

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102921\
 Data File : VY006538.D
 Acq On : 29 Oct 2021 14:31
 Operator : SY/MD
 Sample : M4409-01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-207-ETGI-340

Quant Time: Oct 30 03:00:00 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	34660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	53995	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	46400	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	17791	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	20690	48.510	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.020%
35) Dibromofluoromethane	7.722	113	15869	52.729	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.460%
50) Toluene-d8	10.185	98	68927	54.027	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.060%
62) 4-Bromofluorobenzene	12.483	95	19669	45.767	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.540%

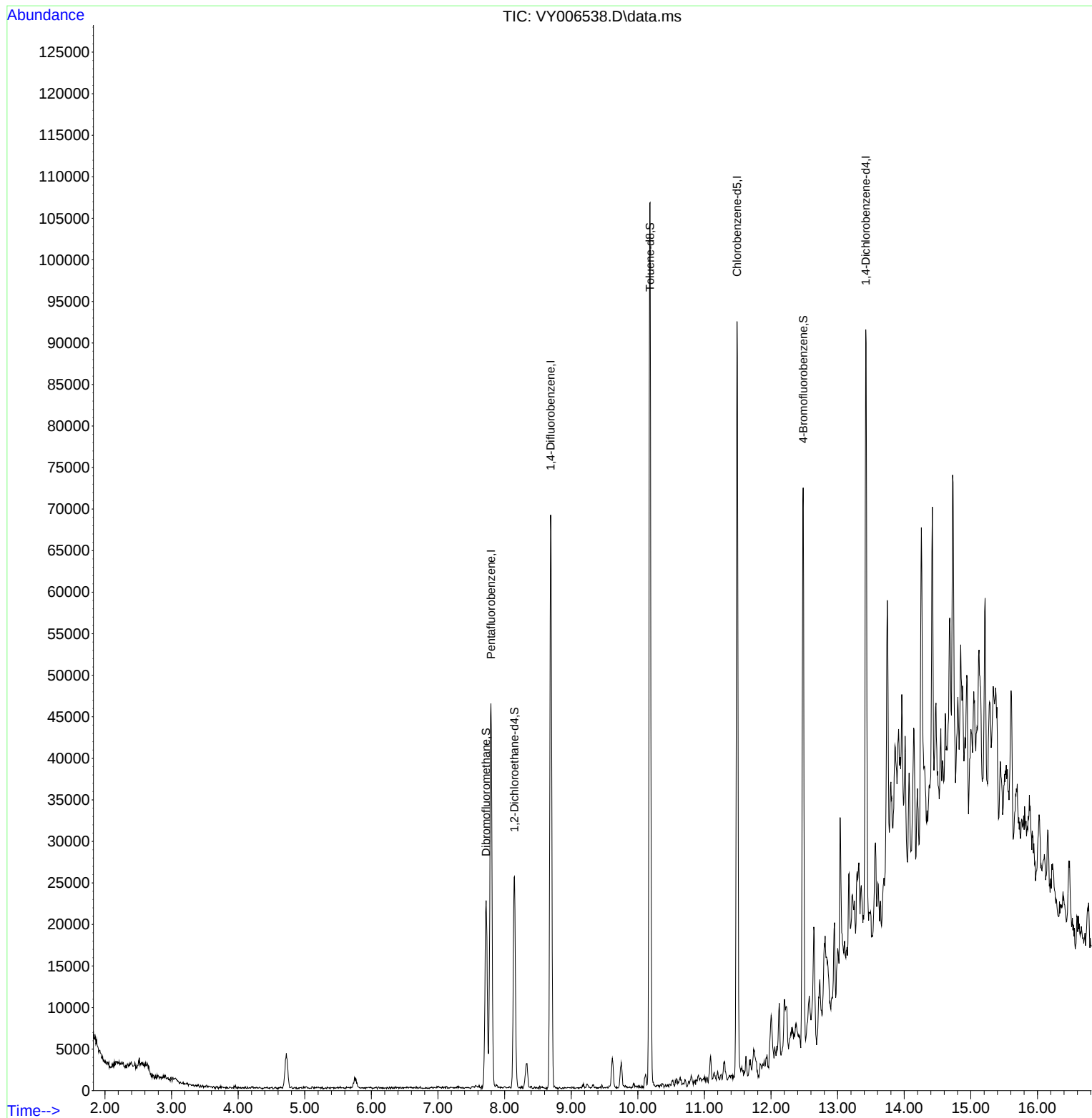
Target Compounds	Qvalue

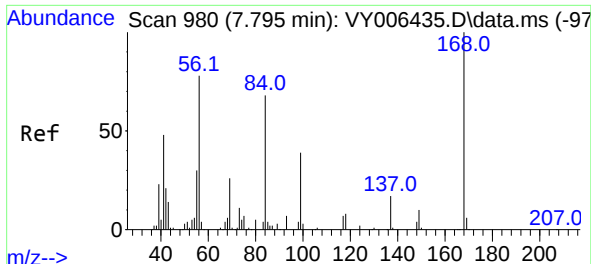
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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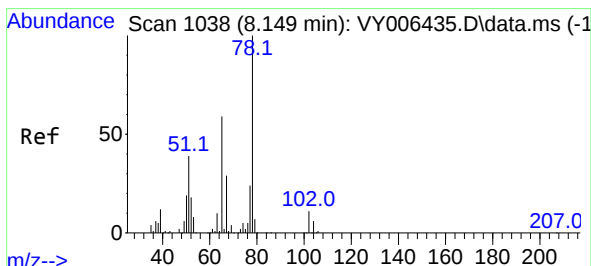
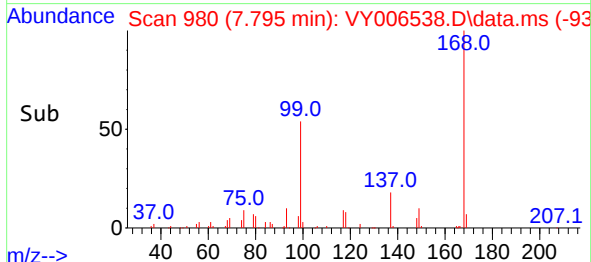
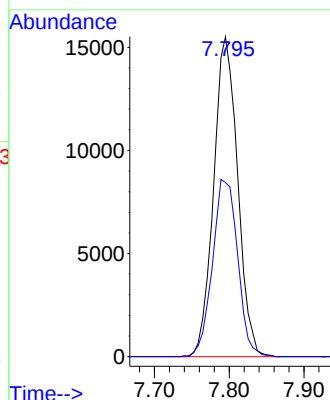
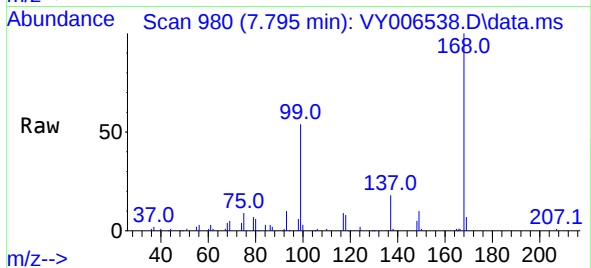




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006538.D
Acq: 29 Oct 2021 14:31

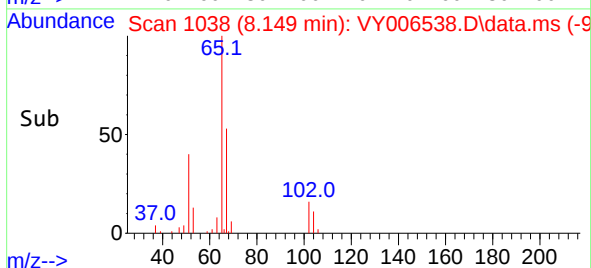
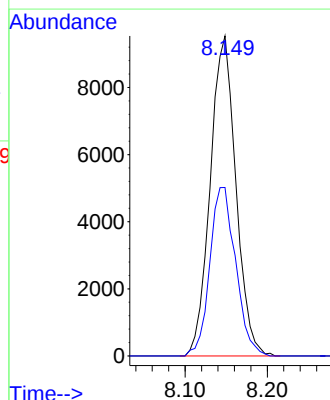
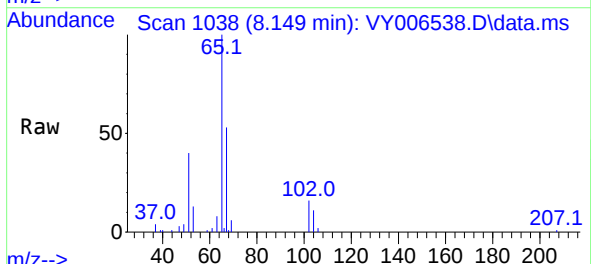
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-207-ETGI-340

