

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092921\
 Data File : VY006219.D
 Acq On : 29 Sep 2021 17:38
 Operator : SY/MD
 Sample : M3988-01
 Misc : 5.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 30 07:34:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

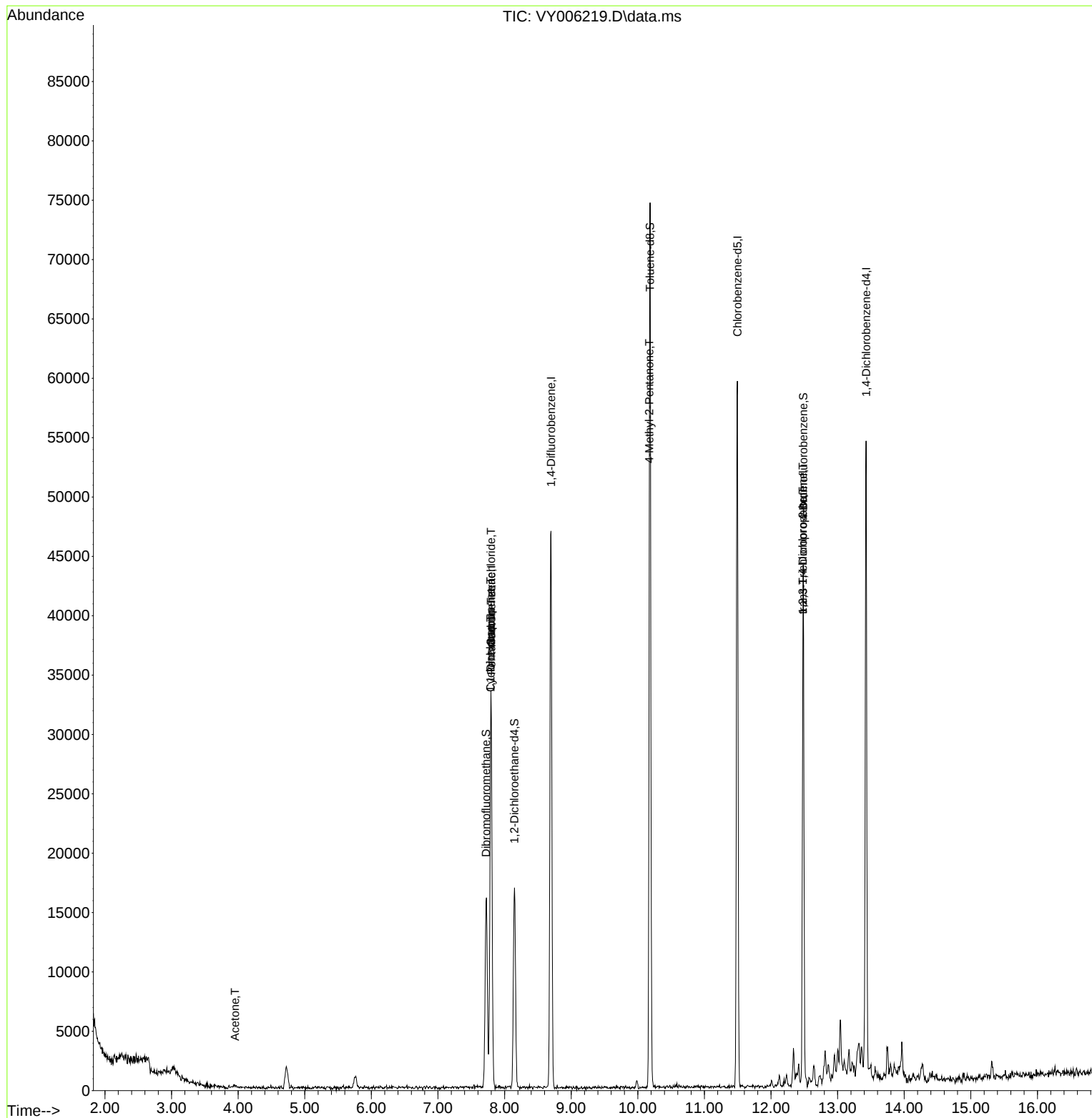
Internal Standards						
1) Pentafluorobenzene	7.801	168	25590	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	38472	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	32273	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	13441	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	14349	52.390	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.780%	
35) Dibromofluoromethane	7.722	113	10778	52.437	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.880%	
50) Toluene-d8	10.185	98	46994	54.630	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.260%	
62) 4-Bromofluorobenzene	12.483	95	12831	43.907	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 87.820%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	421	5.503	ug/l #	47
20) Methylene Chloride	4.716	84	629	Below Cal	#	68
31) Cyclohexane	7.789	56	556	1.072	ug/l #	28
36) 1,1-Dichloropropene	7.789	75	1992	5.204	ug/l #	50
38) Carbon Tetrachloride	7.795	117	2653	6.564	ug/l #	11
51) 4-Methyl-2-Pentanone	10.173	43	270	1.216	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	6836	52.327	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	6836	102.830	ug/l #	7

