

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102621\
 Data File : VY006488.D
 Acq On : 26 Oct 2021 17:58
 Operator : SY/MD
 Sample : M4336-07
 Misc : 5.22G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 G2

Quant Time: Oct 27 05:27:09 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)

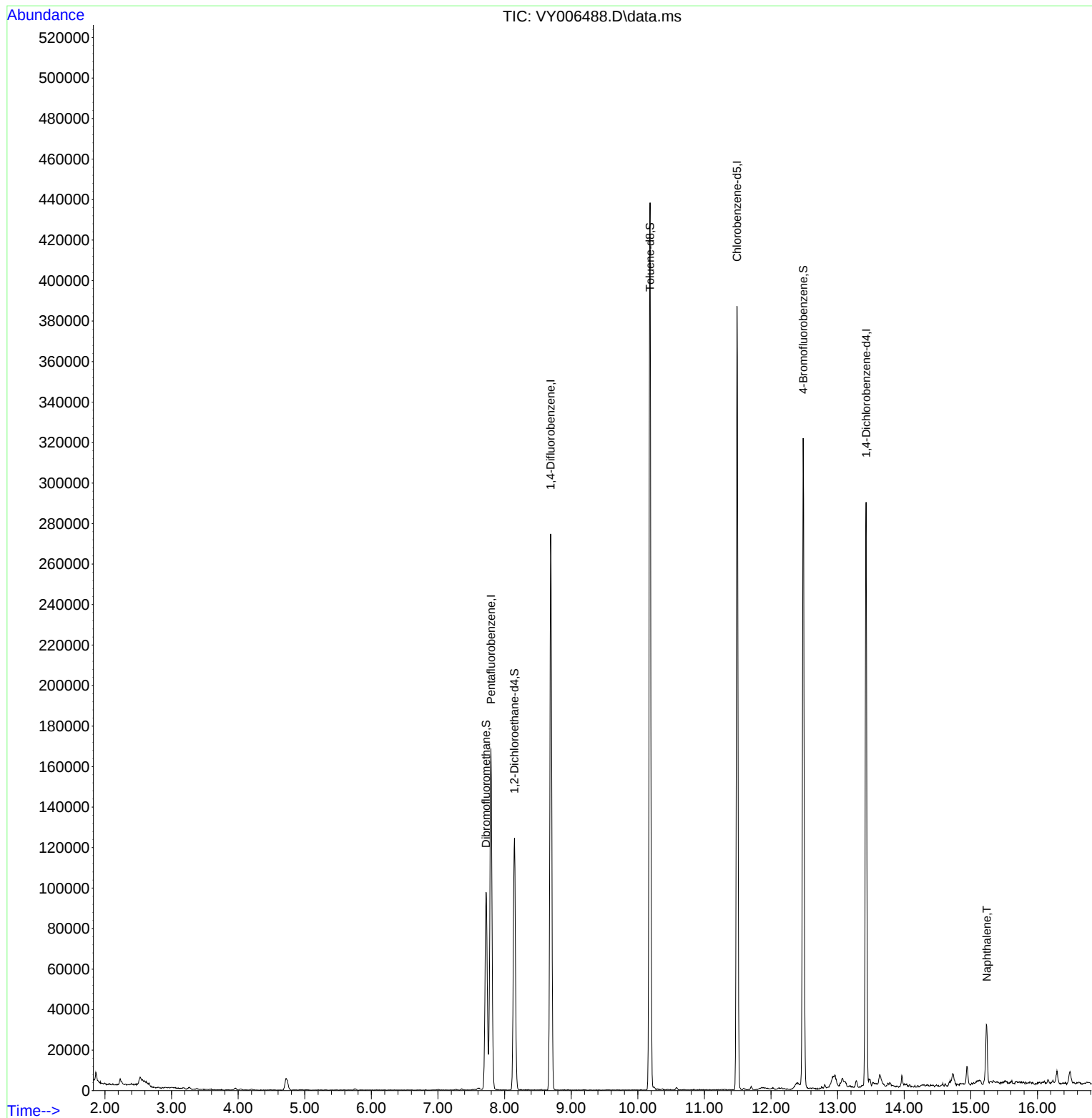
Internal Standards						
1) Pentafluorobenzene	7.795	168	125636	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	213924	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	191921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	68932	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	101571	65.698	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.400%	
35) Dibromofluoromethane	7.722	113	65502	54.935	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.880%	
50) Toluene-d8	10.185	98	275696	54.544	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.080%	
62) 4-Bromofluorobenzene	12.483	95	79441	46.657	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.320%	
Target Compounds						
95) Naphthalene	15.239	128	22703	8.785	ug/l	Qvalue 99

