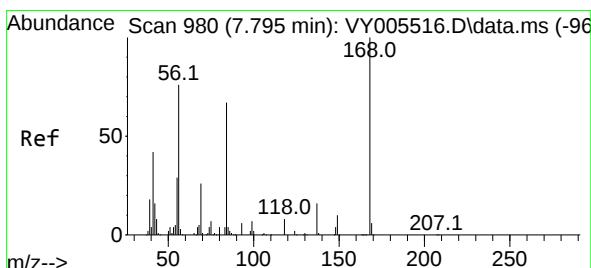
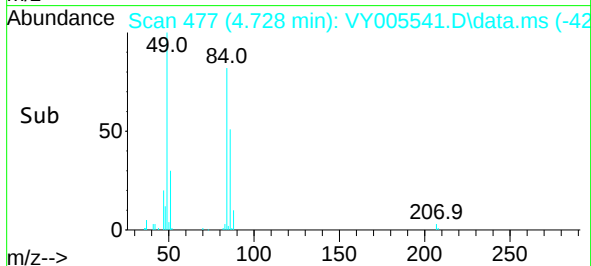
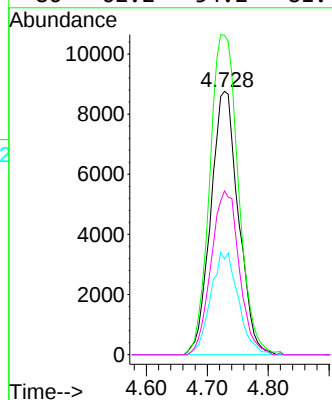
Acq: 04 Aug 2021 16:34

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 27633

Ion	Ratio	Lower	Upper
84	100		
49	121.3	105.8	158.6
51	36.3	33.4	50.2
86	62.2	54.2	81.4



#31

Cyclohexane

Concen: 1.101 ug/l

RT: 7.795 min Scan# 980

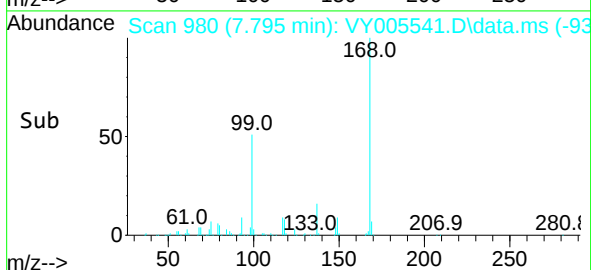
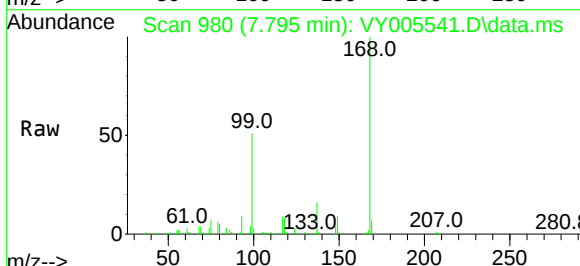
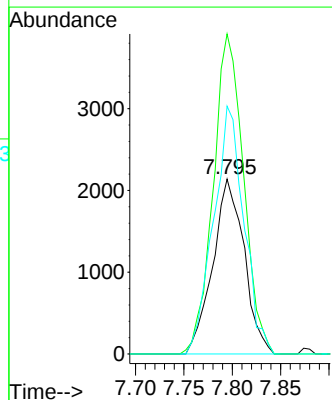
Delta R.T. -0.000 min