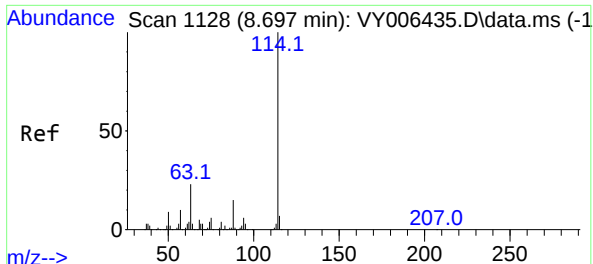
Tgt Ion:168 Resp: 34660
Ion Ratio Lower Upper
168 100
99 54.4 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 48.510 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006538.D
Acq: 29 Oct 2021 14:31

Tgt Ion: 65 Resp: 20690
Ion Ratio Lower Upper
65 100
67 53.1 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: VY006538.D

Acq: 29 Oct 2021 14:31

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-207-ETGI-340

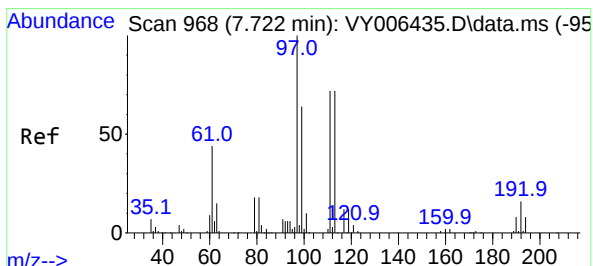
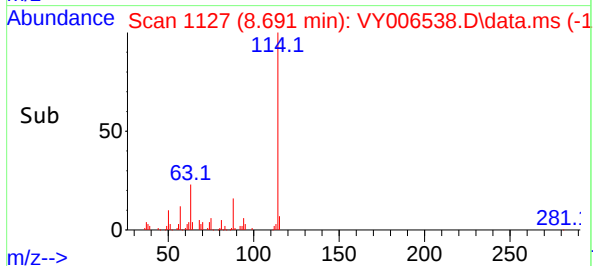
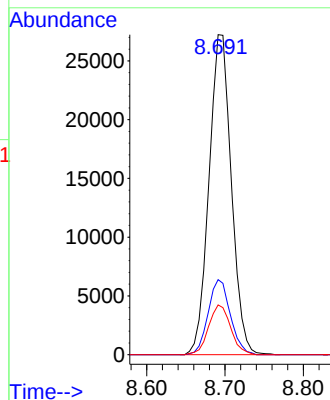
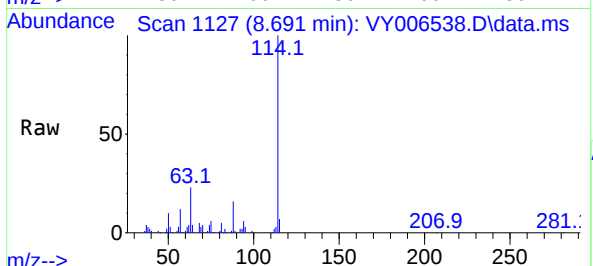
Tgt Ion:114 Resp: 53995

Ion Ratio Lower Upper

114 100

63 23.5 0.0 45.0

88 15.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.729 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY006538.D

Acq: 29 Oct 2021 14:31

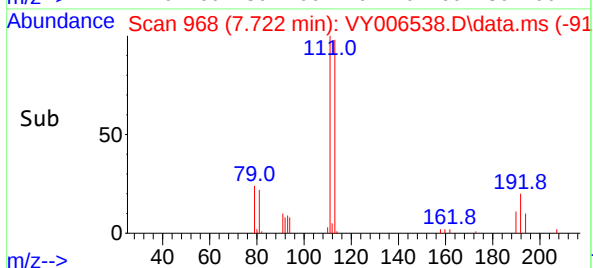
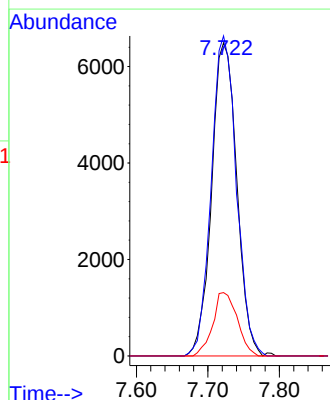
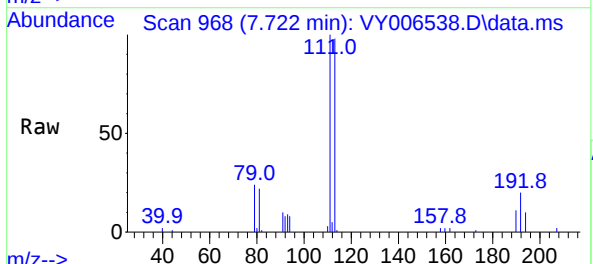
Tgt Ion:113 Resp: 15869

