

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092721\
 Data File : VY006160.D
 Acq On : 27 Sep 2021 14:02
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Sep 28 06:20:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

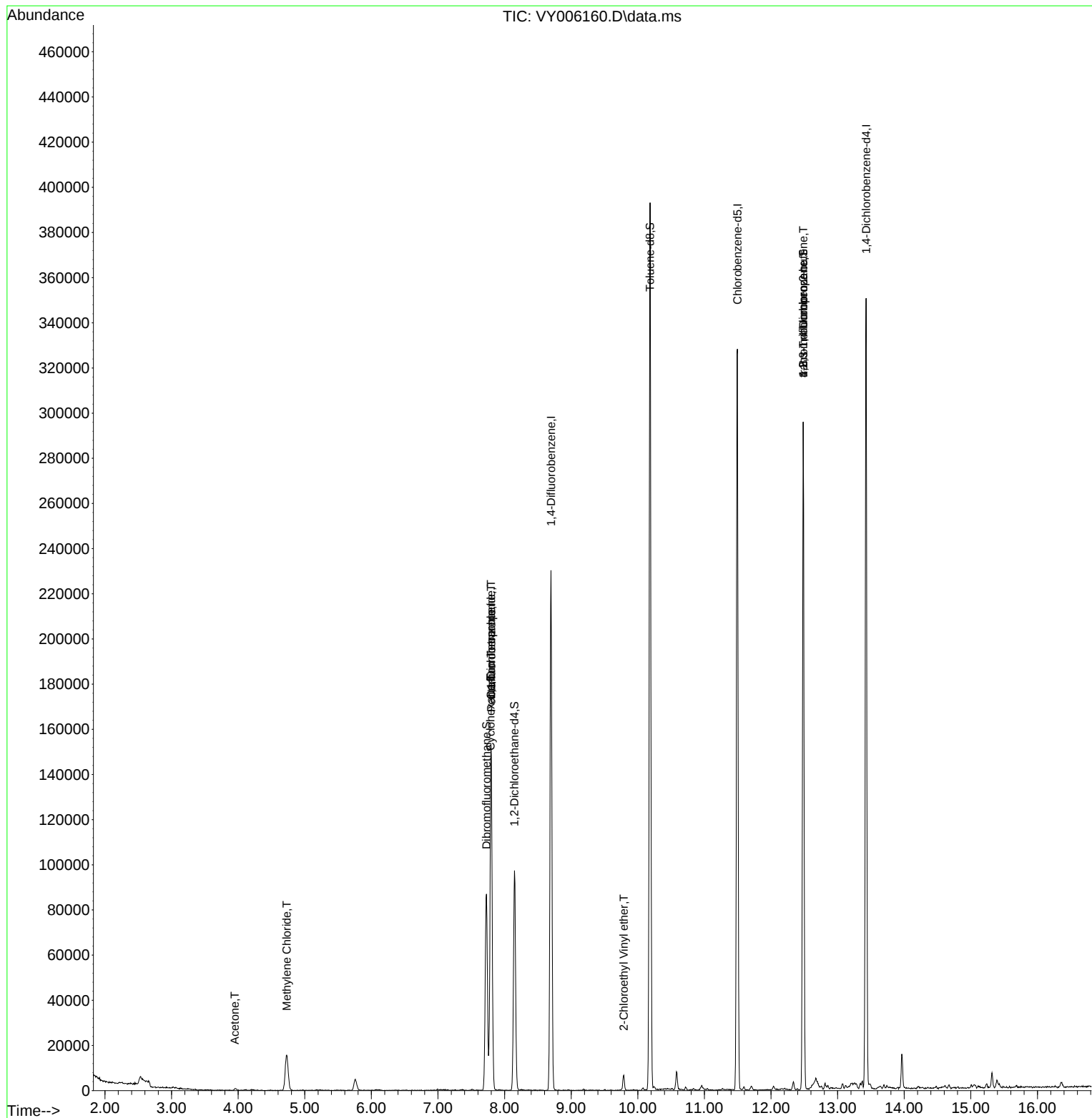
Internal Standards						
1) Pentafluorobenzene	7.801	168	119501	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	188836	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	174115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	88119	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	79739	48.037	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.080%
35) Dibromofluoromethane	7.728	113	57733	49.223	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.440%
50) Toluene-d8	10.184	98	239940	47.998	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.000%
62) 4-Bromofluorobenzene	12.483	95	77501	45.664	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.320%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	54	Below Cal	#	77
16) Acetone	3.948	43	1511	3.319	ug/l	93
20) Methylene Chloride	4.728	84	11613	3.888	ug/l	89
31) Cyclohexane	7.789	56	2852	1.073	ug/l	# 50
36) 1,1-Dichloropropene	7.795	75	8702	4.269	ug/l	# 52
38) Carbon Tetrachloride	7.795	117	11494	5.180	ug/l	# 15
58) 2-Chloroethyl Vinyl ether	9.788	63	2931	3.257	ug/l	90
76) 1,2,3-Trichloropropane	12.483	75	45433	48.358	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	45433	88.907	ug/l	# 7

