

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092721\
 Data File : VY006175.D
 Acq On : 27 Sep 2021 19:49
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Sep 28 06:24:02 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)

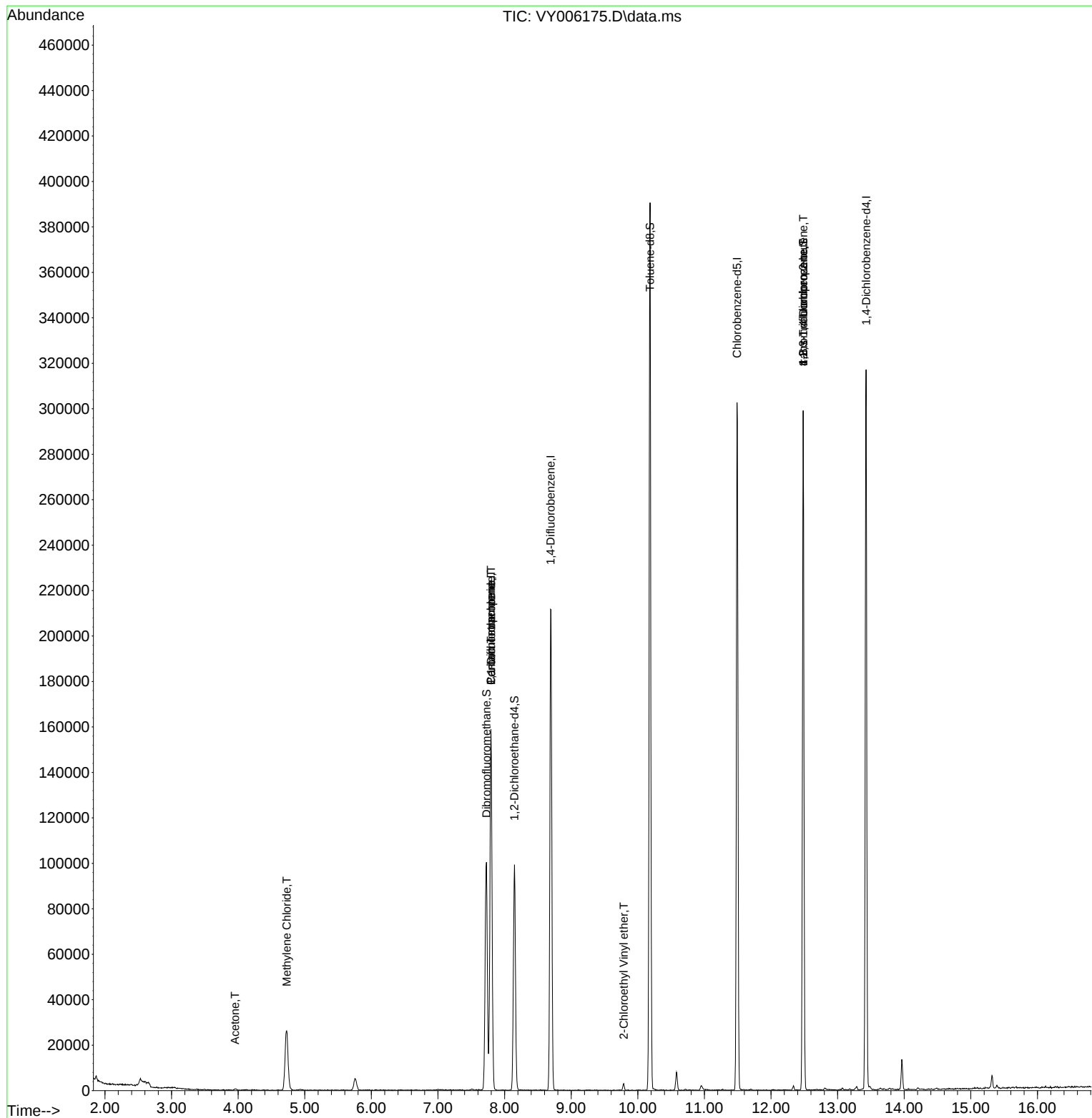
Internal Standards						
1) Pentafluorobenzene	7.795	168	123446	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	177519	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	161330	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	80603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	80096	46.710	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.420%
35) Dibromofluoromethane	7.728	113	68067	61.733	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	123.460%
50) Toluene-d8	10.185	98	245211	52.180	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.360%
62) 4-Bromofluorobenzene	12.483	95	79274	49.686	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.380%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	174	Below Cal	#	77
16) Acetone	3.954	43	935	1.988	ug/l	91
20) Methylene Chloride	4.728	84	19574	9.582	ug/l	88
36) 1,1-Dichloropropene	7.795	75	9309	4.858	ug/l #	51
38) Carbon Tetrachloride	7.795	117	11856	5.684	ug/l #	15
58) 2-Chloroethyl Vinyl ether	9.789	63	1252	1.480	ug/l #	89
76) 1,2,3-Trichloropropane	12.483	75	44880	52.224	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	44880	96.014	ug/l #	7