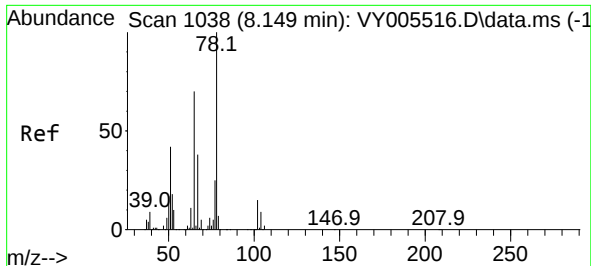
Lab File: VY005541.D

Acq: 04 Aug 2021 16:34

Tgt Ion: 56 Resp: 4817

Ion	Ratio	Lower	Upper
56	100		
69	182.9	27.7	41.5#
84	141.7	70.9	106.3#

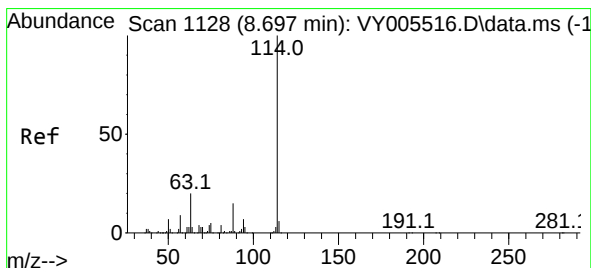
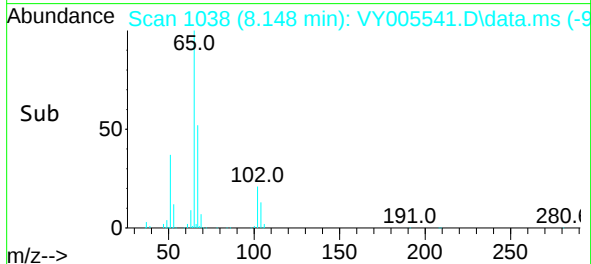
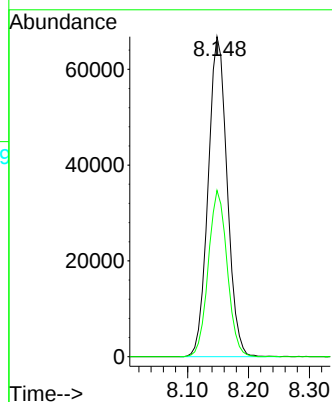
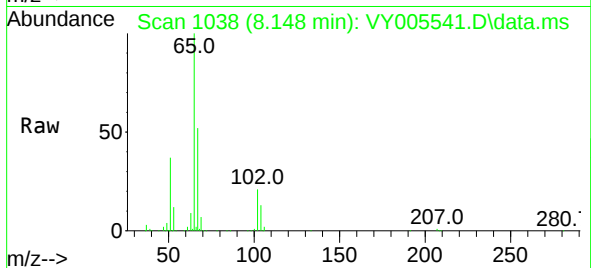




#33
1,2-Dichloroethane-d4
Concen: 56.786 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005541.D
Acq: 04 Aug 2021 16:34

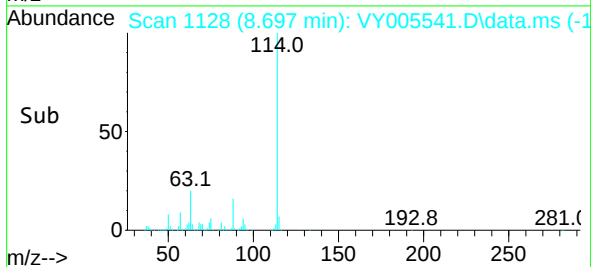
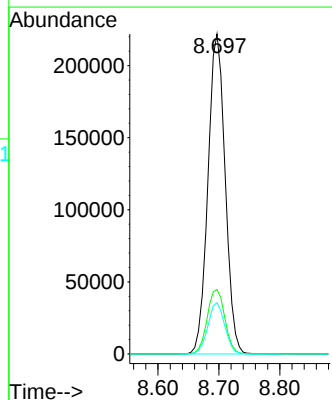
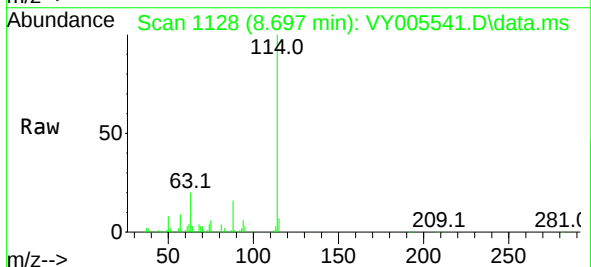
Instrument :
MSVOA_Y
ClientSampleId :

