

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100421\
 Data File : VY006299.D
 Acq On : 05 Oct 2021 00:07
 Operator : SY/MD
 Sample : M4065-01
 Misc : 5.05G/5ML/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-01-100121

Quant Time: Oct 05 06:40:23 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)

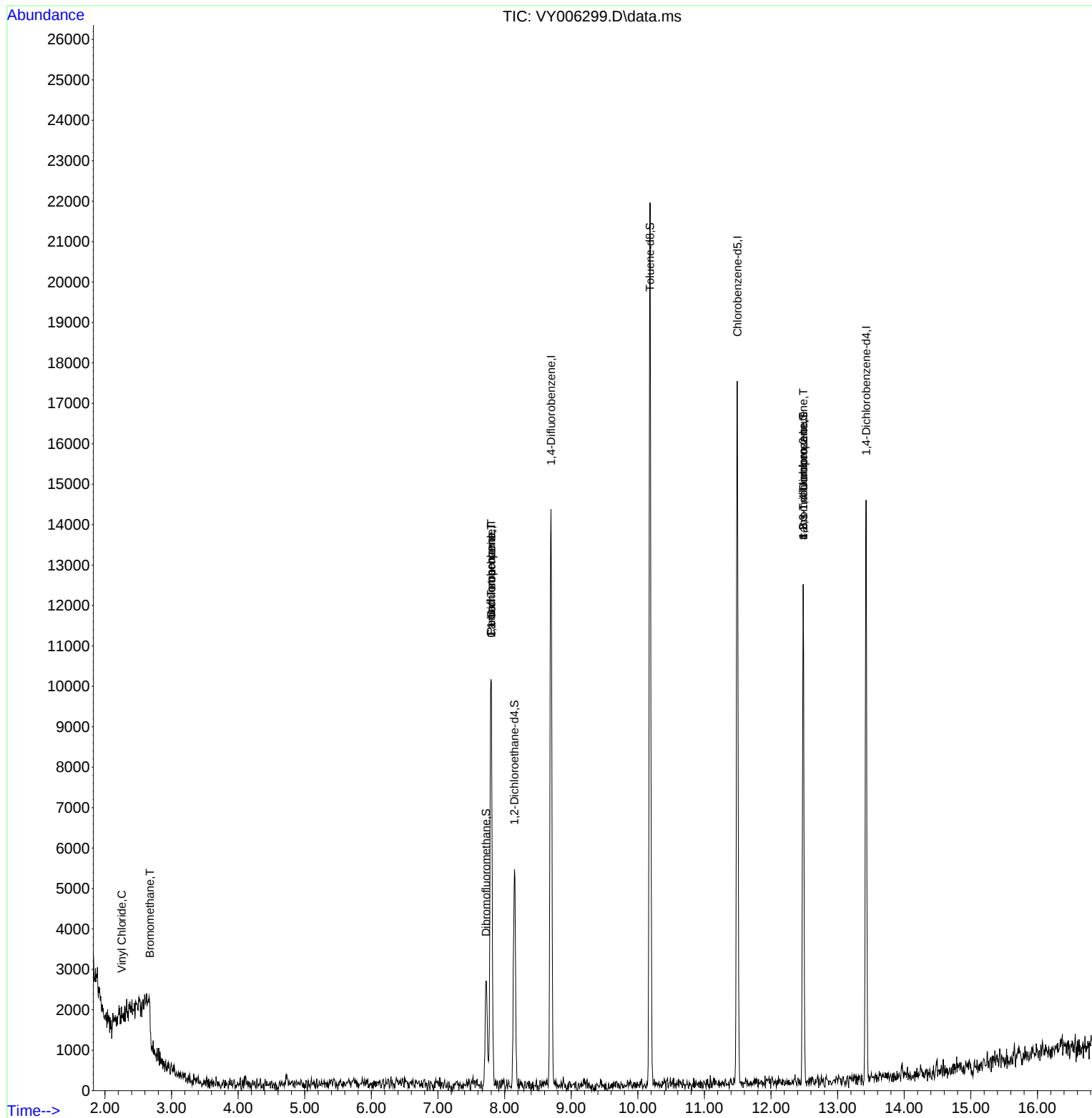
Internal Standards						
1) Pentafluorobenzene	7.795	168	8044	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	12417	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	9552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3771	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	4838	56.194	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.380%	
35) Dibromofluoromethane	7.722	113	1855	27.962	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 55.920%	
50) Toluene-d8	10.185	98	13965	50.299	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.600%	
62) 4-Bromofluorobenzene	12.483	95	3523	37.352	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 74.700%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.253	62	213	2.022	ug/l #	43
5) Bromomethane	2.674	94	89	1.300	ug/l	90
36) 1,1-Dichloropropene	7.801	75	692	5.601	ug/l #	45
38) Carbon Tetrachloride	7.801	117	726	5.565	ug/l #	11
76) 1,2,3-Trichloropropane	12.483	75	2014	54.949	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	2014	107.983	ug/l #	7