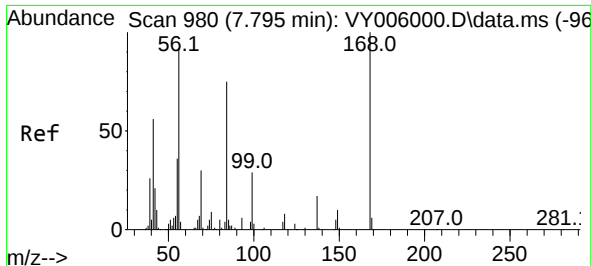
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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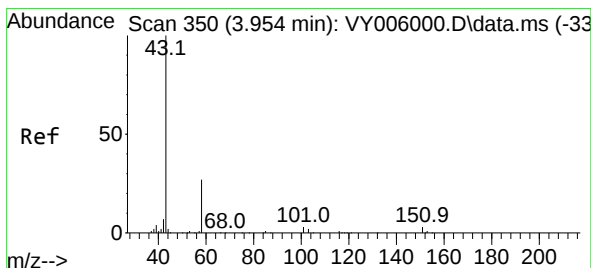
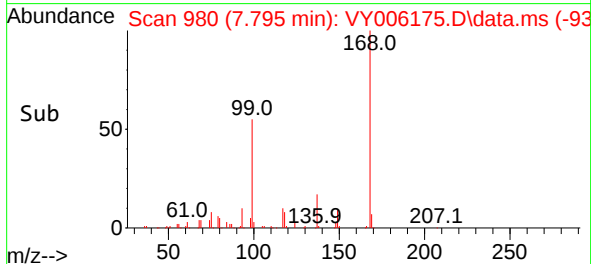
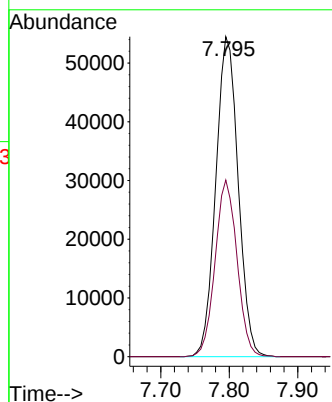
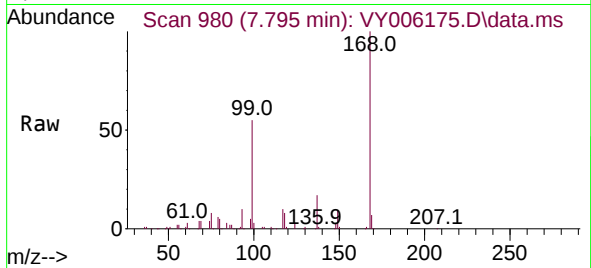




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006175.D
Acq: 27 Sep 2021 19:49

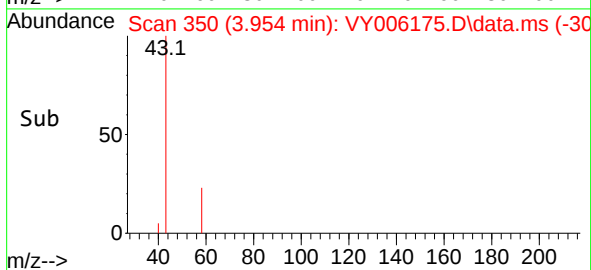
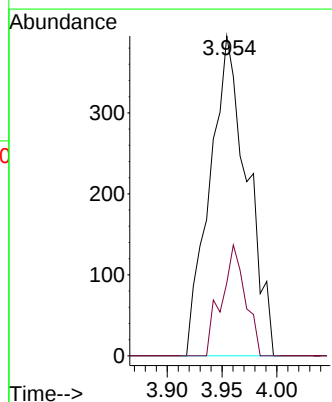
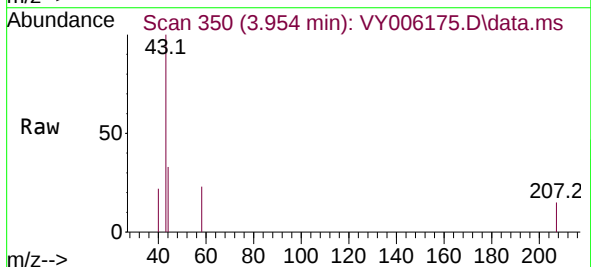
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

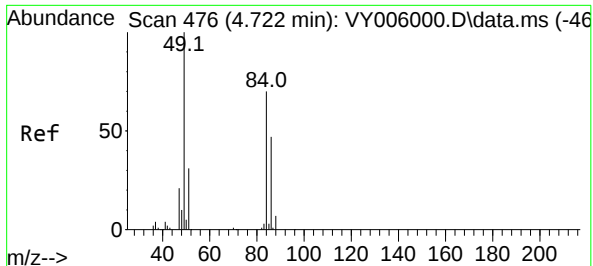
Tgt Ion:168 Resp: 123446
Ion Ratio Lower Upper
168 100
99 55.2 46.9 70.3



