

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060324\
 Data File : VY018444.D
 Acq On : 03 Jun 2024 16:39
 Operator : SY/MD
 Sample : P2666-02
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: Jun 04 05:42:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 05:38:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	7072	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	12841	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	8253	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	1327	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.124	65	3338	24.035	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	48.060%#
35) Dibromofluoromethane	7.697	113	3175	19.499	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	39.000%#
50) Toluene-d8	10.173	98	13700	21.149	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	42.300%#
62) 4-Bromofluorobenzene	12.483	95	2729	13.530	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	27.060%#

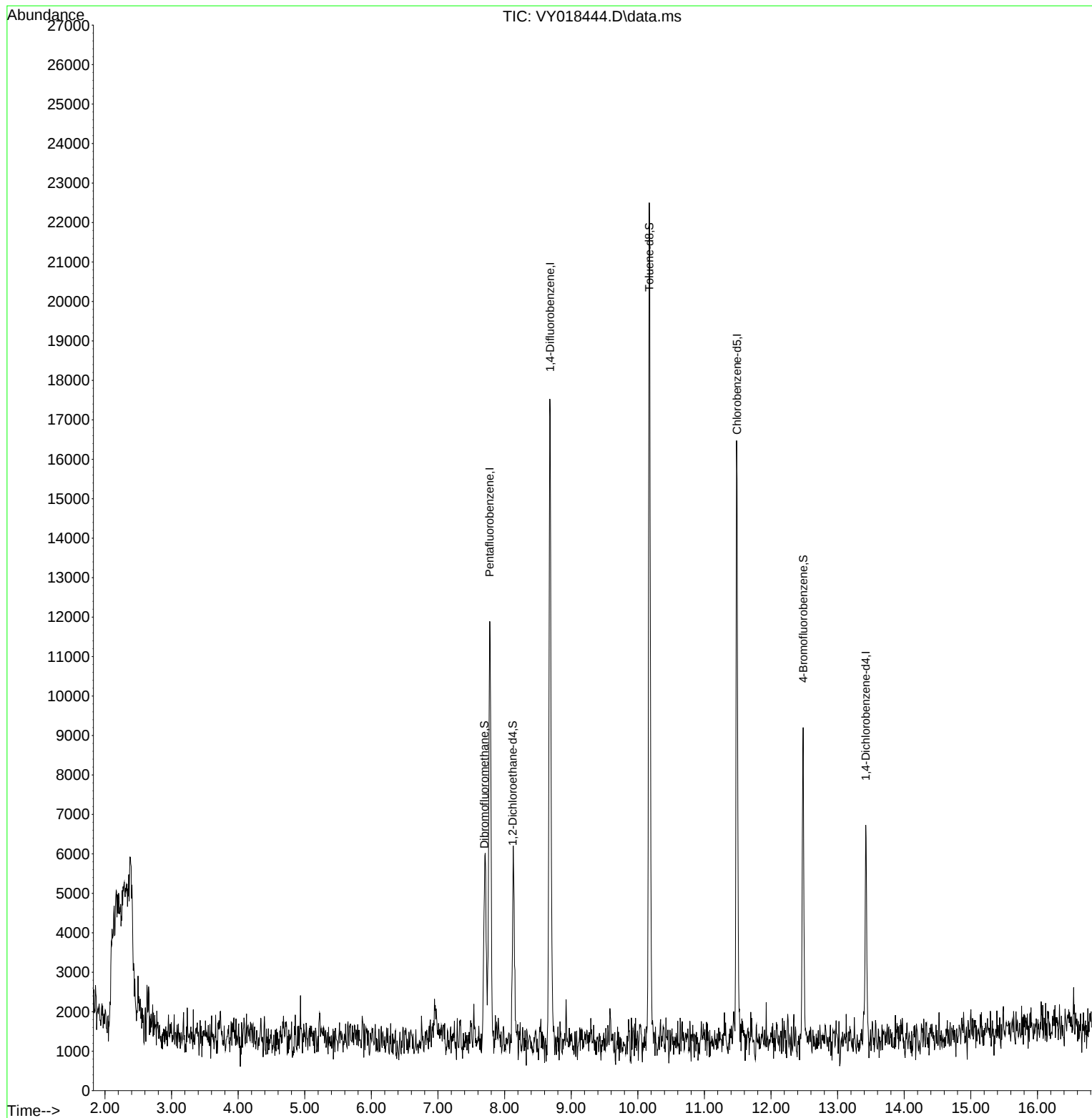
Target Compounds	Qvalue

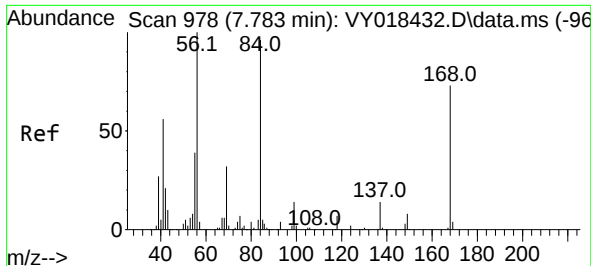
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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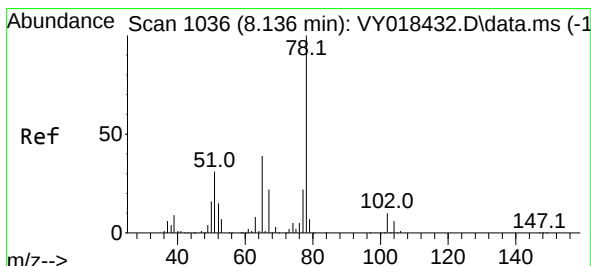
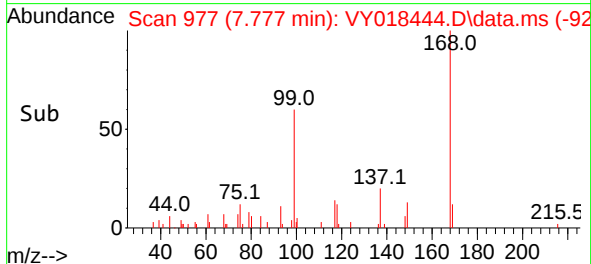
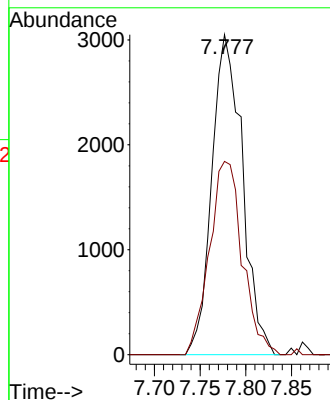
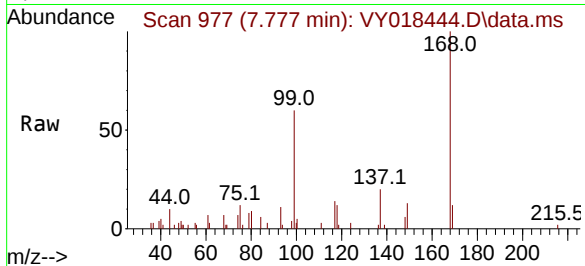




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018444.D
Acq: 03 Jun 2024 16:39

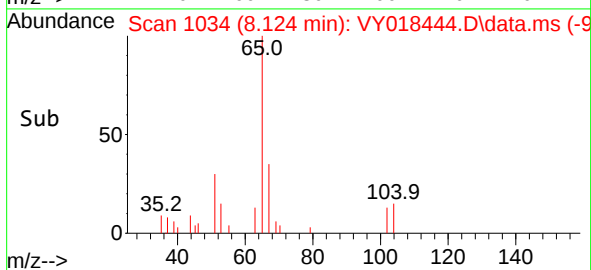
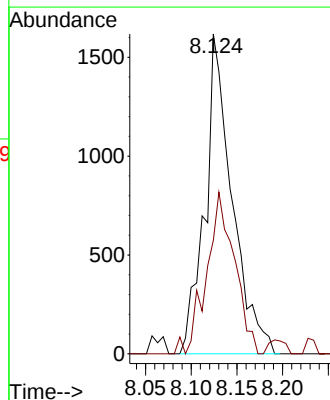
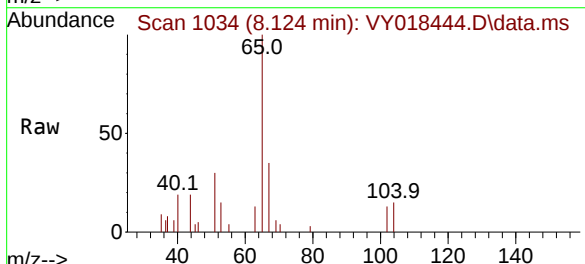
Instrument :
MSVOA_Y
ClientSampleId :
VOC

