

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060424\
 Data File : VY018463.D
 Acq On : 04 Jun 2024 14:52
 Operator : SY/MD
 Sample : P2665-02RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOCRE

Quant Time: Jun 05 01:25:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	26980	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	51651	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	43782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	13764	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	25674	48.456	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.920%
35) Dibromofluoromethane	7.710	113	25125	38.361	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	76.720%
50) Toluene-d8	10.173	98	92491	35.496	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	71.000%
62) 4-Bromofluorobenzene	12.477	95	22525	27.765	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	55.520%

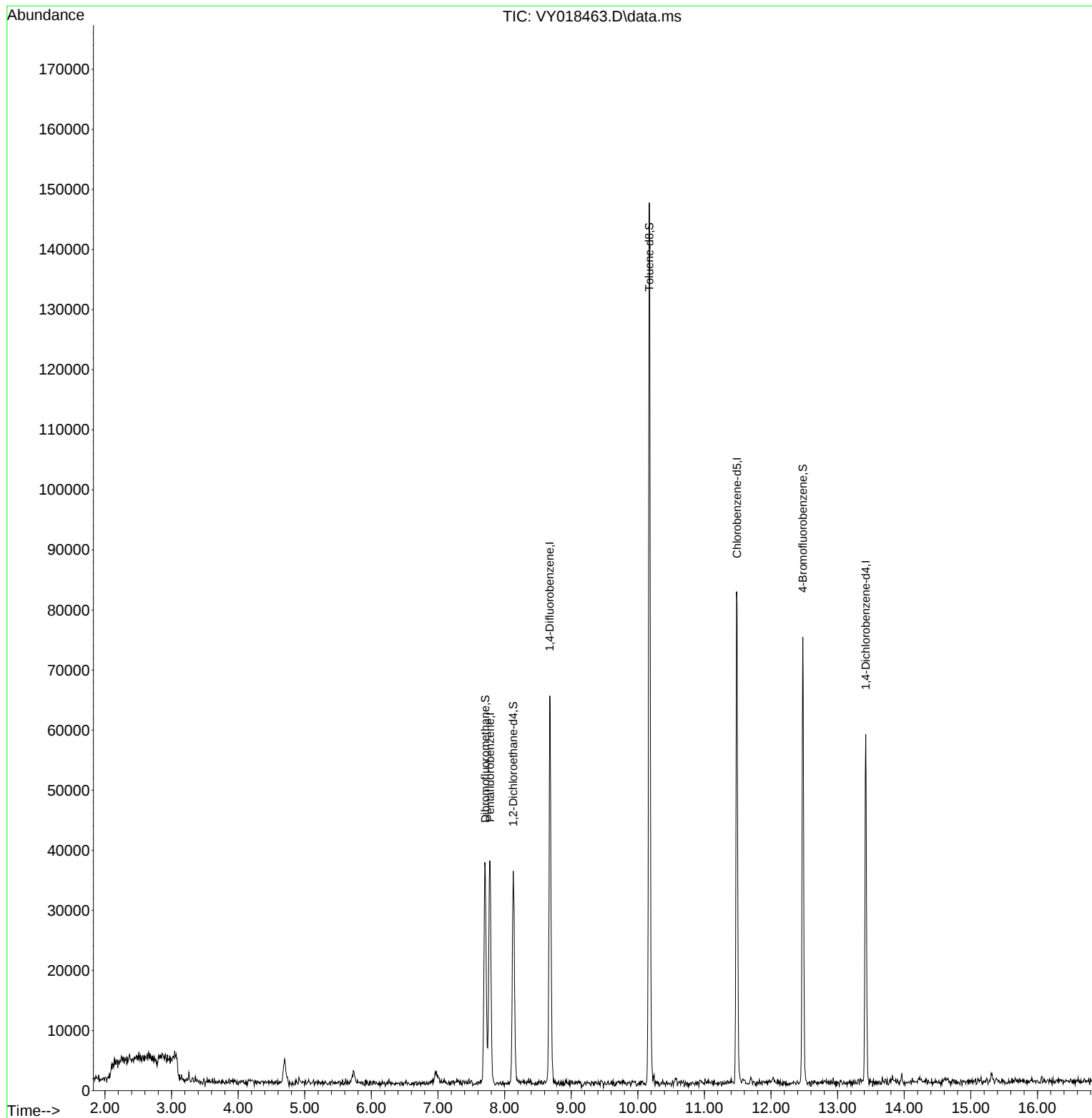
Target Compounds	Qvalue

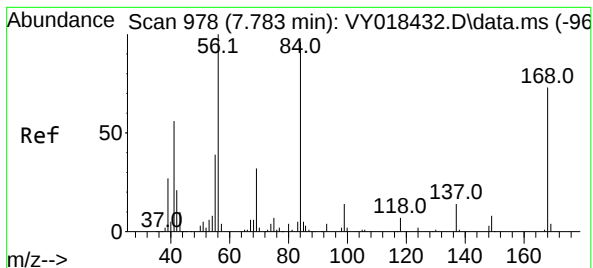
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY018463.D

Acq: 04 Jun 2024 14:52

Instrument :

MSVOA_Y

ClientSampleId :

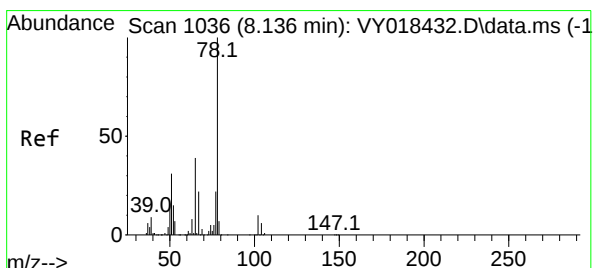
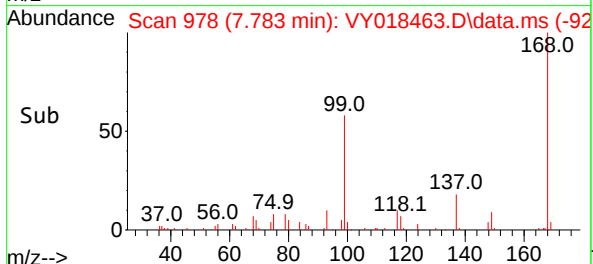
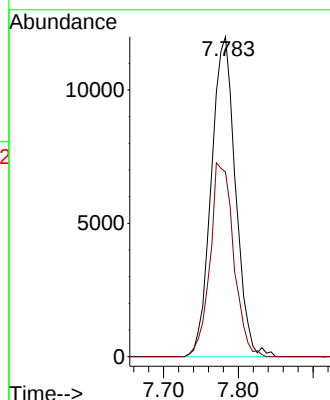
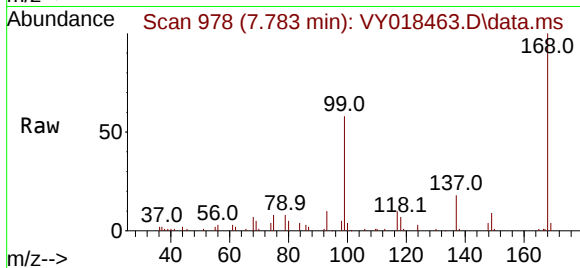
VOCRE

Tgt Ion:168 Resp: 26980

Ion Ratio Lower Upper

168 100

99 57.7 39.1 58.7



#33

1,2-Dichloroethane-d4

Concen: 48.456 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. -0.006 min

Lab File: VY018463.D

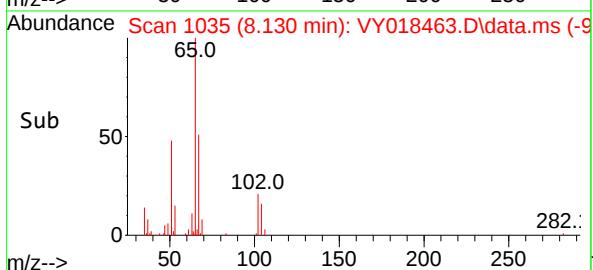
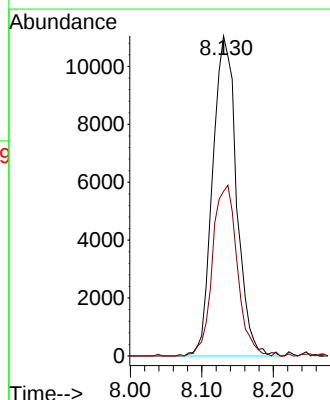
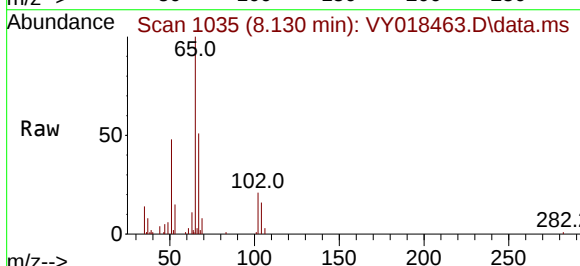
Acq: 04 Jun 2024 14:52

