

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040124\
 Data File : VY017805.D
 Acq On : 01 Apr 2024 13:23
 Operator : SY/MD
 Sample : P1917-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CCM-2

Quant Time: Apr 02 03:19:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	166745	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	310866	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	270246	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	93856	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	91202	63.207	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.420%
35) Dibromofluoromethane	7.728	113	61938	34.480	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	68.960%
50) Toluene-d8	10.191	98	366423	54.608	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.220%
62) 4-Bromofluorobenzene	12.489	95	91188	44.667	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.340%

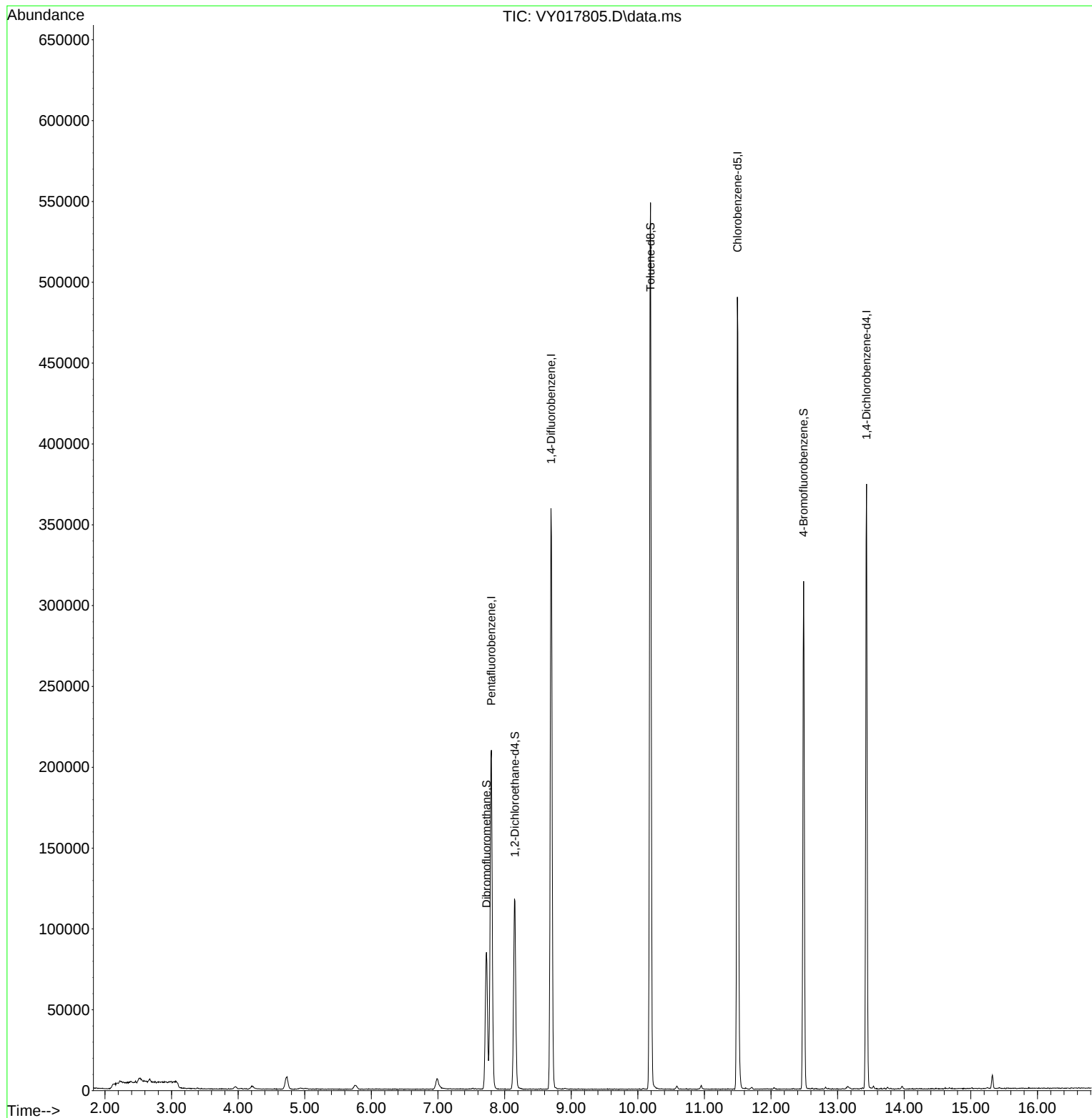
Target Compounds	Qvalue

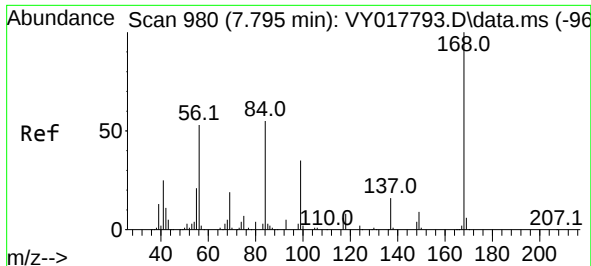
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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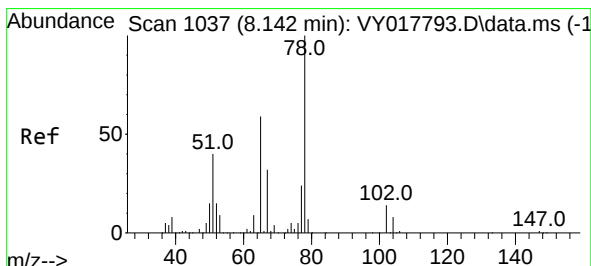
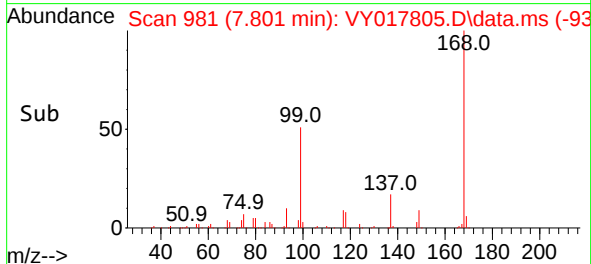
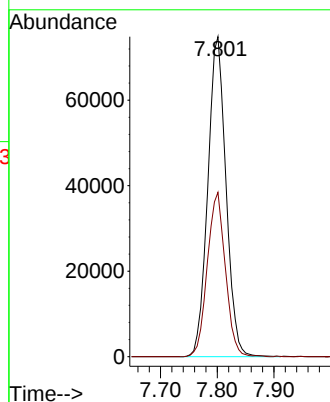
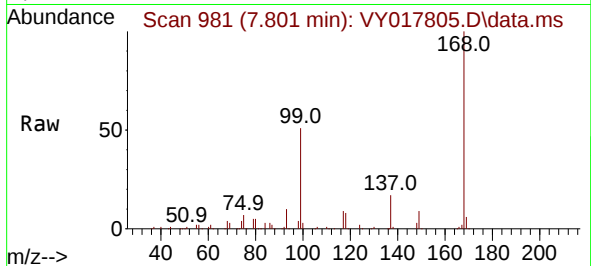




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017805.D
Acq: 01 Apr 2024 13:23

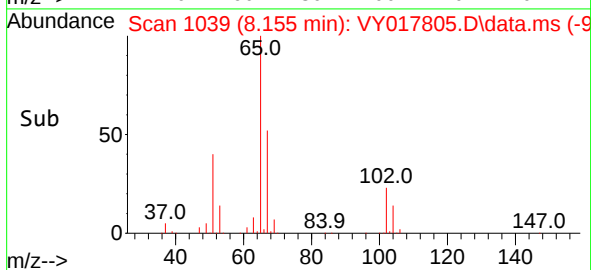
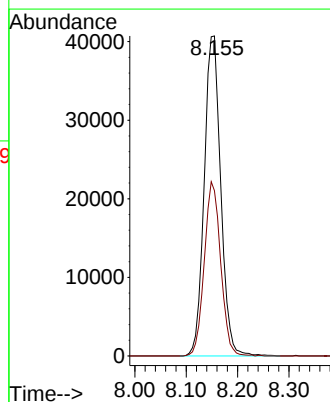
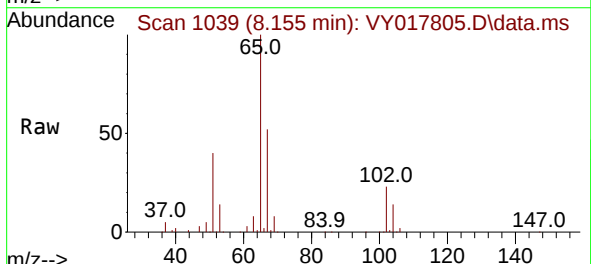
Instrument :
MSVOA_Y
ClientSampleId :
CCM-2