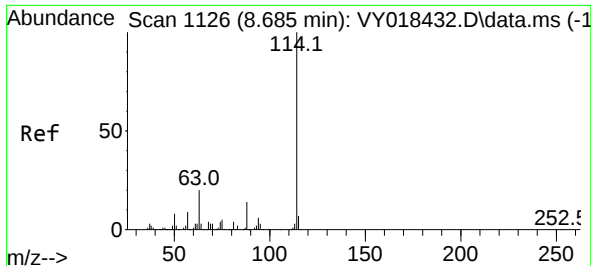
Tgt Ion:168 Resp: 7072
Ion Ratio Lower Upper
168 100
99 60.4 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 24.035 ug/l
RT: 8.124 min Scan# 1034
Delta R.T. -0.012 min
Lab File: VY018444.D
Acq: 03 Jun 2024 16:39

Tgt Ion: 65 Resp: 3338
Ion Ratio Lower Upper
65 100
67 52.1 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY018444.D

Acq: 03 Jun 2024 16:39

Instrument :

MSVOA_Y

ClientSampleId :

VOC

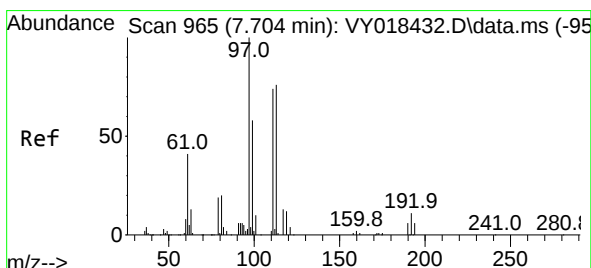
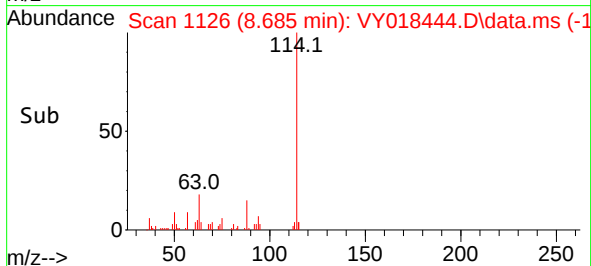
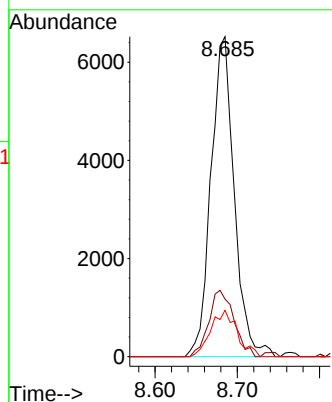
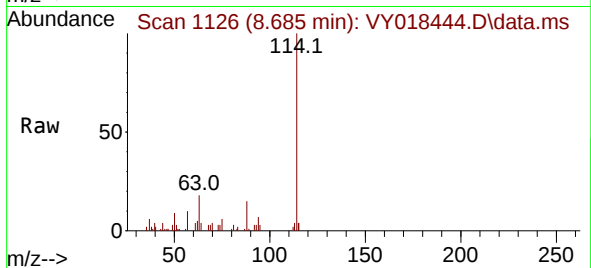
Tgt Ion:114 Resp: 12841

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

88 14.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 19.499 ug/l

RT: 7.697 min Scan# 964

Delta R.T. -0.006 min

Lab File: VY018444.D

Acq: 03 Jun 2024 16:39

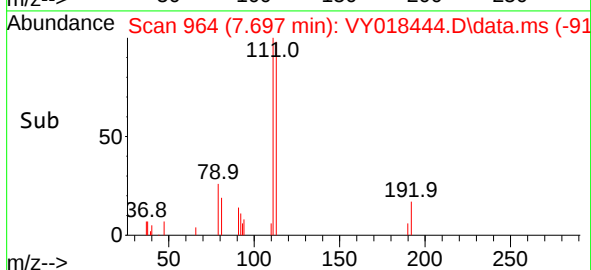
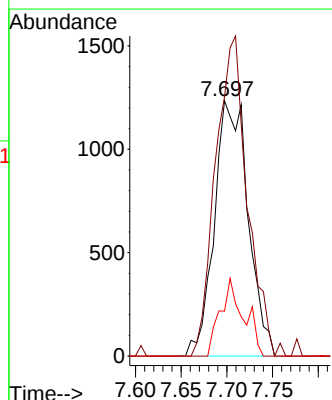
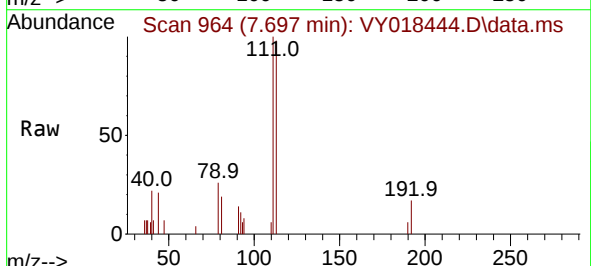
Tgt Ion:113 Resp: 3175