#16
Acetone
Concen: 1.988 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY006175.D
Acq: 27 Sep 2021 19:49

Tgt Ion: 43 Resp: 935
Ion Ratio Lower Upper
43 100
58 22.8 22.0 33.0

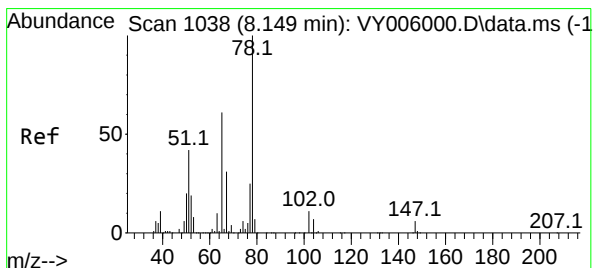
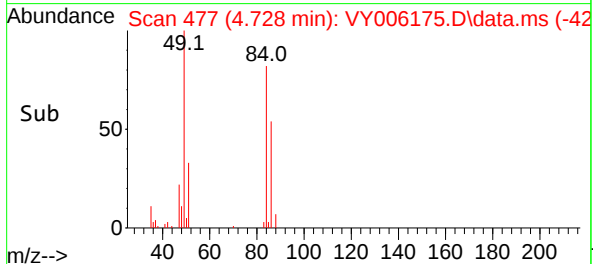
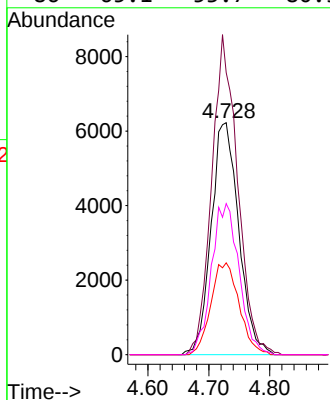
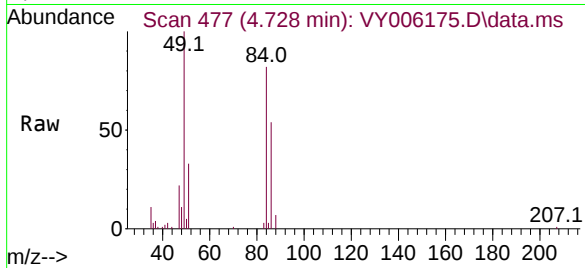




#20
Methylene Chloride
Concen: 9.582 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY006175.D
Acq: 27 Sep 2021 19:49

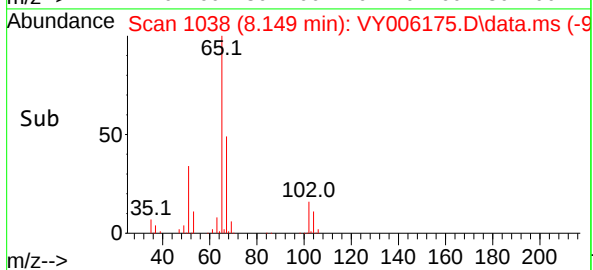
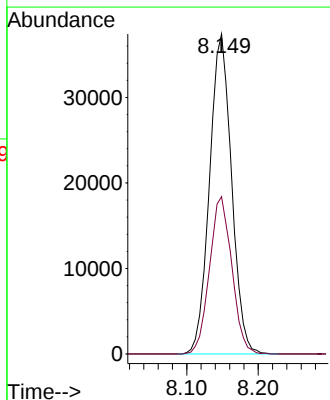
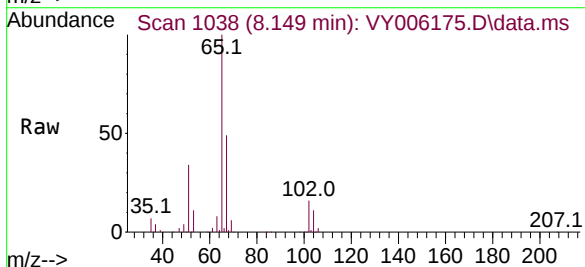
Instrument :
MSVOA_Y
ClientSampleId :
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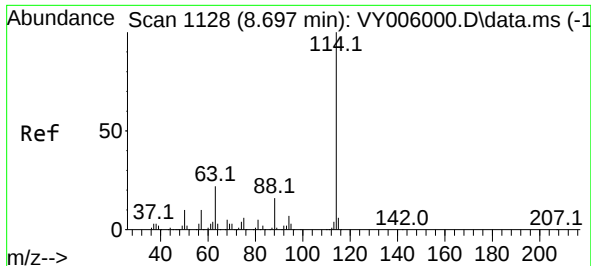
Tgt Ion:	84	Resp:	19574
Ion	Ratio	Lower	Upper
84	100		
49	121.5	114.4	171.6
51	39.6	35.3	52.9
86	65.1	53.7	80.5