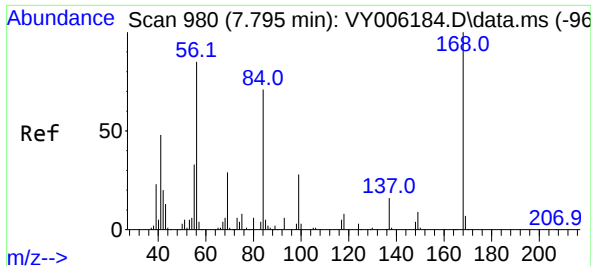
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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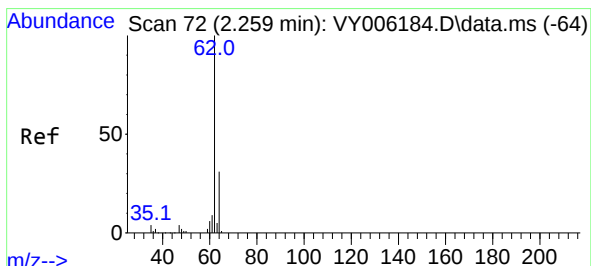
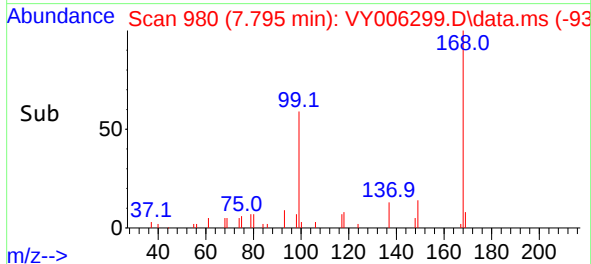
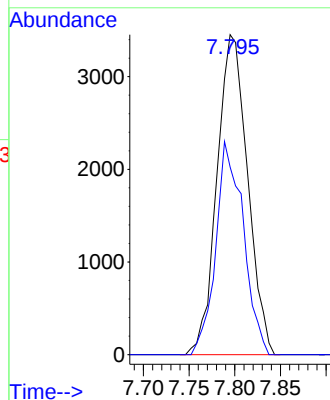
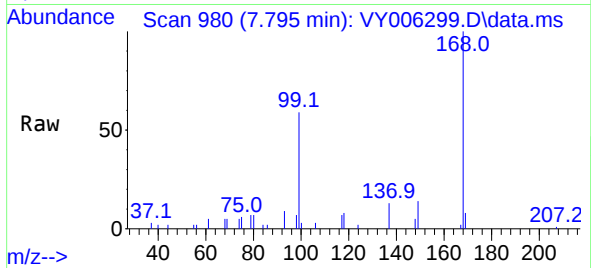




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006299.D
Acq: 05 Oct 2021 00:07

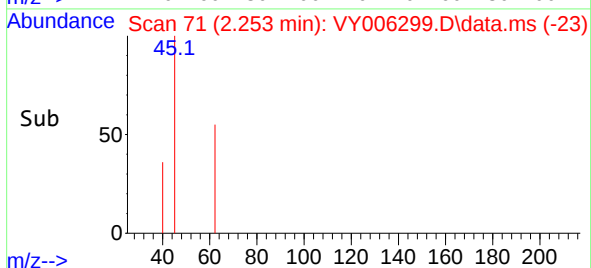
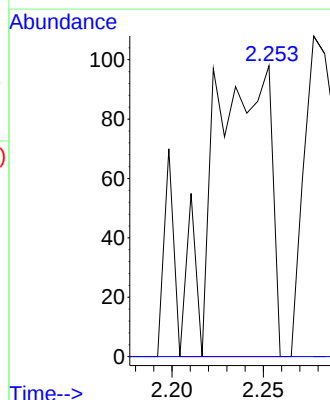
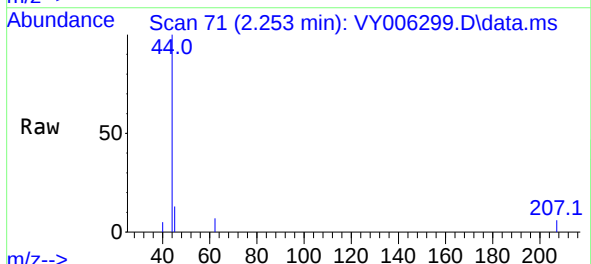
Instrument :
MSVOA_Y
ClientSampleId :
CL-01-100121

