

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032724\
 Data File : VY017785.D
 Acq On : 27 Mar 2024 16:46
 Operator : SY/MD
 Sample : P1894-06
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT3414

Quant Time: Mar 28 02:19:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 04:03:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	98775	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	8.697	114	194358	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.496	117	172056	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	63905	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	61705	71.708	ug/l	-0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	143.420%
35) Dibromofluoromethane	7.722	113	63672	54.805	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.620%
50) Toluene-d8	10.185	98	229475	51.609	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.220%
62) 4-Bromofluorobenzene	12.483	95	64261	48.129	ug/l	-0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.260%

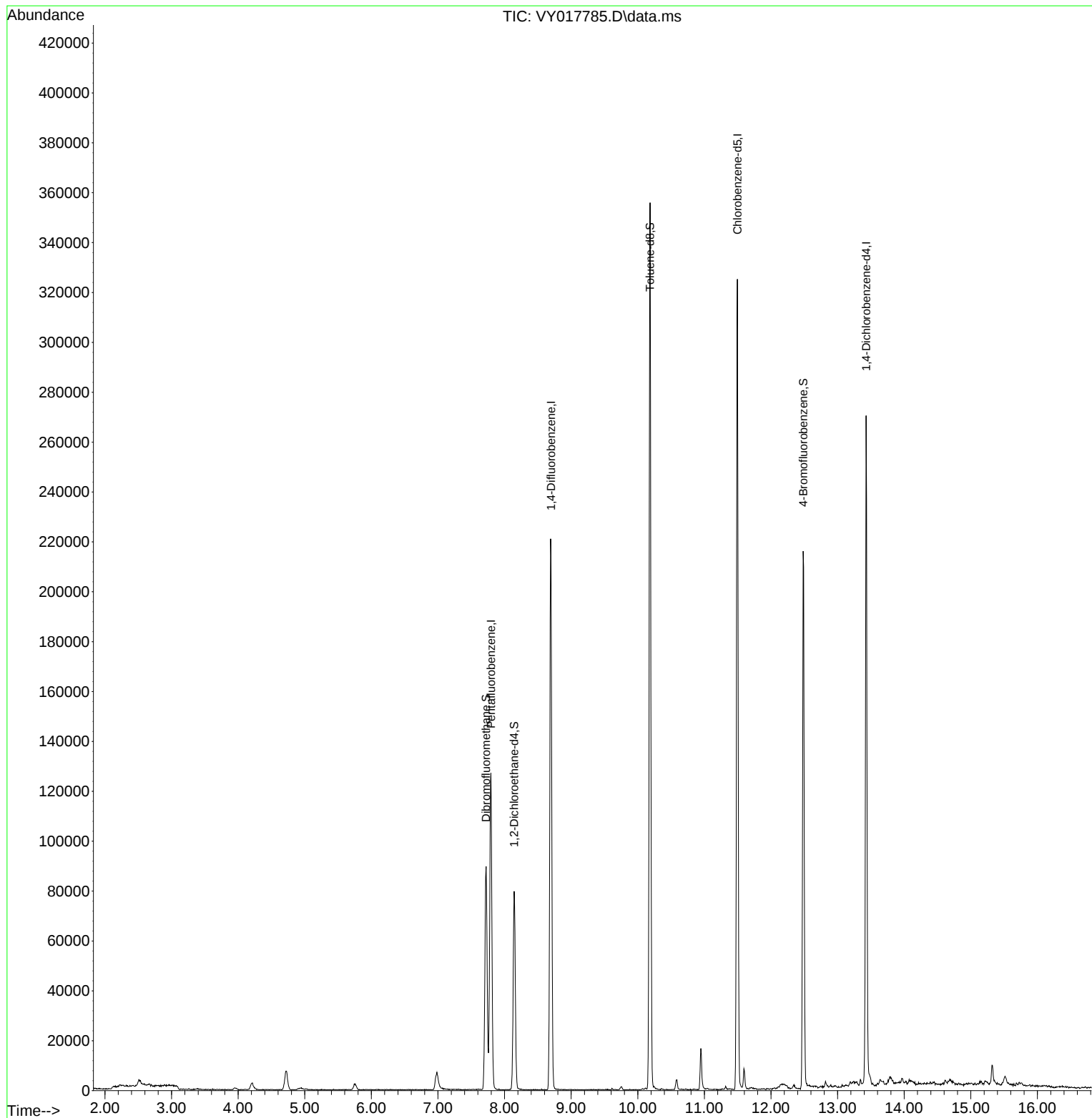
Target Compounds	Qvalue

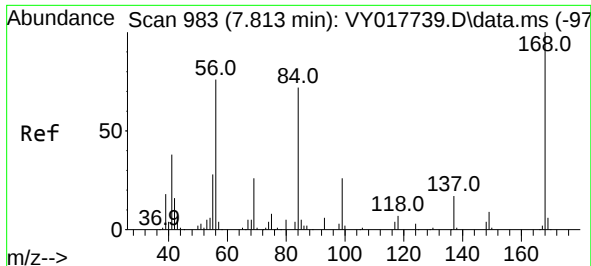
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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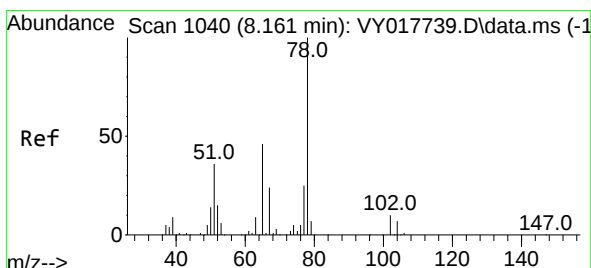
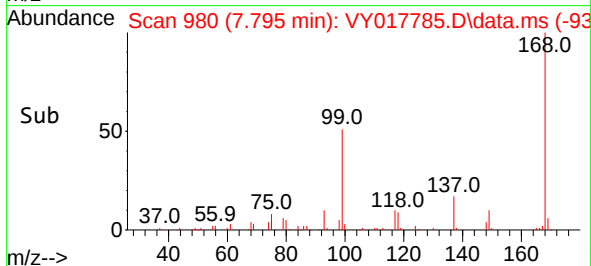
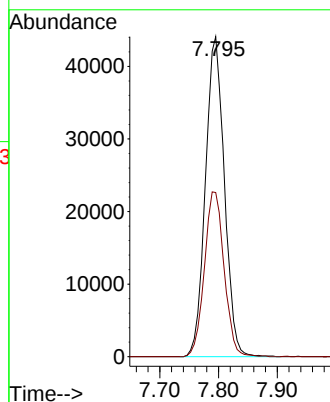
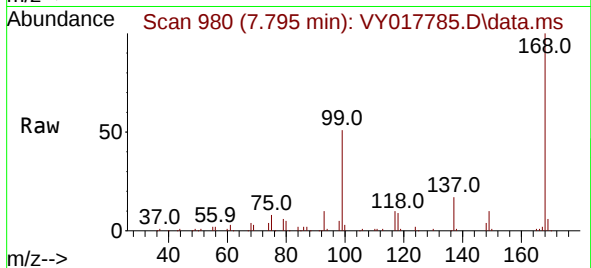




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY017785.D
Acq: 27 Mar 2024 16:46

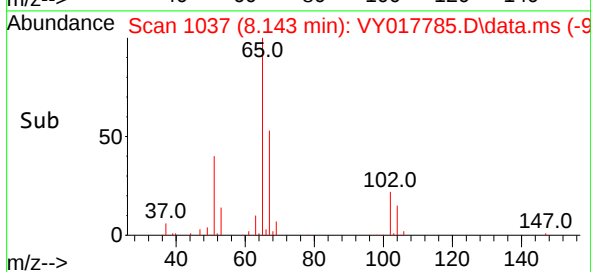
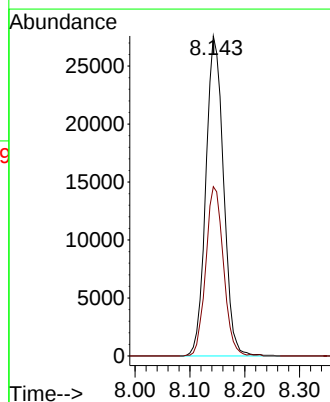
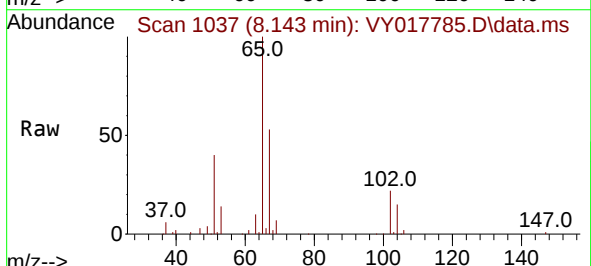
Instrument :
MSVOA_Y
ClientSampleId :
RT3414

