

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100421\
 Data File : VY006296.D
 Acq On : 04 Oct 2021 22:57
 Operator : SY/MD
 Sample : M4043-01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-03-100121

Quant Time: Oct 05 06:40:00 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)

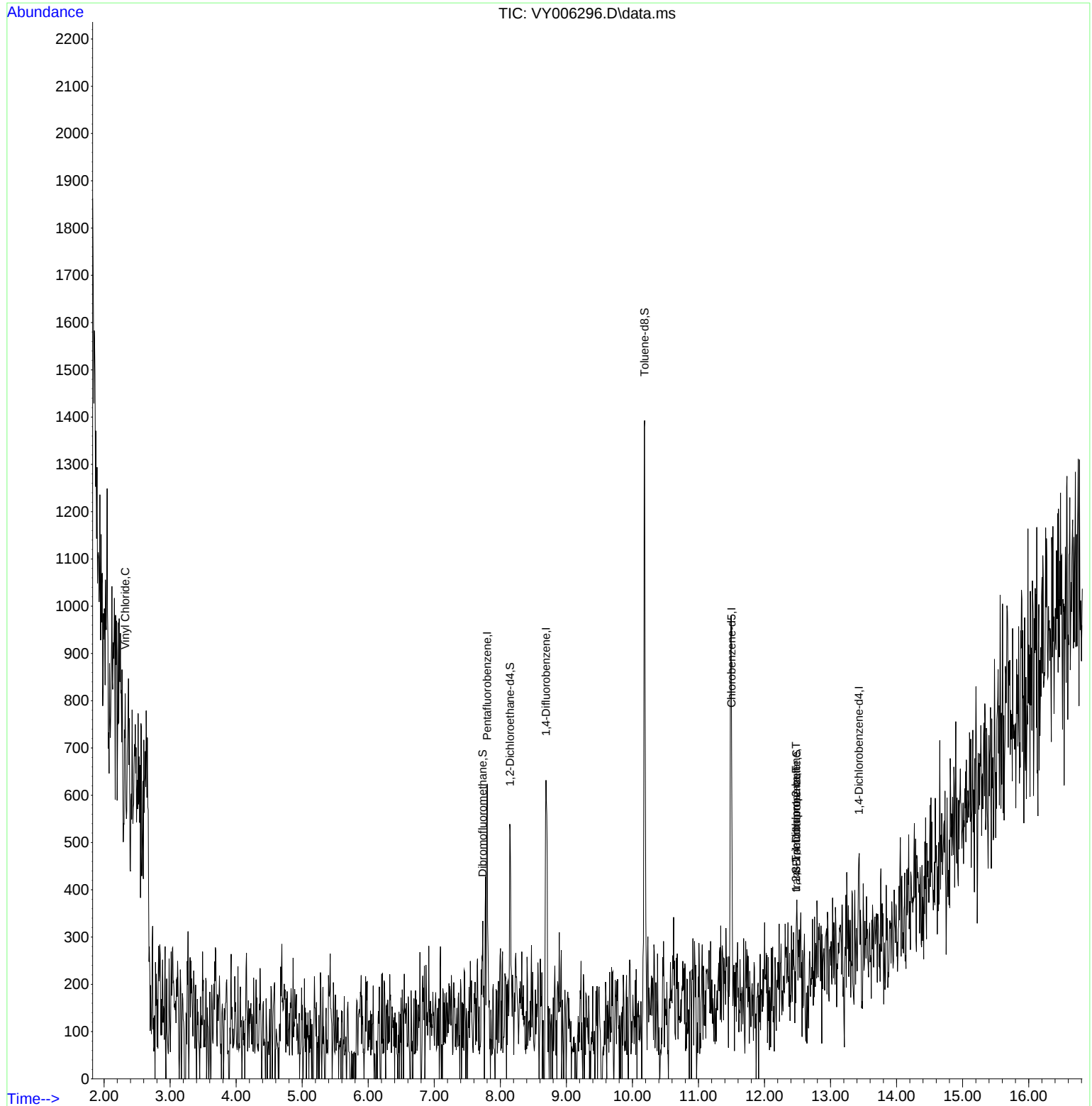
Internal Standards						
1) Pentafluorobenzene	7.801	168	521	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	794	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	597	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	67	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	388	69.581	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	139.160%
35) Dibromofluoromethane	7.734	113	25	5.893	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	11.780%#
50) Toluene-d8	10.185	98	819	46.131	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.260%
62) 4-Bromofluorobenzene	12.483	95	48	7.959	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	15.920%#
Target Compounds						Qvalue
4) Vinyl Chloride	2.320	62	64	9.382	ug/l #	43
76) 1,2,3-Trichloropropane	12.477	75	40	61.425	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	40	120.708	ug/l #	7