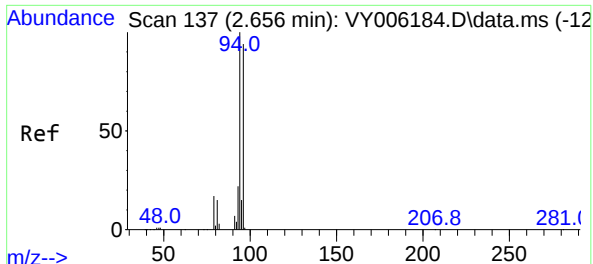
Tgt Ion:168 Resp: 8044
Ion Ratio Lower Upper
168 100
99 58.6 46.9 70.3



#4
Vinyl Chloride
Concen: 2.022 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY006299.D
Acq: 05 Oct 2021 00:07

Tgt Ion: 62 Resp: 213
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#

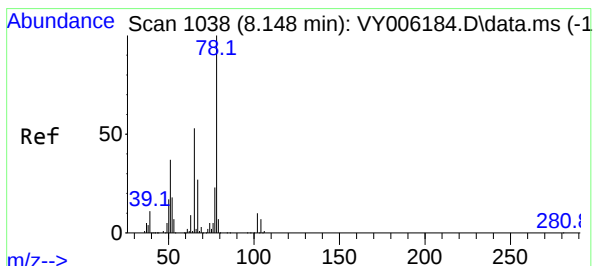
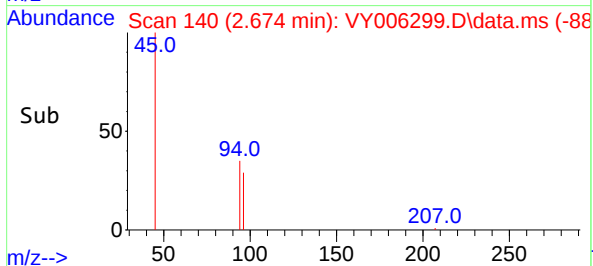
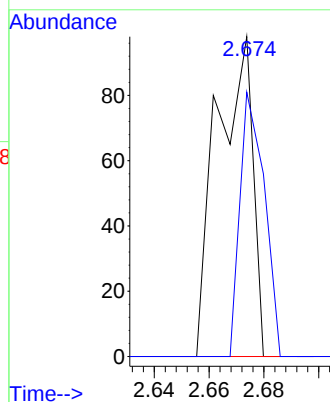
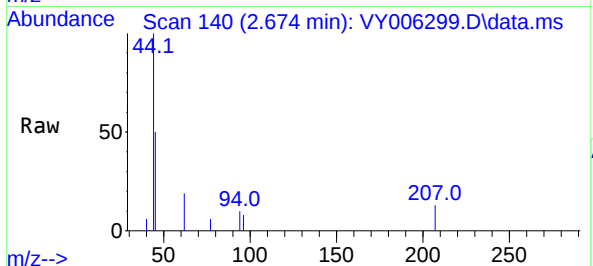




#5
Bromomethane
Concen: 1.300 ug/l
RT: 2.674 min Scan# 140
Delta R.T. 0.018 min
Lab File: VY006299.D
Acq: 05 Oct 2021 00:07

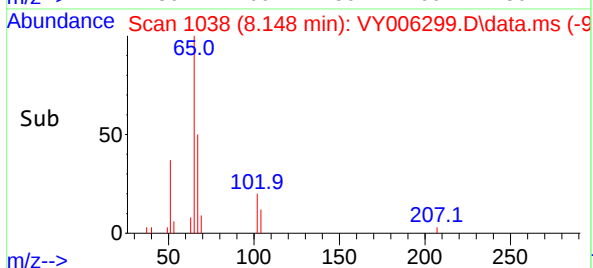
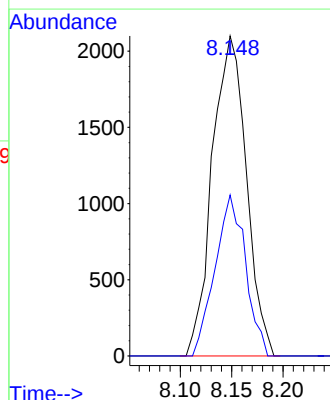
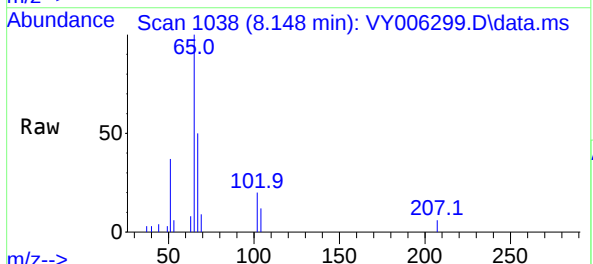
Instrument :
MSVOA_Y
ClientSampled :
CL-01-100121