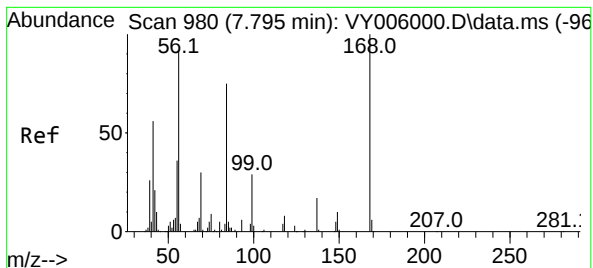
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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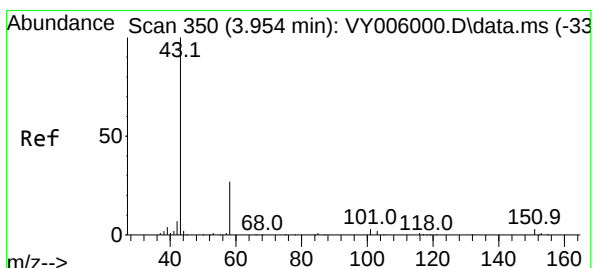
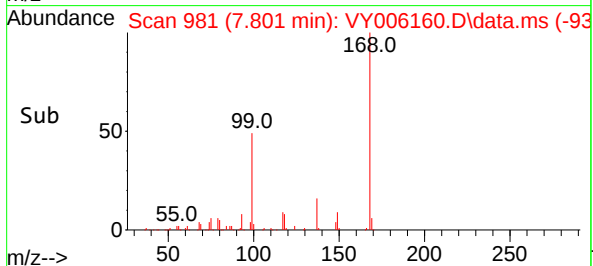
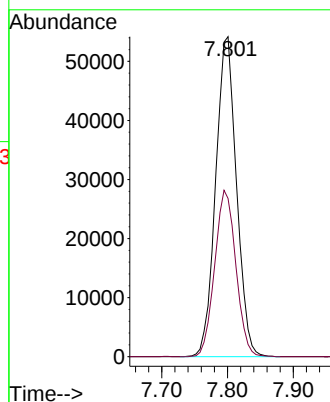
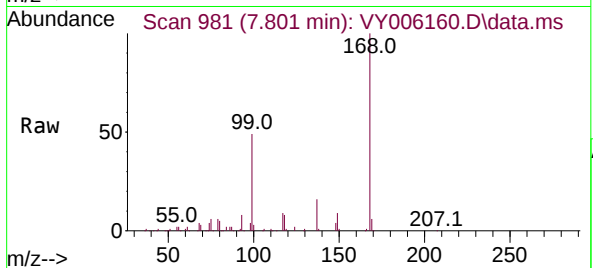




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006160.D
Acq: 27 Sep 2021 14:02

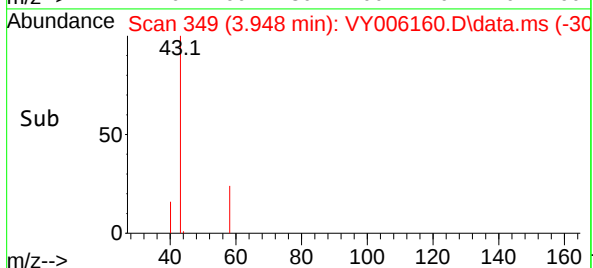
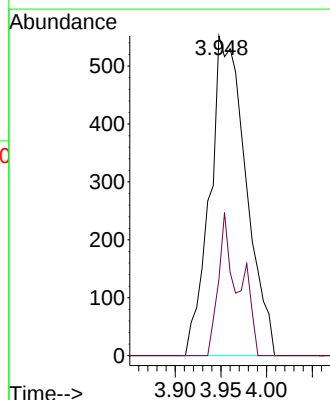
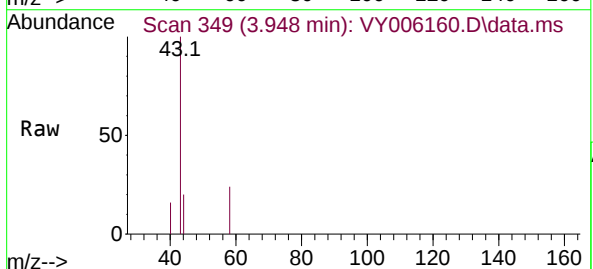
Instrument :
MSVOA_Y
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VIBLK

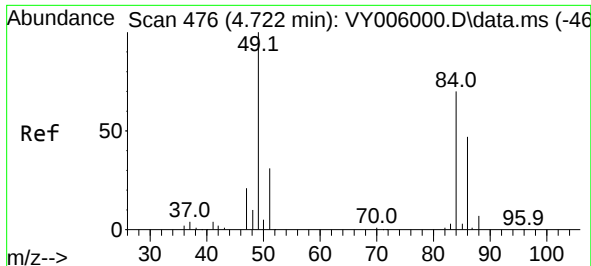
Tgt Ion:168 Resp: 119501
Ion Ratio Lower Upper
168 100
99 49.4 46.9 70.3



#16
Acetone
Concen: 3.319 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006160.D
Acq: 27 Sep 2021 14:02