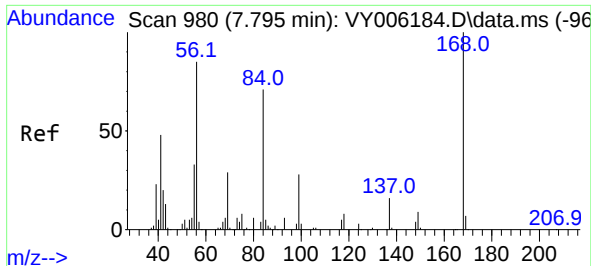
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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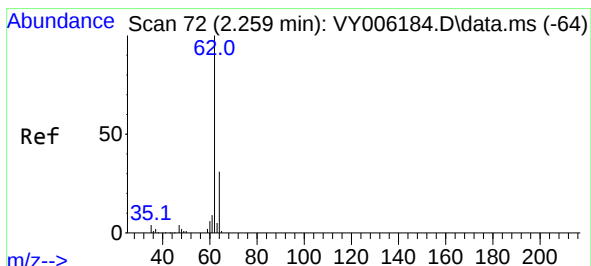
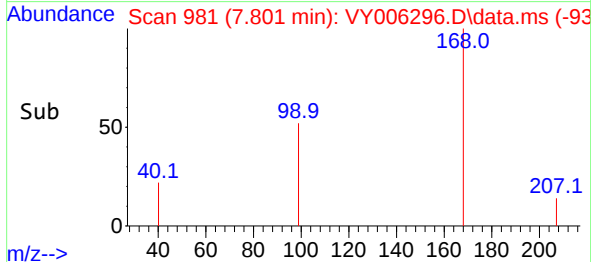
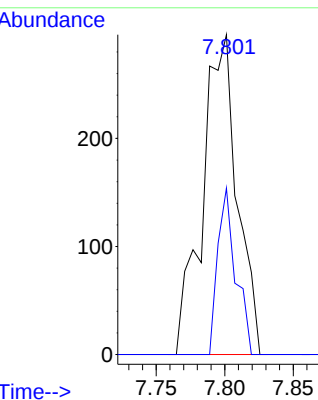
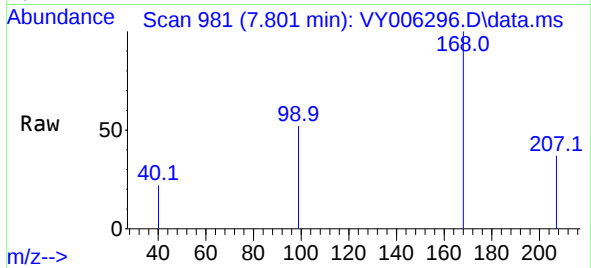




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006296.D
Acq: 04 Oct 2021 22:57

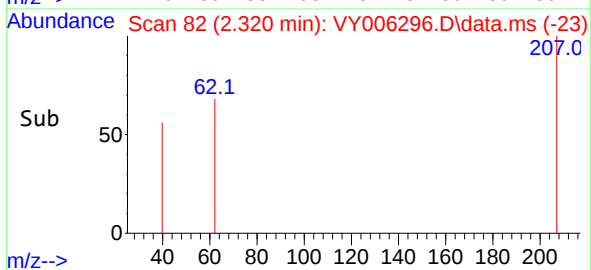
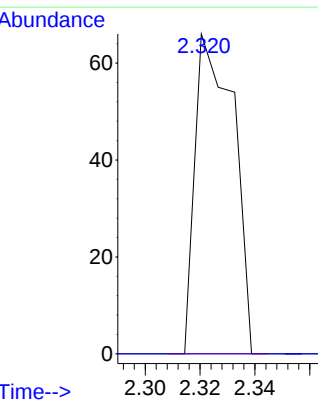
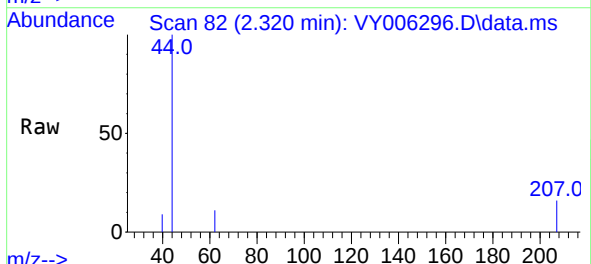
Instrument :
MSVOA_Y
ClientSampleId :
HR-03-100121