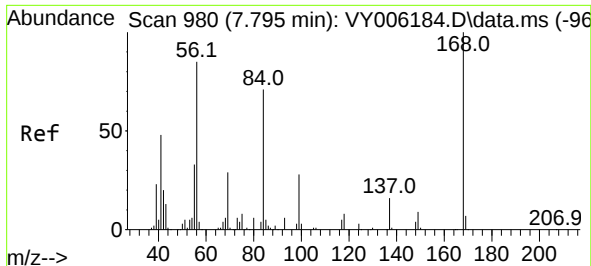
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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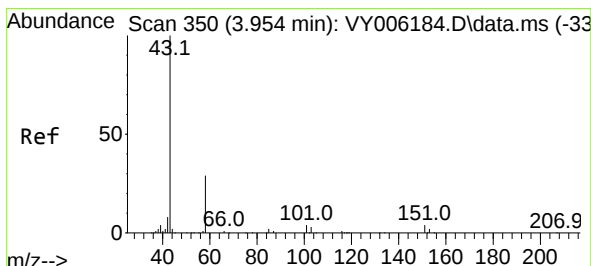
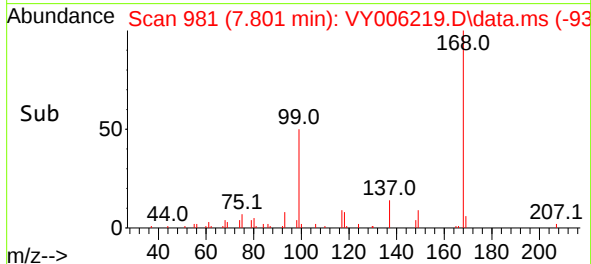
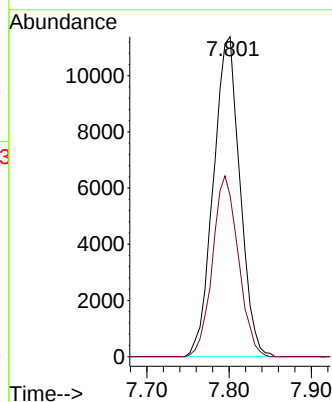
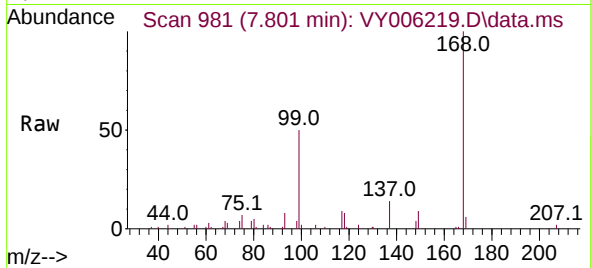




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006219.D
Acq: 29 Sep 2021 17:38

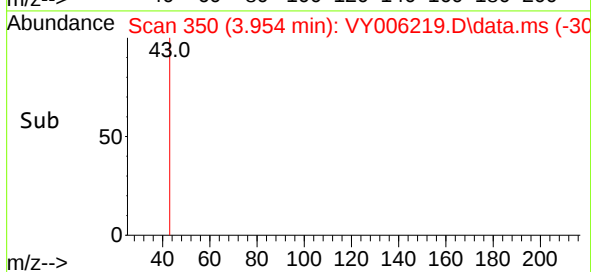
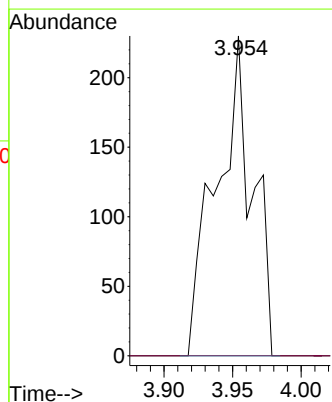
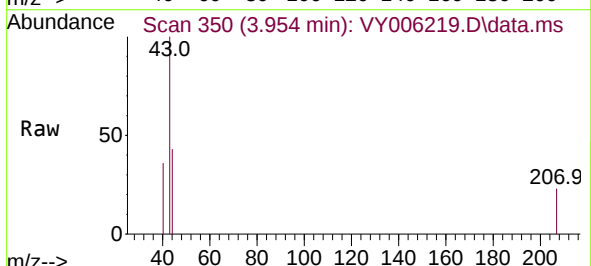
Instrument :
MSVOA_Y
ClientSampleId :

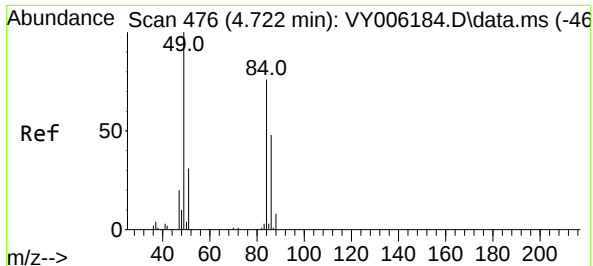
Tgt Ion:168 Resp: 25590
Ion Ratio Lower Upper
168 100
99 50.3 46.9 70.3



#16
Acetone
Concen: 5.503 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006219.D
Acq: 29 Sep 2021 17:38

