

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122723\
 Data File : VY016873.D
 Acq On : 27 Dec 2023 13:26
 Operator : SY/MD
 Sample : 06027-05
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CURB

Quant Time: Dec 28 03:44:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	103491	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	219203	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	217304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	85943	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	56816	60.138	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.280%
35) Dibromofluoromethane	7.728	113	44721	35.616	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	71.240%
50) Toluene-d8	10.185	98	217457	48.041	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.080%
62) 4-Bromofluorobenzene	12.489	95	69786	47.521	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.040%

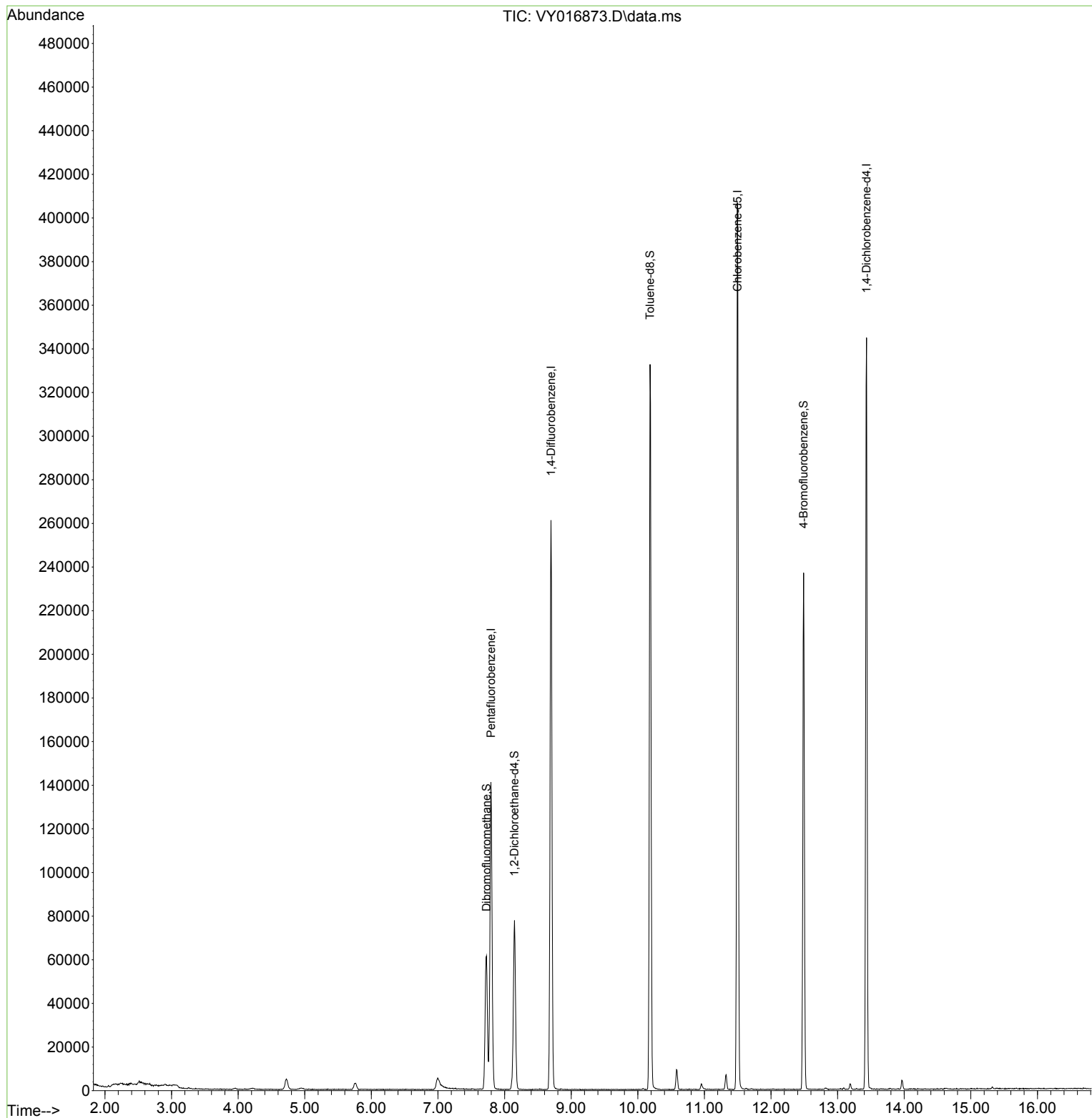