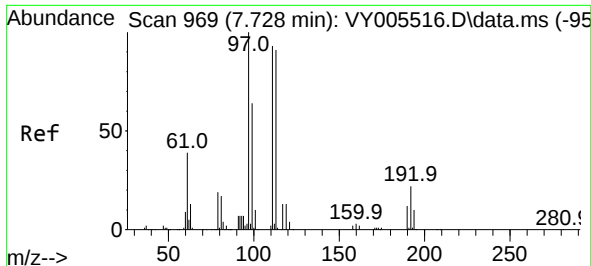
Tgt Ion: 65 Resp: 144820
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005541.D
Acq: 04 Aug 2021 16:34

Tgt Ion: 114 Resp: 435345
Ion Ratio Lower Upper
114 100
63 20.1 0.0 39.2
88 16.0 0.0 30.8

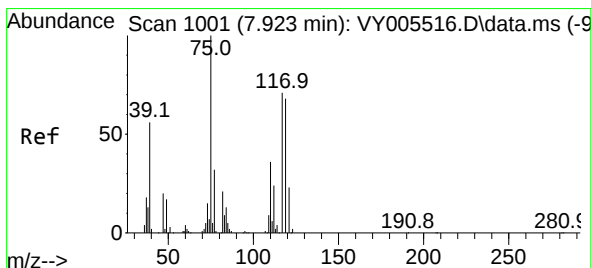
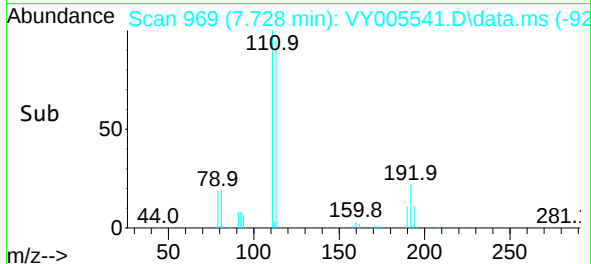
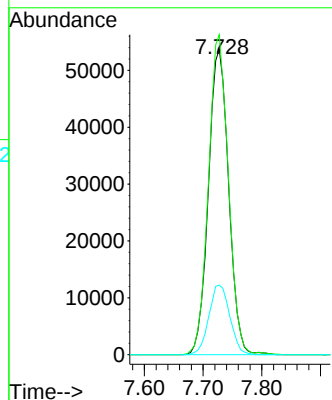
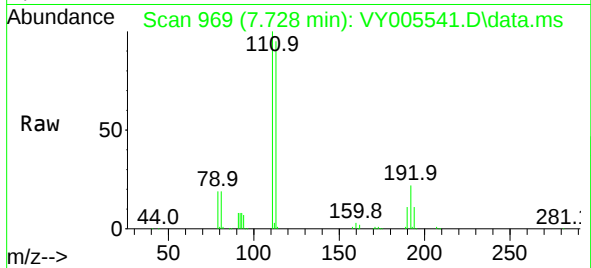




#35
Dibromofluoromethane
Concen: 52.741 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005541.D
Acq: 04 Aug 2021 16:34