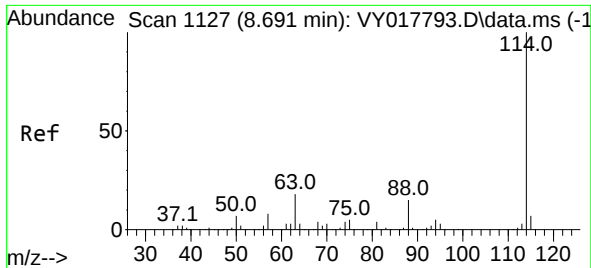
Tgt Ion:168 Resp: 166745
Ion Ratio Lower Upper
168 100
99 51.3 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 63.207 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.012 min
Lab File: VY017805.D
Acq: 01 Apr 2024 13:23

Tgt Ion: 65 Resp: 91202
Ion Ratio Lower Upper
65 100
67 53.7 0.0 109.6

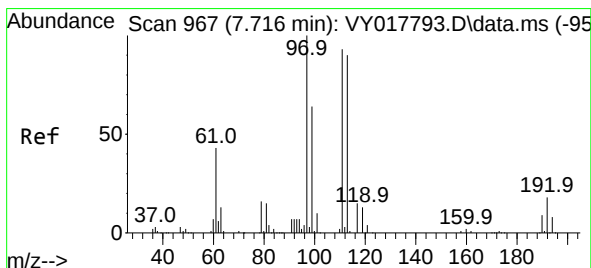
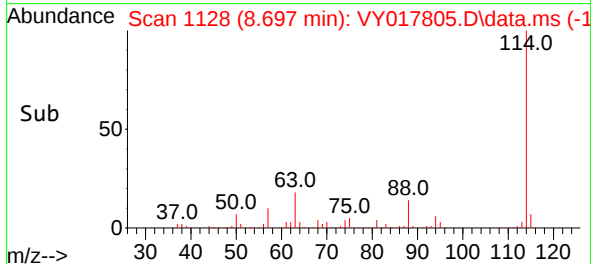
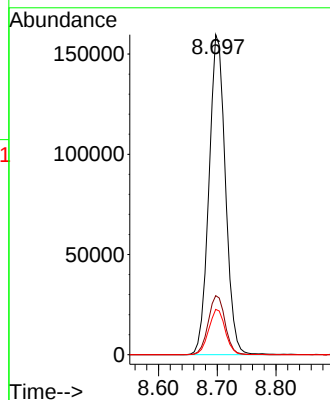
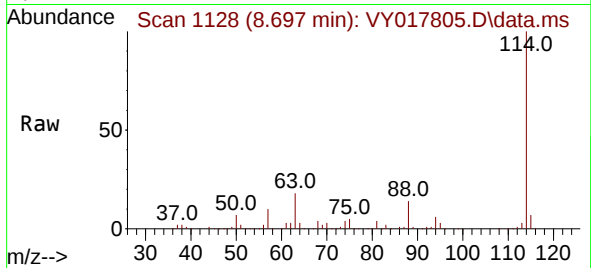




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY017805.D
Acq: 01 Apr 2024 13:23

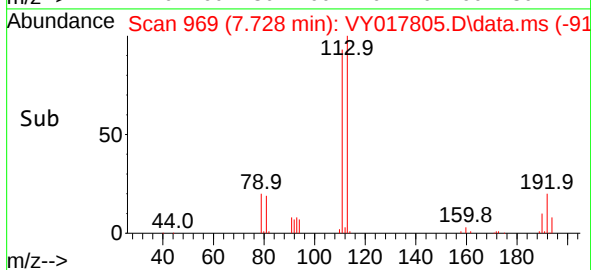
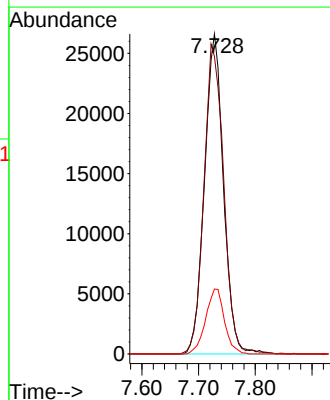
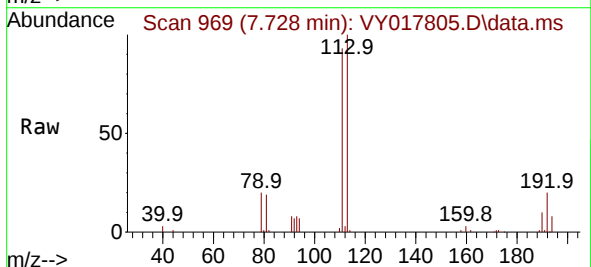
Instrument :
MSVOA_Y
ClientSampleId :
CCM-2

