

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060821\
 Data File : VY005025.D
 Acq On : 08 Jun 2021 16:12
 Operator : SY/MD
 Sample : M2625-16
 Misc : 13.29G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 09 03:51:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

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

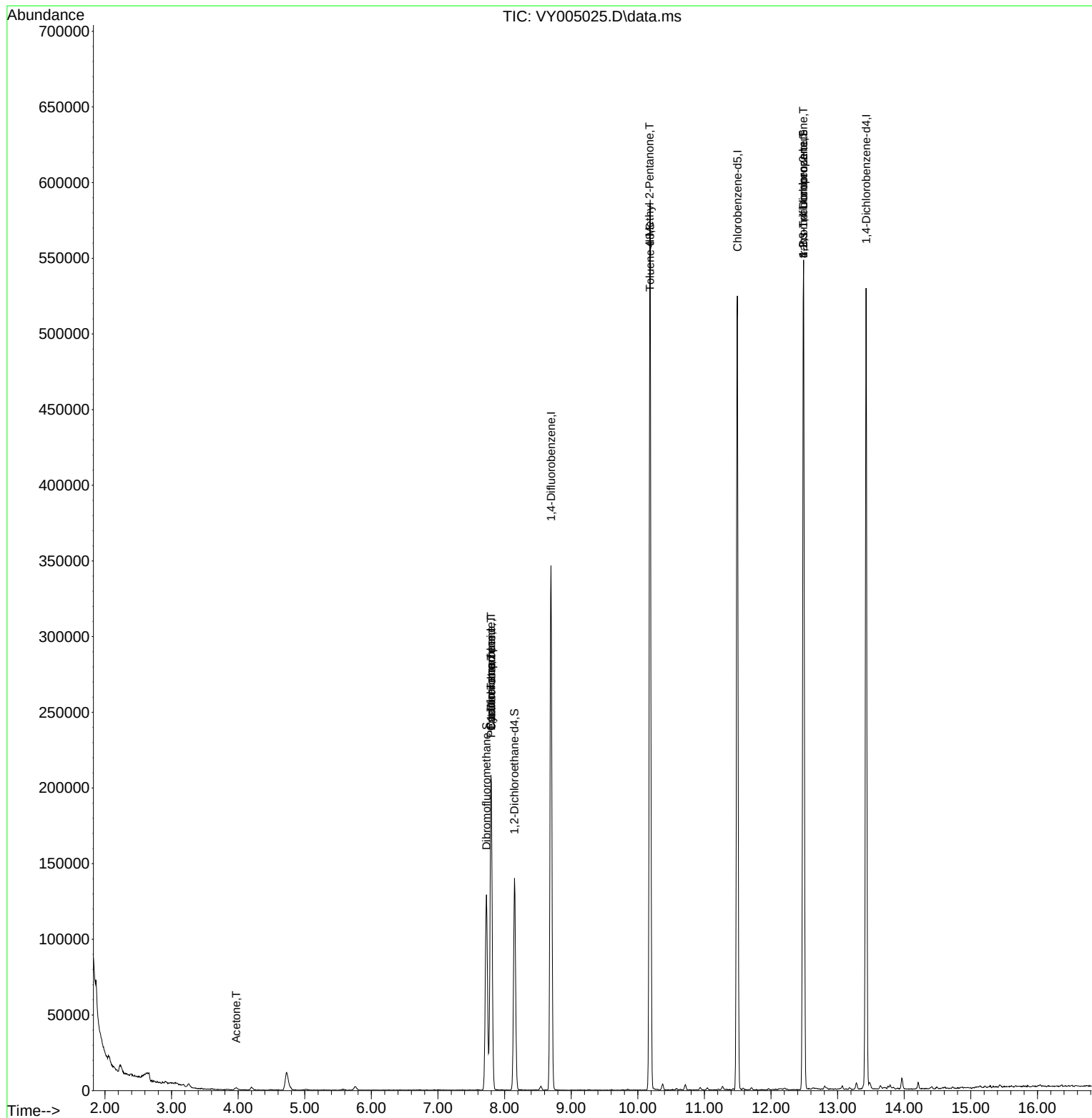
Internal Standards						
1) Pentafluorobenzene	7.801	168	156881	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	288799	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	279618	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	128271	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	102901	62.044	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.080%	
35) Dibromofluoromethane	7.728	113	90958	58.540	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.080%	
50) Toluene-d8	10.185	98	365577	56.652	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 113.300%	
62) 4-Bromofluorobenzene	12.483	95	122114	55.024	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 110.040%	
Target Compounds						
					Qvalue	
16) Acetone	3.973	43	2807	7.031	ug/l	97
20) Methylene Chloride	4.729	84	8169	Below Cal		92
31) Cyclohexane	7.795	56	3531	1.209	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	12920	4.571	ug/l #	48
38) Carbon Tetrachloride	7.795	117	16513	6.713	ug/l #	19
51) 4-Methyl-2-Pentanone	10.179	43	1770	1.012	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	66300	47.152	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	66300	86.654	ug/l #	16