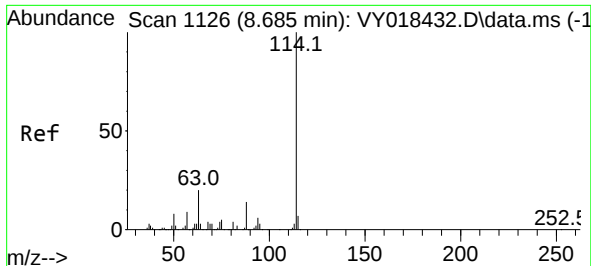
Tgt Ion: 65 Resp: 25674

Ion Ratio Lower Upper

65 100

67 55.2 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VY018463.D

Acq: 04 Jun 2024 14:52

Instrument :

MSVOA_Y

ClientSampleId :

VOCRE

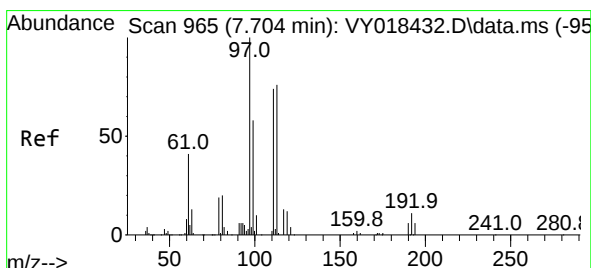
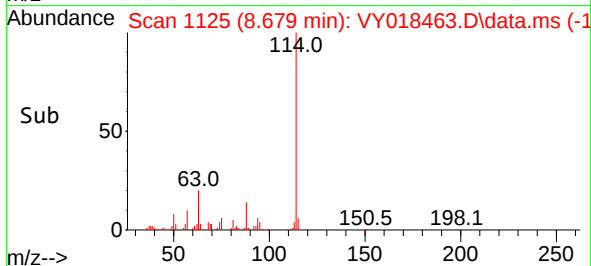
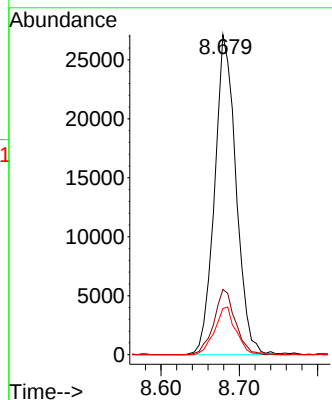
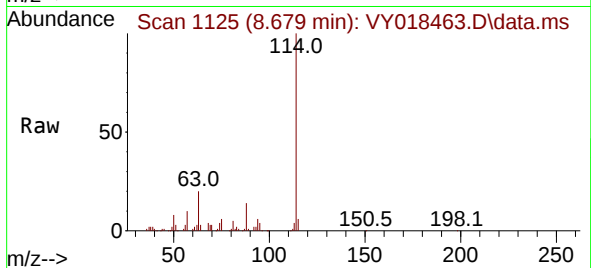
Tgt Ion:114 Resp: 51651

Ion Ratio Lower Upper

114 100

63 20.4 0.0 35.0

88 14.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 38.361 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.006 min

Lab File: VY018463.D

Acq: 04 Jun 2024 14:52

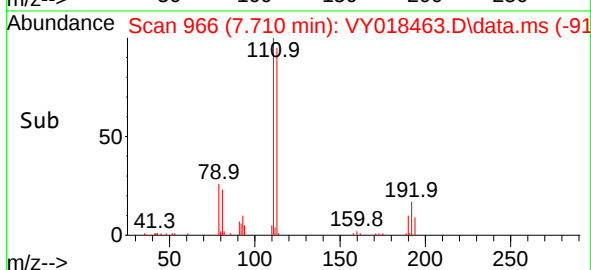
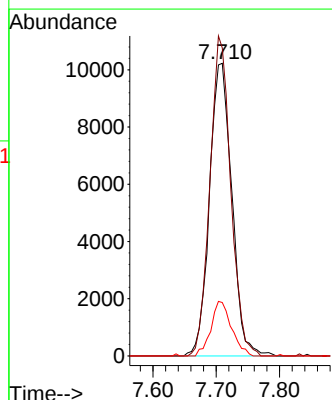
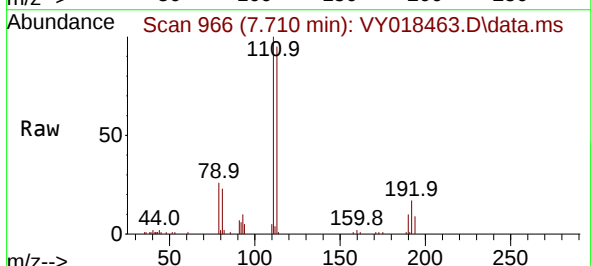
Tgt Ion:113 Resp: 25125