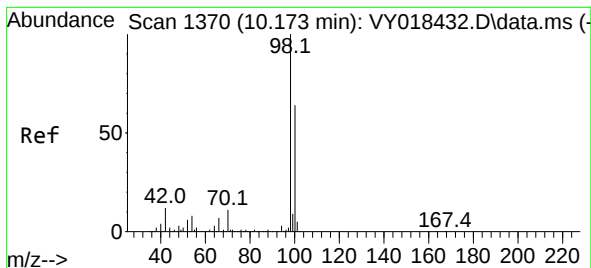
Ion Ratio Lower Upper

113 100

111 117.7 82.2 123.4

192 21.2 15.9 23.9





#50

Toluene-d8

Concen: 21.149 ug/l

RT: 10.173 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018444.D

Acq: 03 Jun 2024 16:39

Instrument :

MSVOA_Y

ClientSampleId :

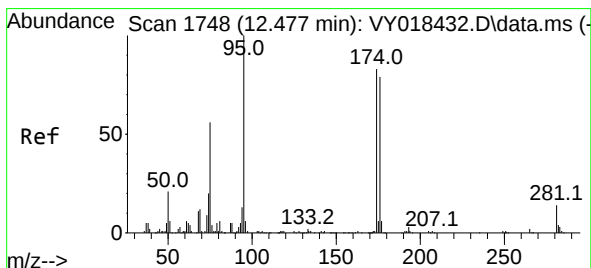
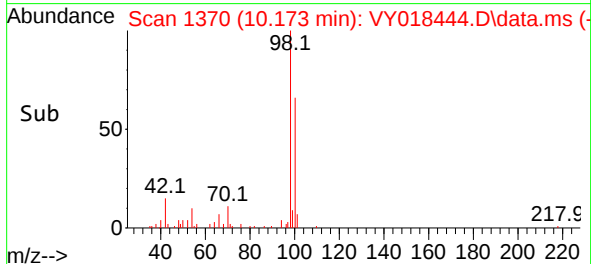
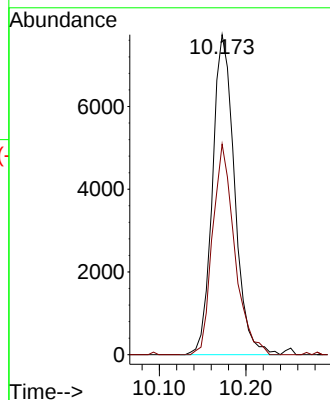
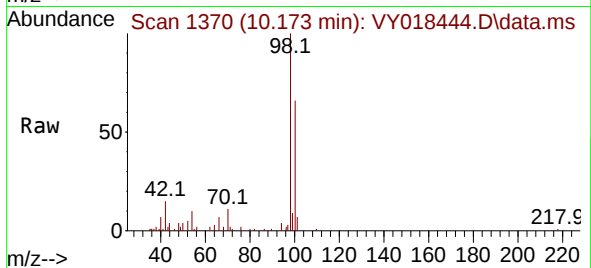
VOC

Tgt Ion: 98 Resp: 13700

Ion Ratio Lower Upper

98 100

100 66.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 13.530 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY018444.D

