

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110121\
 Data File : VY006566.D
 Acq On : 01 Nov 2021 20:50
 Operator : SY/MD
 Sample : M4428-01
 Misc : 5.05G/5ML/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-01-102921RE

Quant Time: Nov 02 03:32:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

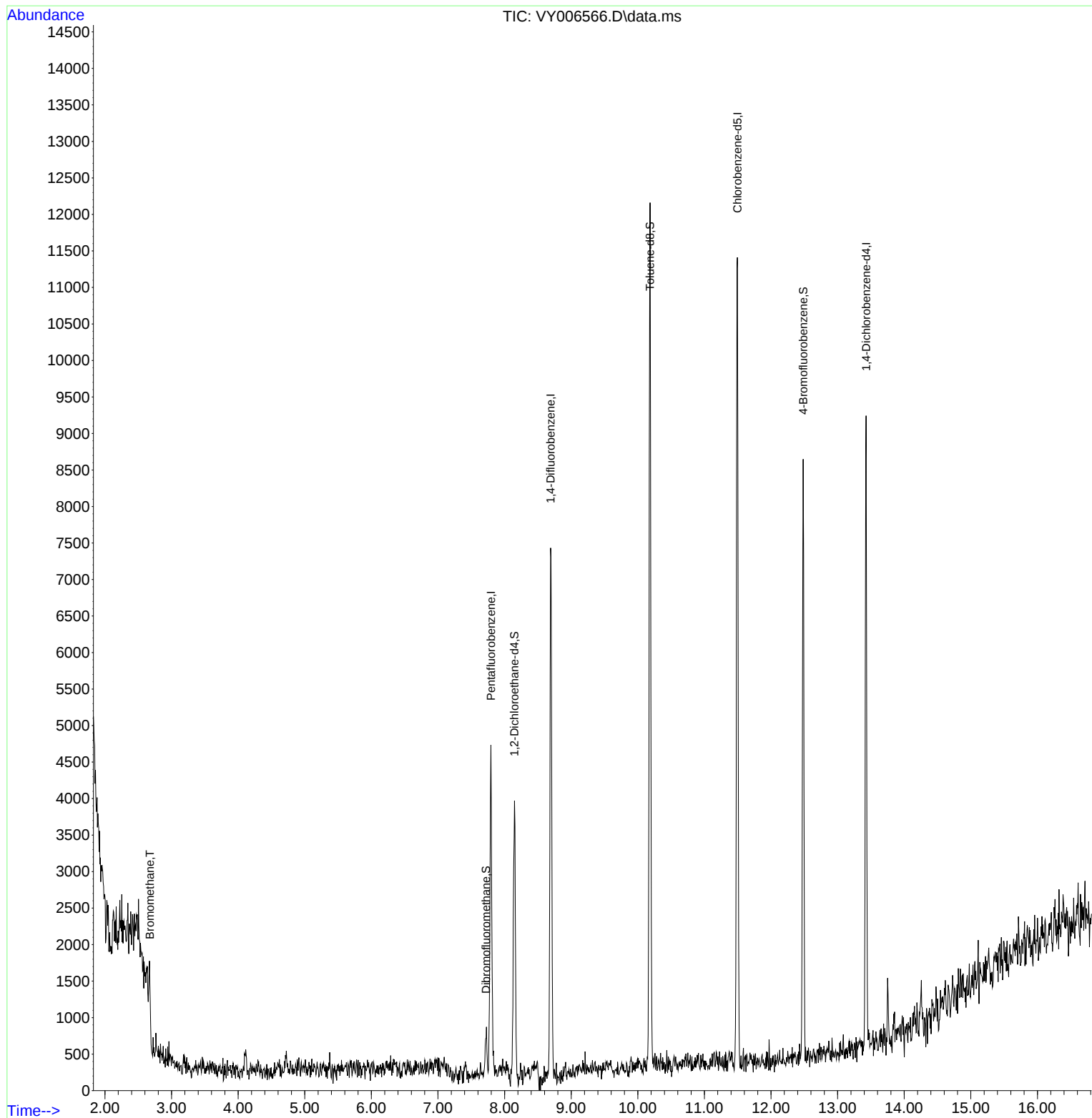
Internal Standards						
1) Pentafluorobenzene	7.795	168	3745	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	5966	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	6026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2267	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	3371	73.148	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 146.300%	
35) Dibromofluoromethane	7.722	113	439	13.202	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 26.400%#	
50) Toluene-d8	10.185	98	7720	54.766	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.540%	
62) 4-Bromofluorobenzene	12.483	95	2396	50.458	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.920%	
Target Compounds						
5) Bromomethane	2.674	94	274	7.881	ug/l	99

