

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052721\
 Data File : VY004900.D
 Acq On : 27 May 2021 15:00
 Operator : SY/MD
 Sample : M2535-09
 Misc : 5.62G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GHOST-5

Quant Time: May 27 15:06:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

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

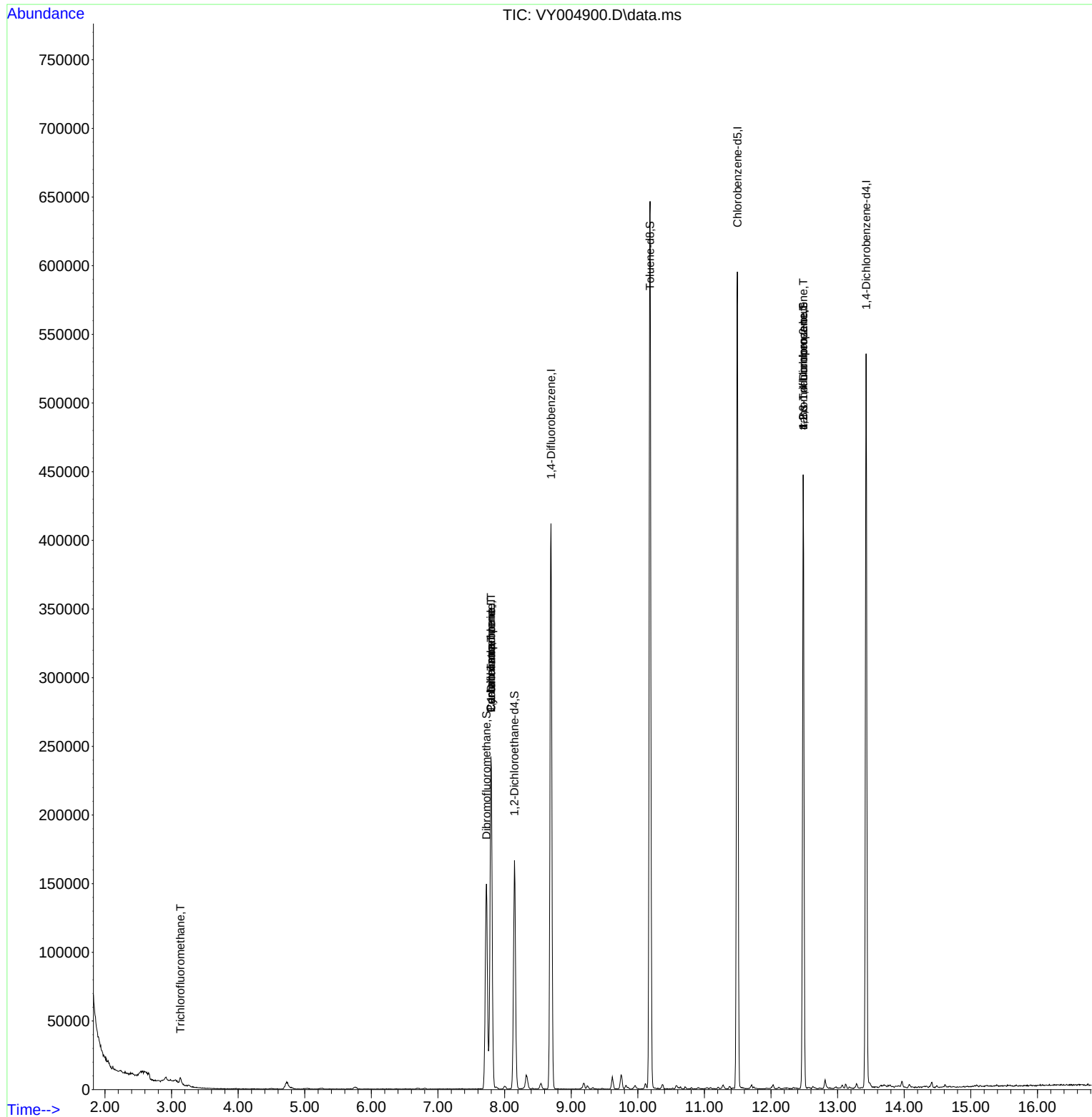
Internal Standards						
1) Pentafluorobenzene	7.795	168	177044	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	335868	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	308164	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	126791	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	122085	57.93	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.86%
35) Dibromofluoromethane	7.728	113	102206	55.59	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.18%
50) Toluene-d8	10.185	98	415002	49.96	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.92%
62) 4-Bromofluorobenzene	12.483	95	125494	44.76	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.52%
Target Compounds						
					Qvalue	
7) Trichlorofluoromethane	3.131	101	3866	1.21	ug/l	91
20) Methylene Chloride	4.728	84	3225	Below Cal	#	94
31) Cyclohexane	7.795	56	4789	1.40	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	15127	4.39	ug/l #	50
38) Carbon Tetrachloride	7.795	117	19034	6.15	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	69024	51.25	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	69024	88.87	ug/l #	13