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

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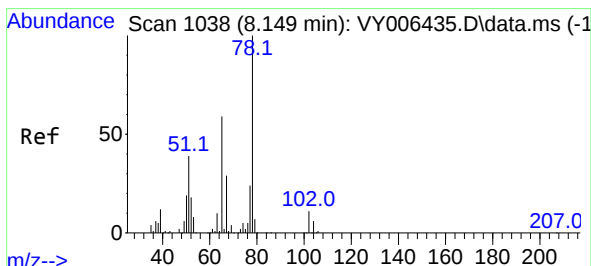
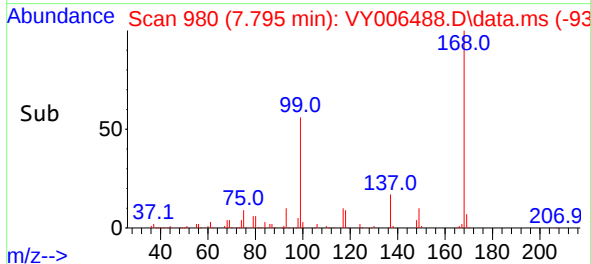
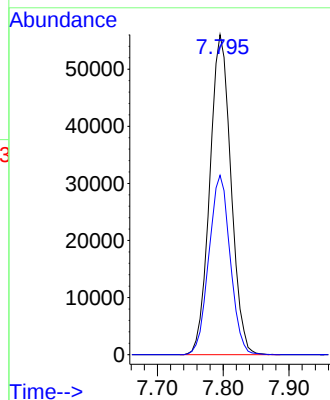
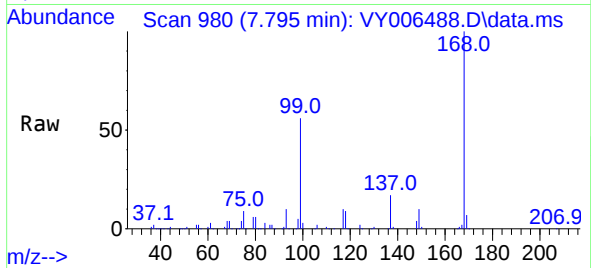




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006488.D
Acq: 26 Oct 2021 17:58

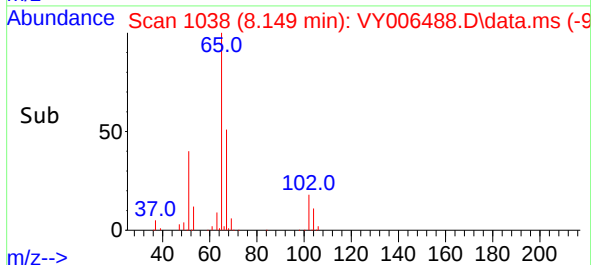
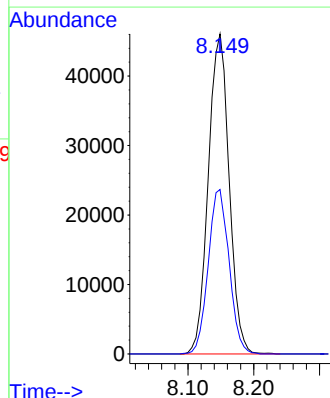
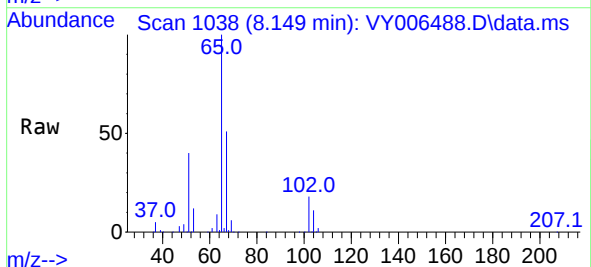
Instrument :
MSVOA_Y
ClientSampleId :
G2