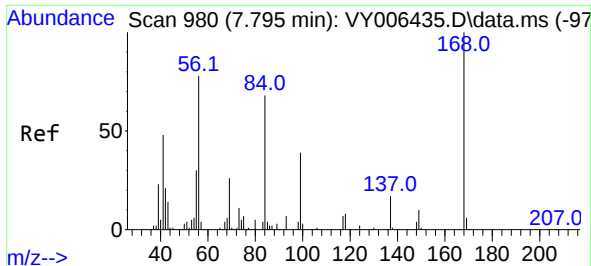
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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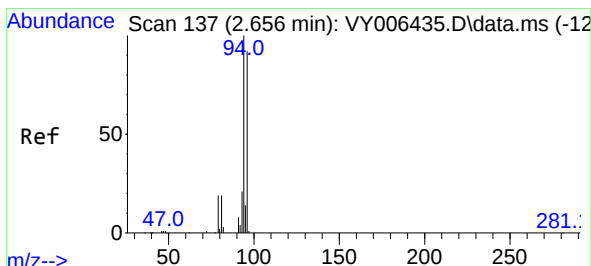
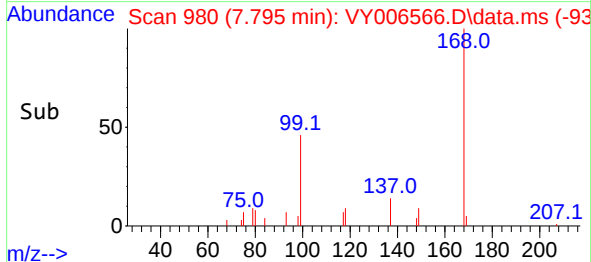
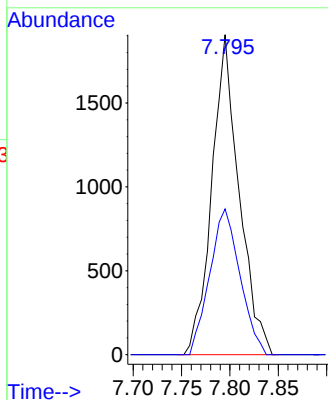
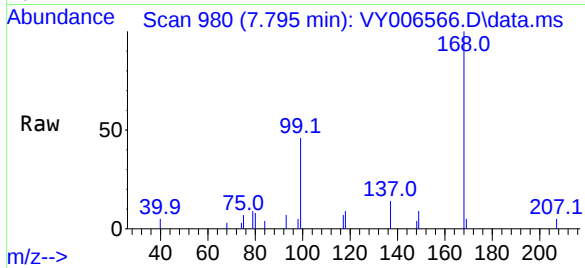




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006566.D
Acq: 01 Nov 2021 20:50

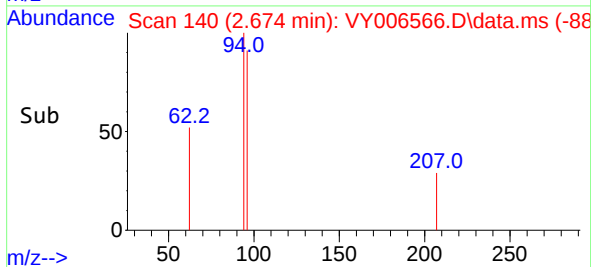
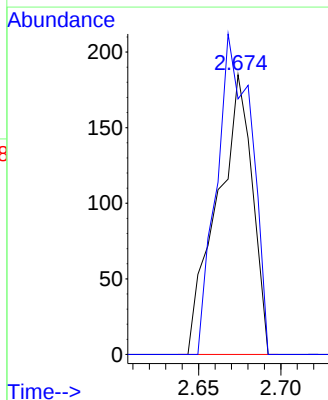
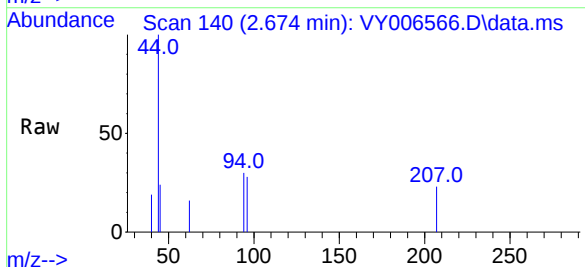
Instrument :
MSVOA_Y
ClientSampleId :
HD-01-102921RE