Tgt Ion: 43 Resp: 1511
Ion Ratio Lower Upper
43 100
58 23.9 22.0 33.0

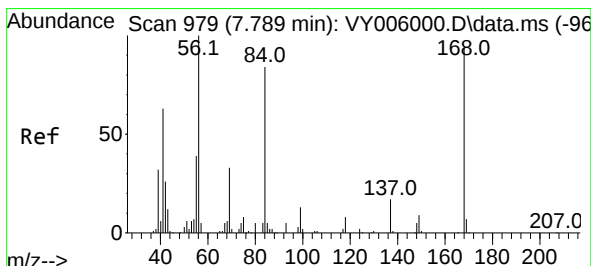
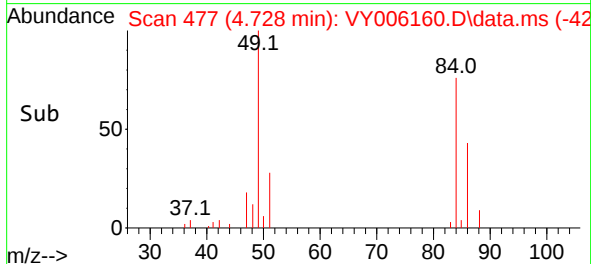
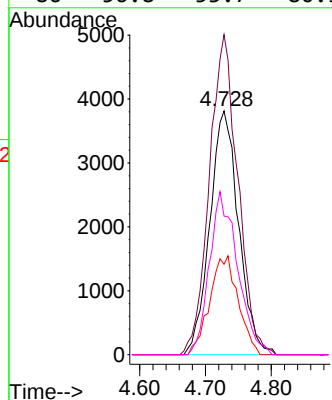
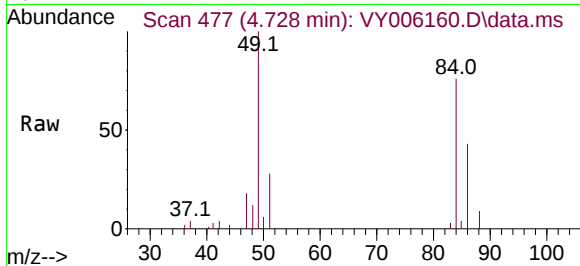




#20
Methylene Chloride
Concen: 3.888 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY006160.D
Acq: 27 Sep 2021 14:02

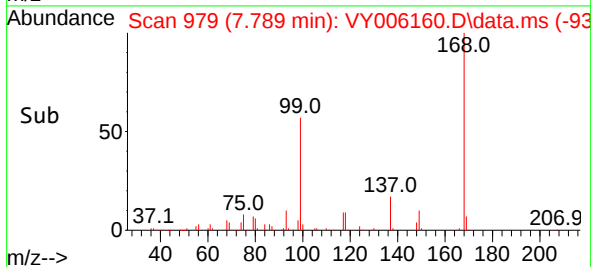
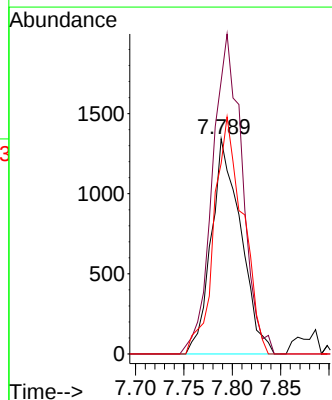
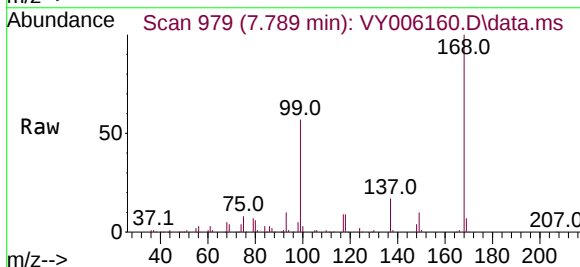
Instrument :
MSVOA_Y
ClientSampleId :
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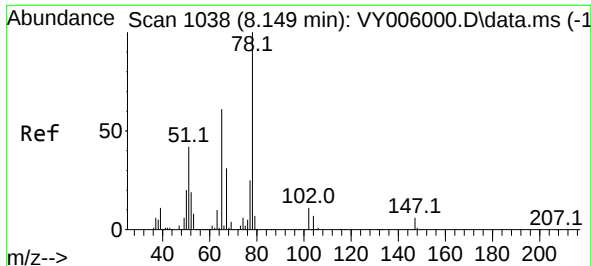
Tgt Ion:	84	Resp:	11613
Ion	Ratio	Lower	Upper
84	100		
49	131.3	114.4	171.6
51	37.1	35.3	52.9
86	56.8	53.7	80.5



#31
Cyclohexane
Concen: 1.073 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY006160.D
Acq: 27 Sep 2021 14:02

Tgt Ion:	56	Resp:	2852
Ion	Ratio	Lower	Upper
56	100		
69	126.9	26.7	40.1#
84	88.5	67.2	100.8