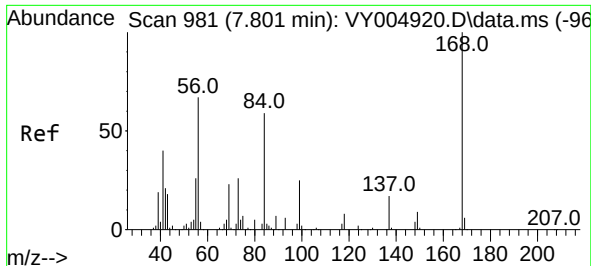
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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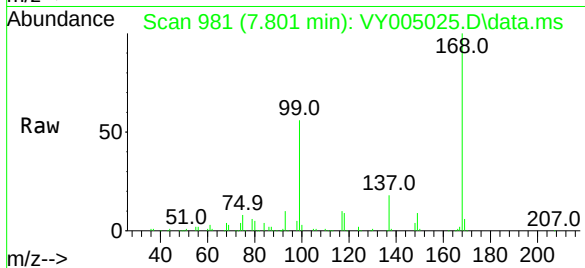
Quant Time: Jun 09 03:51:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 03 04:43:33 2021
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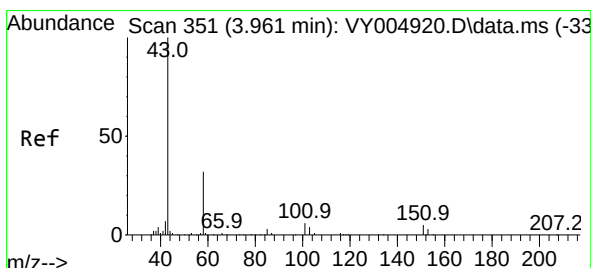
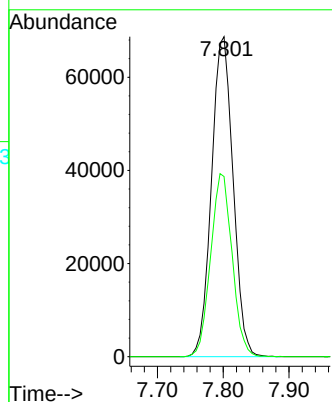
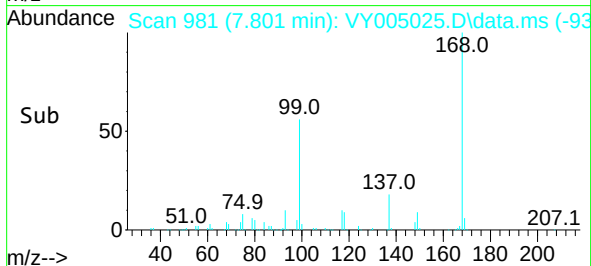


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005025.D
Acq: 08 Jun 2021 16:12

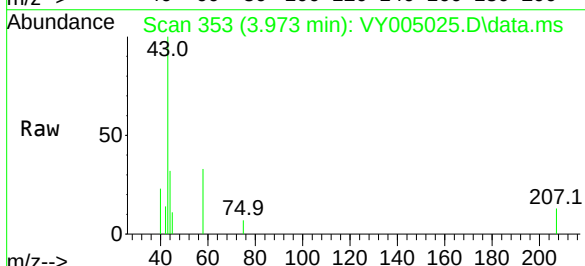
Instrument :
MSVOA_Y
ClientSampleId :



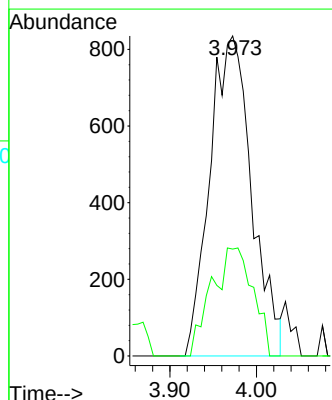
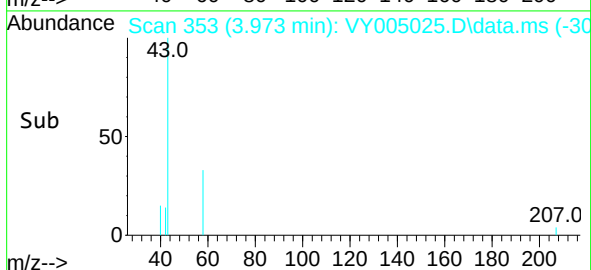
Tgt Ion:168 Resp: 156881
Ion Ratio Lower Upper
168 100
99 56.3 43.9 65.9

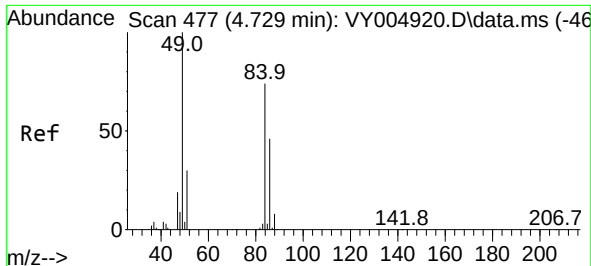


#16
Acetone
Concen: 7.031 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY005025.D
Acq: 08 Jun 2021 16:12