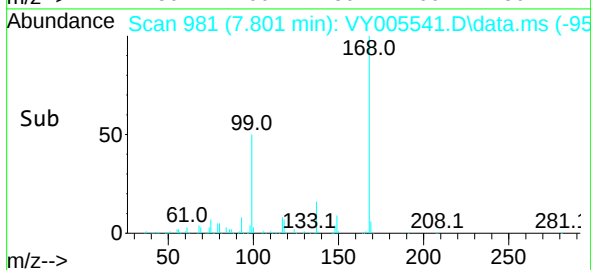
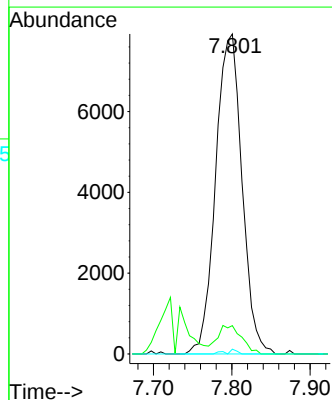
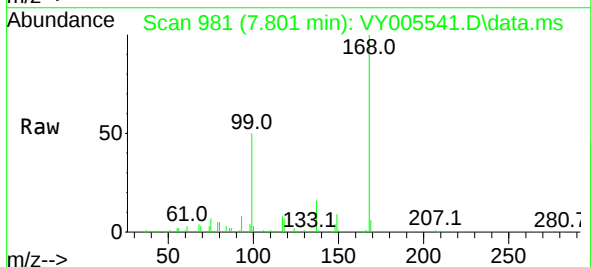
Instrument :
MSVOA_Y
ClientSampleId :

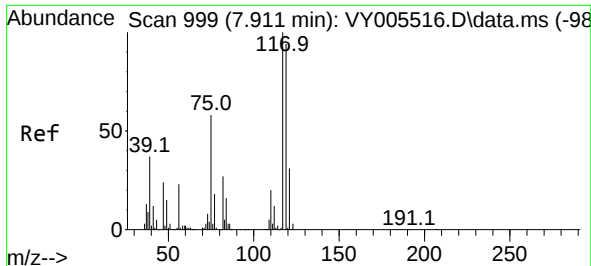
Tgt Ion:113 Resp: 128551
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 23.5 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.529 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005541.D
Acq: 04 Aug 2021 16:34

Tgt Ion: 75 Resp: 18494
Ion Ratio Lower Upper
75 100
110 8.1 18.1 54.1#
77 0.6 25.1 37.7#

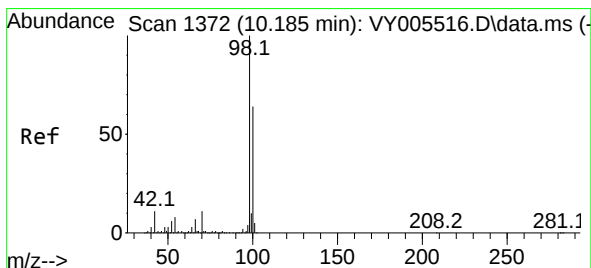
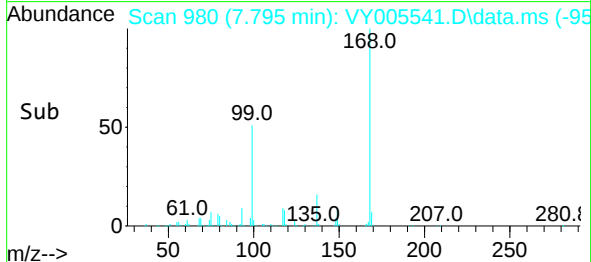
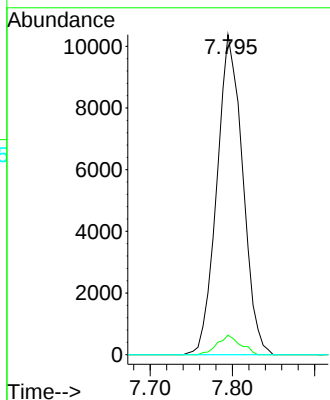
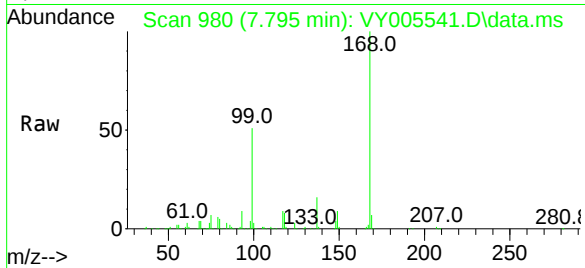