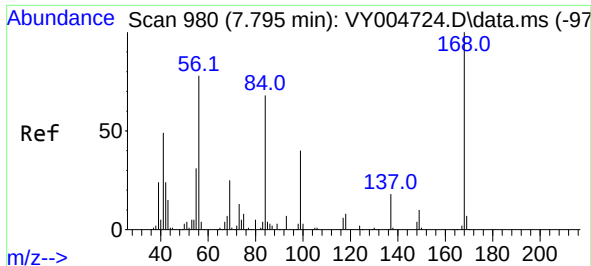
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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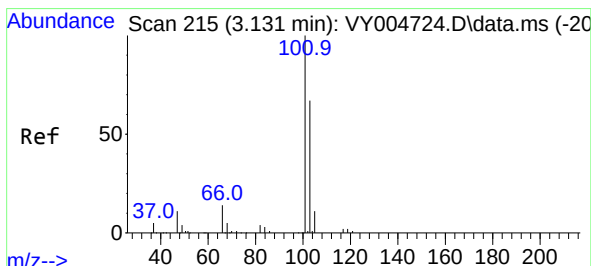
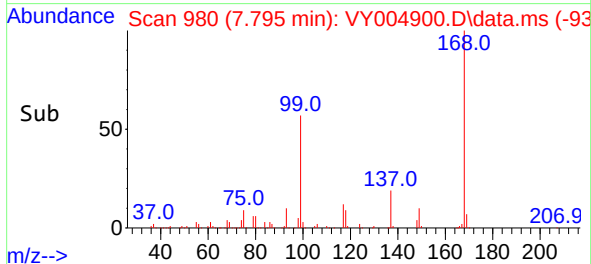
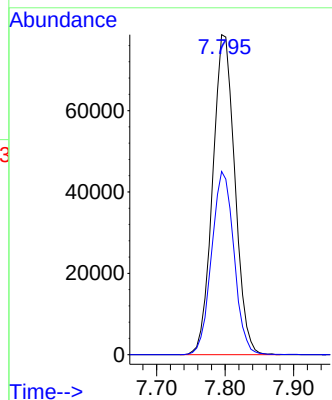
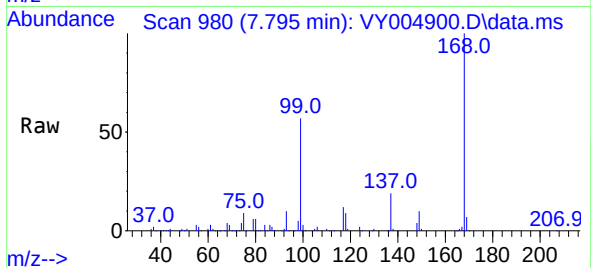




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY004900.D
Acq: 27 May 2021 15:00

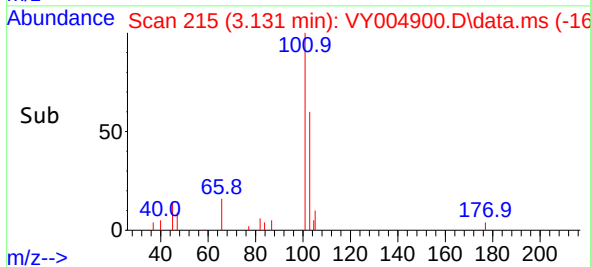
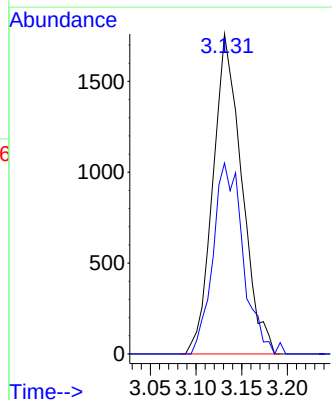
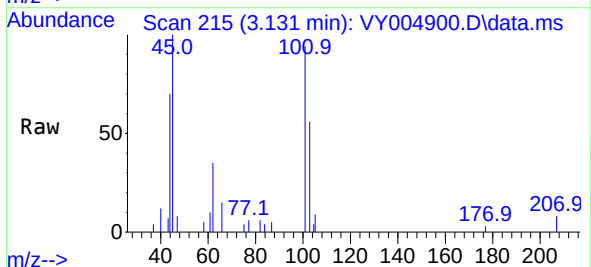
Instrument :
MSVOA_Y
ClientSampleId :
GHOST-5

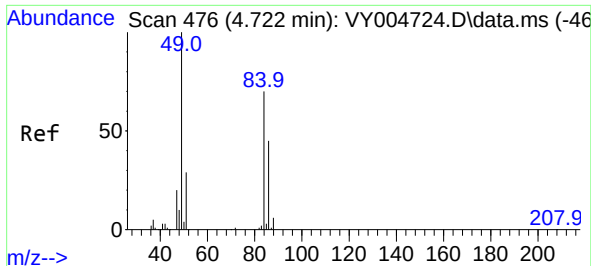
Tgt Ion:168 Resp: 177044
Ion Ratio Lower Upper
168 100
99 57.2 45.6 68.4