Tgt Ion: 43 Resp: 2807
Ion Ratio Lower Upper
43 100
58 33.4 25.3 37.9





#20

Methylene Chloride

Concen: Below Cal

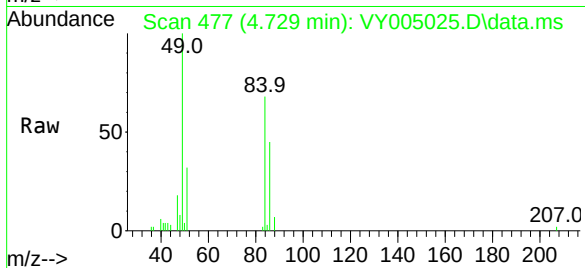
RT: 4.729 min Scan# 477

Delta R.T. -0.000 min

Lab File: VY005025.D

Acq: 08 Jun 2021 16:12

Instrument :
MSVOA_Y
ClientSampled :



Tgt Ion: 84 Resp: 8169

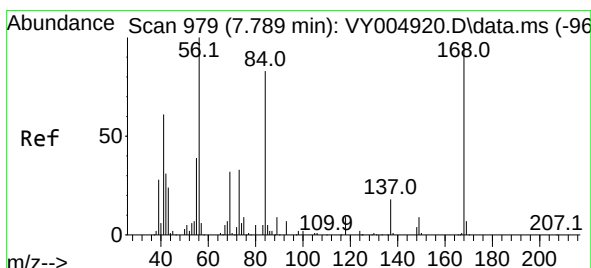
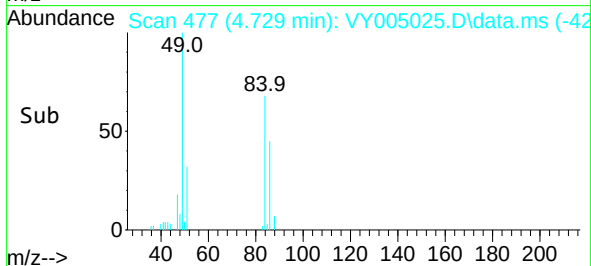
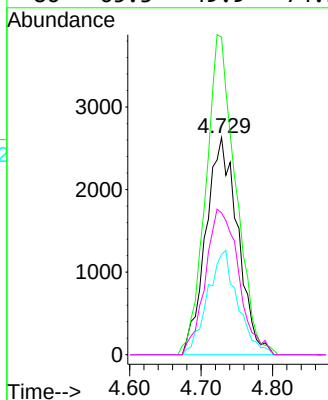
Ion Ratio Lower Upper

84 100

49 146.3 108.0 162.0

51 46.2 32.6 48.8

86 65.3 49.9 74.9



#31

Cyclohexane

Concen: 1.209 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.006 min

Lab File: VY005025.D

Acq: 08 Jun 2021 16:12

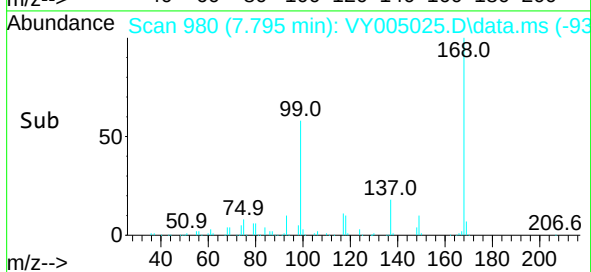
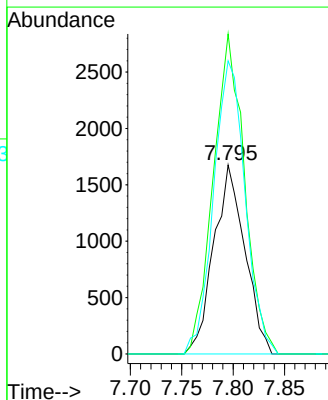
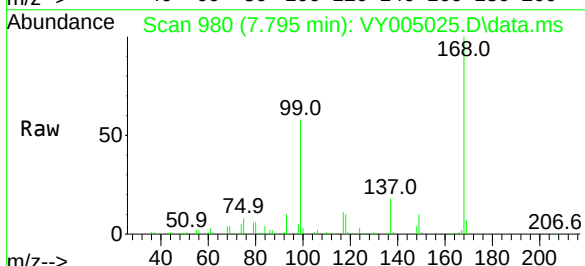
Tgt Ion: 56 Resp: 3531