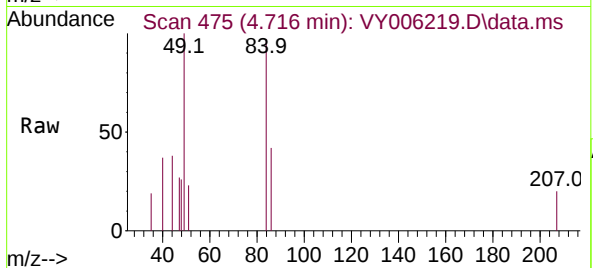
Tgt Ion: 43 Resp: 421
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#





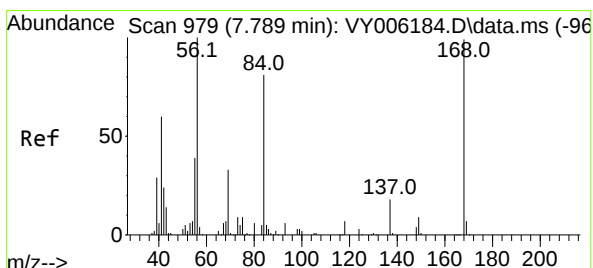
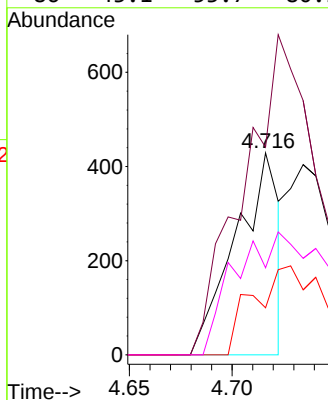
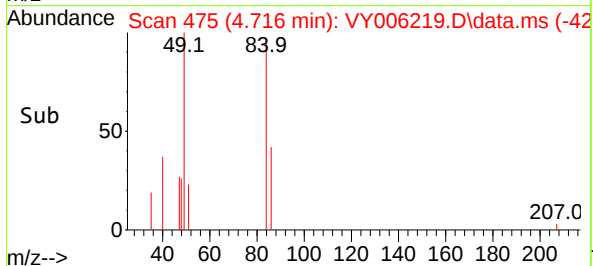
#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY006219.D
Acq: 29 Sep 2021 17:38

Instrument :
MSVOA_Y
ClientSampleId :

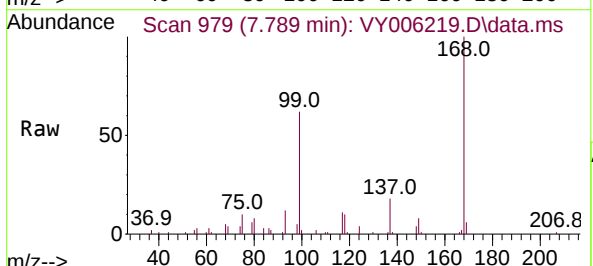


Tgt Ion: 84 Resp: 629

Ion	Ratio	Lower	Upper
84	100		
49	102.8	114.4	171.6#
51	23.3	35.3	52.9#
86	43.1	53.7	80.5#

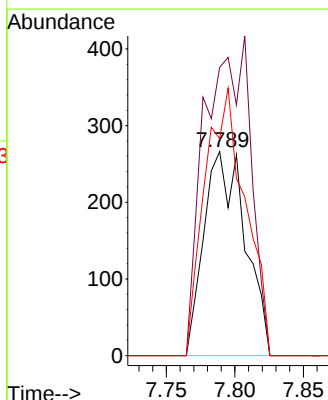
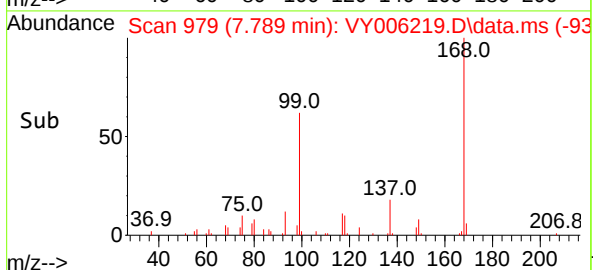


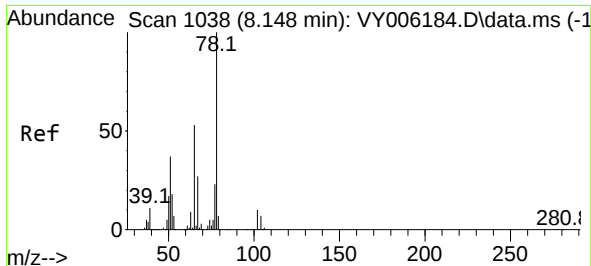
#31
Cyclohexane
Concen: 1.072 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY006219.D
Acq: 29 Sep 2021 17:38