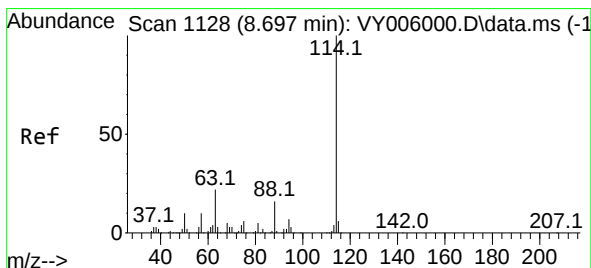
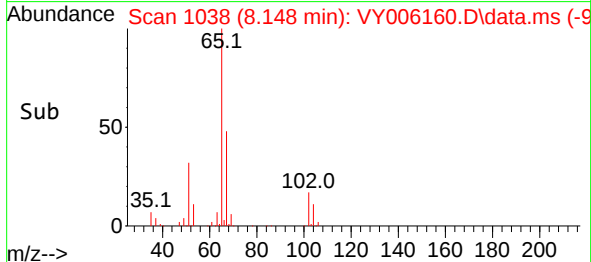
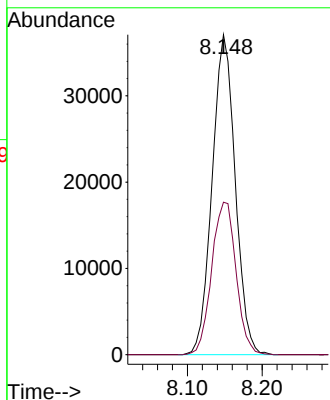
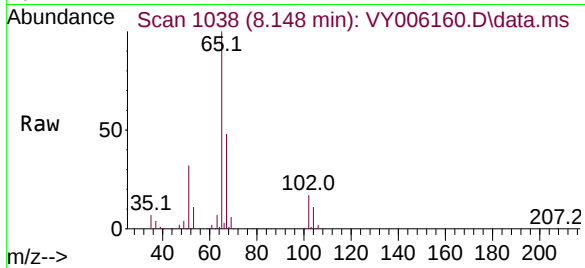




#33
1,2-Dichloroethane-d4
Concen: 48.037 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006160.D
Acq: 27 Sep 2021 14:02

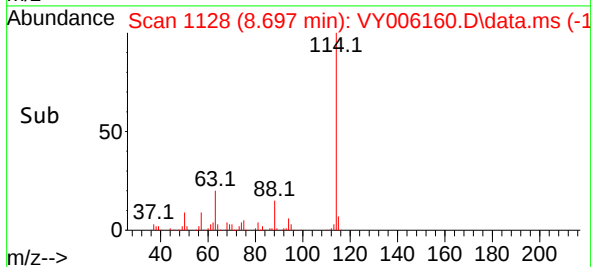
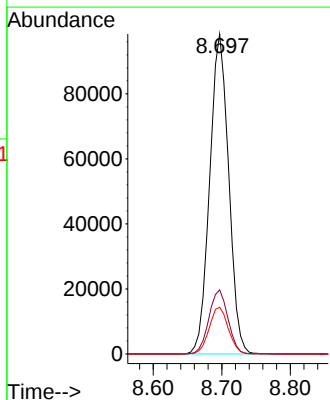
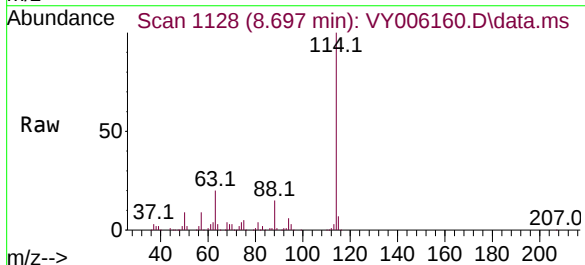
Instrument :
MSVOA_Y
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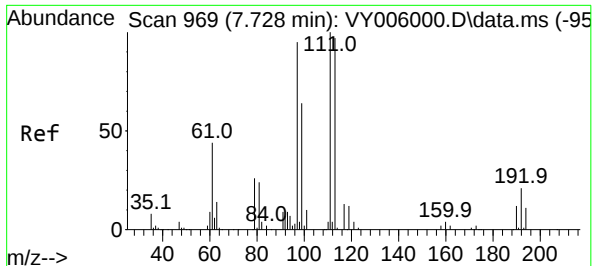
Tgt Ion: 65 Resp: 79739
Ion Ratio Lower Upper
65 100
67 50.3 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006160.D
Acq: 27 Sep 2021 14:02

Tgt Ion: 114 Resp: 188836
Ion Ratio Lower Upper
114 100
63 20.1 0.0 43.2
88 14.6 0.0 31.8