#7
Trichlorofluoromethane
Concen: 1.21 ug/l
RT: 3.131 min Scan# 215
Delta R.T. -0.000 min
Lab File: VY004900.D
Acq: 27 May 2021 15:00

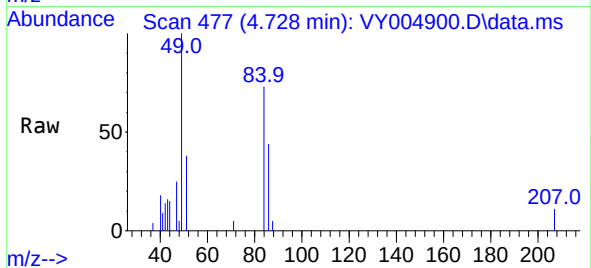
Tgt Ion:101 Resp: 3866
Ion Ratio Lower Upper
101 100
103 59.6 53.4 80.2



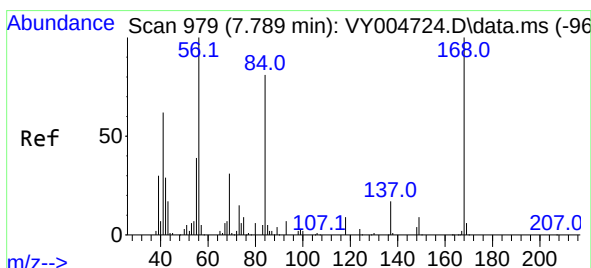
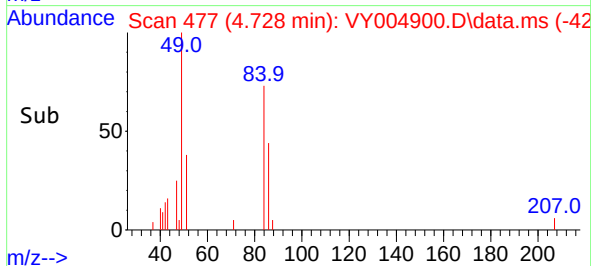
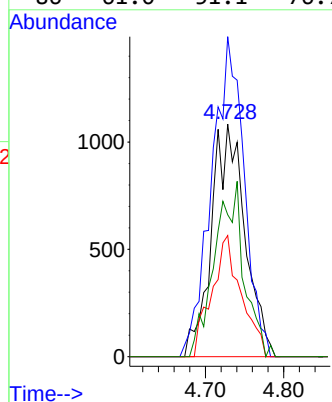


#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY004900.D
Acq: 27 May 2021 15:00

Instrument :
MSVOA_Y
ClientSampleId :
GHOST-5

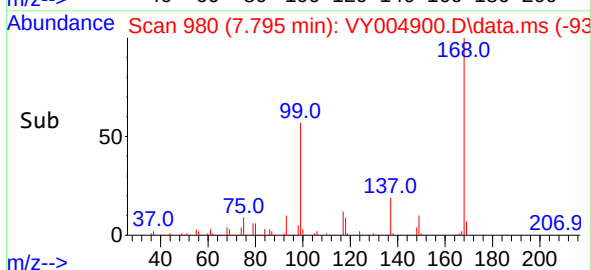
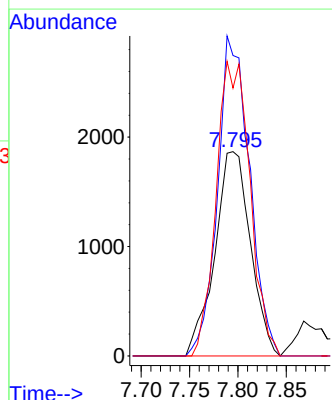
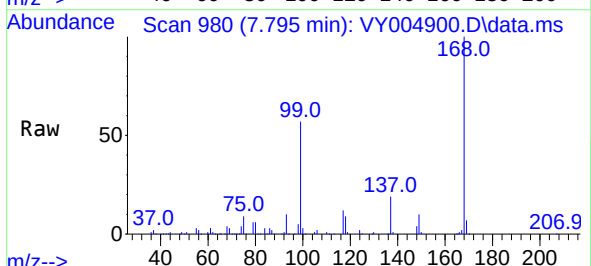


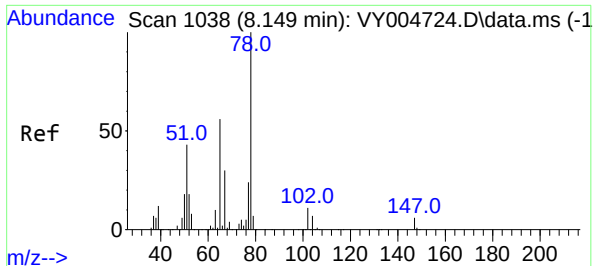
Tgt Ion: 84 Resp: 3225
Ion Ratio Lower Upper
84 100
49 137.5 113.8 170.8
51 52.0 33.5 50.3#
86 61.0 51.1 76.7