Tgt Ion: 56 Resp: 556

Ion	Ratio	Lower	Upper
56	100		
69	141.4	26.7	40.1#
84	106.4	67.2	100.8#

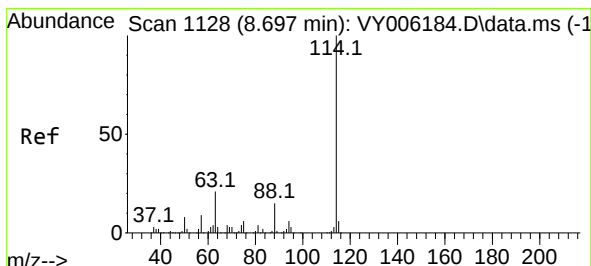
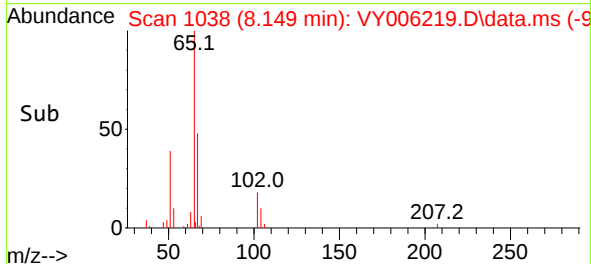
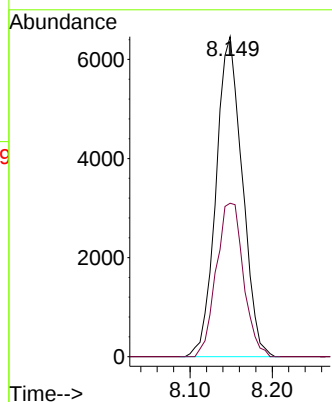
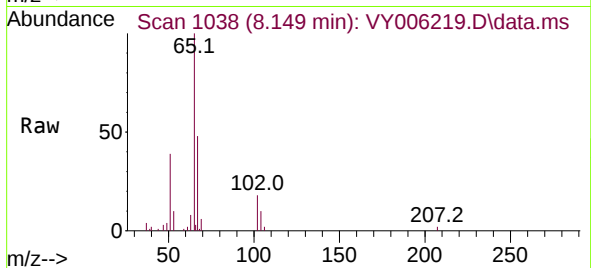




#33
1,2-Dichloroethane-d4
Concen: 52.390 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006219.D
Acq: 29 Sep 2021 17:38

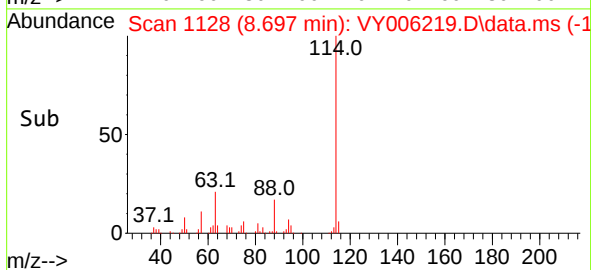
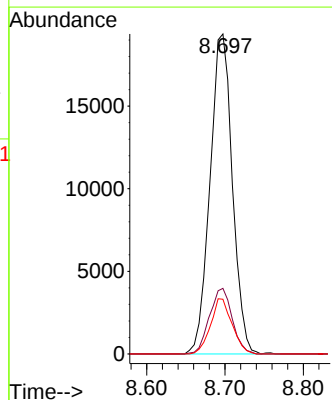
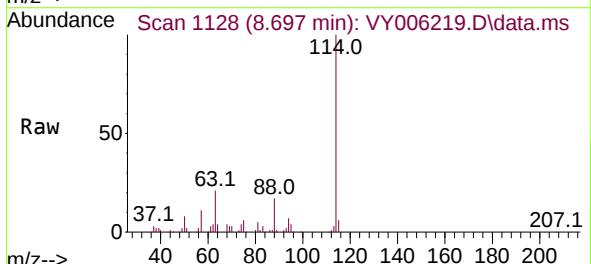
Instrument :
MSVOA_Y
ClientSampleId :

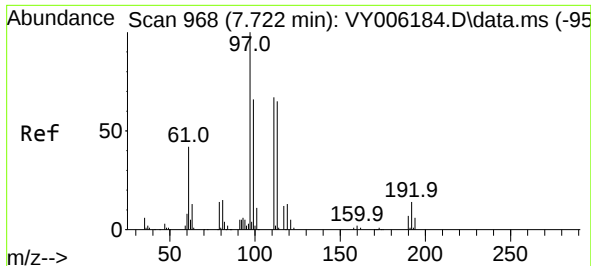
Tgt Ion: 65 Resp: 14349
Ion Ratio Lower Upper
65 100
67 49.6 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006219.D
Acq: 29 Sep 2021 17:38

Tgt Ion: 114 Resp: 38472
Ion Ratio Lower Upper
114 100
63 20.5 0.0 43.2
88 17.1 0.0 31.8