Acq: 03 Jun 2024 16:39

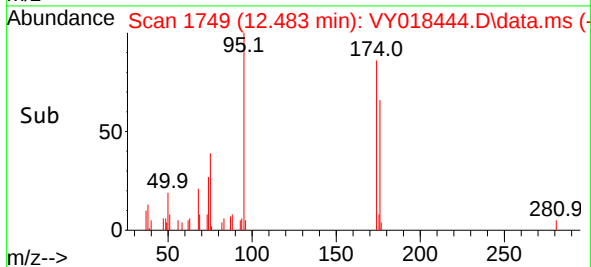
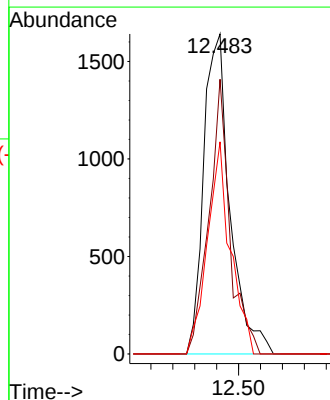
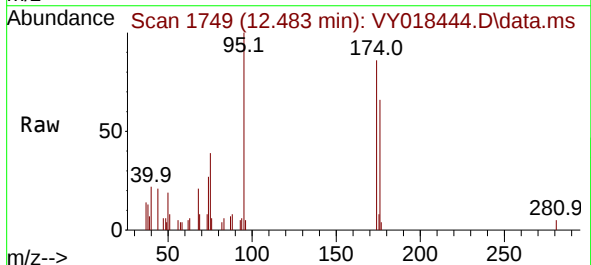
Tgt Ion: 95 Resp: 2729

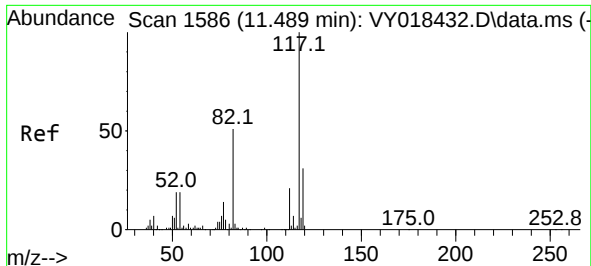
Ion Ratio Lower Upper

95 100

174 68.3 0.0 175.6

176 58.2 0.0 171.4

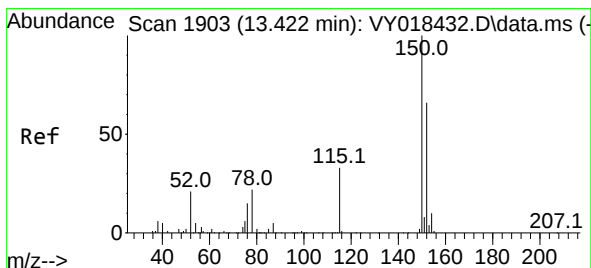
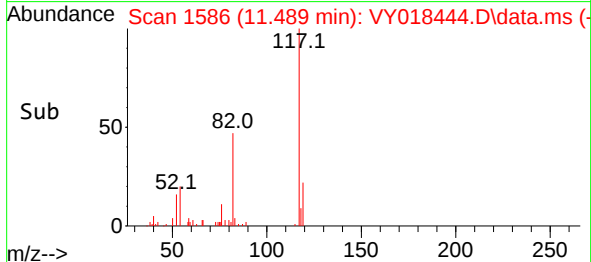
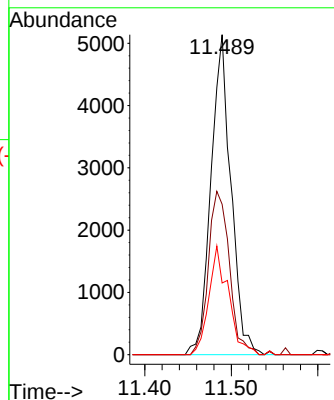
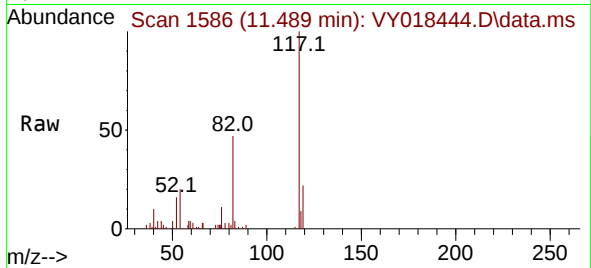




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018444.D
Acq: 03 Jun 2024 16:39

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion:117	Resp:	8253
Ion	Ratio	Lower Upper
117	100	
82	47.0	42.4 63.6
119	22.4	25.9 38.9#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY018444.D
Acq: 03 Jun 2024 16:39

Tgt Ion:152	Resp:	1327
Ion	Ratio	Lower Upper
152	100	
115	72.6	28.2 84.7
150	170.0	0.0 345.6