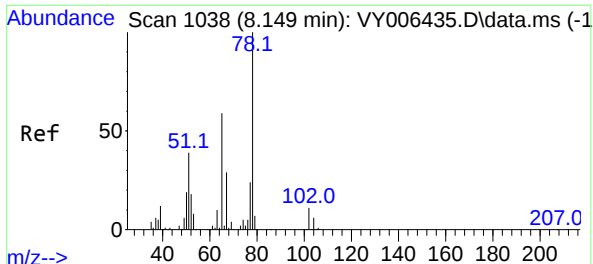
Tgt Ion:168 Resp: 3745
Ion Ratio Lower Upper
168 100
99 45.6 44.8 67.2



#5
Bromomethane
Concen: 7.881 ug/l
RT: 2.674 min Scan# 140
Delta R.T. 0.018 min
Lab File: VY006566.D
Acq: 01 Nov 2021 20:50

Tgt Ion: 94 Resp: 274
Ion Ratio Lower Upper
94 100
96 91.4 73.5 110.3





#33

1,2-Dichloroethane-d4

Concen: 73.148 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY006566.D

Acq: 01 Nov 2021 20:50

Instrument :

MSVOA_Y

ClientSampleId :

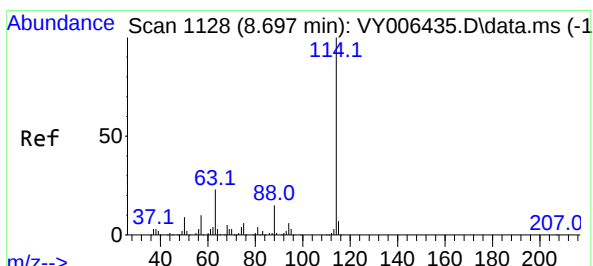
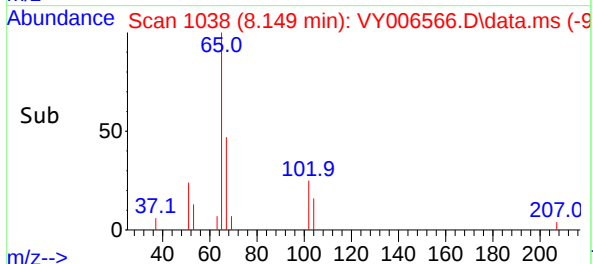
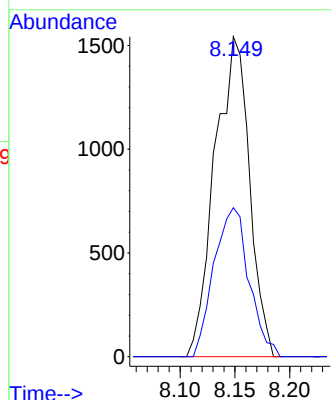
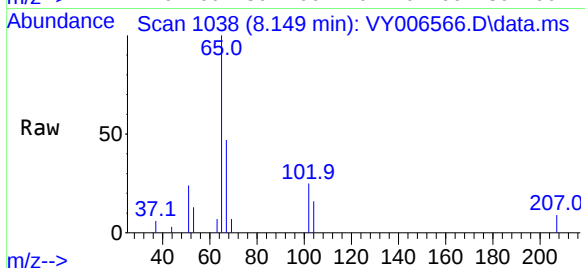
HD-01-102921RE