#38
Carbon Tetrachloride
Concen: 5.095 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005541.D
Acq: 04 Aug 2021 16:34

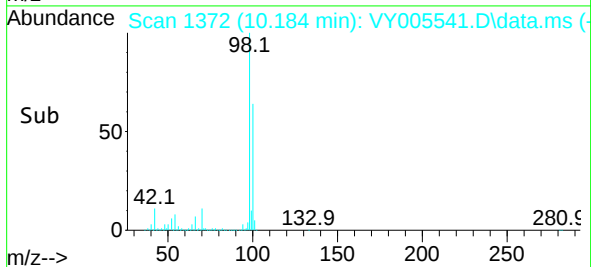
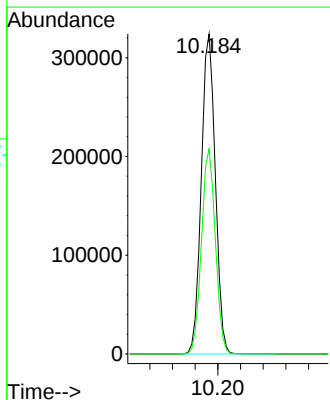
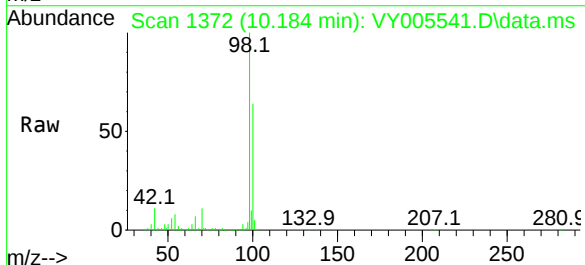
Instrument :
MSVOA_Y
ClientSampled :

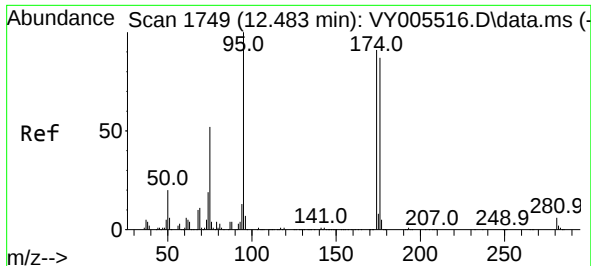
Tgt Ion:117 Resp: 22612
Ion Ratio Lower Upper
117 100
119 6.1 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 54.331 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005541.D
Acq: 04 Aug 2021 16:34