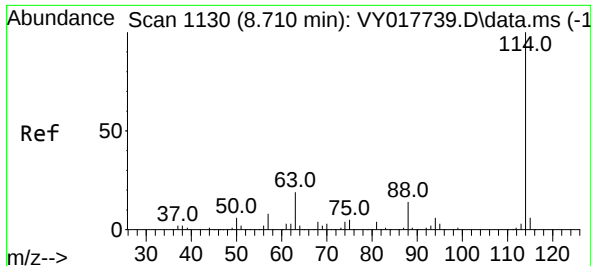
Tgt Ion:168 Resp: 98775
Ion Ratio Lower Upper
168 100
99 51.3 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 71.708 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.018 min
Lab File: VY017785.D
Acq: 27 Mar 2024 16:46

Tgt Ion: 65 Resp: 61705
Ion Ratio Lower Upper
65 100
67 53.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1130

Delta R.T. -0.012 min

Lab File: VY017785.D

Acq: 27 Mar 2024 16:46

Instrument :

MSVOA_Y

ClientSampleId :

RT3414

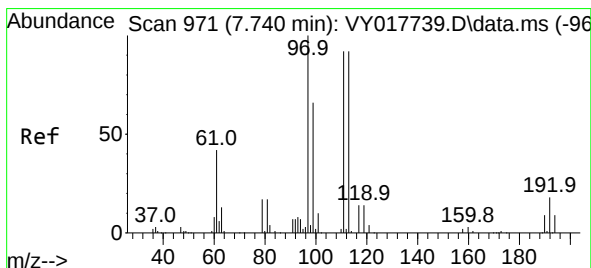
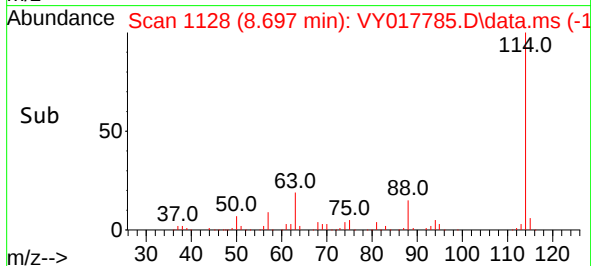
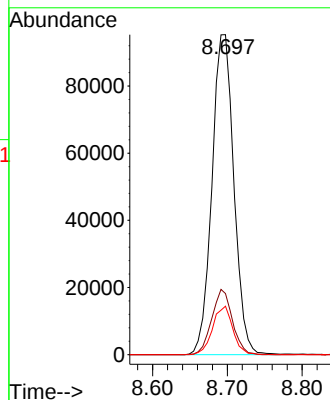
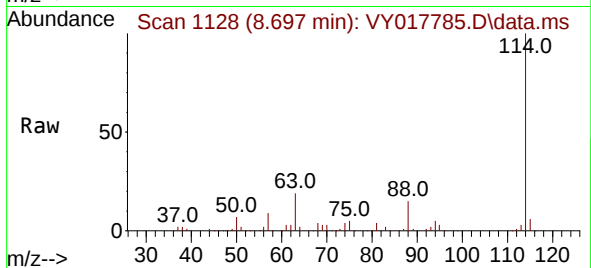
Tgt Ion:114 Resp: 194358

Ion Ratio Lower Upper

114 100

63 19.1 0.0 35.0

88 15.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.805 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.018 min