Tgt Ion: 65 Resp: 3371

Ion Ratio Lower Upper

65 100

67 47.3 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY006566.D

Acq: 01 Nov 2021 20:50

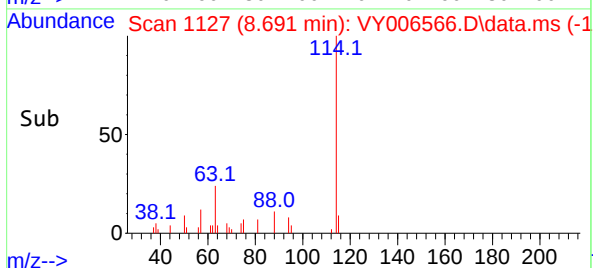
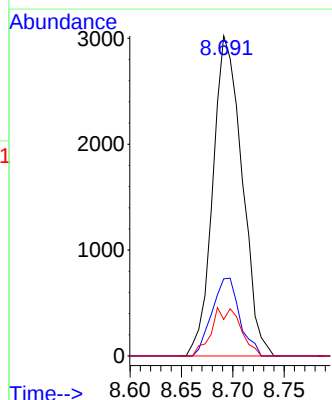
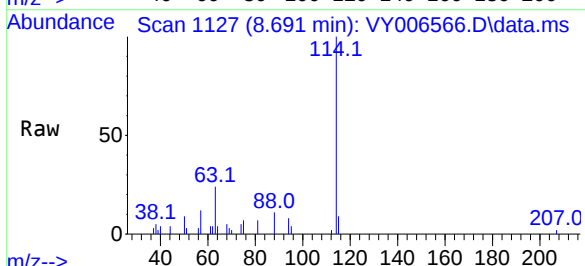
Tgt Ion: 114 Resp: 5966

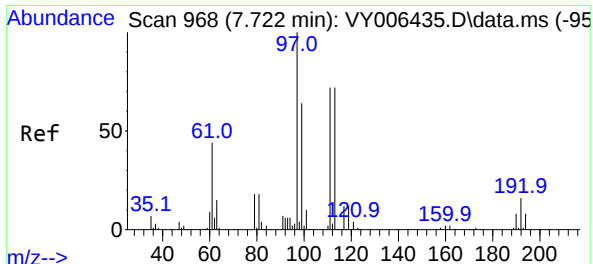
Ion Ratio Lower Upper

114 100

63 24.1 0.0 45.0

88 11.4 0.0 30.6

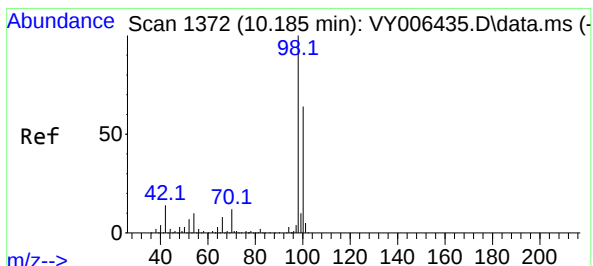
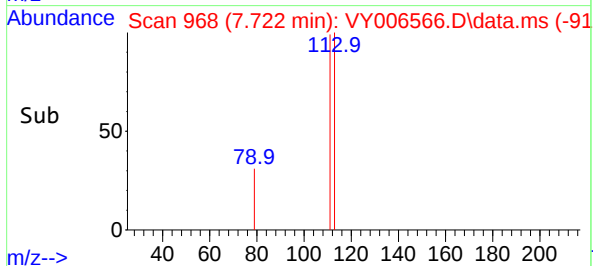
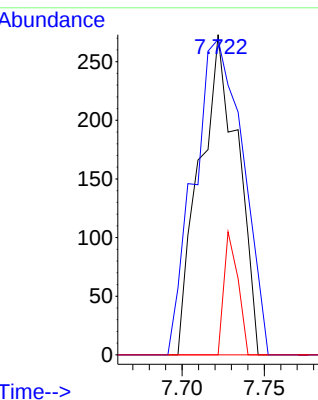
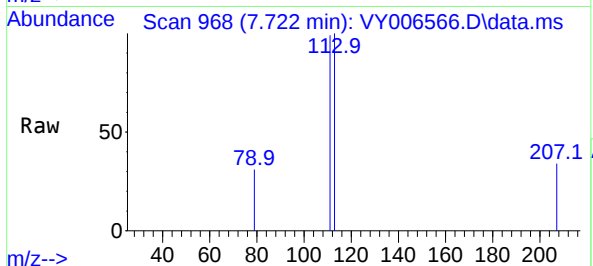