#33
1,2-Dichloroethane-d4
Concen: 46.710 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006175.D
Acq: 27 Sep 2021 19:49

Tgt Ion:	65	Resp:	80096
Ion	Ratio	Lower	Upper
65	100		
67	49.7	0.0	99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY006175.D

Acq: 27 Sep 2021 19:49

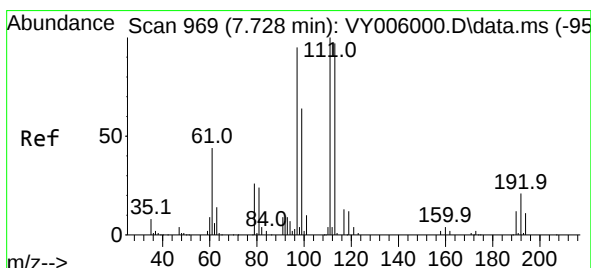
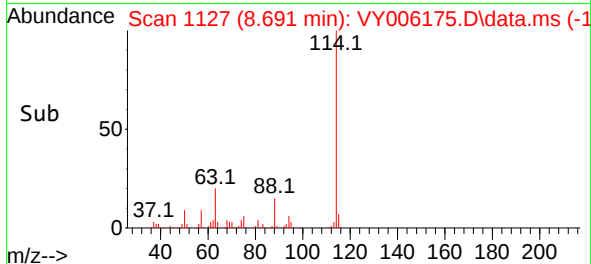
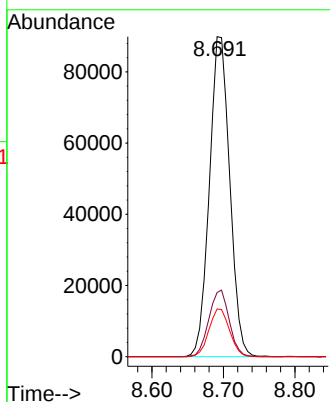
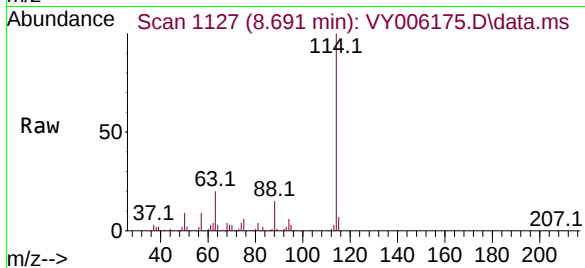
Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

Tgt Ion:114	Resp:	177519
Ion	Ratio	Lower Upper
114	100	
63	20.1	0.0 43.2
88	14.9	0.0 31.8



#35

Dibromofluoromethane

Concen: 61.733 ug/l

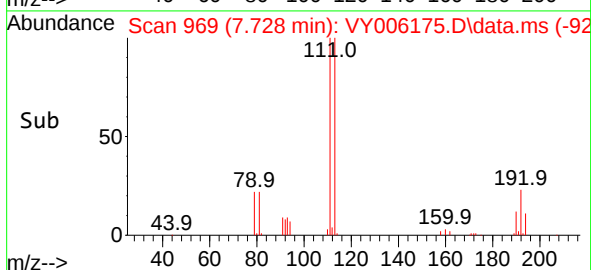
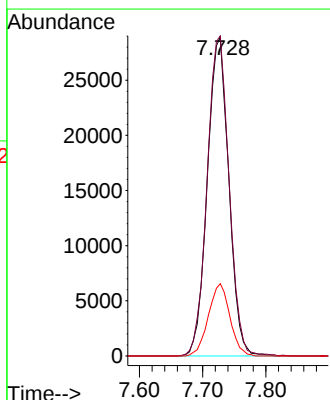
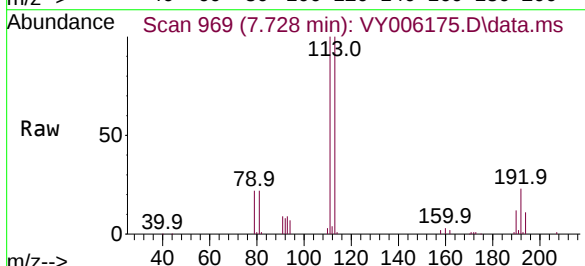
RT: 7.728 min Scan# 969

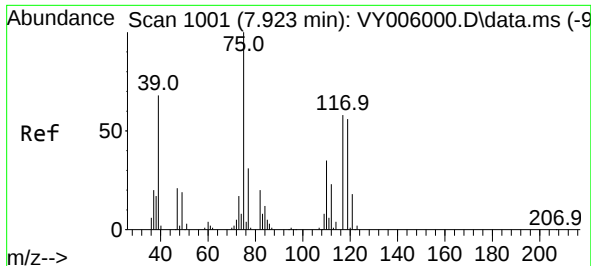
Delta R.T. -0.000 min

Lab File: VY006175.D

Acq: 27 Sep 2021 19:49

Tgt Ion:113	Resp:	68067
Ion	Ratio	Lower Upper
113	100	
111	102.7	82.6 124.0
192	22.7	17.6 26.4