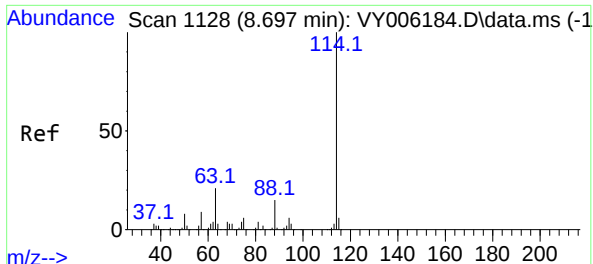
Tgt Ion: 94 Resp: 89
Ion Ratio Lower Upper
94 100
96 82.7 73.5 110.3



#33
1,2-Dichloroethane-d4
Concen: 56.194 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006299.D
Acq: 05 Oct 2021 00:07

Tgt Ion: 65 Resp: 4838
Ion Ratio Lower Upper
65 100
67 45.0 0.0 99.4

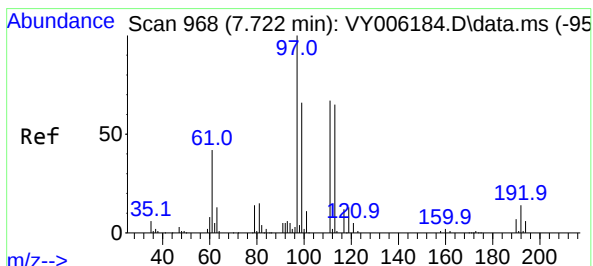
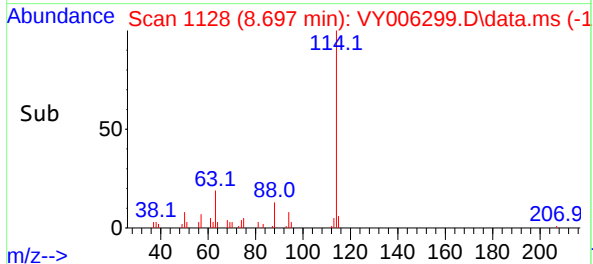
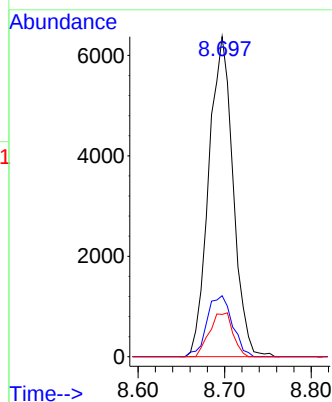
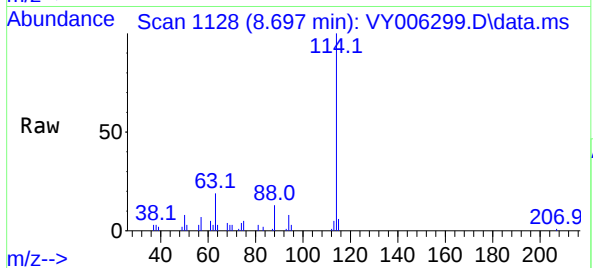




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006299.D
Acq: 05 Oct 2021 00:07

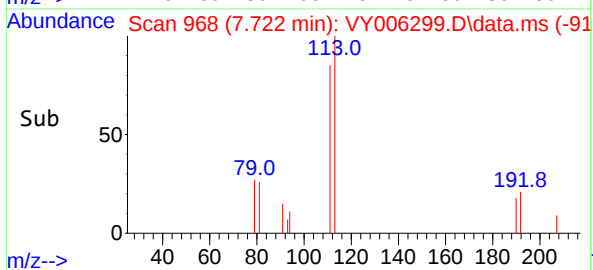
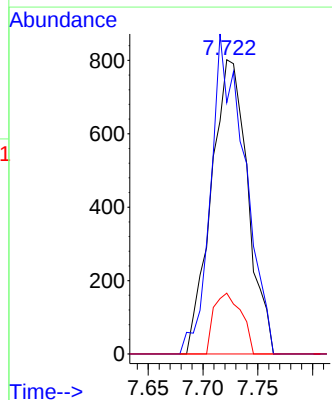
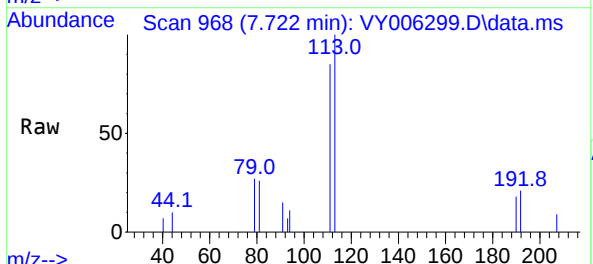
Instrument :
MSVOA_Y
ClientSampleId :
CL-01-100121

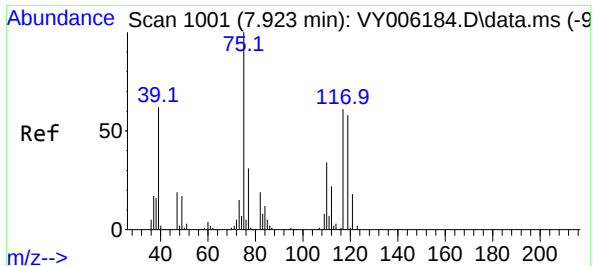
Tgt Ion:	114	Resp:	12417
Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	43.2
88	13.2	0.0	31.8