#31
Cyclohexane
Concen: 1.40 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004900.D
Acq: 27 May 2021 15:00

Tgt Ion: 56 Resp: 4789
Ion Ratio Lower Upper
56 100
69 147.1 24.4 36.6#
84 131.0 64.8 97.2#

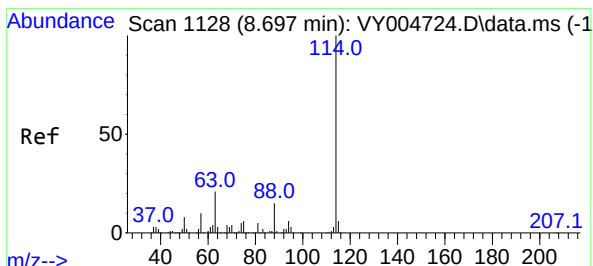
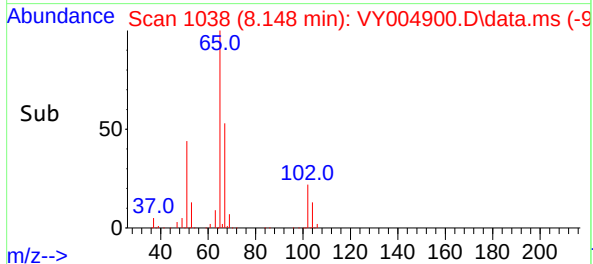
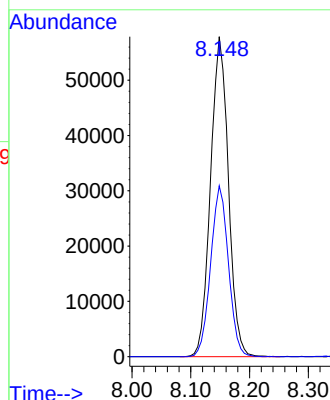
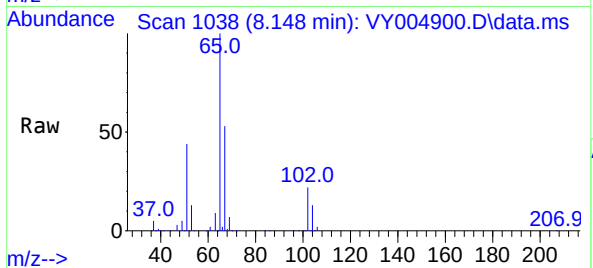




#33
1,2-Dichloroethane-d4
Concen: 57.93 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004900.D
Acq: 27 May 2021 15:00

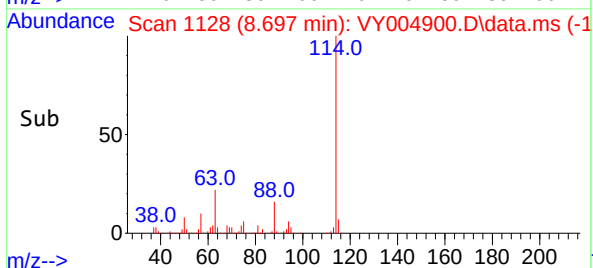
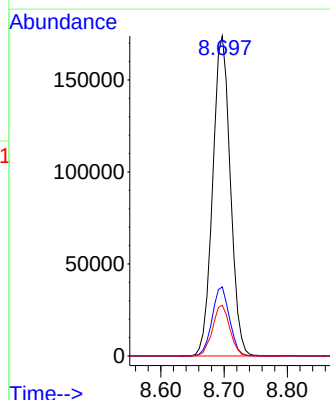
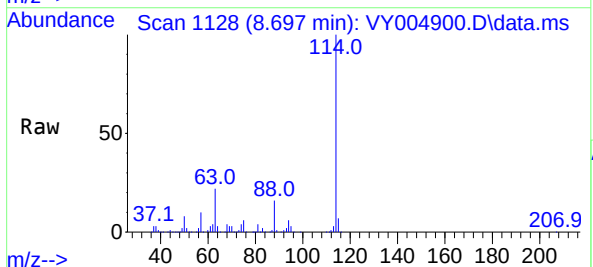
Instrument :
MSVOA_Y
ClientSampled :
GHOST-5

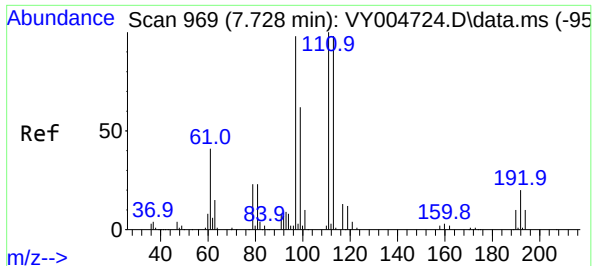
Tgt Ion: 65 Resp: 122085
Ion Ratio Lower Upper
65 100
67 53.1 0.0 108.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004900.D
Acq: 27 May 2021 15:00