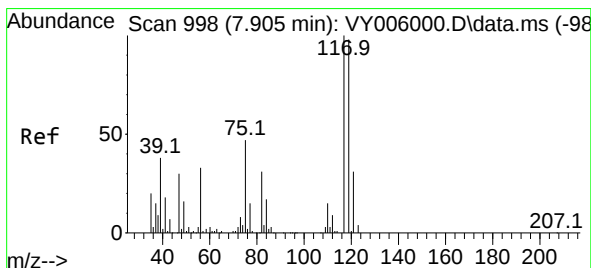
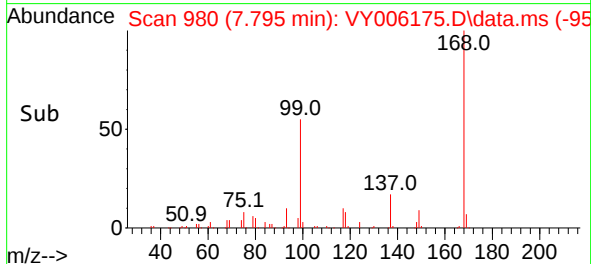
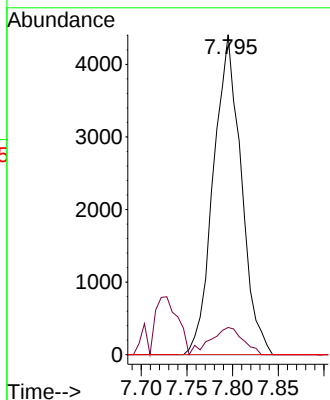
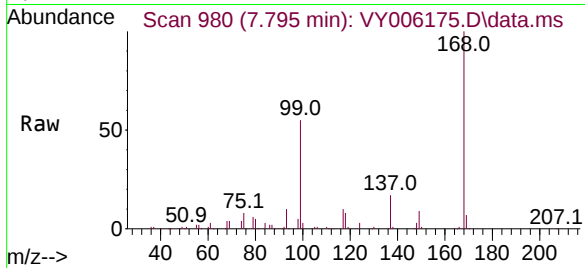




#36
1,1-Dichloropropene
Concen: 4.858 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006175.D
Acq: 27 Sep 2021 19:49

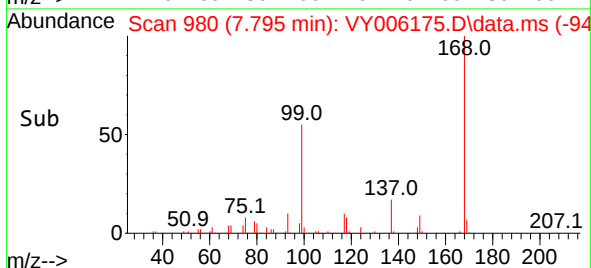
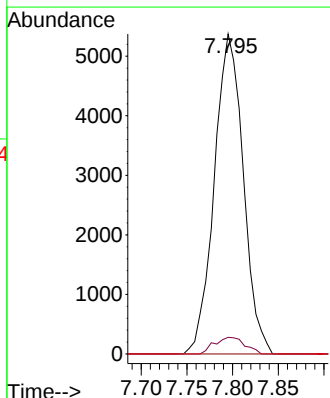
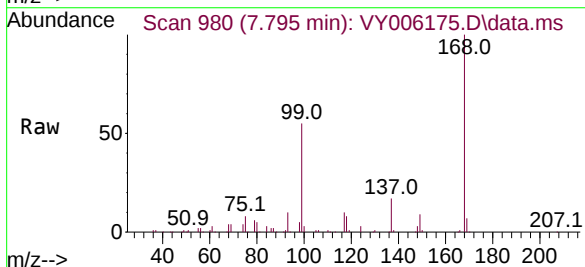
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

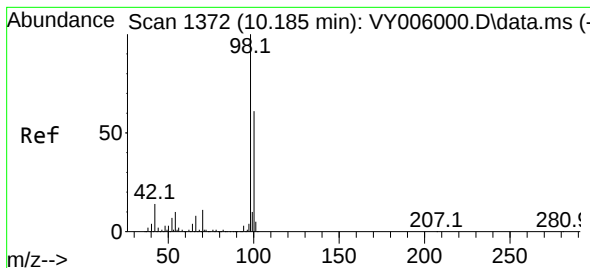
Tgt Ion: 75 Resp: 9309
Ion Ratio Lower Upper
75 100
110 9.2 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.684 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006175.D
Acq: 27 Sep 2021 19:49

Tgt Ion: 117 Resp: 11856
Ion Ratio Lower Upper
117 100
119 5.2 77.9 116.9#
121 0.0 24.8 37.2#