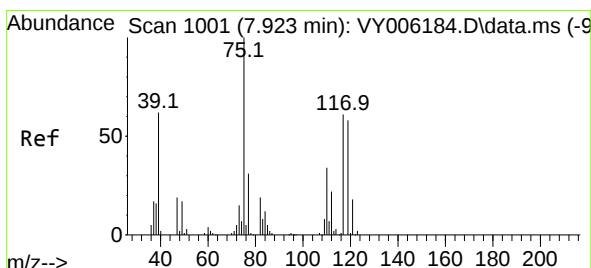
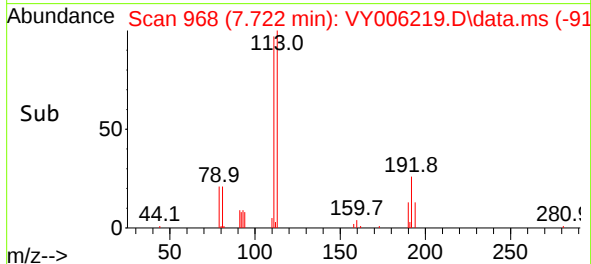
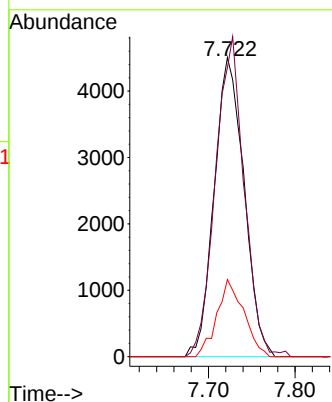
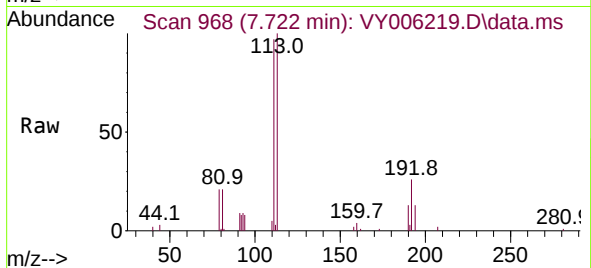




#35
Dibromofluoromethane
Concen: 52.437 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006219.D
Acq: 29 Sep 2021 17:38

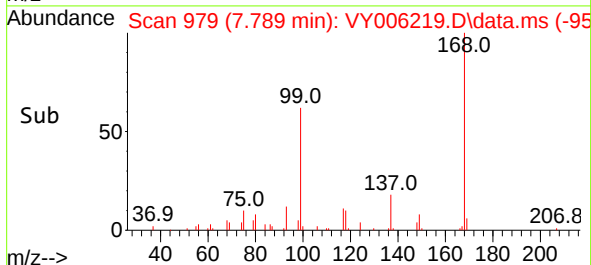
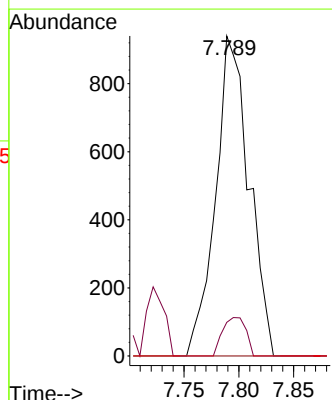
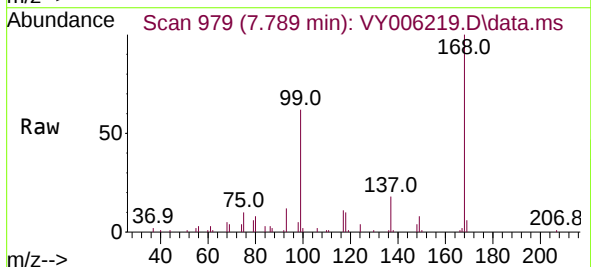
Instrument :
MSVOA_Y
ClientSampleId :

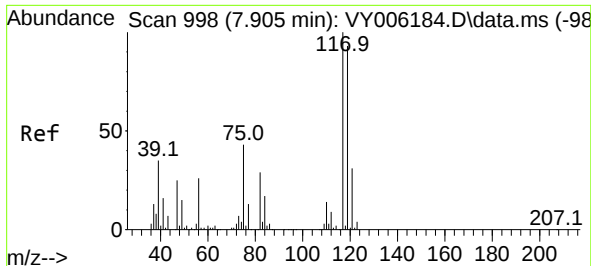
Tgt Ion:	113	Resp:	10778
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.6	124.0
192	23.3	17.6	26.4



#36
1,1-Dichloropropene
Concen: 5.204 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY006219.D
Acq: 29 Sep 2021 17:38

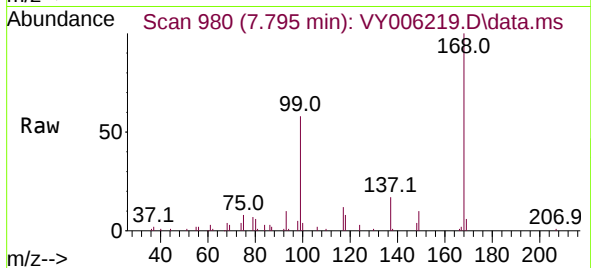
Tgt Ion:	75	Resp:	1992
Ion	Ratio	Lower	Upper
75	100		
110	8.4	17.1	51.2#
77	0.0	24.4	36.6#