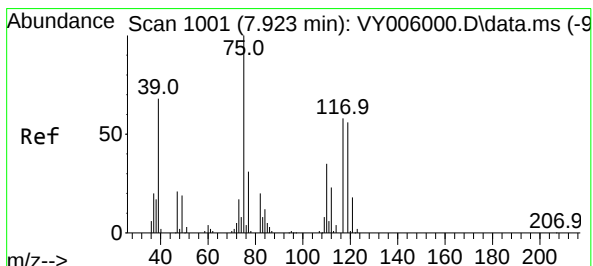
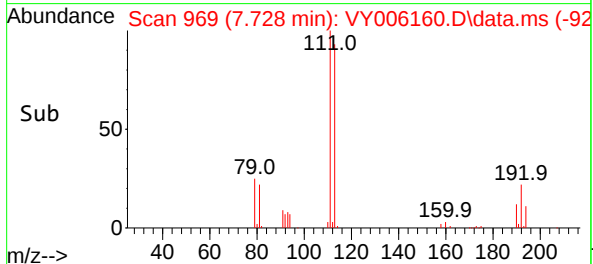
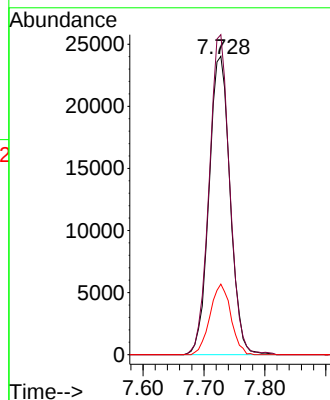
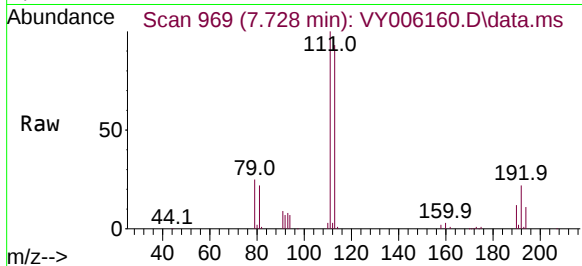




#35
Dibromofluoromethane
Concen: 49.223 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY006160.D
Acq: 27 Sep 2021 14:02

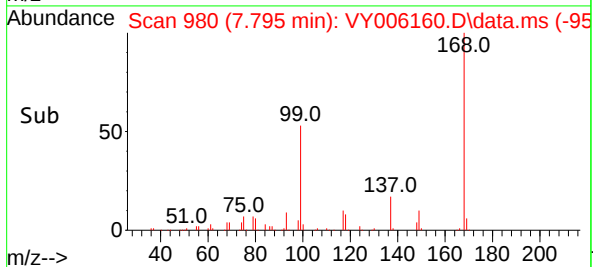
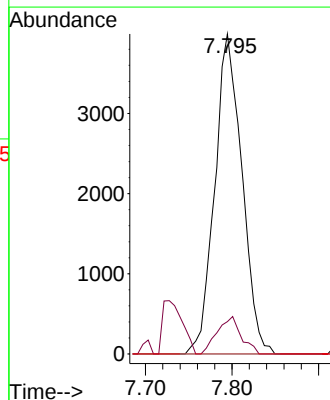
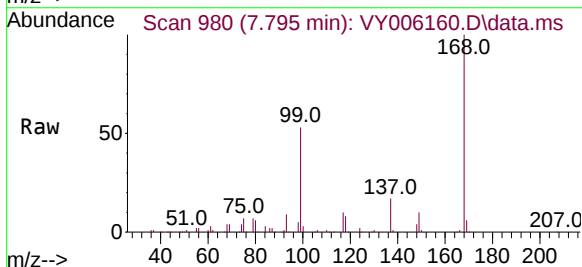
Instrument :
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ClientSampleId :
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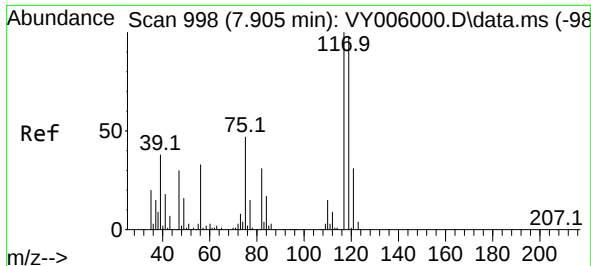
Tgt Ion:	113	Resp:	57733
Ion	Ratio	Lower	Upper
113	100		
111	104.8	82.6	124.0
192	23.4	17.6	26.4



#36
1,1-Dichloropropene
Concen: 4.269 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006160.D
Acq: 27 Sep 2021 14:02

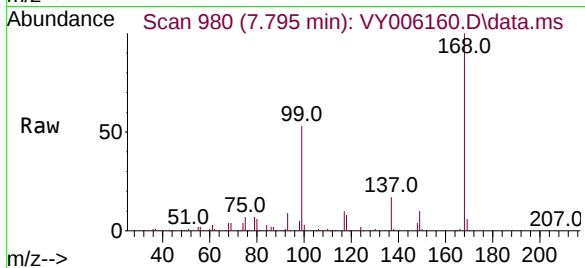
Tgt Ion:	75	Resp:	8702
Ion	Ratio	Lower	Upper
75	100		
110	10.2	17.1	51.2#
77	0.0	24.4	36.6#