#35
Dibromofluoromethane
Concen: 27.962 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY006299.D
Acq: 05 Oct 2021 00:07

Tgt Ion:	113	Resp:	1855
Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.6	124.0
192	15.6	17.6	26.4#

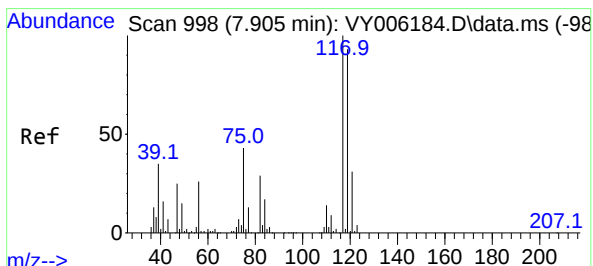
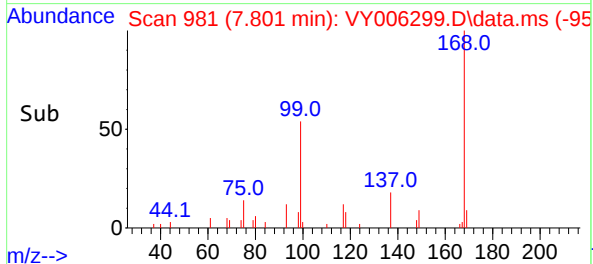
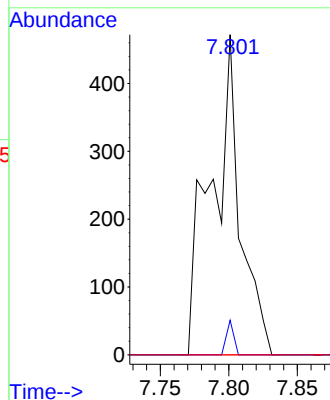
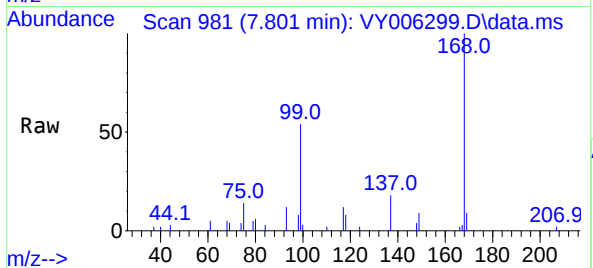




#36
1,1-Dichloropropene
Concen: 5.601 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY006299.D
Acq: 05 Oct 2021 00:07

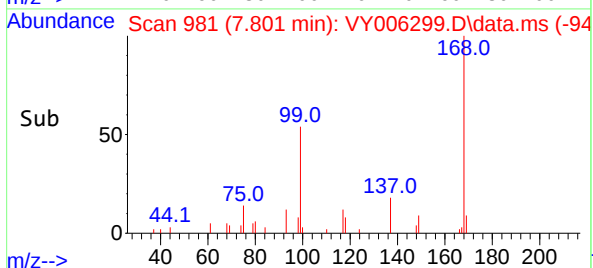
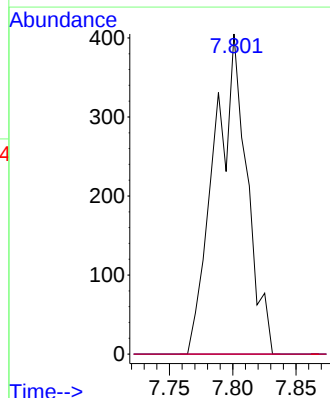
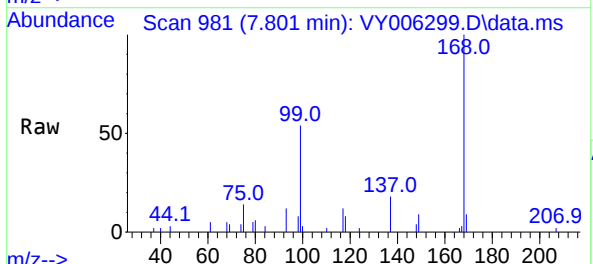
Instrument :
MSVOA_Y
ClientSampled :
CL-01-100121

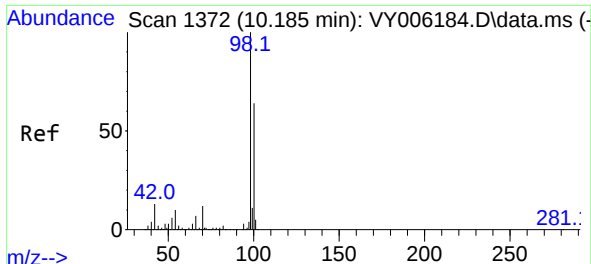
Tgt Ion: 75 Resp: 692
Ion Ratio Lower Upper
75 100
110 2.7 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.565 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY006299.D
Acq: 05 Oct 2021 00:07