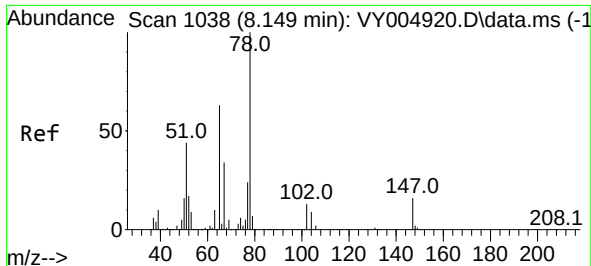
Ion Ratio Lower Upper

56 100

69 169.3 25.3 37.9#

84 155.1 66.2 99.4#



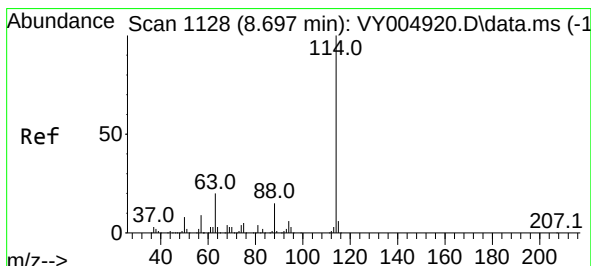
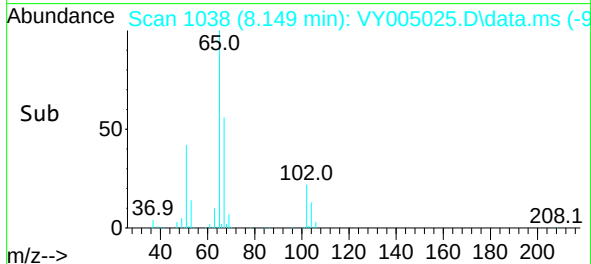
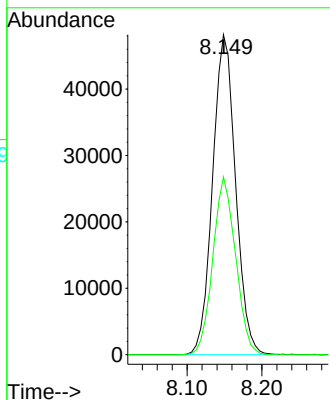
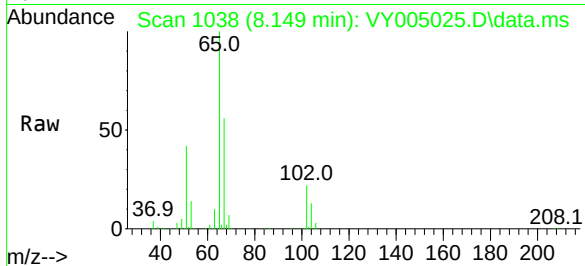


#33
 1,2-Dichloroethane-d4
 Concen: 62.044 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY005025.D
 Acq: 08 Jun 2021 16:12

Instrument :
 MSVOA_Y
 ClientSampled :

Tgt Ion: 65 Resp: 102901

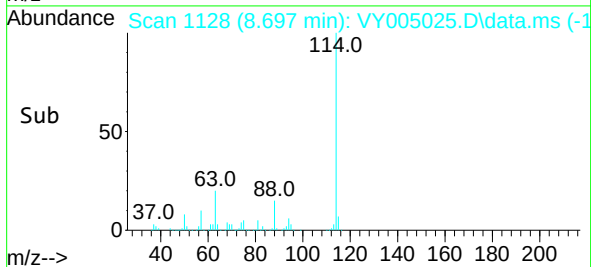
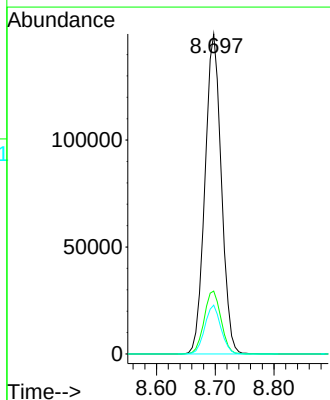
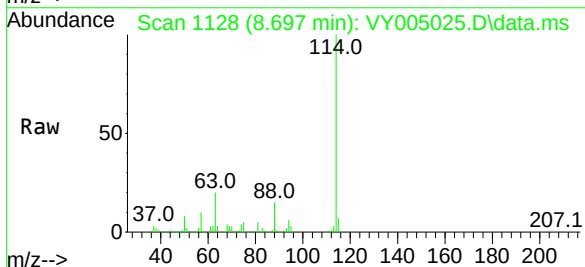
Ion	Ratio	Lower	Upper
65	100		
67	55.0	0.0	110.6

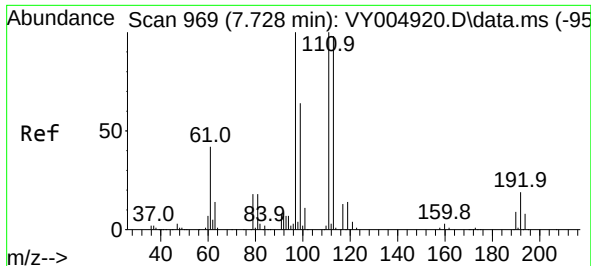


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY005025.D
 Acq: 08 Jun 2021 16:12