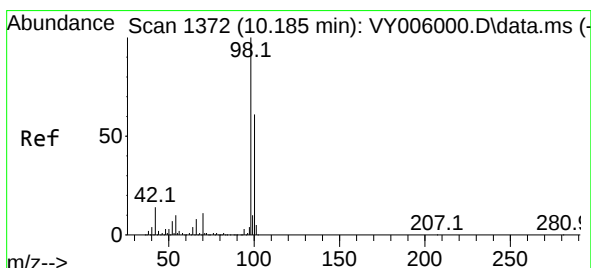
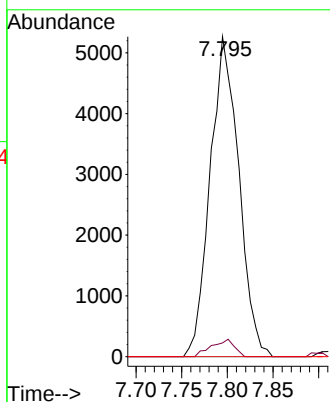
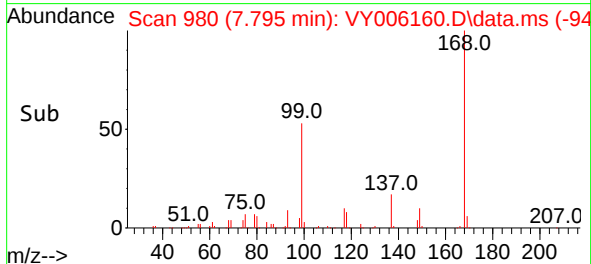


#38
Carbon Tetrachloride
Concen: 5.180 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006160.D
Acq: 27 Sep 2021 14:02

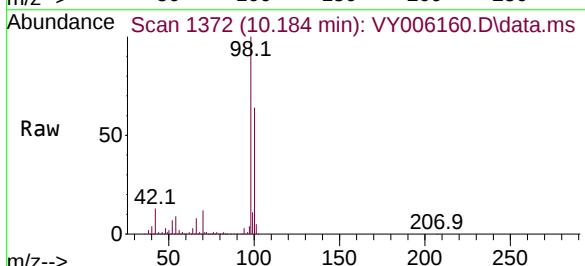
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK



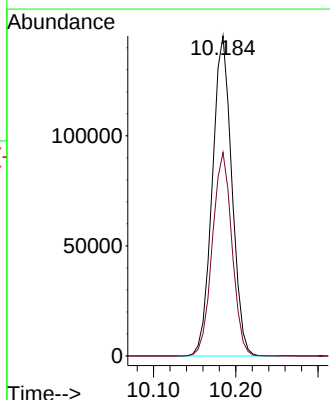
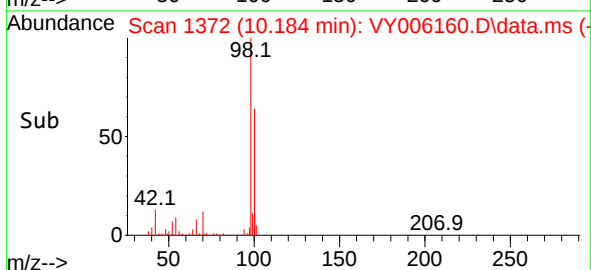
Tgt Ion:117 Resp: 11494
Ion Ratio Lower Upper
117 100
119 4.3 77.9 116.9#
121 0.0 24.8 37.2#

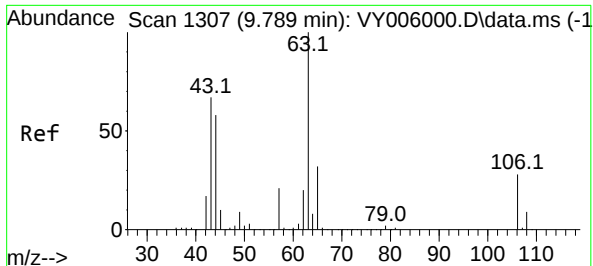


#50
Toluene-d8
Concen: 47.998 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006160.D
Acq: 27 Sep 2021 14:02



Tgt Ion: 98 Resp: 239940
Ion Ratio Lower Upper
98 100
100 63.9 50.2 75.2

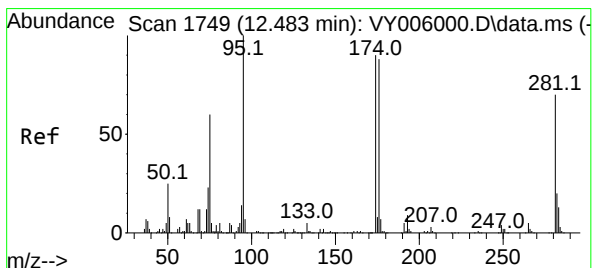
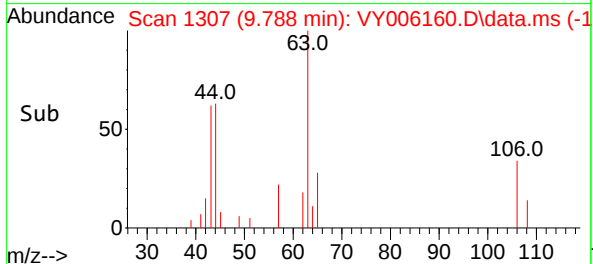
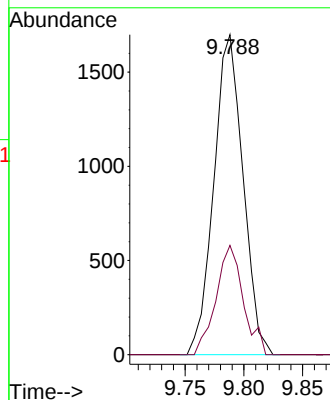
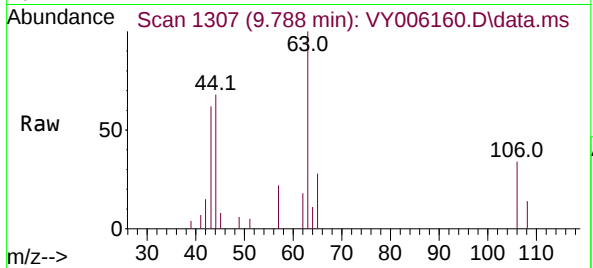