Target Compounds	Qvalue

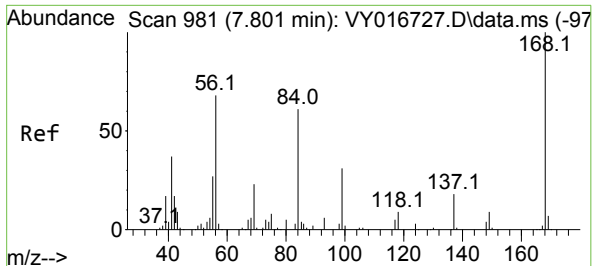
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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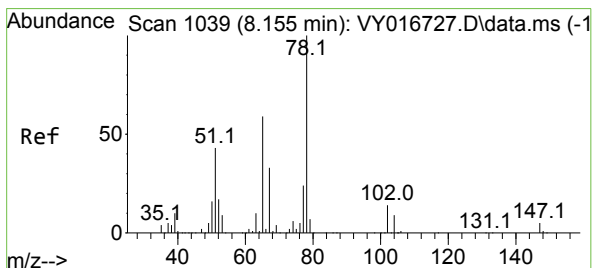
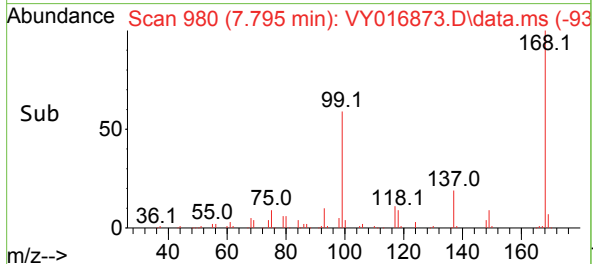
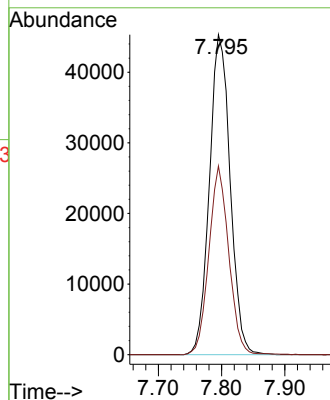
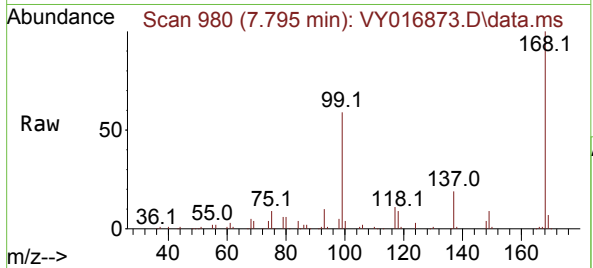




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016873.D
Acq: 27 Dec 2023 13:26

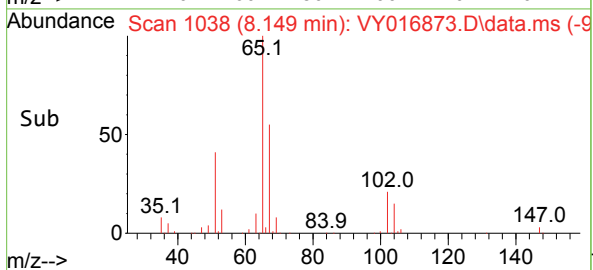
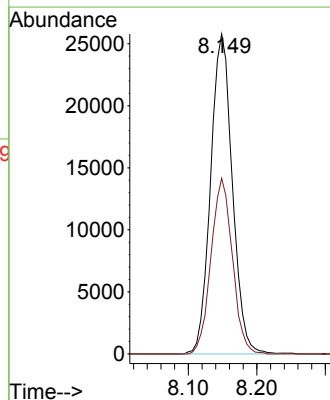
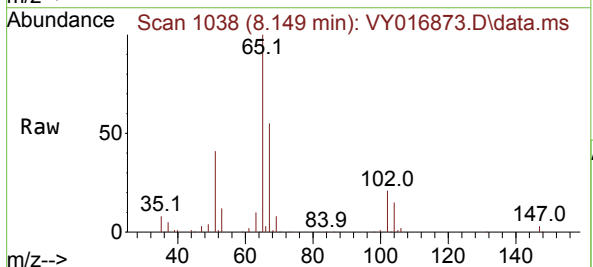
Instrument :
MSVOA_Y
ClientSampleId :
CURB

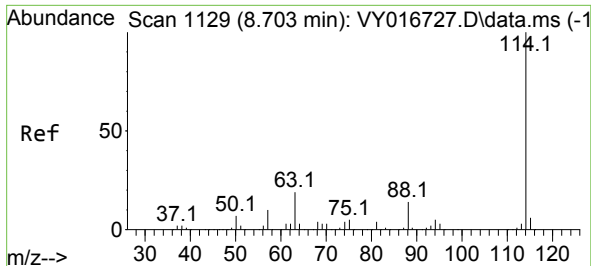
Tgt Ion:168 Resp: 103491
Ion Ratio Lower Upper
168 100
99 58.9 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 60.138 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY016873.D
Acq: 27 Dec 2023 13:26

Tgt Ion: 65 Resp: 56816
Ion Ratio Lower Upper
65 100
67 54.0 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VY016873.D