Tgt Ion: 117 Resp: 726
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#

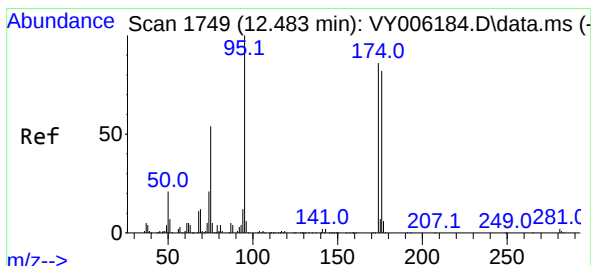
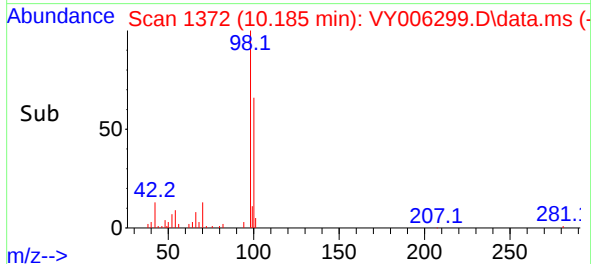
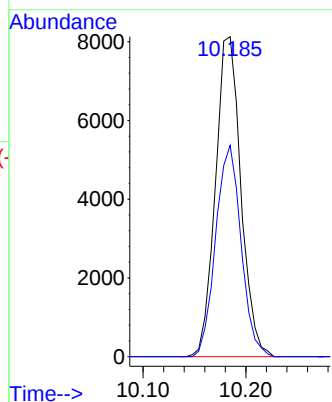
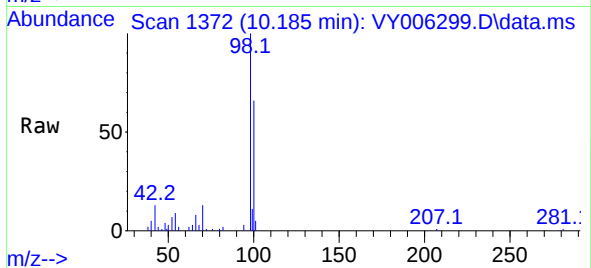




#50
Toluene-d8
Concen: 50.299 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006299.D
Acq: 05 Oct 2021 00:07

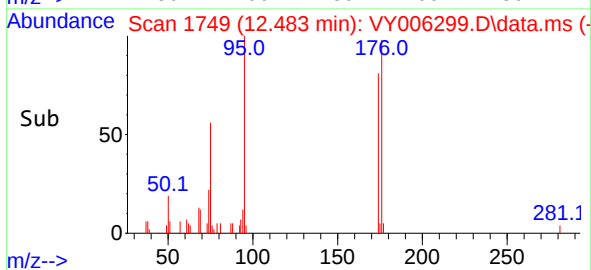
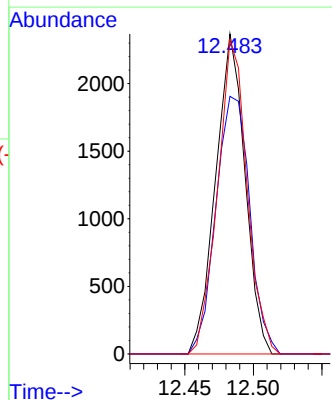
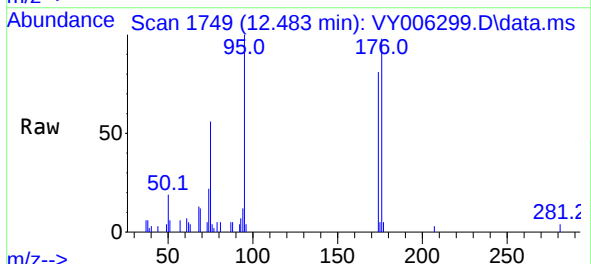
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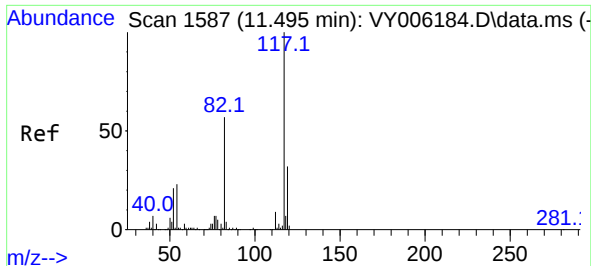
Tgt Ion: 98 Resp: 13965
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 37.352 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006299.D
Acq: 05 Oct 2021 00:07