#58
2-Chloroethyl Vinyl ether
Concen: 3.257 ug/l
RT: 9.788 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VY006160.D
Acq: 27 Sep 2021 14:02

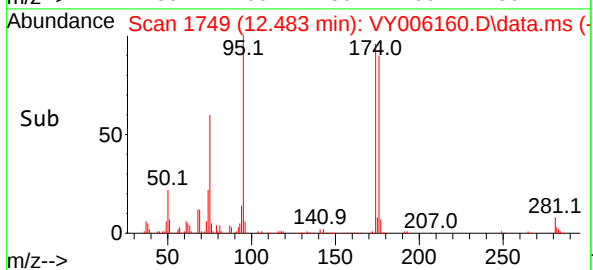
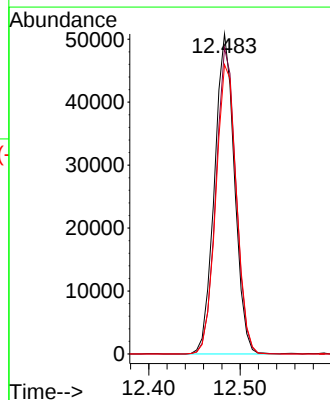
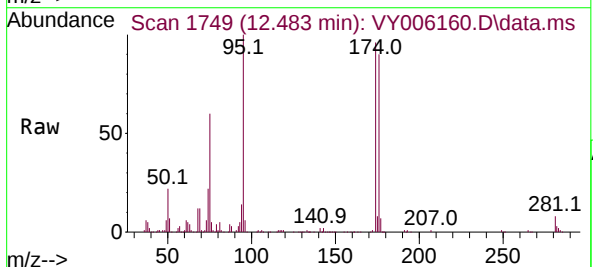
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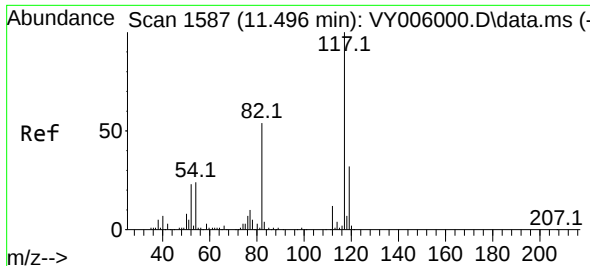
Tgt Ion: 63 Resp: 2931
Ion Ratio Lower Upper
63 100
106 31.9 21.5 32.3



#62
4-Bromofluorobenzene
Concen: 45.664 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006160.D
Acq: 27 Sep 2021 14:02

Tgt Ion: 95 Resp: 77501
Ion Ratio Lower Upper
95 100
174 95.6 0.0 177.0
176 93.0 0.0 175.8

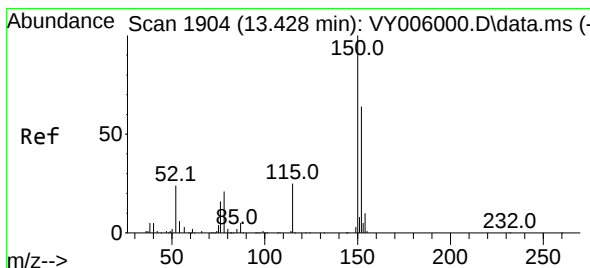
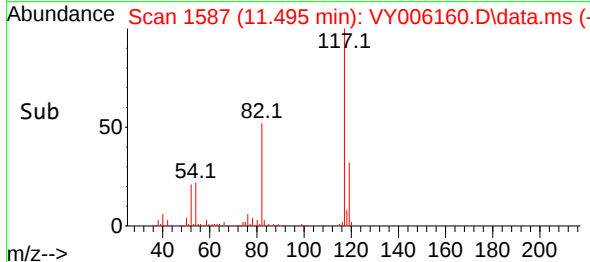
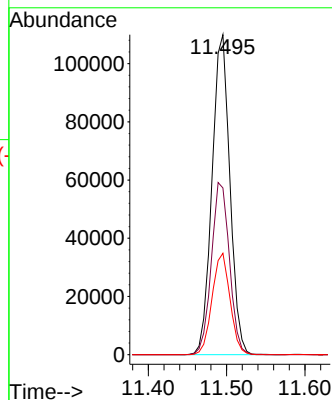
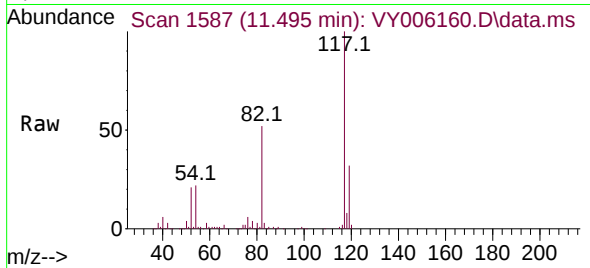