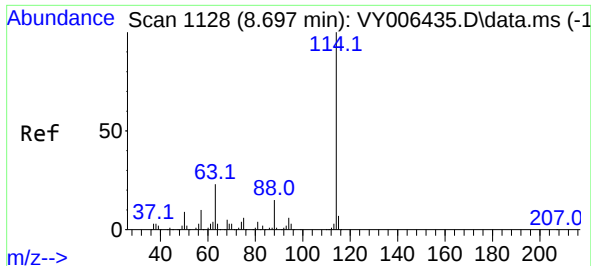
Tgt Ion:168 Resp: 125636
Ion Ratio Lower Upper
168 100
99 56.1 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 65.698 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006488.D
Acq: 26 Oct 2021 17:58

Tgt Ion: 65 Resp: 101571
Ion Ratio Lower Upper
65 100
67 51.5 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY006488.D

Acq: 26 Oct 2021 17:58

Instrument :

MSVOA_Y

ClientSampleId :

G2

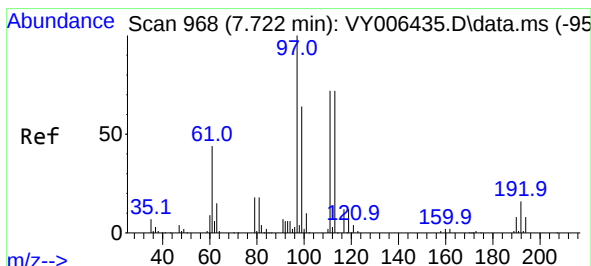
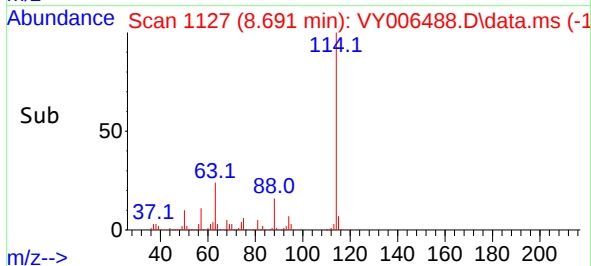
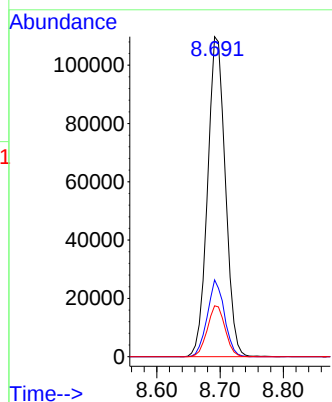
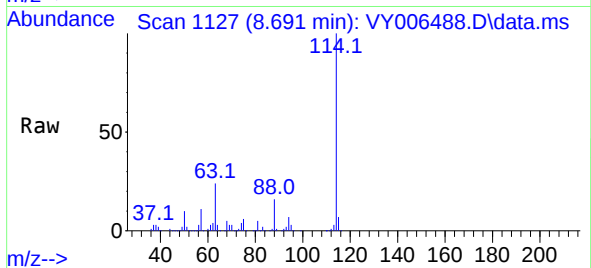
Tgt Ion:114 Resp: 213924

Ion Ratio Lower Upper

114 100

63 24.0 0.0 45.0

88 15.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.935 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY006488.D