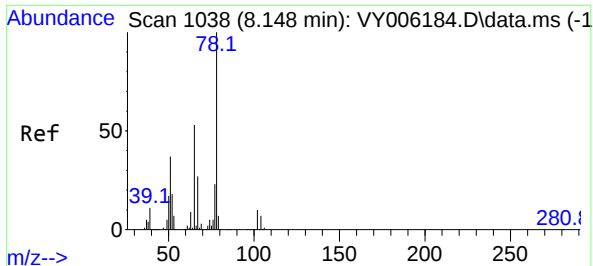
Tgt Ion:168 Resp: 521
Ion Ratio Lower Upper
168 100
99 52.0 46.9 70.3



#4
Vinyl Chloride
Concen: 9.382 ug/l
RT: 2.320 min Scan# 82
Delta R.T. 0.061 min
Lab File: VY006296.D
Acq: 04 Oct 2021 22:57

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

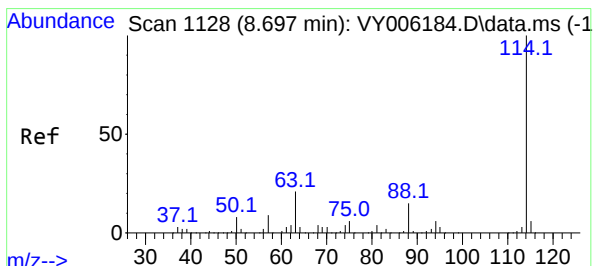
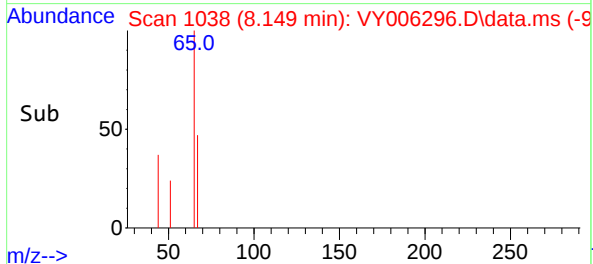
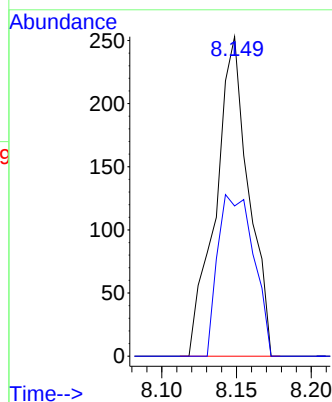
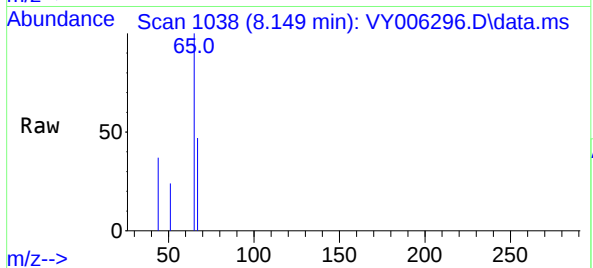




#33
1,2-Dichloroethane-d4
Concen: 69.581 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006296.D
Acq: 04 Oct 2021 22:57