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006160.D
Acq: 27 Sep 2021 14:02

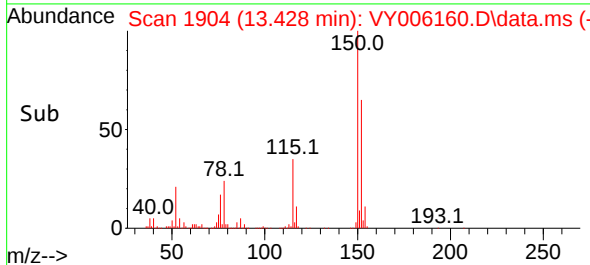
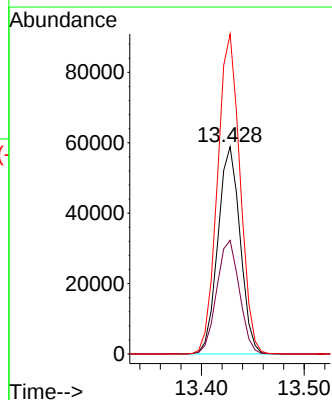
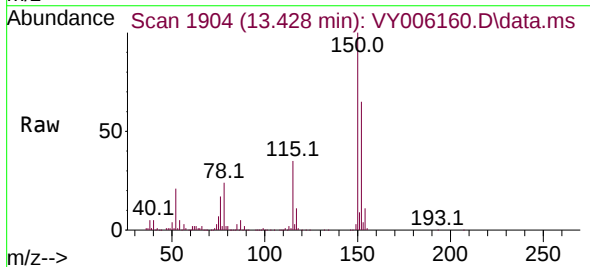
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

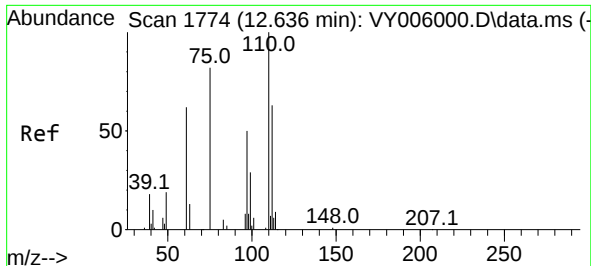
Tgt Ion:	117	Resp:	174115
Ion	Ratio	Lower	Upper
117	100		
82	52.1	43.0	64.4
119	31.7	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006160.D
Acq: 27 Sep 2021 14:02

Tgt Ion:	152	Resp:	88119
Ion	Ratio	Lower	Upper
152	100		
115	56.2	28.2	84.7
150	156.8	0.0	347.6

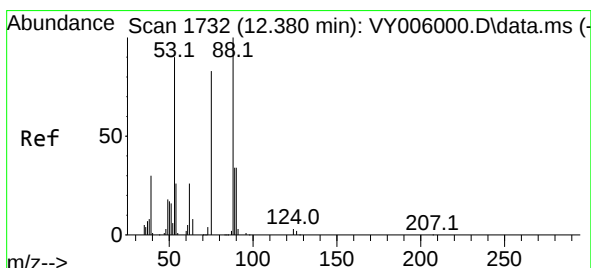
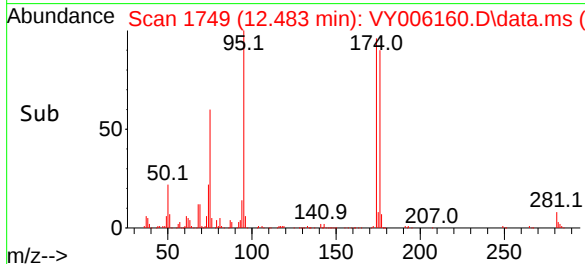
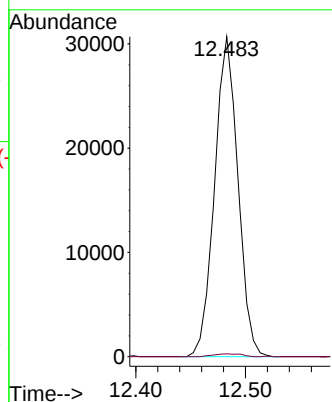
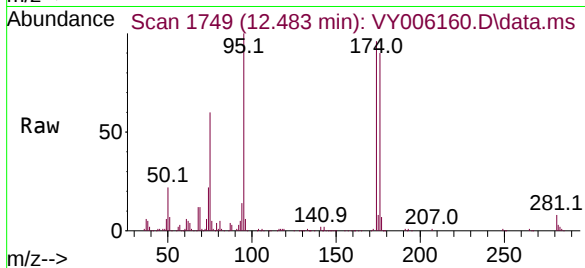




#76
1,2,3-Trichloropropane
Concen: 48.358 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006160.D
Acq: 27 Sep 2021 14:02

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 45433
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.907 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY006160.D
Acq: 27 Sep 2021 14:02

Tgt Ion: 75 Resp: 45433
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