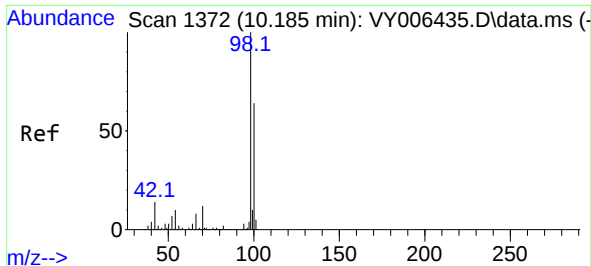
Ion Ratio Lower Upper

113 100

111 102.0 82.3 123.5

192 19.7 17.4 26.2

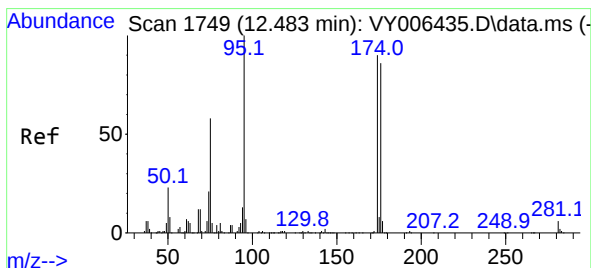
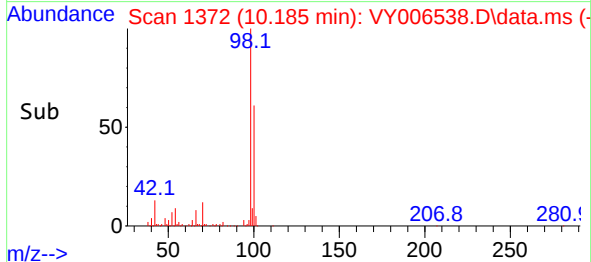
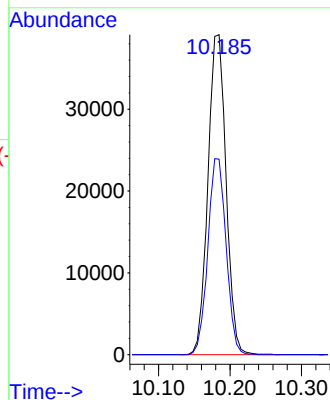
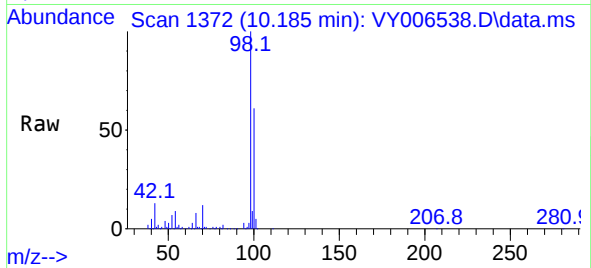




#50
Toluene-d8
Concen: 54.027 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006538.D
Acq: 29 Oct 2021 14:31