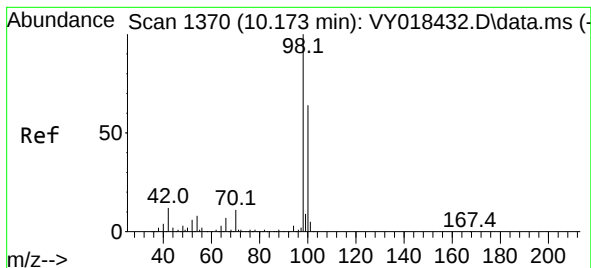
Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.4

192 17.1 15.9 23.9





#50

Toluene-d8

Concen: 35.496 ug/l

RT: 10.173 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018463.D

Acq: 04 Jun 2024 14:52

Instrument :

MSVOA_Y

ClientSampleId :

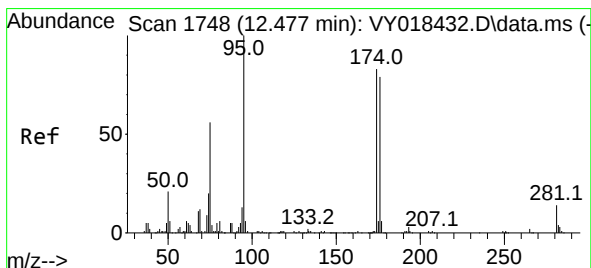
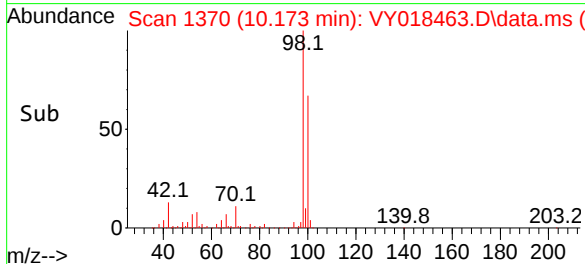
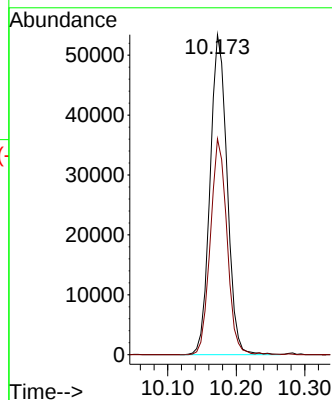
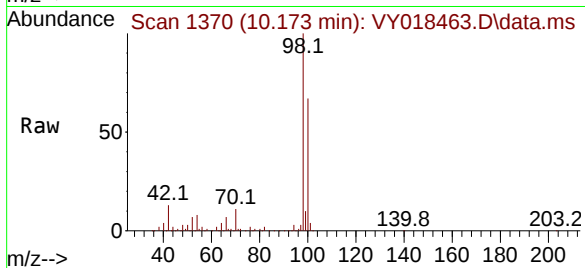
VOCRE

Tgt Ion: 98 Resp: 92491

Ion Ratio Lower Upper

98 100

100 65.5 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 27.765 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY018463.D