Tgt Ion: 98 Resp: 555384
Ion Ratio Lower Upper
98 100
100 63.5 51.3 76.9

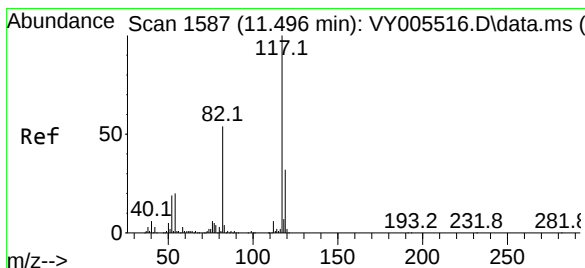
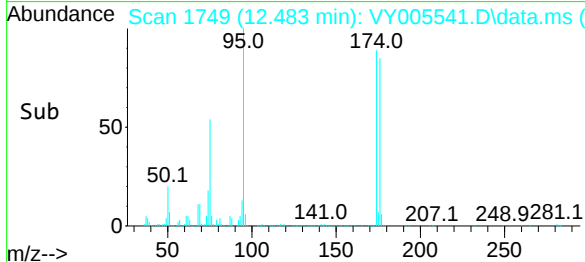
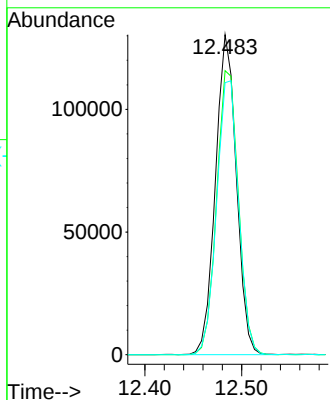
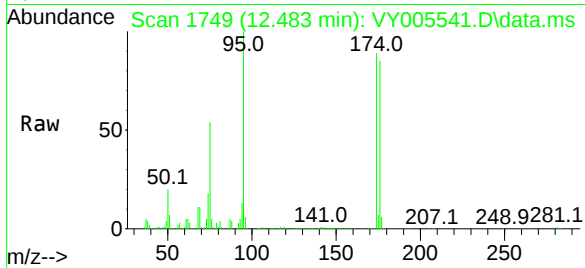




#62
4-Bromofluorobenzene
Concen: 57.830 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005541.D
Acq: 04 Aug 2021 16:34

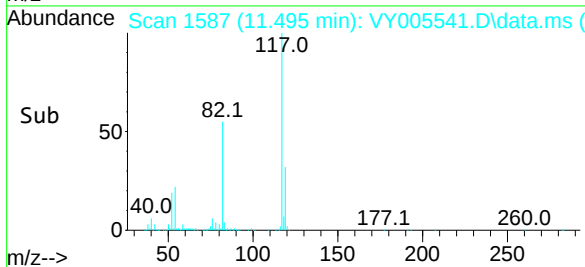
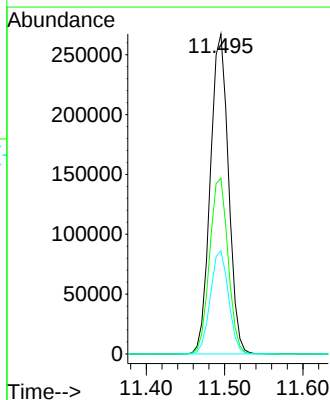
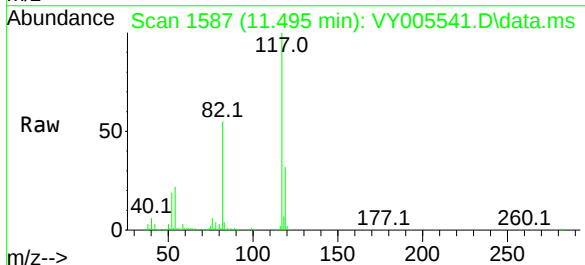
Instrument :
MSVOA_Y
ClientSampleId :

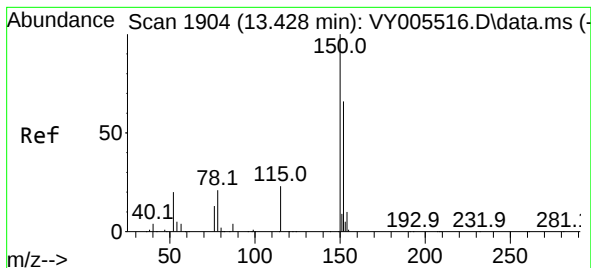
Tgt Ion: 95 Resp: 195759
Ion Ratio Lower Upper
95 100
174 92.4 0.0 191.4
176 90.0 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005541.D
Acq: 04 Aug 2021 16:34

Tgt Ion: 117 Resp: 430628
Ion Ratio Lower Upper
117 100
82 54.9 43.5 65.3
119 32.2 25.5 38.3