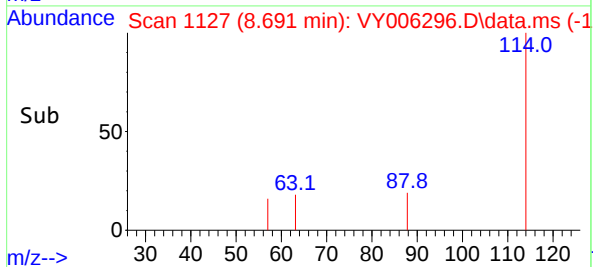
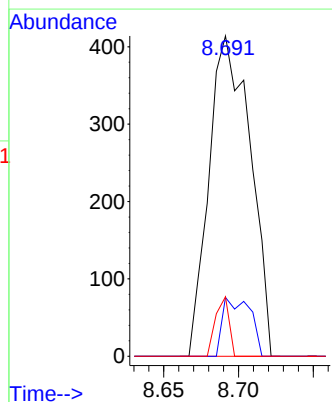
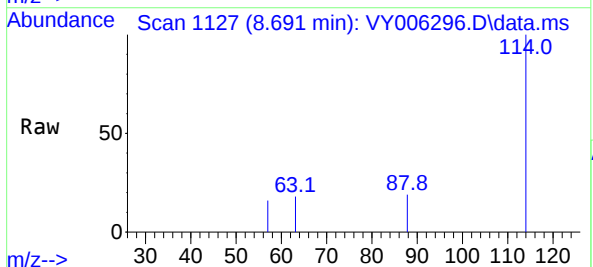
Instrument :
MSVOA_Y
ClientSampled :
HR-03-100121

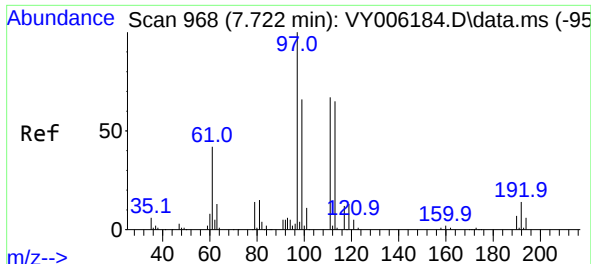
Tgt Ion: 65 Resp: 388
Ion Ratio Lower Upper
65 100
67 54.9 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY006296.D
Acq: 04 Oct 2021 22:57

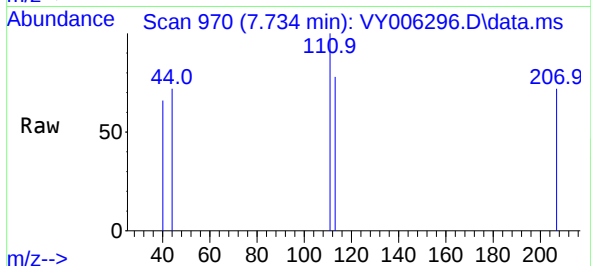
Tgt Ion: 114 Resp: 794
Ion Ratio Lower Upper
114 100
63 18.4 0.0 43.2
88 18.6 0.0 31.8



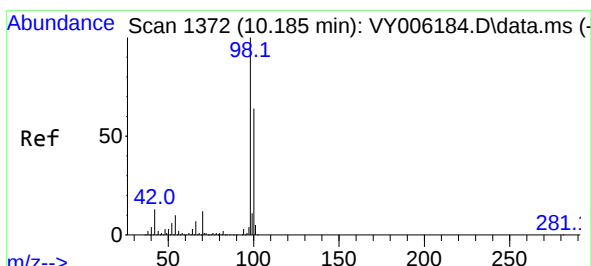
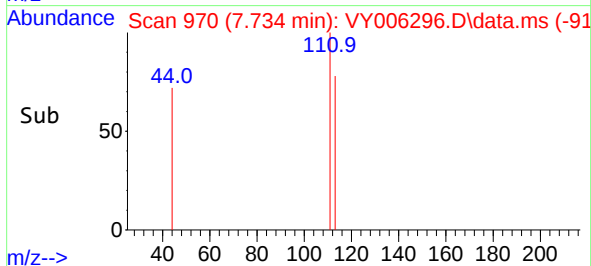
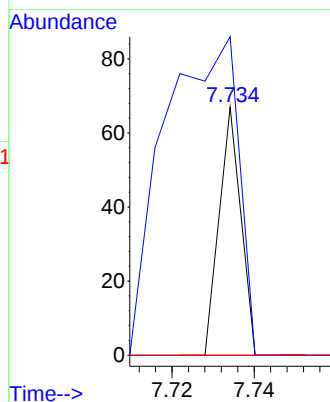


#35
Dibromofluoromethane
Concen: 5.893 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.012 min
Lab File: VY006296.D
Acq: 04 Oct 2021 22:57