Tgt Ion: 95 Resp: 3523
Ion Ratio Lower Upper
95 100
174 92.8 0.0 177.0
176 98.3 0.0 175.8

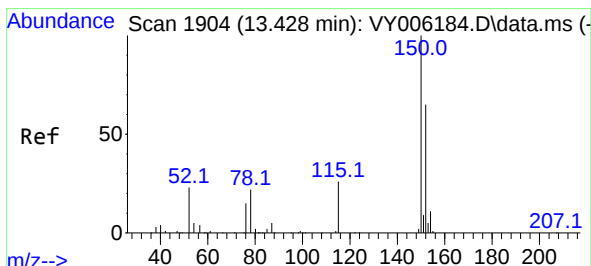
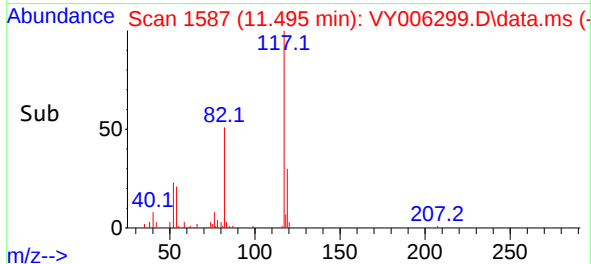
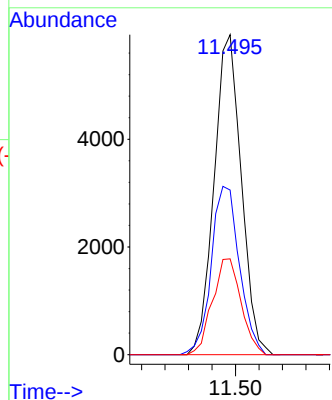
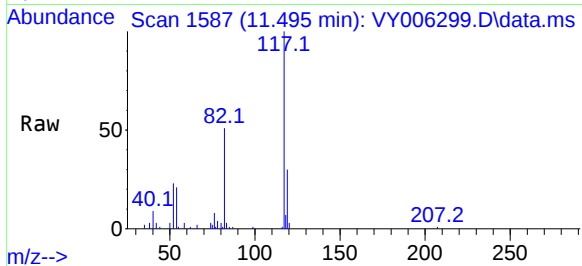




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006299.D
Acq: 05 Oct 2021 00:07

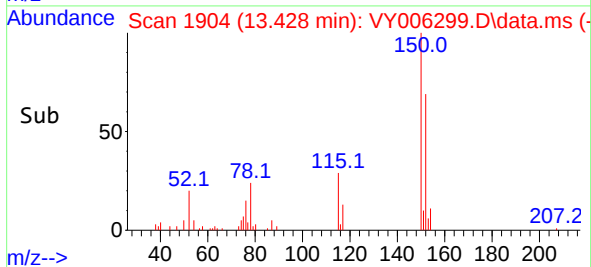
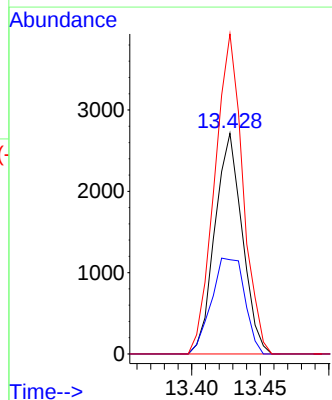
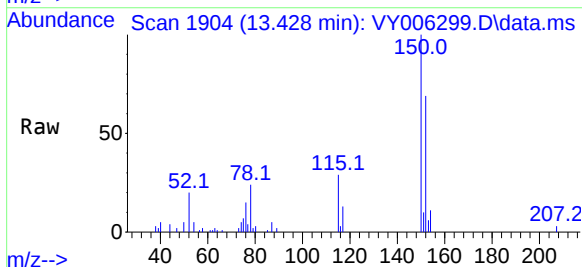
Instrument :
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ClientSampleId :
CL-01-100121

Tgt Ion:	117	Resp:	9552
Ion	Ratio	Lower	Upper
117	100		
82	51.4	43.0	64.4
119	30.0	25.4	38.0

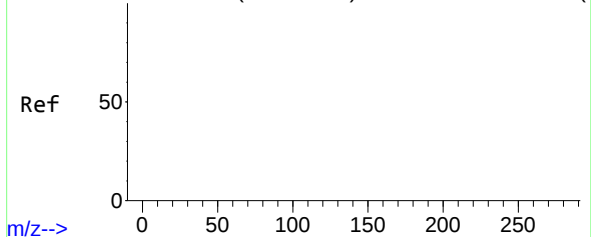


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006299.D
Acq: 05 Oct 2021 00:07