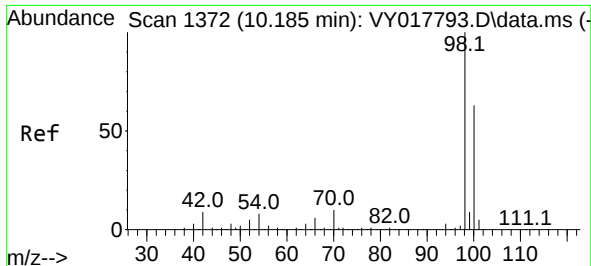
Tgt Ion:114 Resp: 310866
Ion Ratio Lower Upper
114 100
63 18.4 0.0 35.0
88 14.1 0.0 27.2



#35
Dibromofluoromethane
Concen: 34.480 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY017805.D
Acq: 01 Apr 2024 13:23

Tgt Ion:113 Resp: 61938
Ion Ratio Lower Upper
113 100
111 100.4 82.2 123.4
192 20.1 15.9 23.9

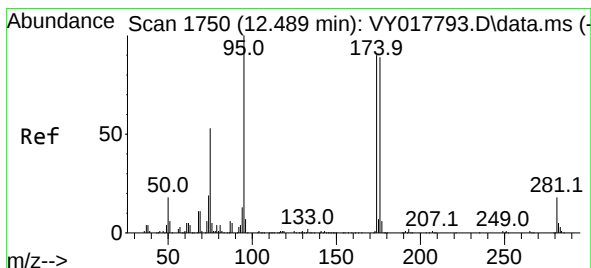
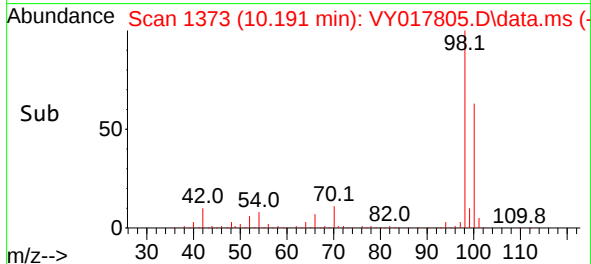
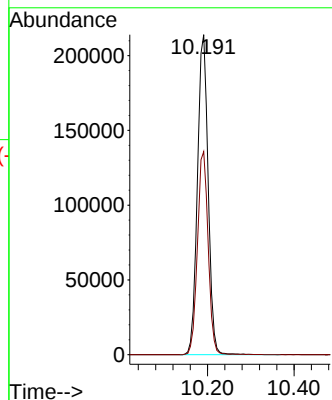
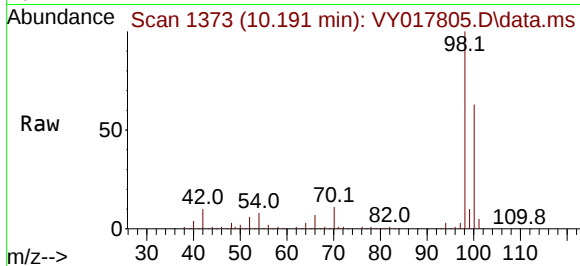




#50
Toluene-d8
Concen: 54.608 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VY017805.D
Acq: 01 Apr 2024 13:23