Instrument :
MSVOA_Y
ClientSampleId :
HR-03-100121

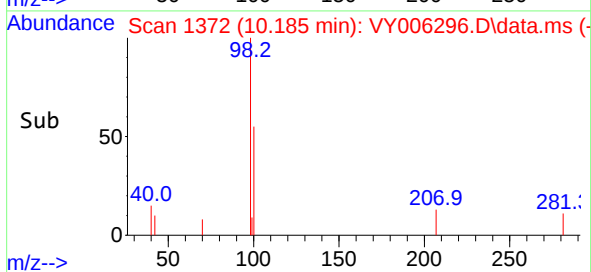
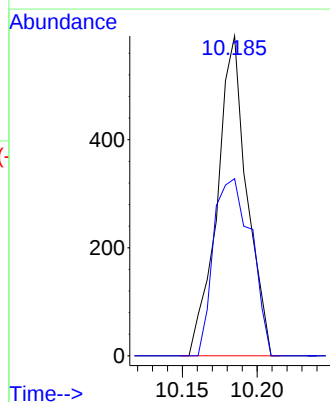
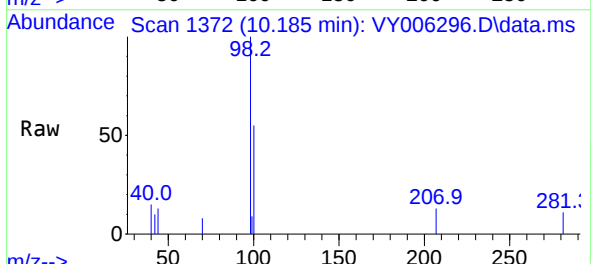


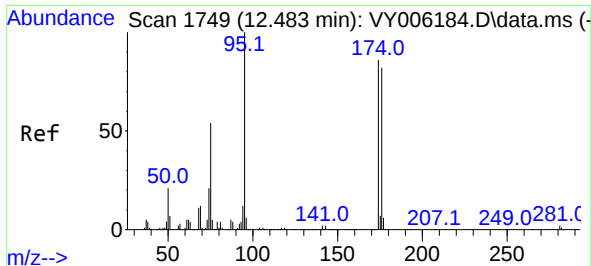
Tgt Ion:113 Resp: 25
Ion Ratio Lower Upper
113 100
111 428.0 82.6 124.0#
192 0.0 17.6 26.4#



#50
Toluene-d8
Concen: 46.131 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006296.D
Acq: 04 Oct 2021 22:57

Tgt Ion: 98 Resp: 819
Ion Ratio Lower Upper
98 100
100 70.2 50.2 75.2

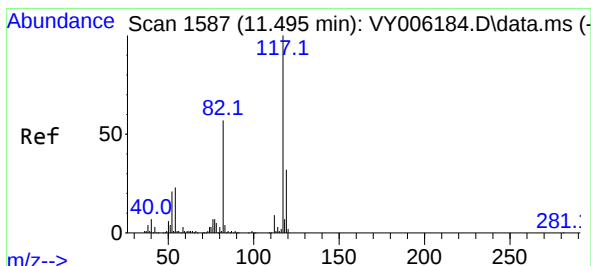
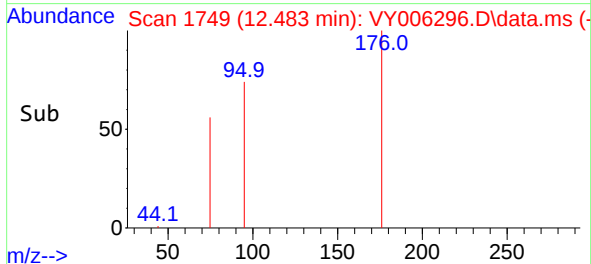
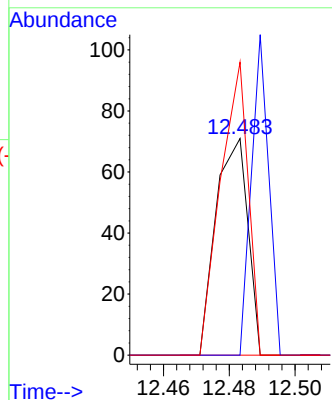
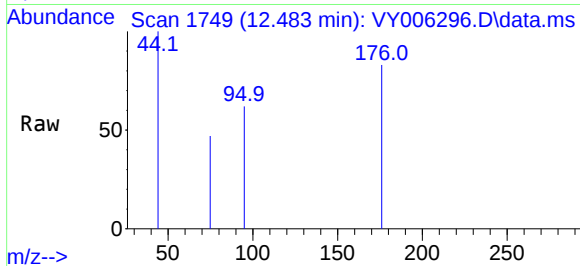