Tgt Ion: 114 Resp: 288799

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	41.0
88	15.3	0.0	30.6

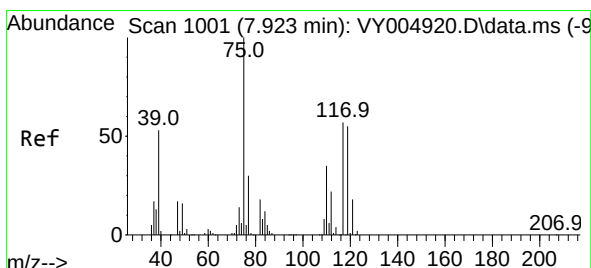
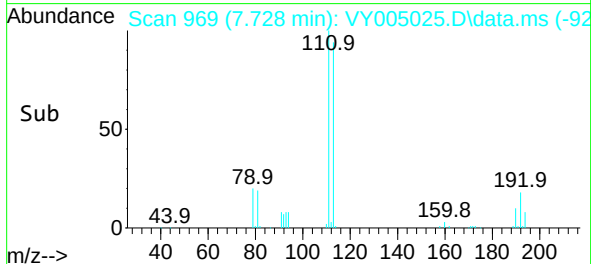
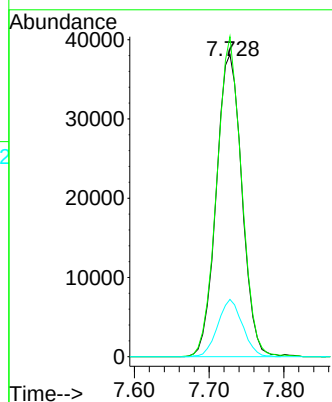
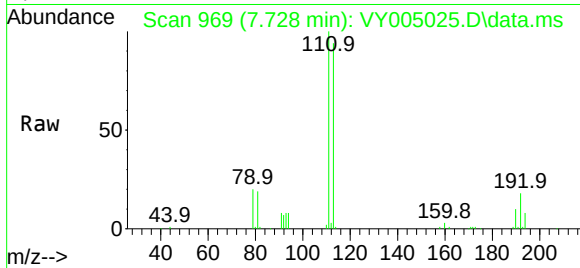




#35
Dibromofluoromethane
Concen: 58.540 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005025.D
Acq: 08 Jun 2021 16:12

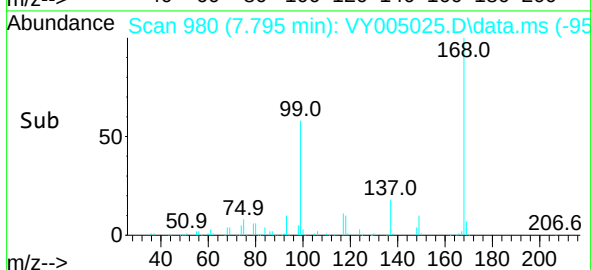
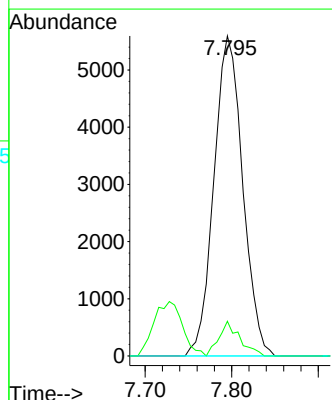
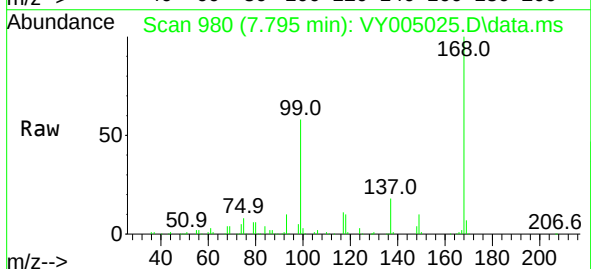
Instrument :
MSVOA_Y
ClientSampleId :

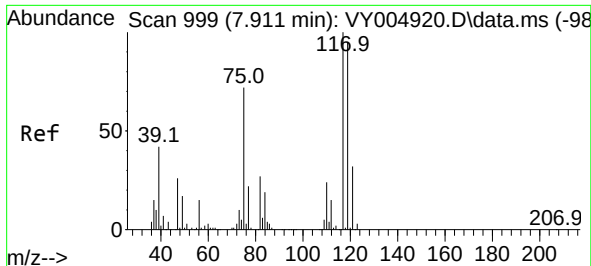
Tgt Ion:	113	Resp:	90958
Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.8	122.8
192	18.3	15.3	22.9



#36
1,1-Dichloropropene
Concen: 4.571 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005025.D
Acq: 08 Jun 2021 16:12

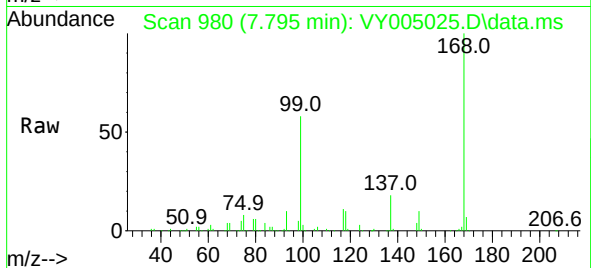
Tgt Ion:	75	Resp:	12920
Ion	Ratio	Lower	Upper
75	100		
110	7.8	17.5	52.5#
77	0.0	25.1	37.7#