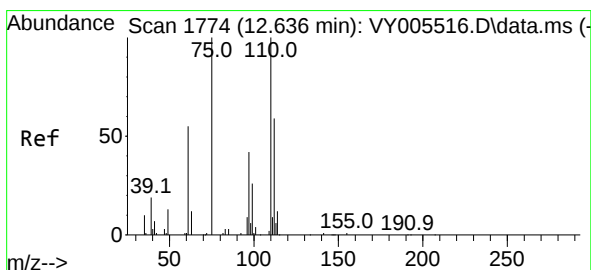
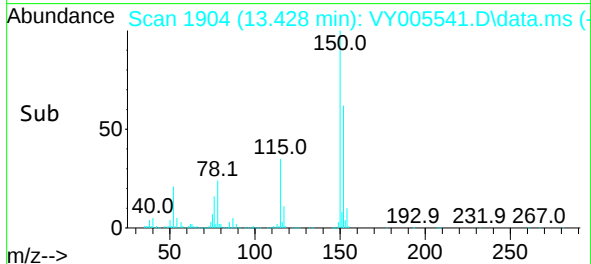
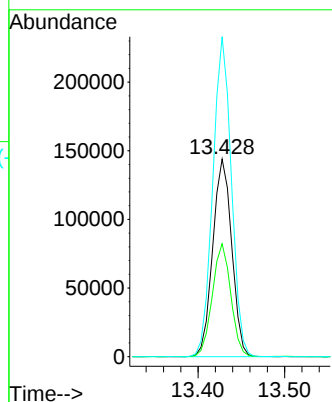
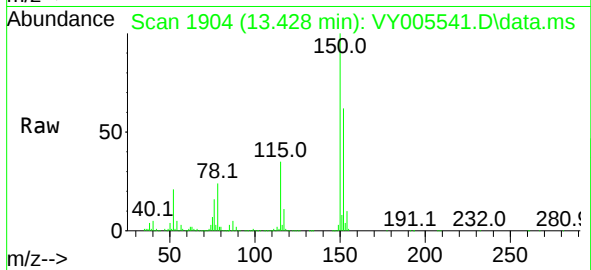




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005541.D
 Acq: 04 Aug 2021 16:34

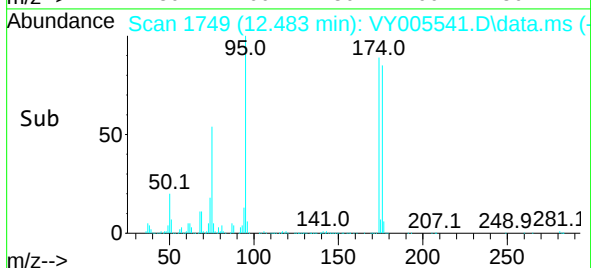
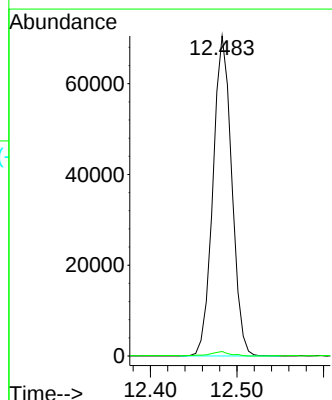
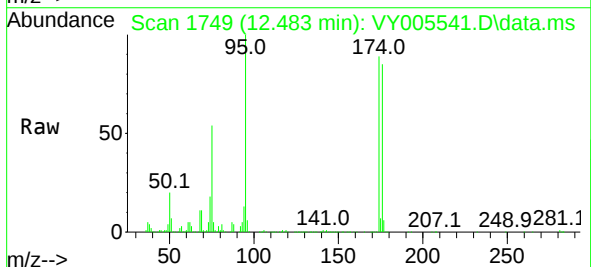
Instrument :
 MSVOA_Y
 ClientSampled :