#35
Dibromofluoromethane
Concen: 13.202 ug/l
RT: 7.722 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY006566.D
Acq: 01 Nov 2021 20:50

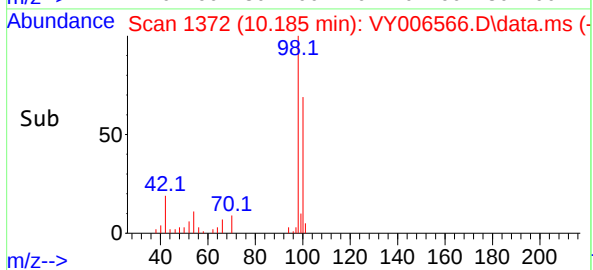
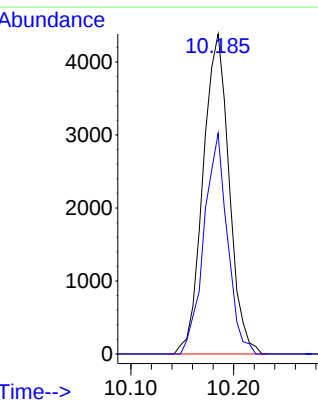
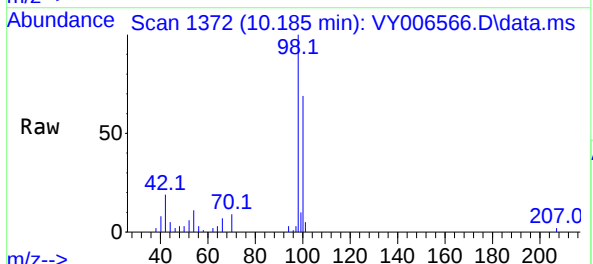
Instrument :
MSVOA_Y
ClientSampleId :
HD-01-102921RE

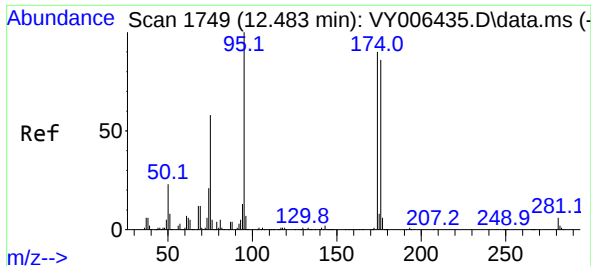
Tgt Ion:113 Resp: 439
Ion Ratio Lower Upper
113 100
111 126.7 82.3 123.5#
192 14.1 17.4 26.2#



#50
Toluene-d8
Concen: 54.766 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006566.D
Acq: 01 Nov 2021 20:50

Tgt Ion: 98 Resp: 7720
Ion Ratio Lower Upper
98 100
100 61.8 50.9 76.3

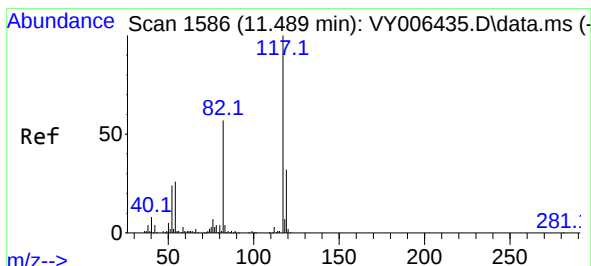
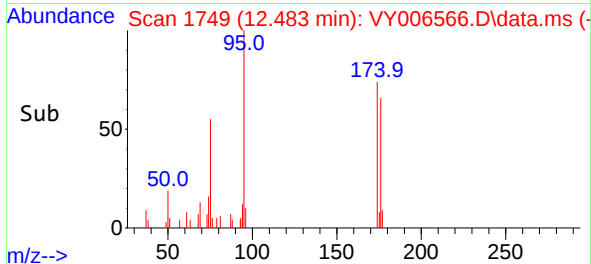
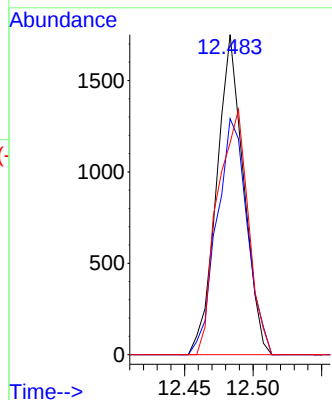
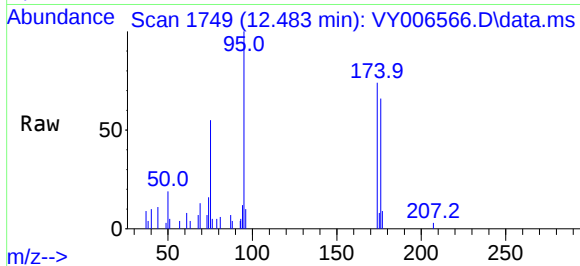