Acq: 26 Oct 2021 17:58

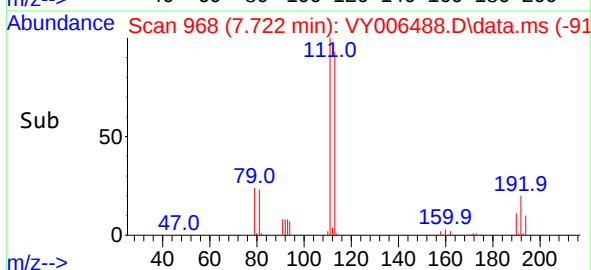
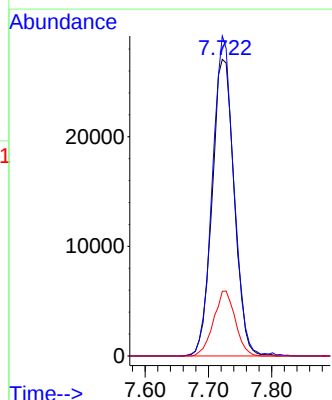
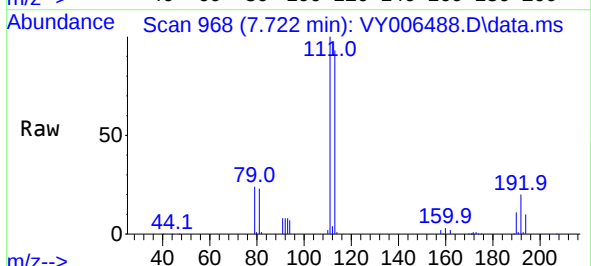
Tgt Ion:113 Resp: 65502

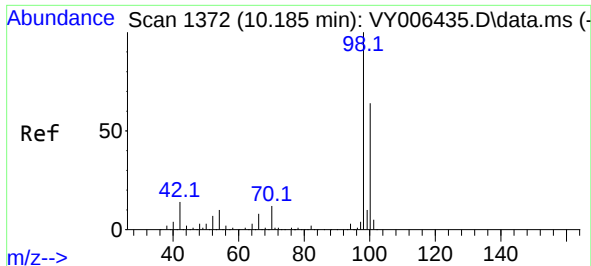
Ion Ratio Lower Upper

113 100

111 104.0 82.3 123.5

192 21.5 17.4 26.2

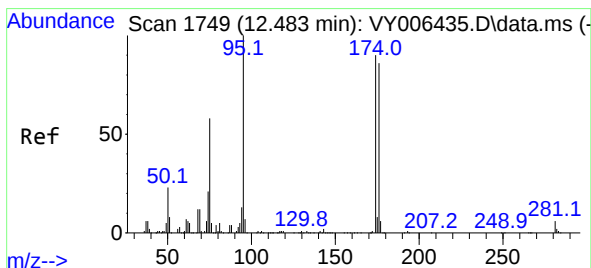
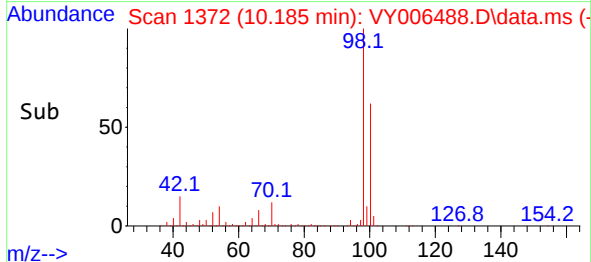
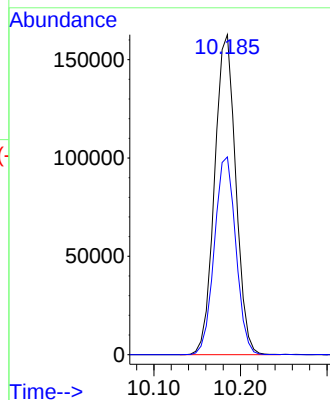
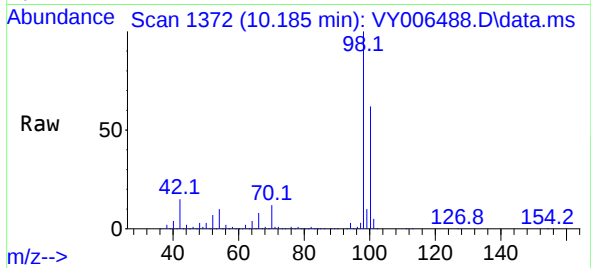