#62
4-Bromofluorobenzene
Concen: 7.959 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006296.D
Acq: 04 Oct 2021 22:57

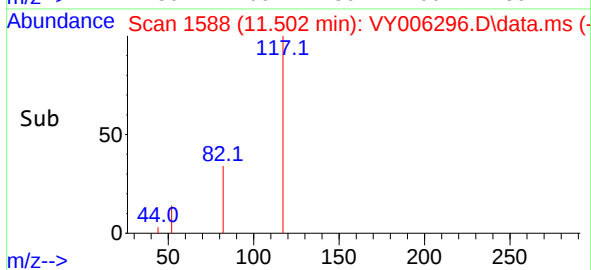
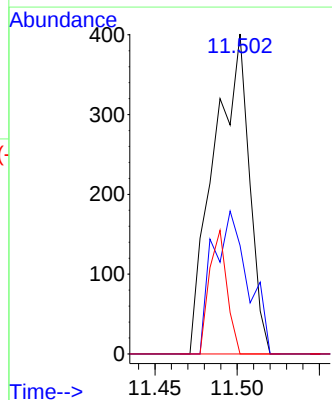
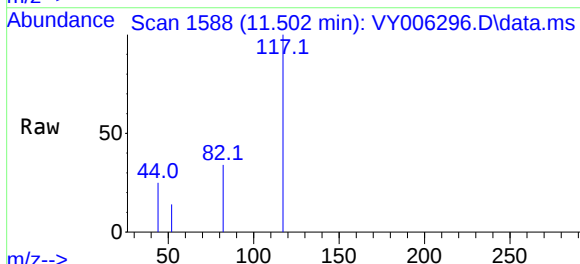
Instrument :
MSVOA_Y
ClientSampleId :
HR-03-100121

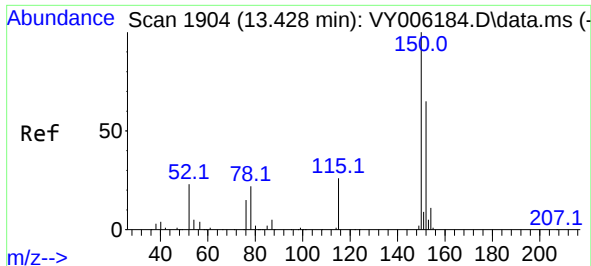
Tgt Ion:	95	Resp:	48
Ion	Ratio	Lower	Upper
95	100		
174	79.2	0.0	177.0
176	116.7	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.006 min
Lab File: VY006296.D
Acq: 04 Oct 2021 22:57

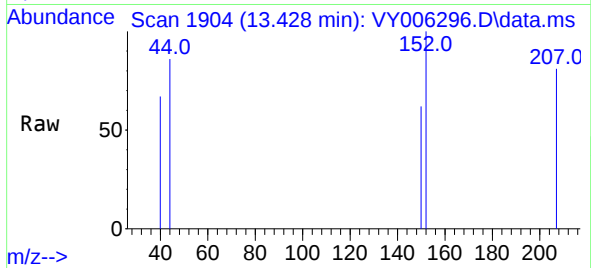
Tgt Ion:	117	Resp:	597
Ion	Ratio	Lower	Upper
117	100		
82	33.9	43.0	64.4#
119	0.0	25.4	38.0#