Lab File: VY017785.D

Acq: 27 Mar 2024 16:46

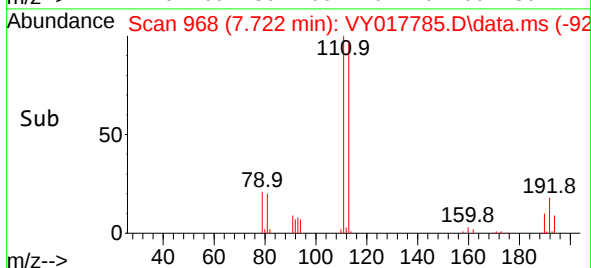
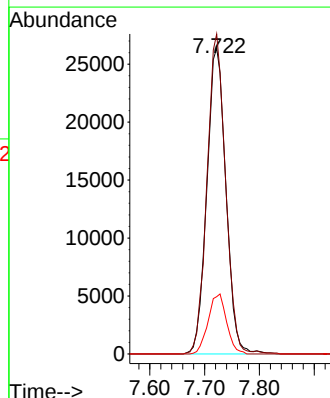
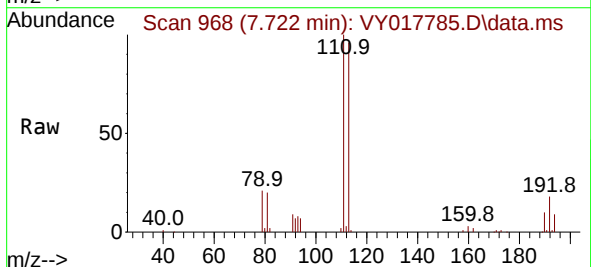
Tgt Ion:113 Resp: 63672

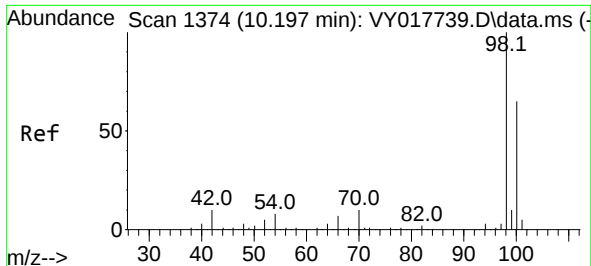
Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.4

192 19.0 15.9 23.9

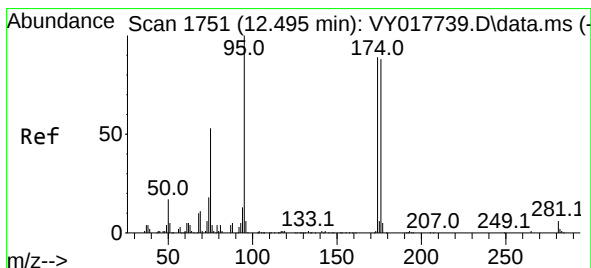
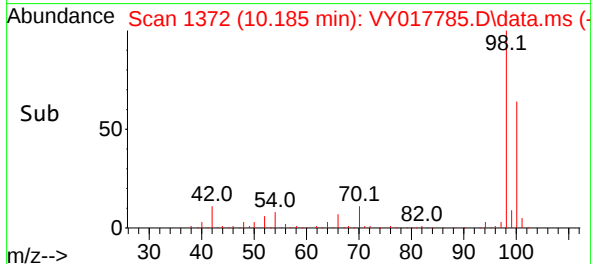
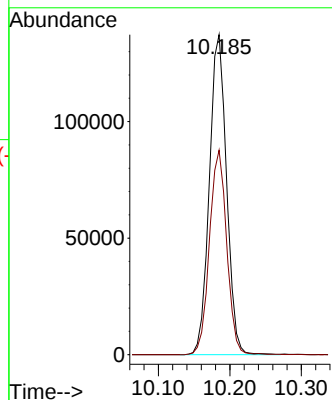
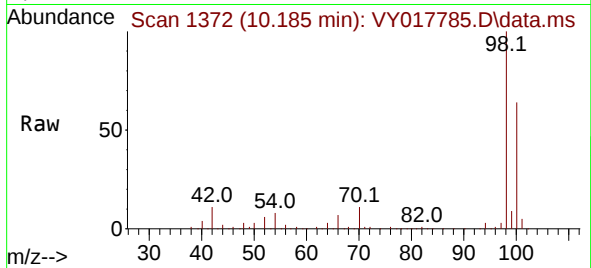




#50
Toluene-d8
Concen: 51.609 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY017785.D
Acq: 27 Mar 2024 16:46