#50
Toluene-d8
Concen: 54.544 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006488.D
Acq: 26 Oct 2021 17:58

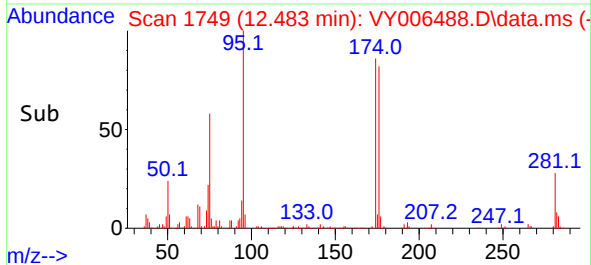
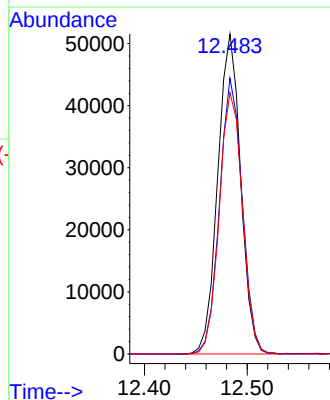
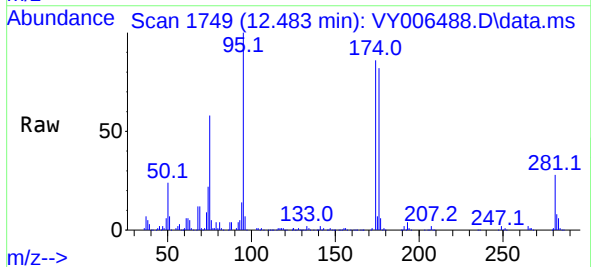
Instrument :
MSVOA_Y
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G2

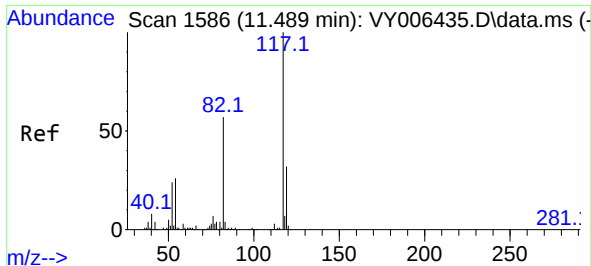
Tgt Ion: 98 Resp: 275696
Ion Ratio Lower Upper
98 100
100 62.7 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 46.657 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006488.D
Acq: 26 Oct 2021 17:58

Tgt Ion: 95 Resp: 79441
Ion Ratio Lower Upper
95 100
174 85.5 0.0 177.0
176 82.7 0.0 169.4

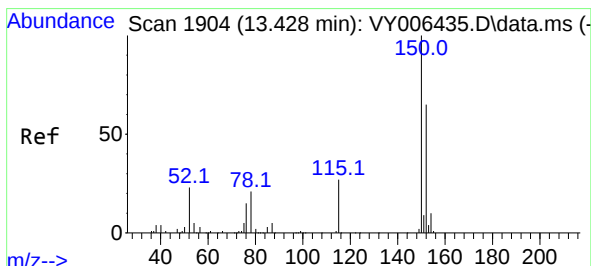
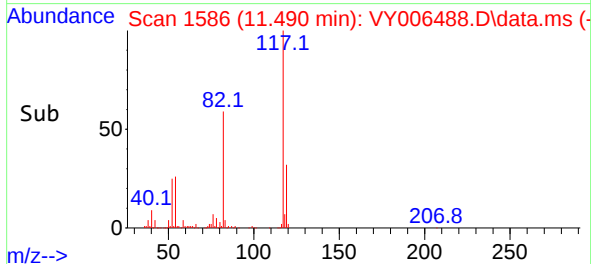
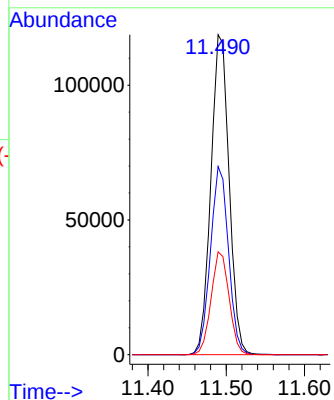
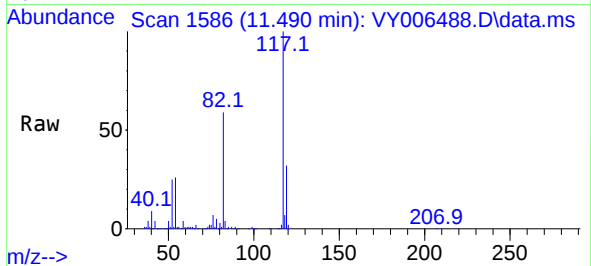