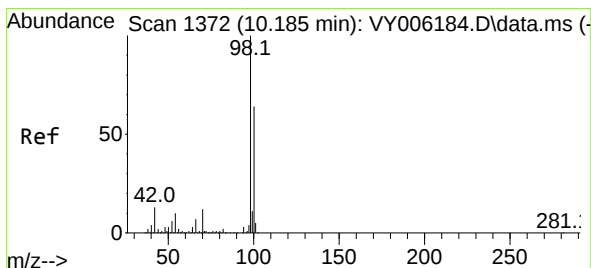
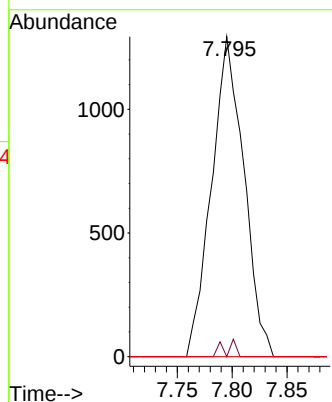
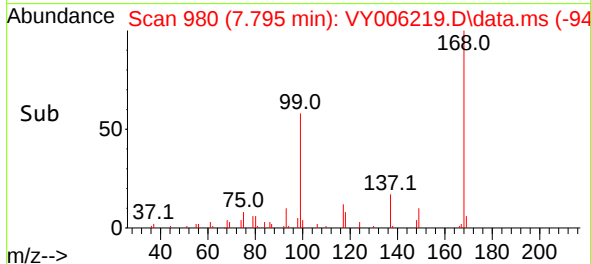


#38
Carbon Tetrachloride
Concen: 6.564 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006219.D
Acq: 29 Sep 2021 17:38

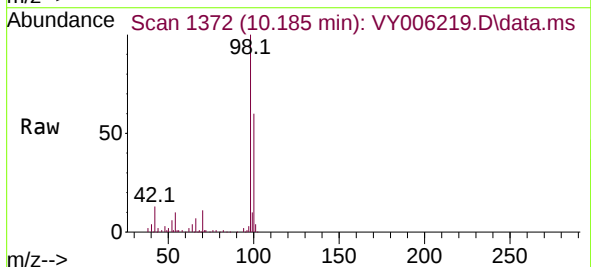
Instrument :
MSVOA_Y
ClientSampleId :



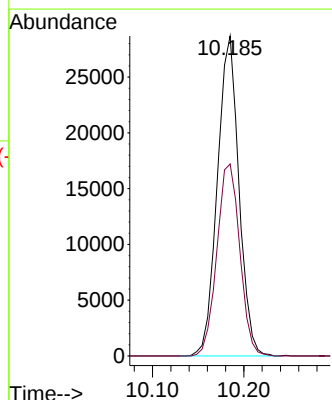
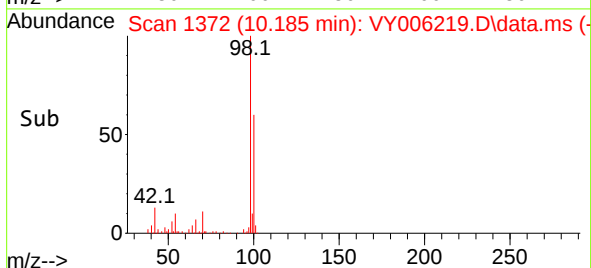
Tgt Ion: 117 Resp: 2653
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#

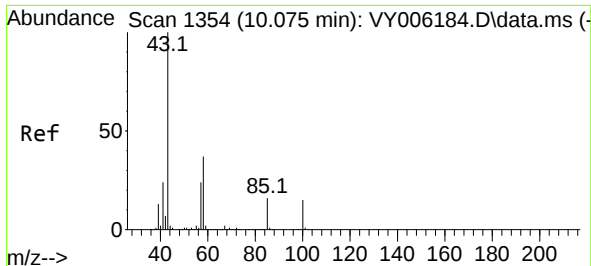


#50
Toluene-d8
Concen: 54.630 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006219.D
Acq: 29 Sep 2021 17:38



Tgt Ion: 98 Resp: 46994
Ion Ratio Lower Upper
98 100
100 63.7 50.2 75.2

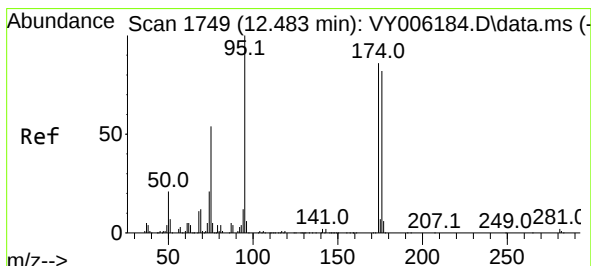
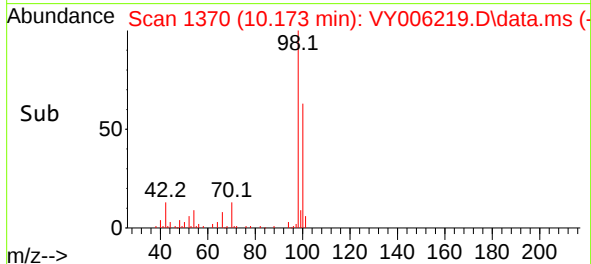
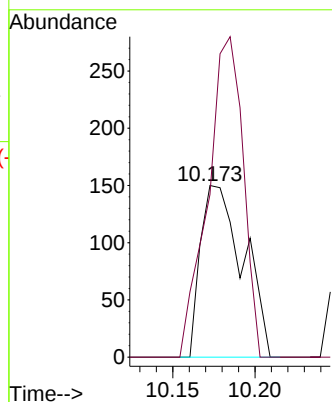
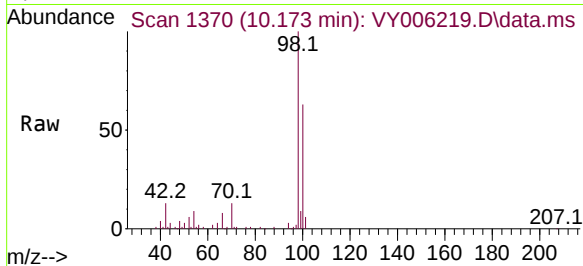