Tgt Ion:114 Resp: 335868
Ion Ratio Lower Upper
114 100
63 21.6 0.0 42.8
88 15.8 0.0 31.0



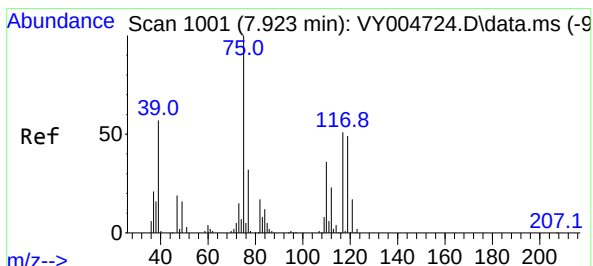
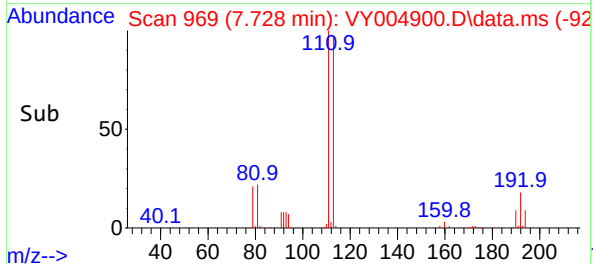
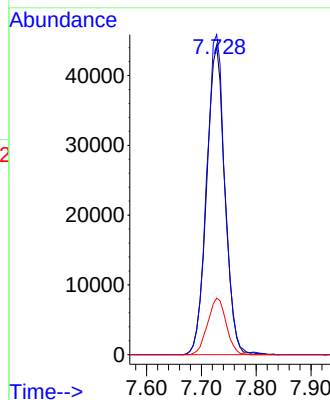
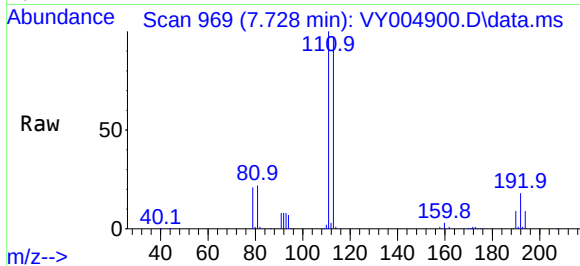


#35
Dibromofluoromethane
Concen: 55.59 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004900.D
Acq: 27 May 2021 15:00

Instrument :
MSVOA_Y
ClientSampleId :
GHOST-5

Tgt Ion:113 Resp: 102206

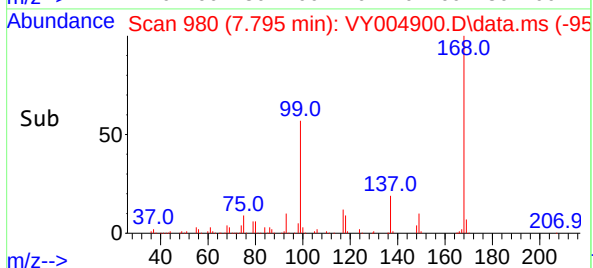
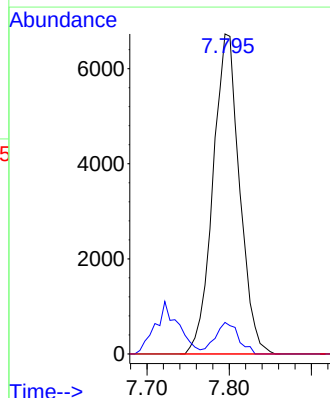
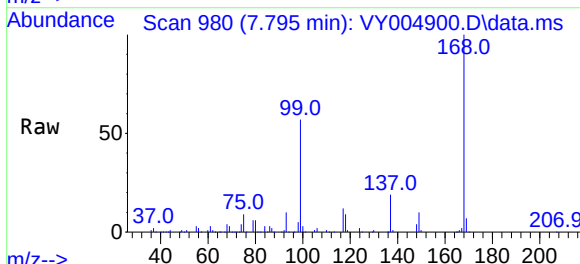
Ion	Ratio	Lower	Upper
113	100		
111	103.2	80.5	120.7
192	18.6	15.0	22.6

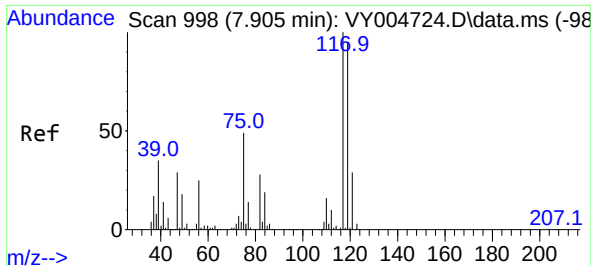


#36
1,1-Dichloropropene
Concen: 4.39 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY004900.D
Acq: 27 May 2021 15:00