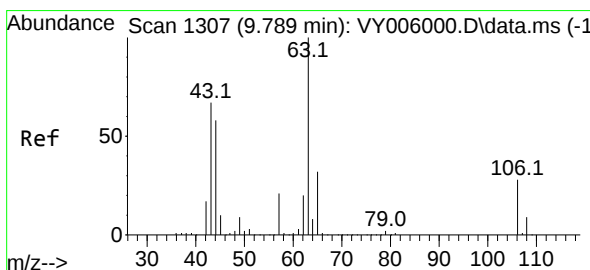
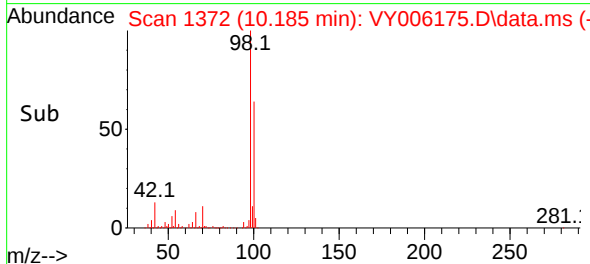
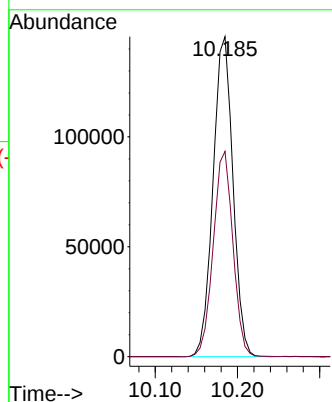
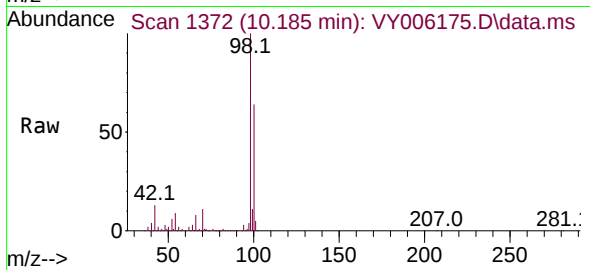




#50
Toluene-d8
Concen: 52.180 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006175.D
Acq: 27 Sep 2021 19:49

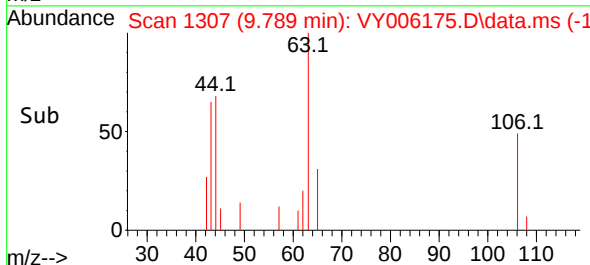
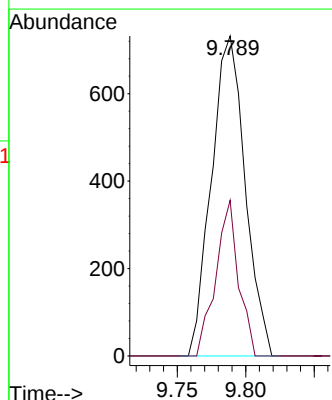
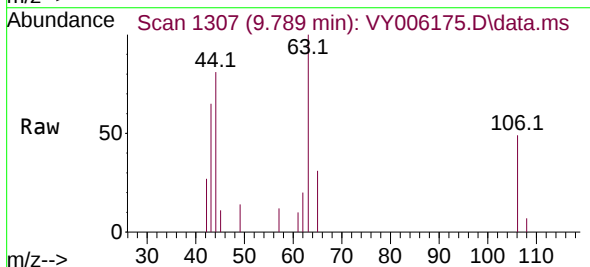
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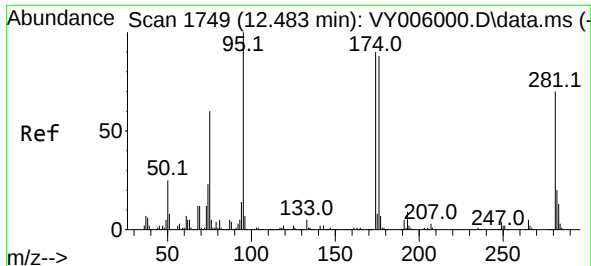
Tgt Ion: 98 Resp: 245211
Ion Ratio Lower Upper
98 100
100 63.3 50.2 75.2



#58
2-Chloroethyl Vinyl ether
Concen: 1.480 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VY006175.D
Acq: 27 Sep 2021 19:49