#51
4-Methyl-2-Pentanone
Concen: 1.216 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.098 min
Lab File: VY006219.D
Acq: 29 Sep 2021 17:38

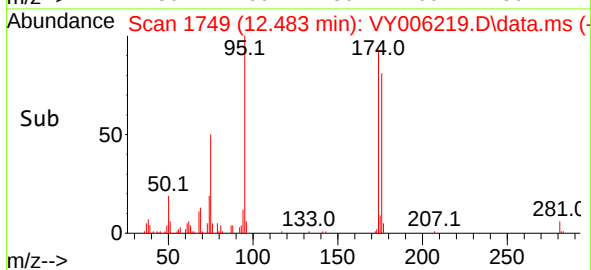
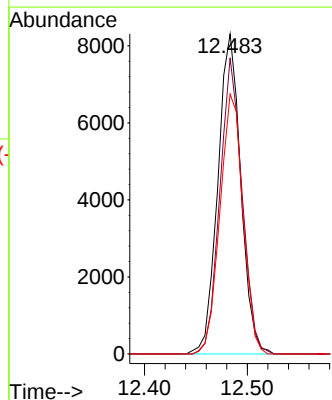
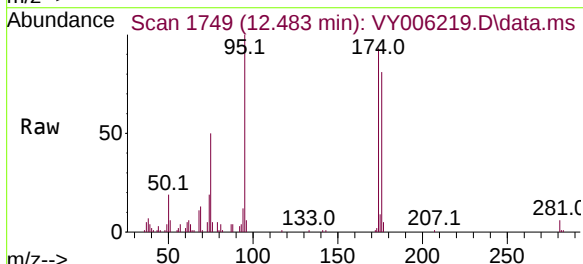
Instrument :
MSVOA_Y
ClientSampled :

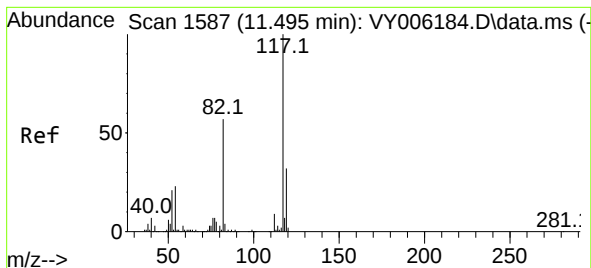
Tgt Ion: 43 Resp: 270
Ion Ratio Lower Upper
43 100
58 154.8 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 43.907 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006219.D
Acq: 29 Sep 2021 17:38

Tgt Ion: 95 Resp: 12831
Ion Ratio Lower Upper
95 100
174 89.3 0.0 177.0
176 81.6 0.0 175.8

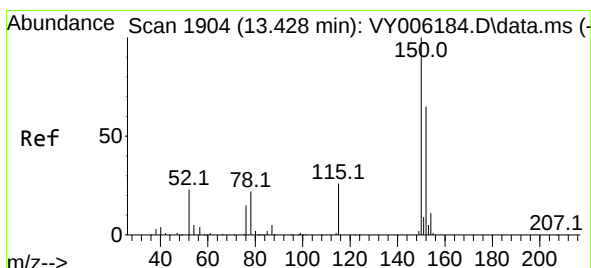
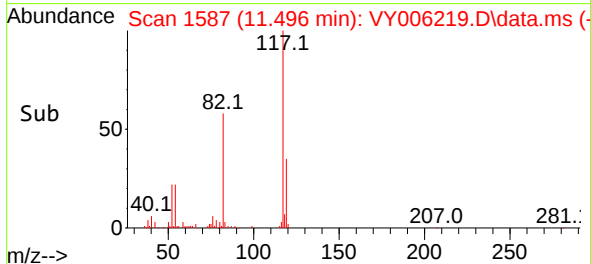
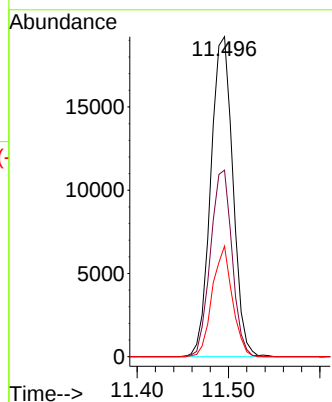
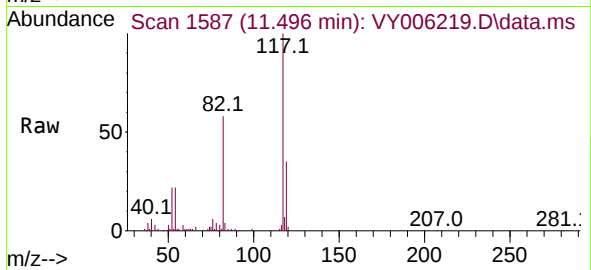