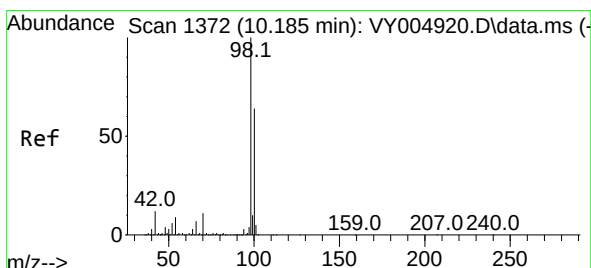
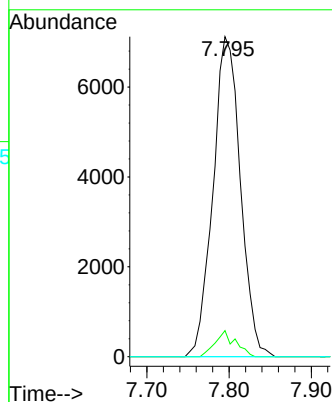
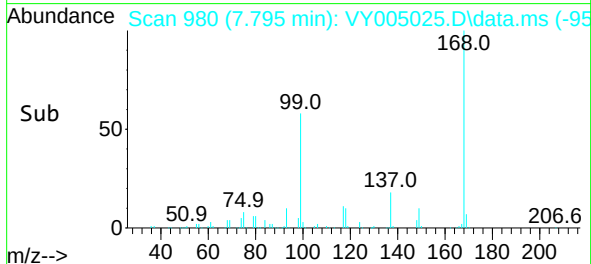


#38
Carbon Tetrachloride
Concen: 6.713 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005025.D
Acq: 08 Jun 2021 16:12

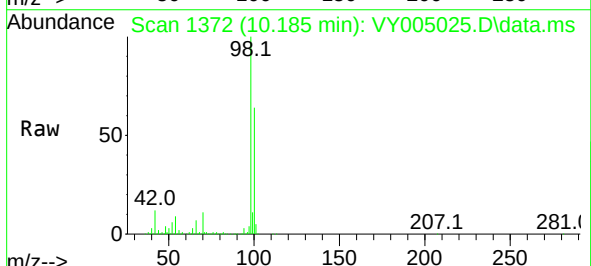
Instrument :
MSVOA_Y
ClientSampleId :



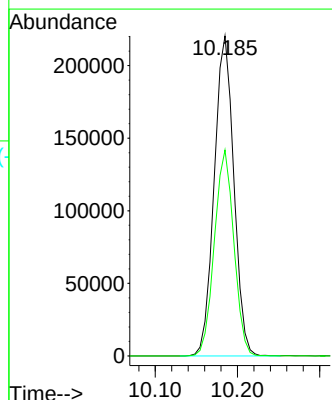
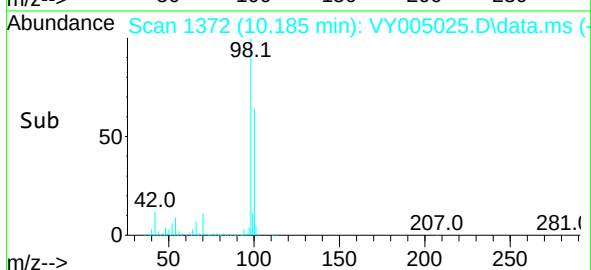
Tgt Ion:117 Resp: 16513
Ion Ratio Lower Upper
117 100
119 8.1 76.1 114.1#
121 0.0 25.5 38.3#

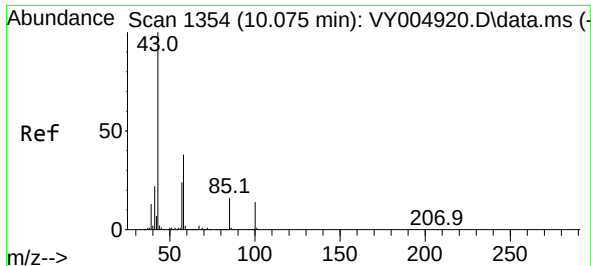


#50
Toluene-d8
Concen: 56.652 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005025.D
Acq: 08 Jun 2021 16:12



Tgt Ion: 98 Resp: 365577
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.6

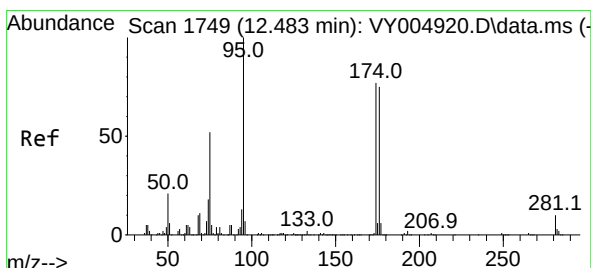
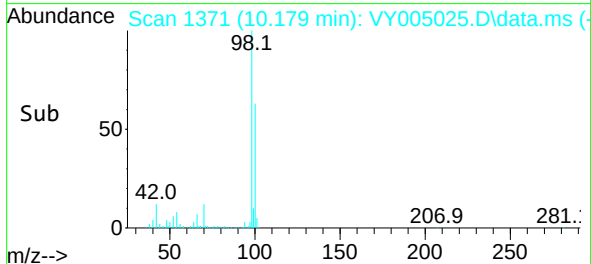
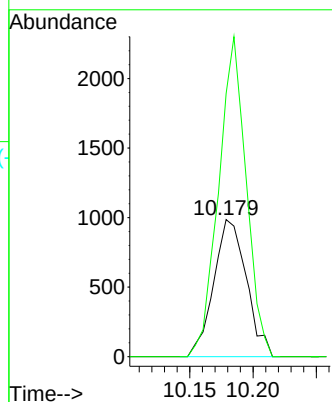
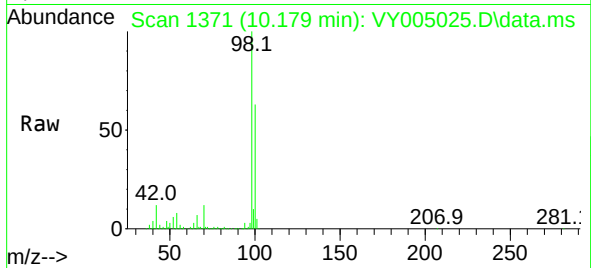