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006488.D
Acq: 26 Oct 2021 17:58

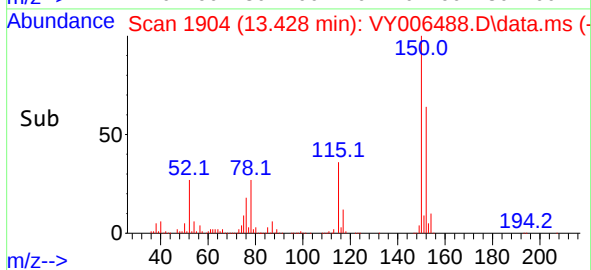
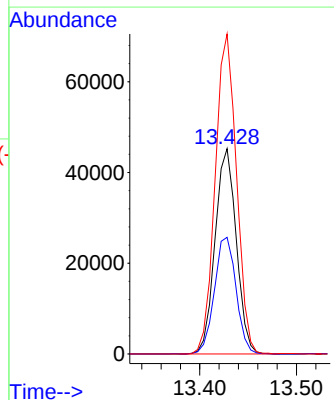
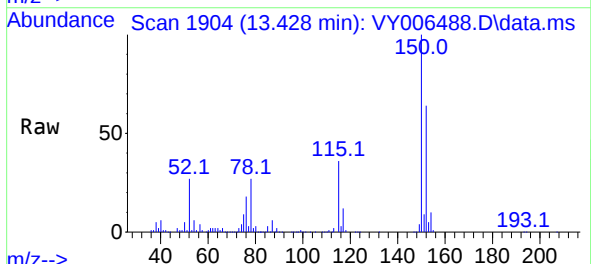
Instrument :
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ClientSampleId :
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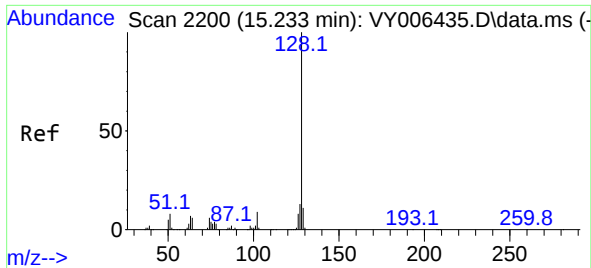
Tgt Ion:117 Resp: 191921
Ion Ratio Lower Upper
117 100
82 58.8 45.7 68.5
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006488.D
Acq: 26 Oct 2021 17:58

Tgt Ion:152 Resp: 68932
Ion Ratio Lower Upper
152 100
115 58.1 28.5 85.5
150 156.2 0.0 348.2





#95
Naphthalene
Concen: 8.785 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY006488.D
Acq: 26 Oct 2021 17:58

Instrument :
MSVOA_Y
ClientSampleId :
G2

Tgt Ion:	128	Resp:	22703
Ion	Ratio	Lower	Upper
128	100		
127	13.5	11.0	16.4
129	10.8	8.9	13.3