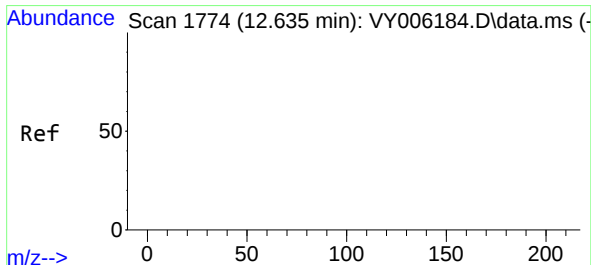
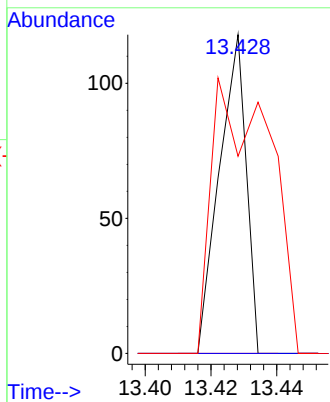
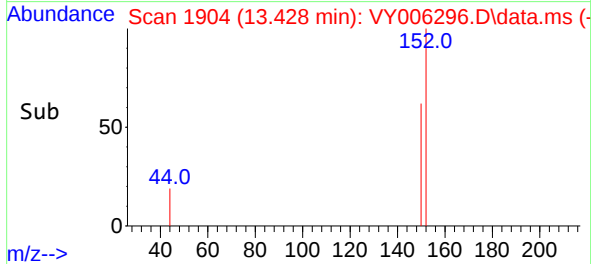


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006296.D
Acq: 04 Oct 2021 22:57

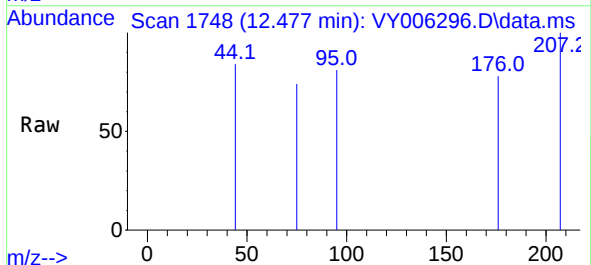
Instrument :
MSVOA_Y
ClientSampleId :
HR-03-100121



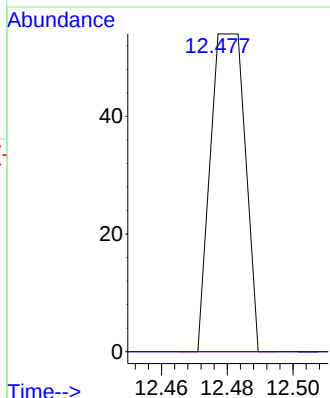
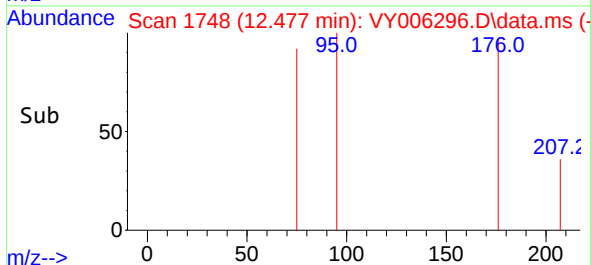
Tgt Ion:152 Resp: 67
Ion Ratio Lower Upper
152 100
115 0.0 28.2 84.7#
150 186.6 0.0 347.6

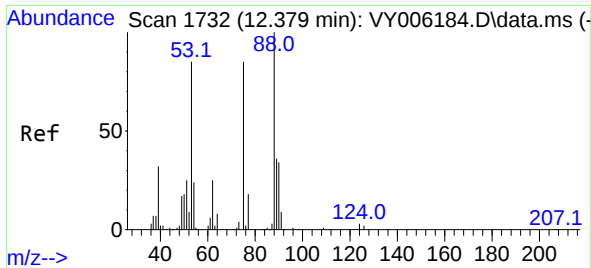


#76
1,2,3-Trichloropropane
Concen: 61.425 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY006296.D
Acq: 04 Oct 2021 22:57



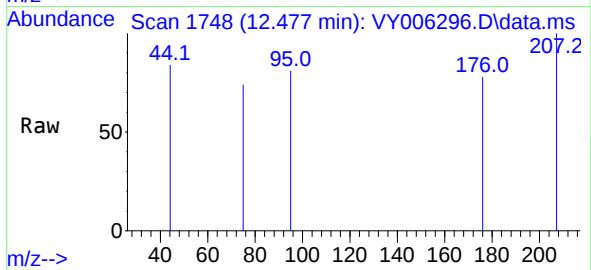
Tgt Ion: 75 Resp: 40
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 120.708 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. 0.098 min
 Lab File: VY006296.D
 Acq: 04 Oct 2021 22:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-03-100121



Tgt Ion: 75 Resp: 40
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