Tgt Ion: 75 Resp: 15127

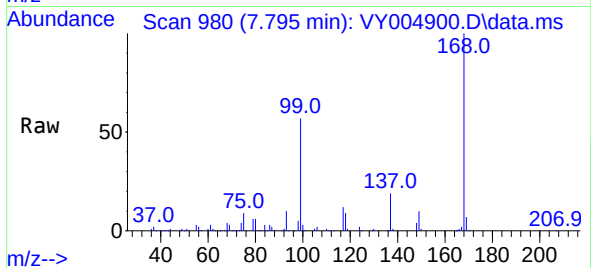
Ion	Ratio	Lower	Upper
75	100		
110	8.6	17.0	50.9#
77	0.0	25.0	37.4#



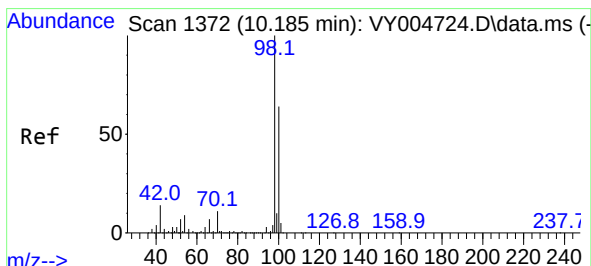
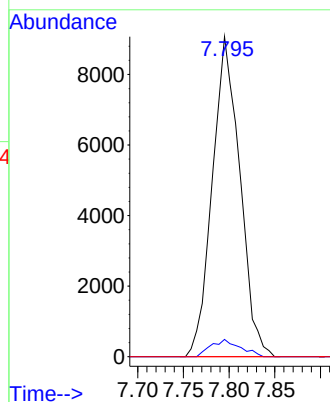
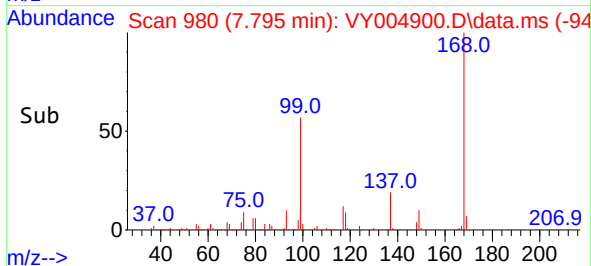


#38
Carbon Tetrachloride
Concen: 6.15 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY004900.D
Acq: 27 May 2021 15:00

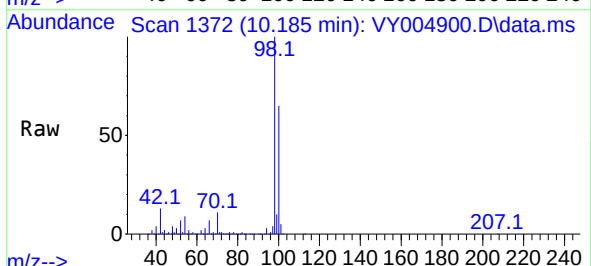
Instrument :
MSVOA_Y
ClientSampleId :
GHOST-5



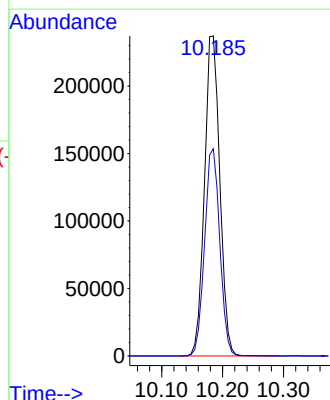
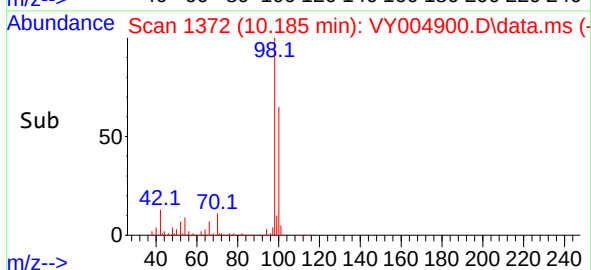
Tgt Ion:117 Resp: 19034
Ion Ratio Lower Upper
117 100
119 5.4 76.3 114.5#
121 0.0 23.0 34.6#

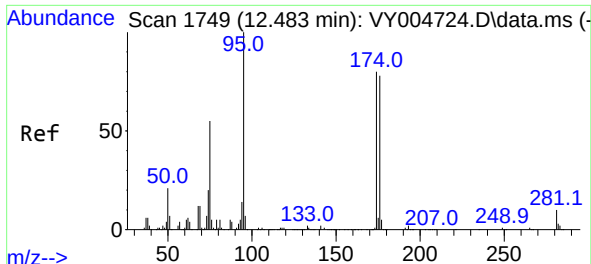


#50
Toluene-d8
Concen: 49.96 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004900.D
Acq: 27 May 2021 15:00