Tgt Ion: 63 Resp: 1252
Ion Ratio Lower Upper
63 100
106 32.7 21.5 32.3#

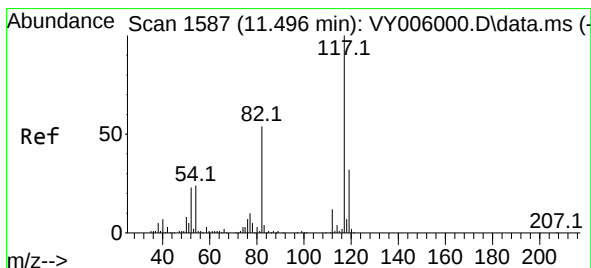
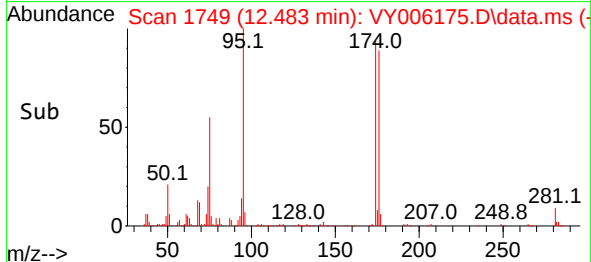
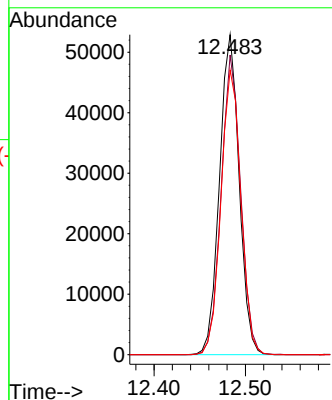
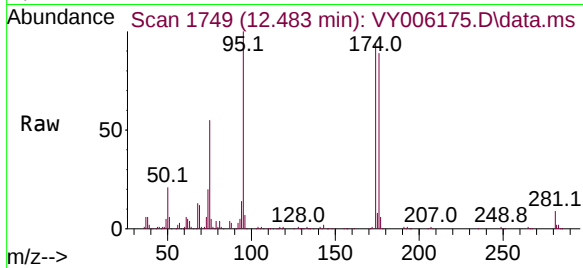




#62
4-Bromofluorobenzene
Concen: 49.686 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006175.D
Acq: 27 Sep 2021 19:49

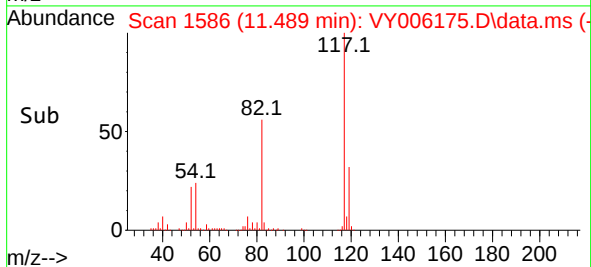
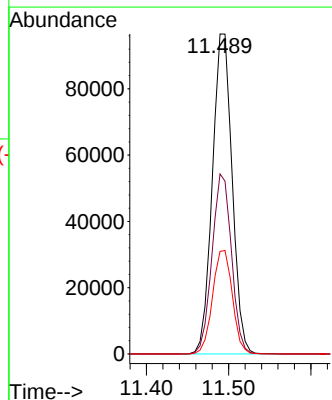
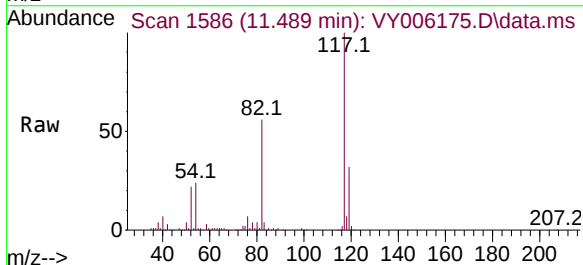
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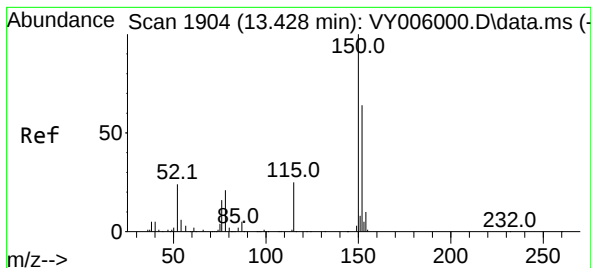
Tgt Ion: 95 Resp: 79274
Ion Ratio Lower Upper
95 100
174 92.8 0.0 177.0
176 90.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006175.D
Acq: 27 Sep 2021 19:49

Tgt Ion: 117 Resp: 161330
Ion Ratio Lower Upper
117 100
82 56.2 43.0 64.4
119 32.1 25.4 38.0