#51
4-Methyl-2-Pentanone
Concen: 1.012 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.103 min
Lab File: VY005025.D
Acq: 08 Jun 2021 16:12

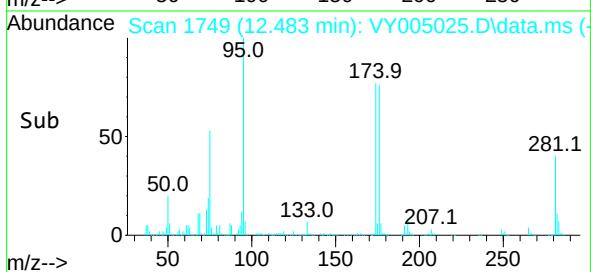
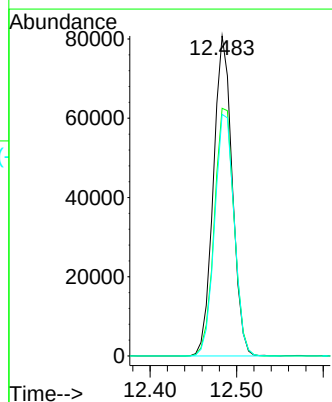
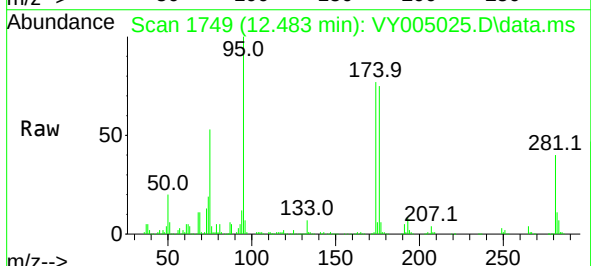
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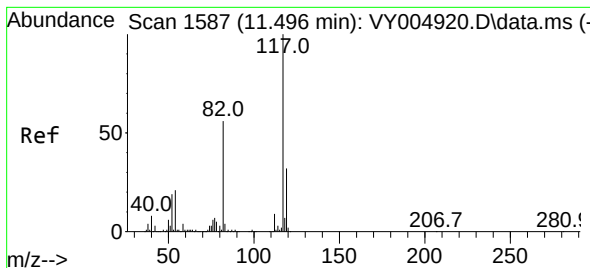
Tgt Ion: 43 Resp: 1770
Ion Ratio Lower Upper
43 100
58 197.3 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 55.024 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005025.D
Acq: 08 Jun 2021 16:12

Tgt Ion: 95 Resp: 122114
Ion Ratio Lower Upper
95 100
174 80.9 0.0 160.8
176 78.3 0.0 155.6

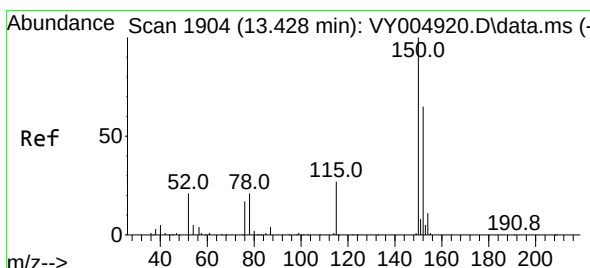
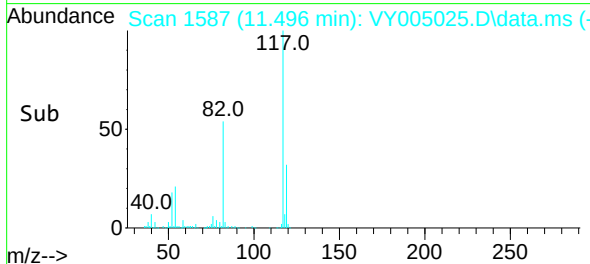
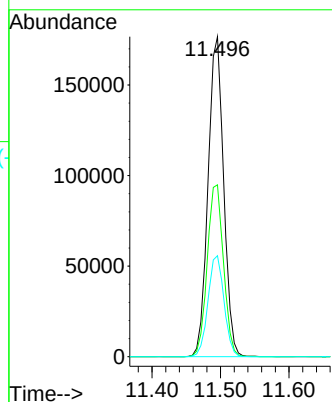
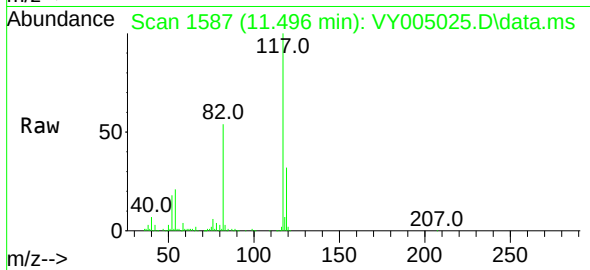