#62
4-Bromofluorobenzene
Concen: 50.458 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006566.D
Acq: 01 Nov 2021 20:50

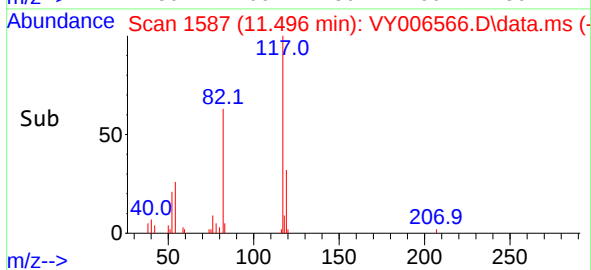
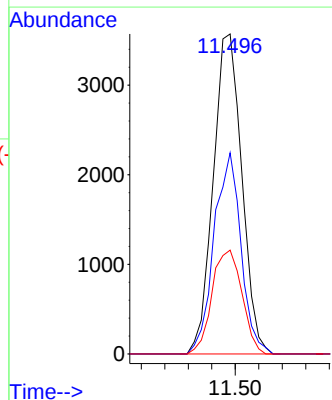
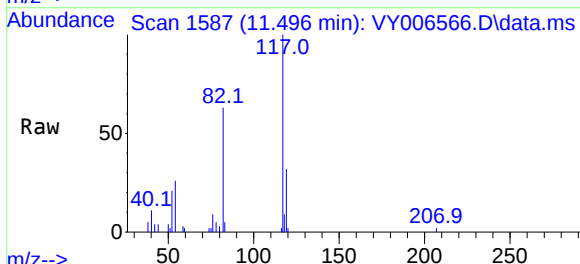
Instrument :
MSVOA_Y
ClientSampleId :
HD-01-102921RE

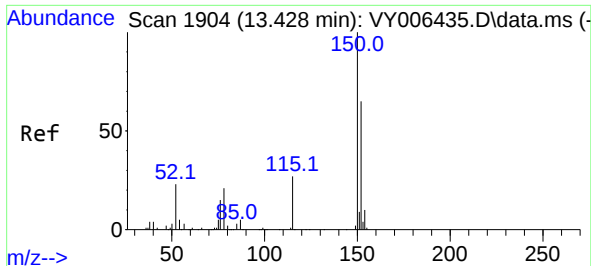
Tgt Ion:	95	Resp:	2396
Ion	Ratio	Lower	Upper
95	100		
174	83.5	0.0	177.0
176	87.8	0.0	169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY006566.D
Acq: 01 Nov 2021 20:50

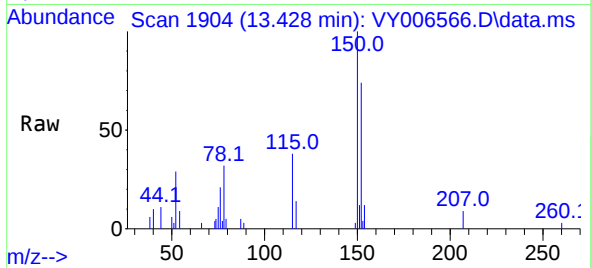
Tgt Ion:	117	Resp:	6026
Ion	Ratio	Lower	Upper
117	100		
82	62.9	45.7	68.5
119	32.5	25.5	38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY006566.D
 Acq: 01 Nov 2021 20:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-01-102921RE



Tgt Ion:	152	Resp:	2267
Ion	Ratio	Lower	Upper
152	100		
115	56.4	28.5	85.5
150	141.6	0.0	348.2