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006219.D
Acq: 29 Sep 2021 17:38

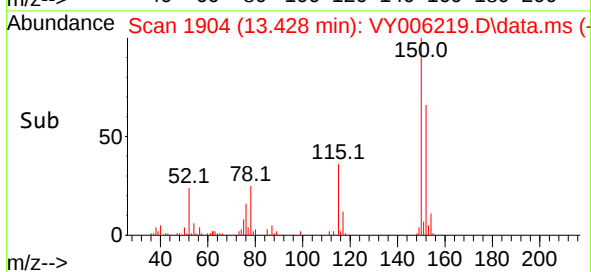
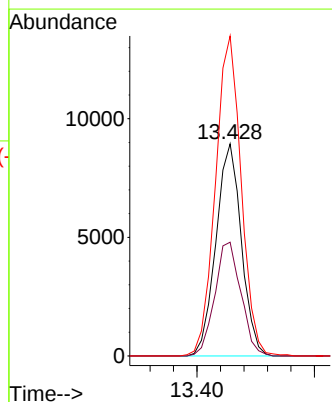
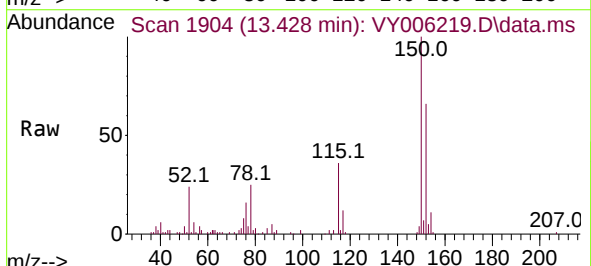
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:	117	Resp:	32273
Ion Ratio	Lower	Upper	
117	100		
82	58.3	43.0	64.4
119	34.6	25.4	38.0

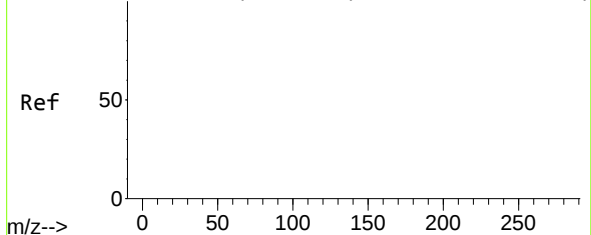


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006219.D
Acq: 29 Sep 2021 17:38

Tgt Ion:	152	Resp:	13441
Ion Ratio	Lower	Upper	
152	100		
115	55.1	28.2	84.7
150	152.6	0.0	347.6



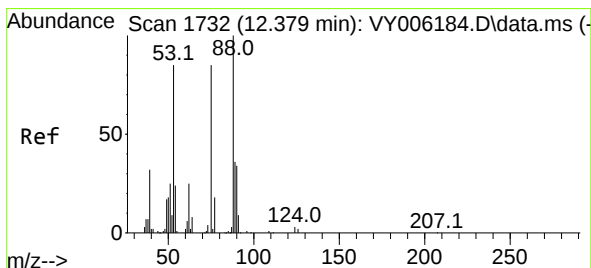
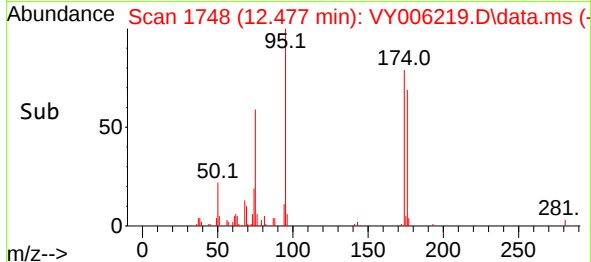
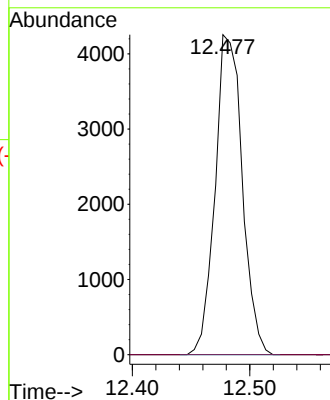
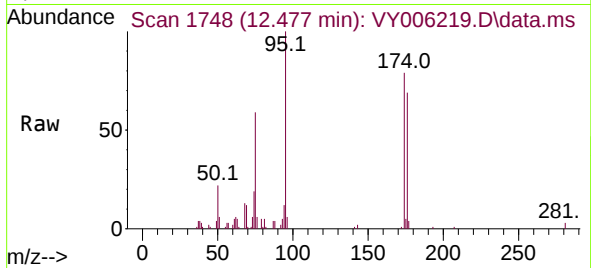
Abundance Scan 1774 (12.635 min): VY006184.D\data.ms (-



#76
1,2,3-Trichloropropane
Concen: 52.327 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY006219.D
Acq: 29 Sep 2021 17:38

Tgt Ion: 75 Resp: 6836
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

Instrument :
MSVOA_Y
ClientSampled :



#81
trans-1,4-Dichloro-2-butene
Concen: 102.830 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY006219.D
Acq: 29 Sep 2021 17:38

Tgt Ion: 75 Resp: 6836
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