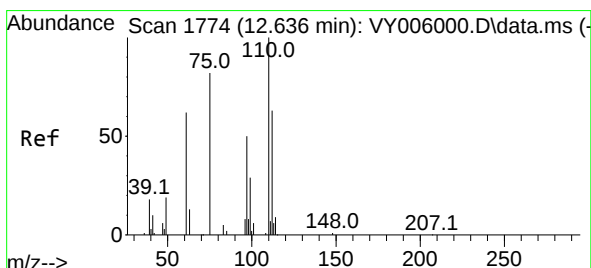
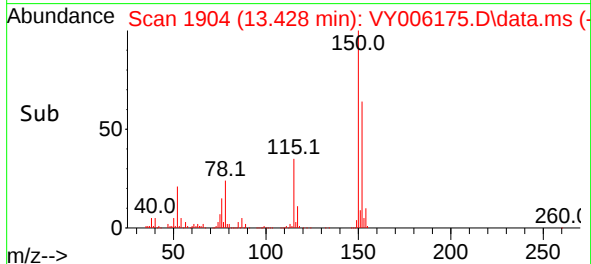
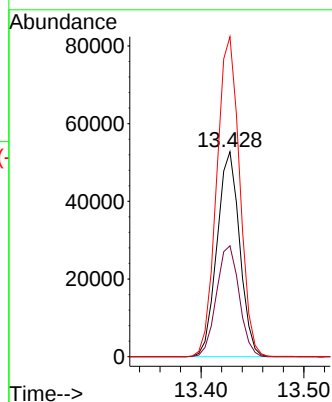
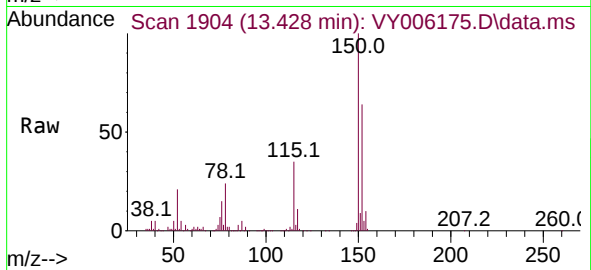




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006175.D
Acq: 27 Sep 2021 19:49

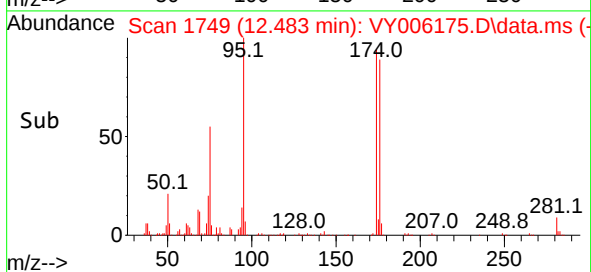
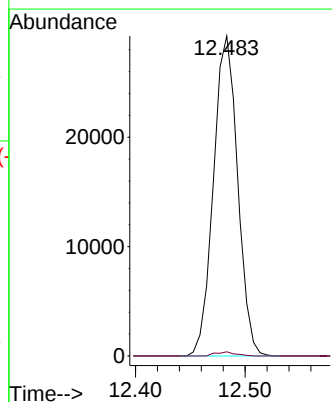
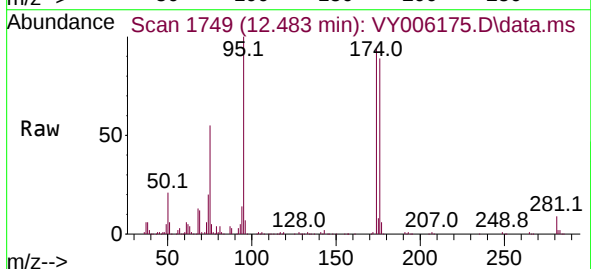
Instrument :
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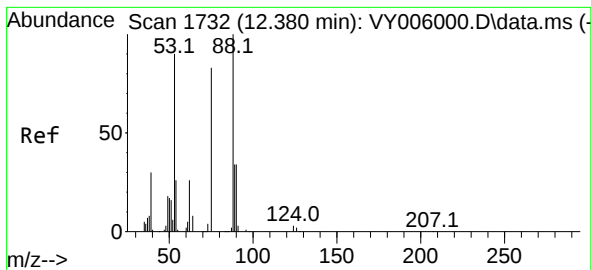
Tgt Ion:152 Resp: 80603
Ion Ratio Lower Upper
152 100
115 54.6 28.2 84.7
150 158.2 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 52.224 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006175.D
Acq: 27 Sep 2021 19:49

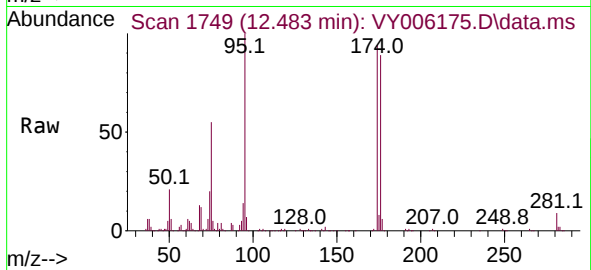
Tgt Ion: 75 Resp: 44880
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.014 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY006175.D
 Acq: 27 Sep 2021 19:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.2	37.0	55.4#