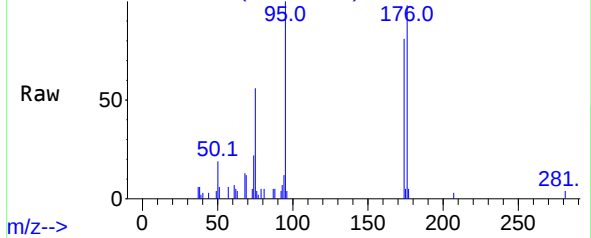
Tgt Ion:	152	Resp:	3771
Ion	Ratio	Lower	Upper
152	100		
115	52.8	28.2	84.7
150	149.1	0.0	347.6



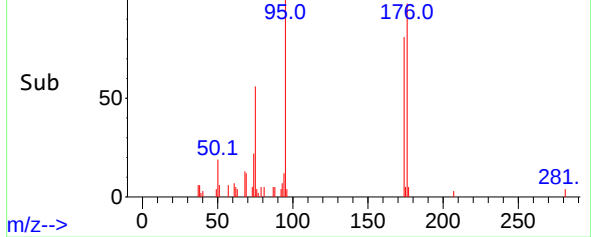
Abundance Scan 1774 (12.635 min): VY006184.D\data.ms (-



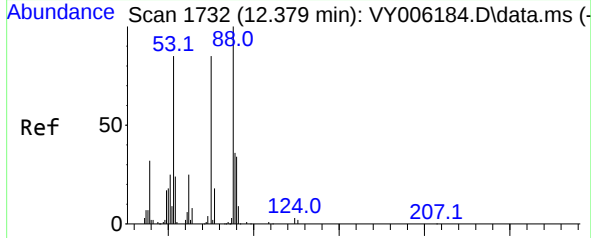
Abundance Scan 1749 (12.483 min): VY006299.D\data.ms (-



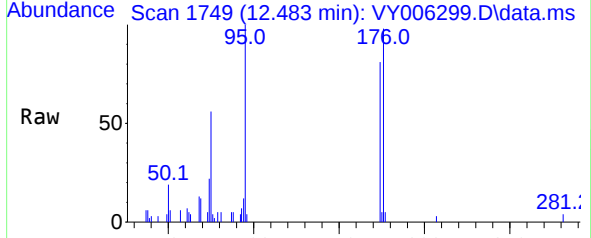
Abundance Scan 1749 (12.483 min): VY006299.D\data.ms (-



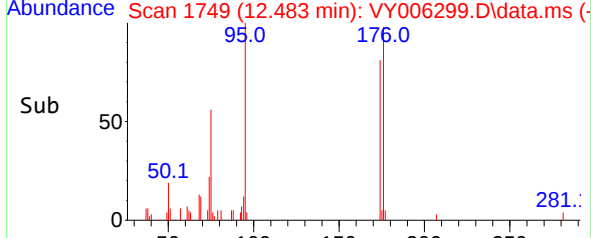
Abundance Scan 1732 (12.379 min): VY006184.D\data.ms (-



Abundance Scan 1749 (12.483 min): VY006299.D\data.ms (-



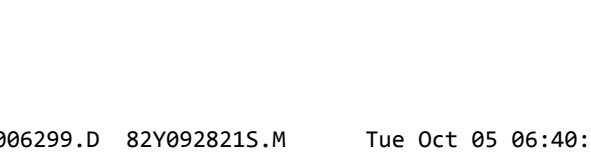
Abundance Scan 1749 (12.483 min): VY006299.D\data.ms (-



Abundance Scan 1749 (12.483 min): VY006299.D\data.ms (-

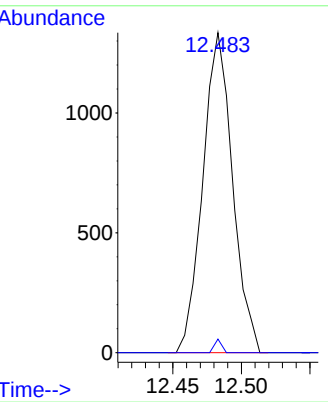


Abundance Scan 1749 (12.483 min): VY006299.D\data.ms (-



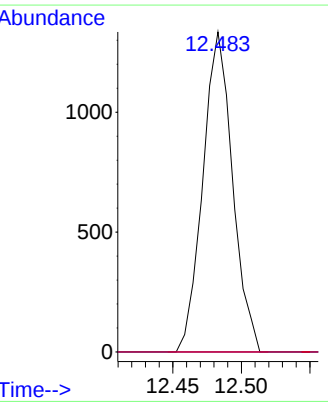
#76
1,2,3-Trichloropropane
Concen: 54.949 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006299.D
Acq: 05 Oct 2021 00:07

Tgt Ion: 75 Resp: 2014
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.983 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006299.D
Acq: 05 Oct 2021 00:07

Tgt Ion: 75 Resp: 2014
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



Instrument :
MSVOA_Y
ClientSampleId :
CL-01-100121