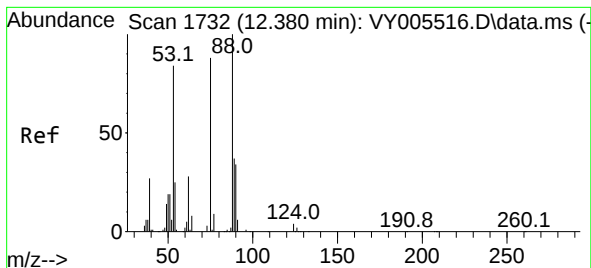
Tgt Ion:152 Resp: 219161
 Ion Ratio Lower Upper
 152 100
 115 55.5 27.3 81.9
 150 158.2 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 46.803 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005541.D
 Acq: 04 Aug 2021 16:34

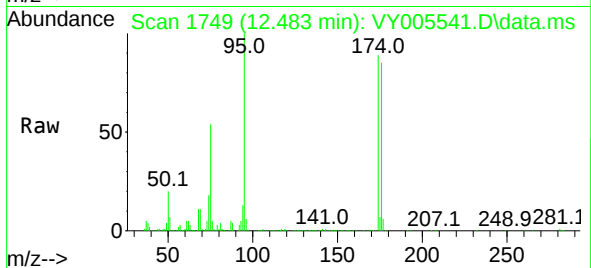
Tgt Ion: 75 Resp: 106297
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#



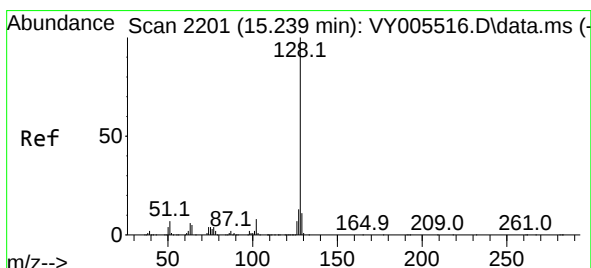
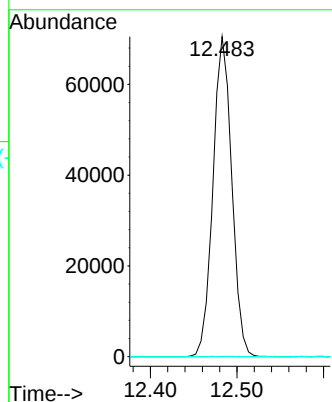
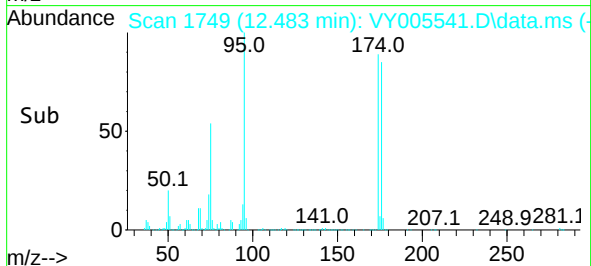


#81
trans-1,4-Dichloro-2-butene
Concen: 94.350 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005541.D
Acq: 04 Aug 2021 16:34

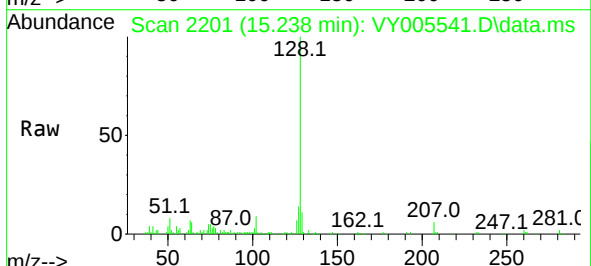
Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 106297
Ion Ratio Lower Upper
75 100
53 0.1 76.7 115.1#
89 0.0 38.4 57.6#



#95
Naphthalene
Concen: 6.477 ug/l
RT: 15.238 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY005541.D
Acq: 04 Aug 2021 16:34



Tgt Ion: 128 Resp: 56811
Ion Ratio Lower Upper
128 100
127 14.6 10.6 15.8
129 11.1 8.7 13.1