Acq: 04 Jun 2024 14:52

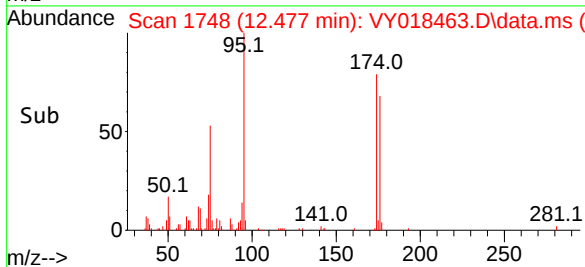
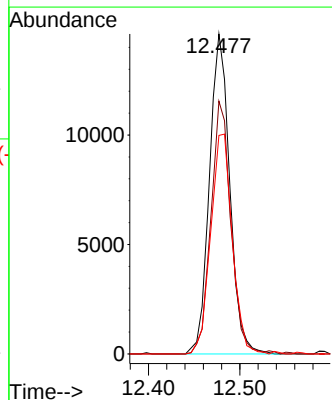
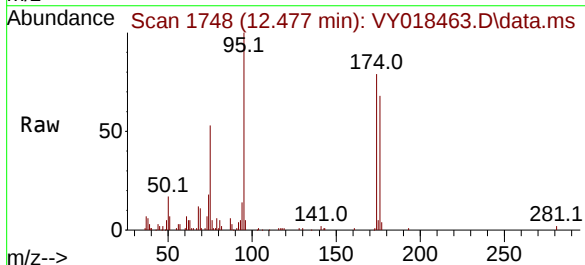
Tgt Ion: 95 Resp: 22525

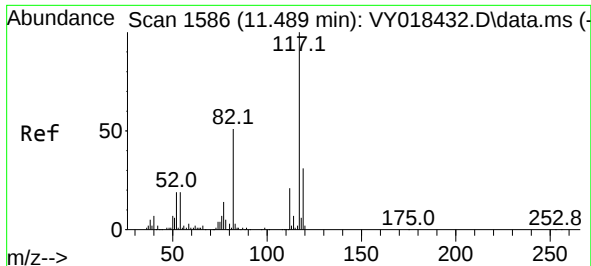
Ion Ratio Lower Upper

95 100

174 78.0 0.0 175.6

176 73.1 0.0 171.4

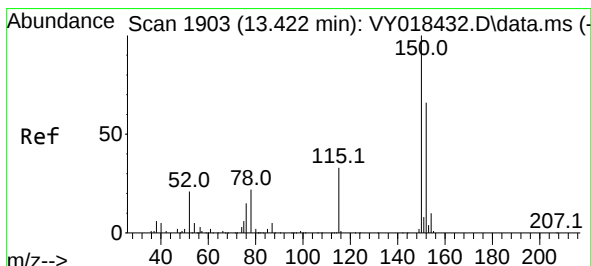
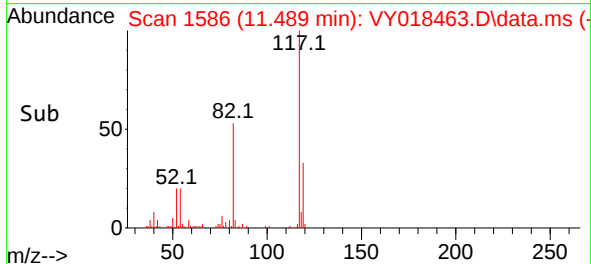
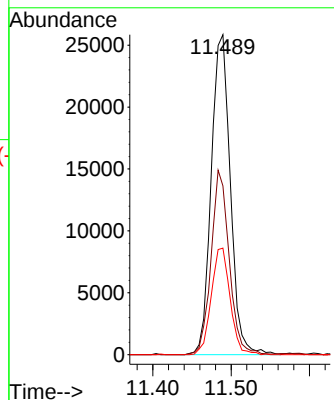
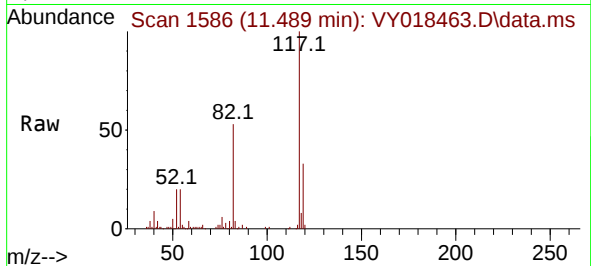




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018463.D
Acq: 04 Jun 2024 14:52

Instrument :
MSVOA_Y
ClientSampleId :
VOCRE

Tgt Ion:	117	Resp:	43782
Ion	Ratio	Lower	Upper
117	100		
82	52.7	42.4	63.6
119	33.3	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: VY018463.D
Acq: 04 Jun 2024 14:52

Tgt Ion:	152	Resp:	13764
Ion	Ratio	Lower	Upper
152	100		
115	59.8	28.2	84.7
150	155.6	0.0	345.6