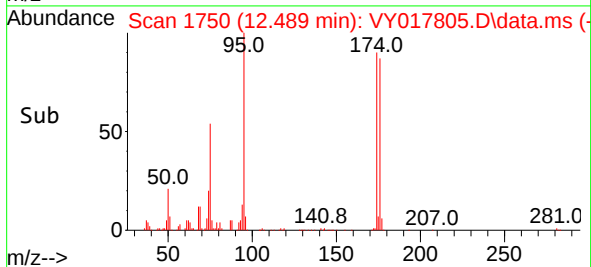
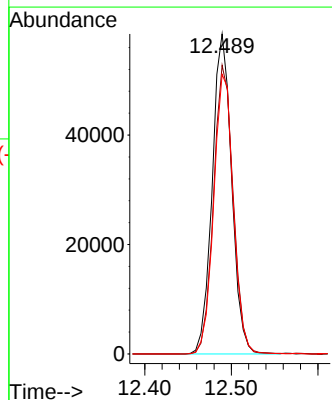
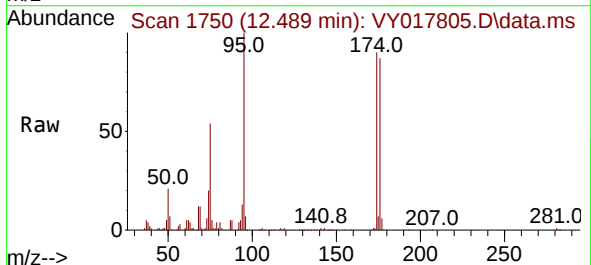
Instrument :
MSVOA_Y
ClientSampleId :
CCM-2

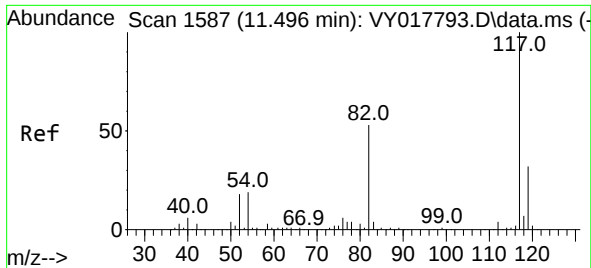
Tgt Ion: 98 Resp: 366423
Ion Ratio Lower Upper
98 100
100 63.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.667 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017805.D
Acq: 01 Apr 2024 13:23

Tgt Ion: 95 Resp: 91188
Ion Ratio Lower Upper
95 100
174 91.1 0.0 175.6
176 88.2 0.0 171.4

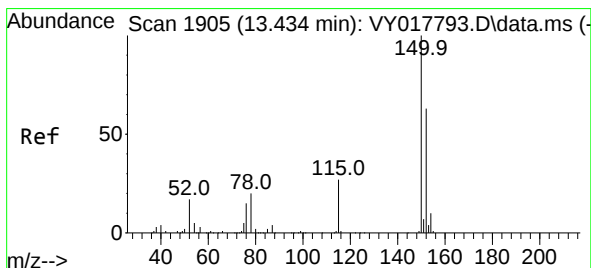
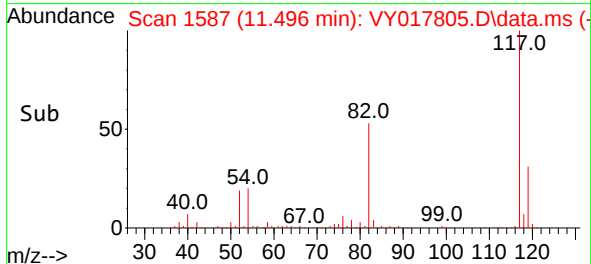
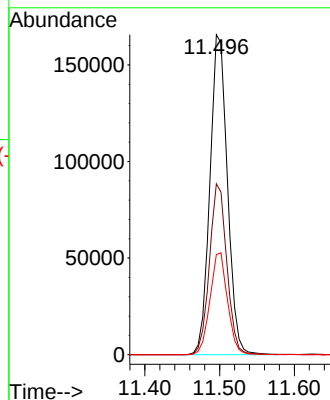
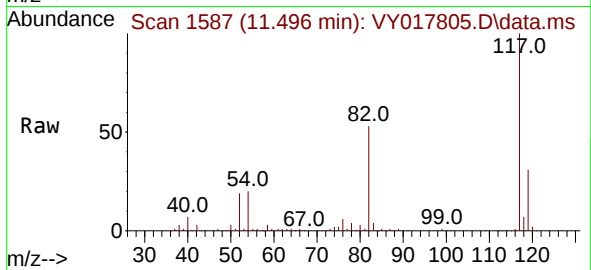




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017805.D
Acq: 01 Apr 2024 13:23

Instrument :
MSVOA_Y
ClientSampleId :
CCM-2

Tgt Ion:117 Resp: 270246
Ion Ratio Lower Upper
117 100
82 53.4 42.4 63.6
119 31.3 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY017805.D
Acq: 01 Apr 2024 13:23

Tgt Ion:152 Resp: 93856
Ion Ratio Lower Upper
152 100
115 54.8 28.2 84.7
150 156.1 0.0 345.6