Tgt Ion: 98 Resp: 415002
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3

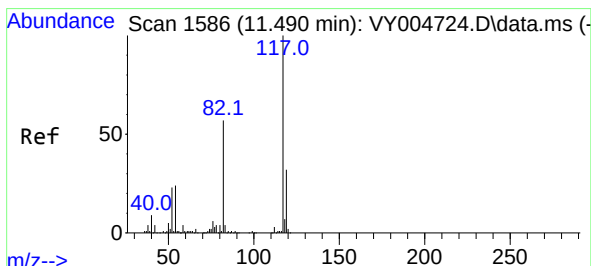
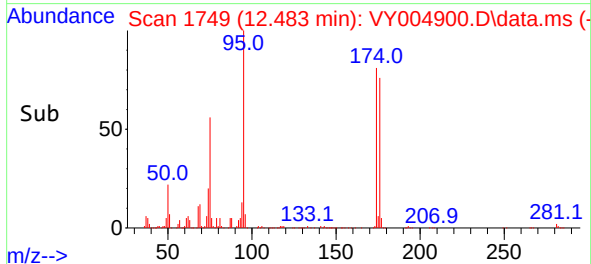
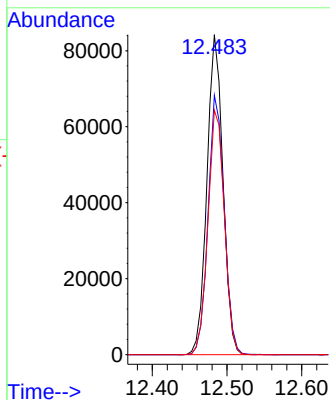
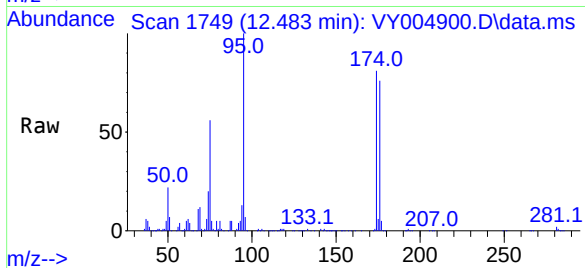




#62
4-Bromofluorobenzene
Concen: 44.76 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004900.D
Acq: 27 May 2021 15:00

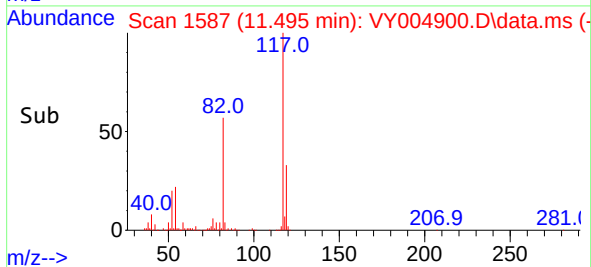
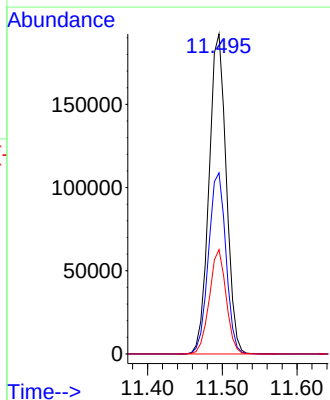
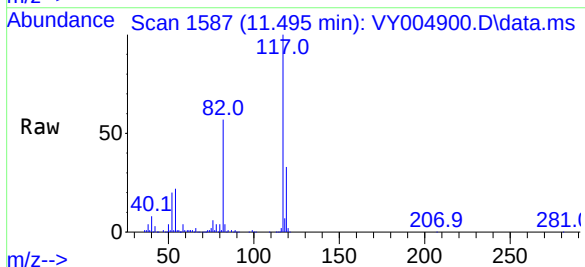
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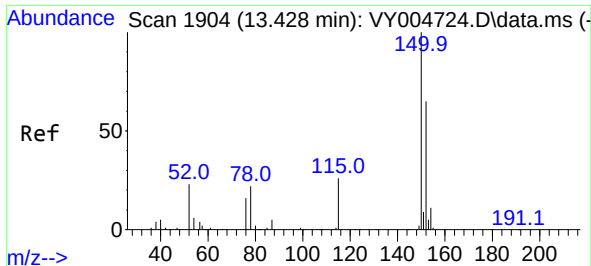
Tgt Ion: 95 Resp: 125494
Ion Ratio Lower Upper
95 100
174 81.4 0.0 164.2
176 78.3 0.0 159.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004900.D
Acq: 27 May 2021 15:00

Tgt Ion: 117 Resp: 308164
Ion Ratio Lower Upper
117 100
82 56.6 45.4 68.2
119 32.6 25.8 38.6