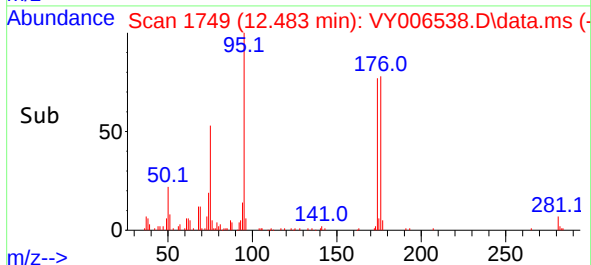
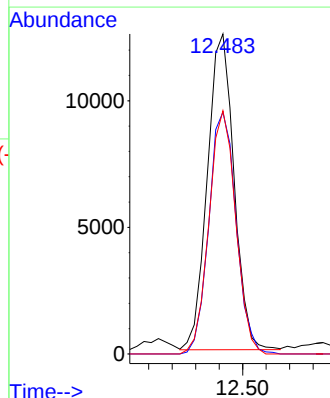
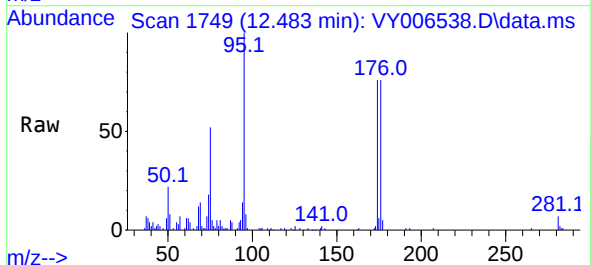
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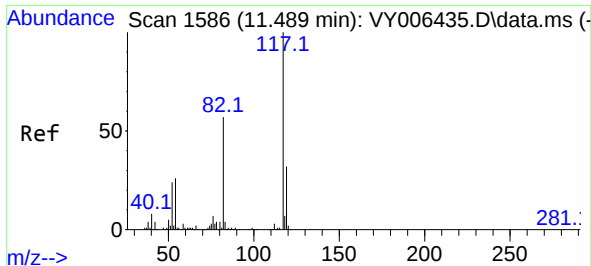
Tgt Ion: 98 Resp: 68927
Ion Ratio Lower Upper
98 100
100 61.7 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 45.767 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006538.D
Acq: 29 Oct 2021 14:31

Tgt Ion: 95 Resp: 19669
Ion Ratio Lower Upper
95 100
174 78.2 0.0 177.0
176 77.2 0.0 169.4

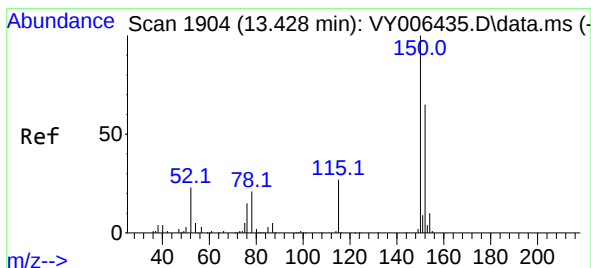
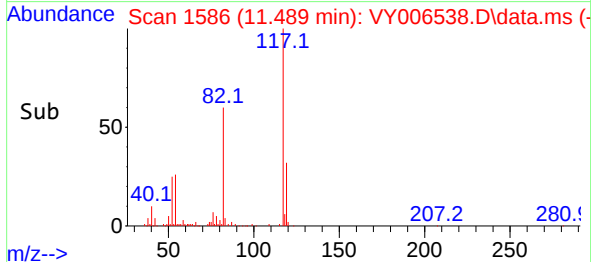
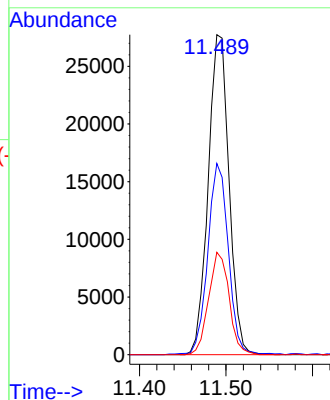
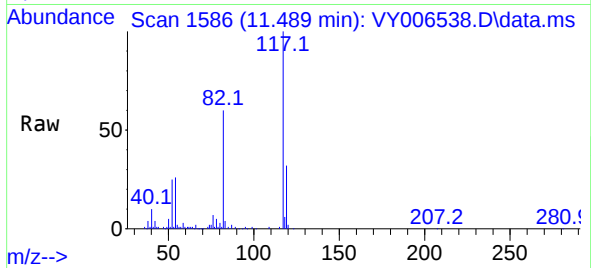




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006538.D
Acq: 29 Oct 2021 14:31

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-207-ETGI-340

Tgt Ion:	117	Resp:	46400
Ion	Ratio	Lower	Upper
117	100		
82	59.5	45.7	68.5
119	32.0	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY006538.D
Acq: 29 Oct 2021 14:31

Tgt Ion:	152	Resp:	17791
Ion	Ratio	Lower	Upper
152	100		
115	59.7	28.5	85.5
150	151.9	0.0	348.2