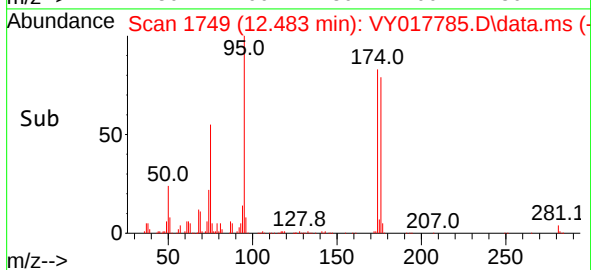
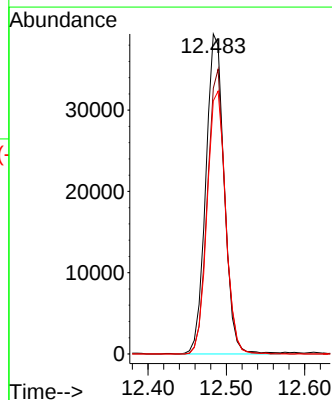
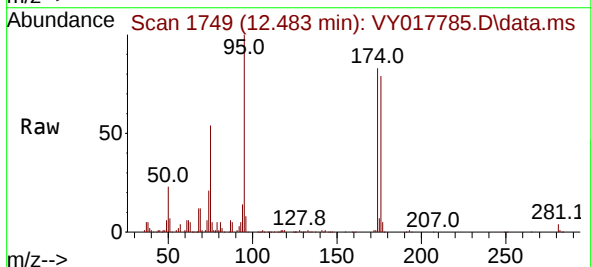
Instrument :
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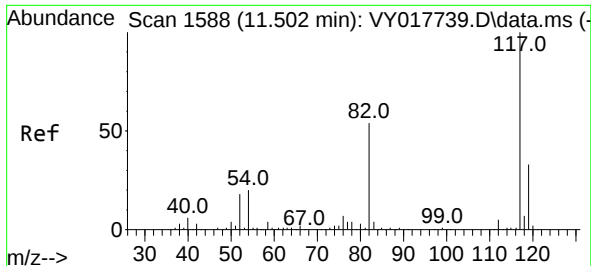
Tgt Ion: 98 Resp: 229475
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.129 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.012 min
Lab File: VY017785.D
Acq: 27 Mar 2024 16:46

Tgt Ion: 95 Resp: 64261
Ion Ratio Lower Upper
95 100
174 85.3 0.0 175.6
176 82.5 0.0 171.4

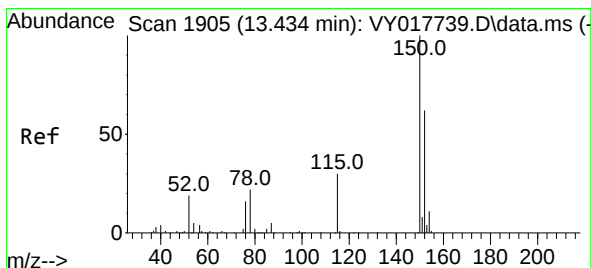
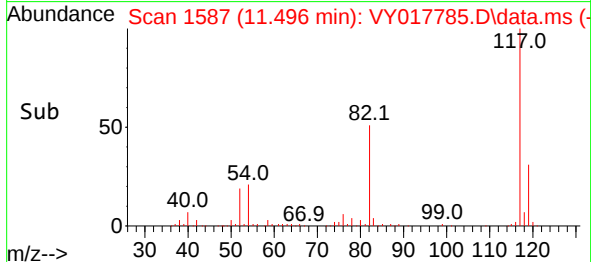
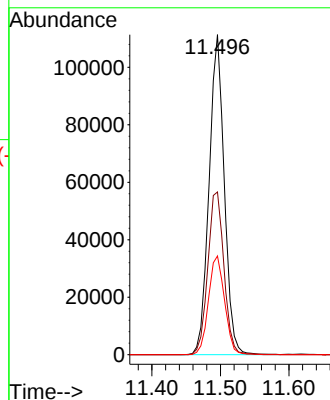
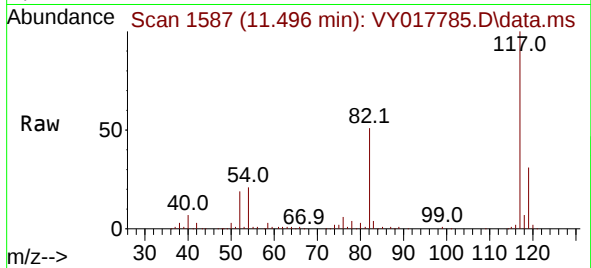




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017785.D
Acq: 27 Mar 2024 16:46

Instrument :
MSVOA_Y
ClientSampleId :
RT3414

Tgt Ion:117 Resp: 172056
Ion Ratio Lower Upper
117 100
82 50.8 42.4 63.6
119 30.9 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY017785.D
Acq: 27 Mar 2024 16:46

Tgt Ion:152 Resp: 63905
Ion Ratio Lower Upper
152 100
115 57.9 28.2 84.7
150 156.6 0.0 345.6