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005025.D
Acq: 08 Jun 2021 16:12

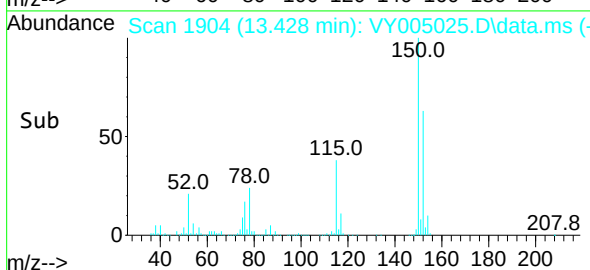
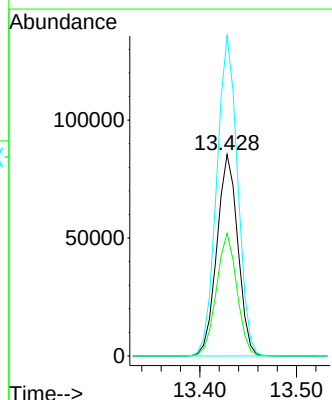
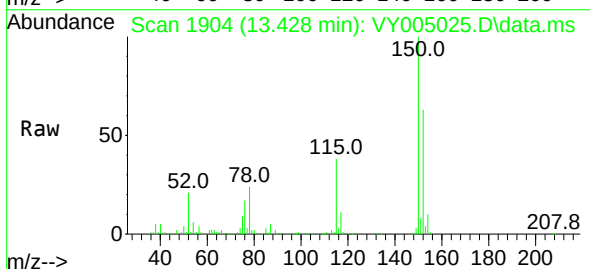
Instrument :
MSVOA_Y
ClientSampleId :

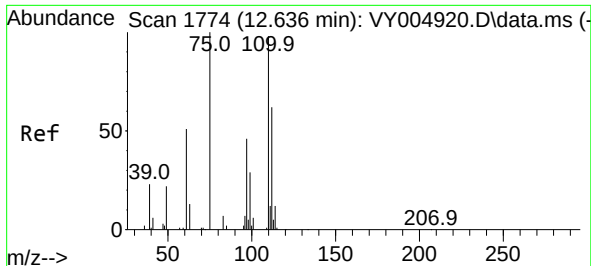
Tgt Ion:117 Resp: 279618
Ion Ratio Lower Upper
117 100
82 53.7 44.8 67.2
119 31.6 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005025.D
Acq: 08 Jun 2021 16:12

Tgt Ion:152 Resp: 128271
Ion Ratio Lower Upper
152 100
115 59.5 29.9 89.7
150 158.8 0.0 347.8

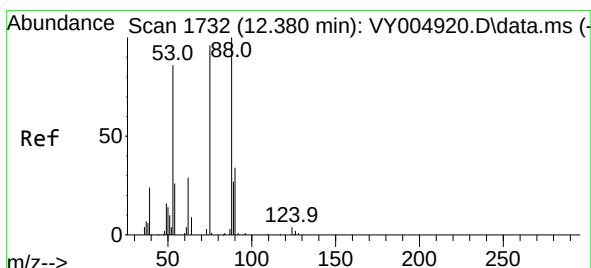
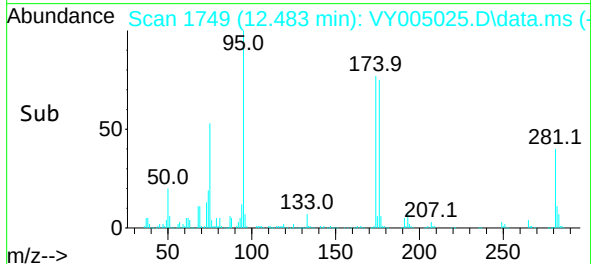
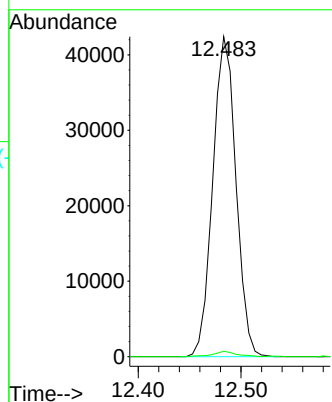
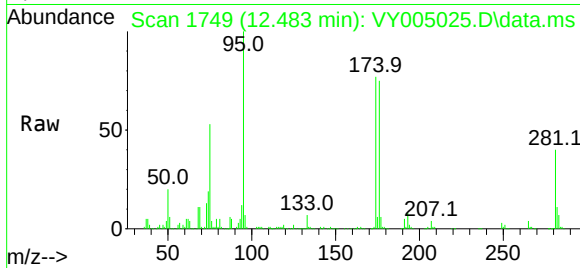




#76
1,2,3-Trichloropropane
Concen: 47.152 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005025.D
Acq: 08 Jun 2021 16:12

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 66300
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.654 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005025.D
Acq: 08 Jun 2021 16:12

Tgt Ion: 75 Resp: 66300
Ion Ratio Lower Upper
75 100
53 0.3 69.3 103.9#
89 1.1 35.0 52.6#