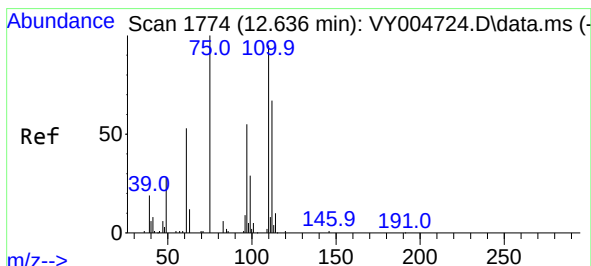
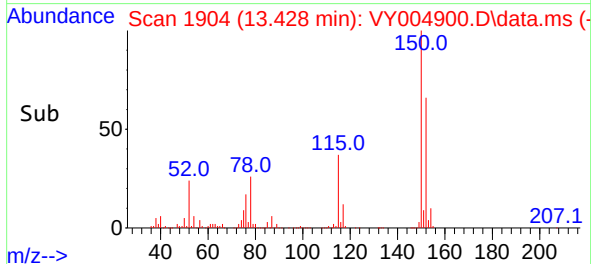
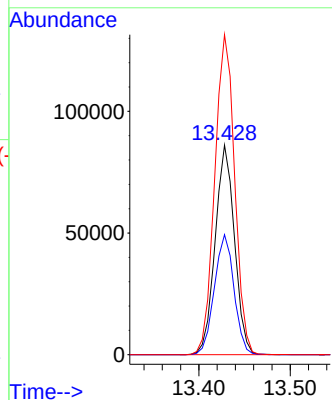
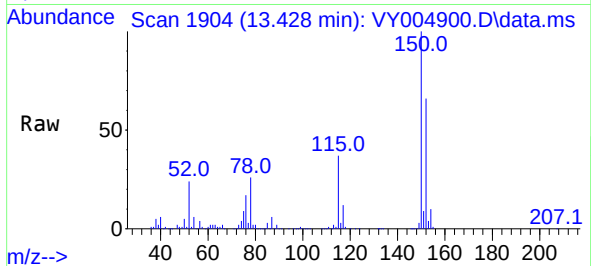




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004900.D
Acq: 27 May 2021 15:00

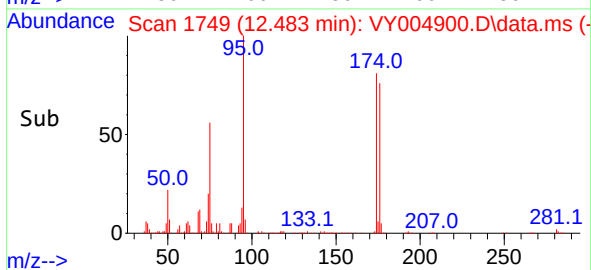
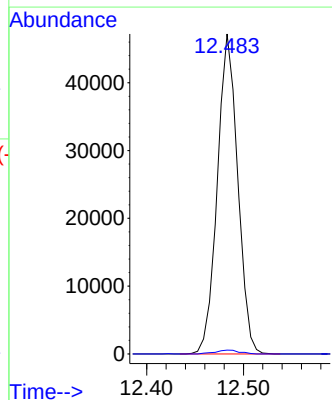
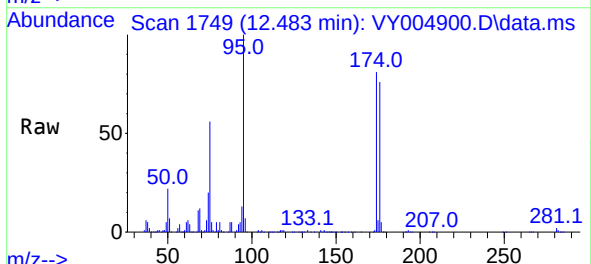
Instrument :
MSVOA_Y
ClientSampled :
GHOST-5

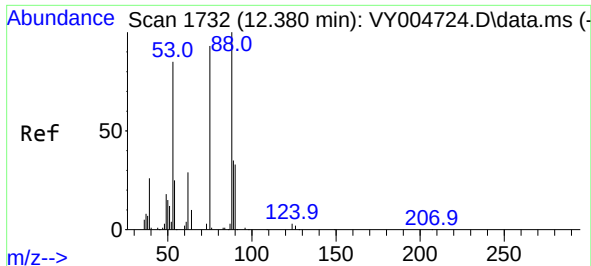
Tgt Ion:152 Resp: 126791
Ion Ratio Lower Upper
152 100
115 58.2 29.4 88.3
150 157.3 0.0 349.8



#76
1,2,3-Trichloropropane
Concen: 51.25 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004900.D
Acq: 27 May 2021 15:00

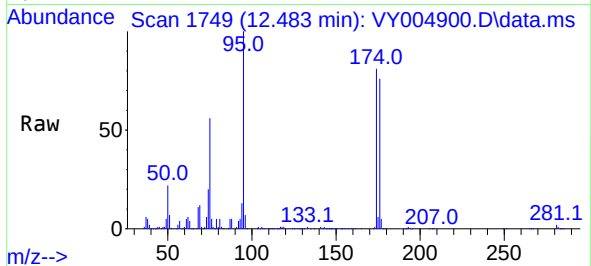
Tgt Ion: 75 Resp: 69024
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.87 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY004900.D
 Acq: 27 May 2021 15:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 GHOST-5



Tgt Ion: 75 Resp: 69024
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.9 110.9#
 89 0.1 35.5 53.3#