Acq: 27 Dec 2023 13:26

Instrument :

MSVOA_Y

ClientSampleId :

CURB

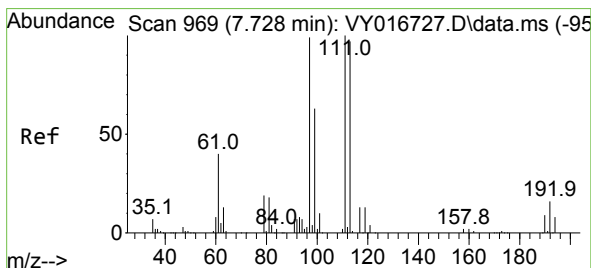
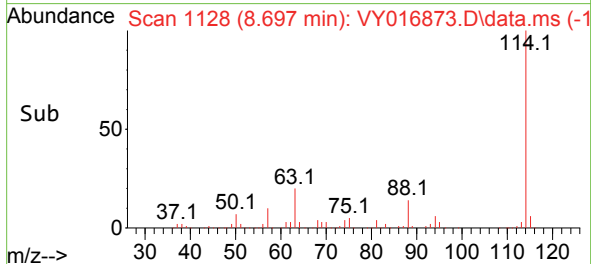
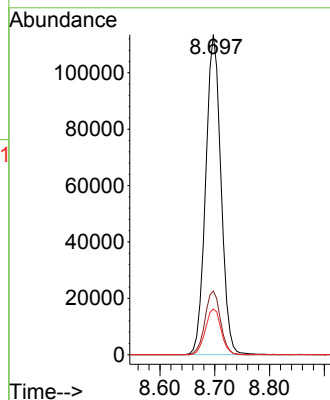
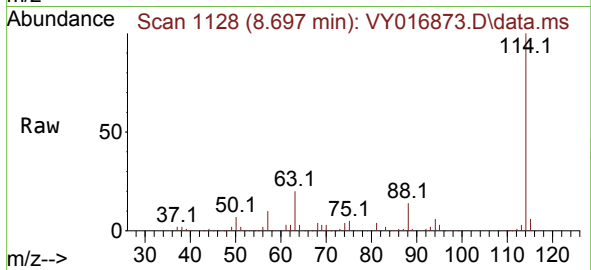
Tgt Ion:114 Resp: 219203

Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.4

88 14.2 0.0 29.0



#35

Dibromofluoromethane

Concen: 35.616 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY016873.D

Acq: 27 Dec 2023 13:26

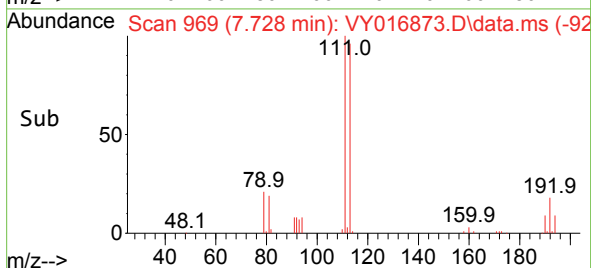
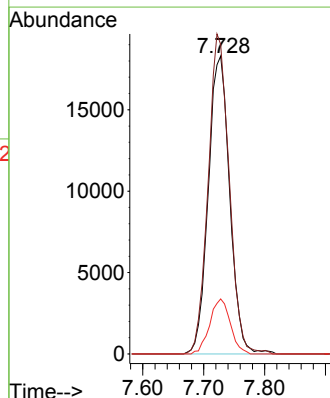
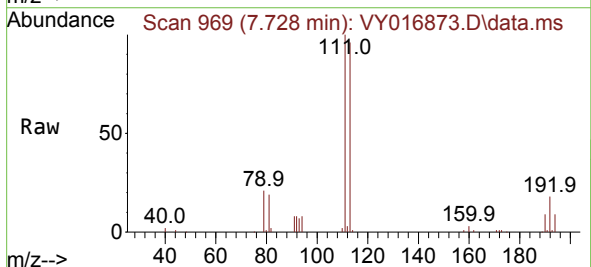
Tgt Ion:113 Resp: 44721

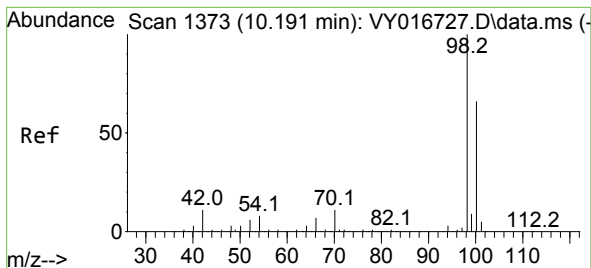
Ion Ratio Lower Upper

113 100

111 105.4 83.8 125.6

192 17.7 14.5 21.7





#50

Toluene-d8

Concen: 48.041 ug/l

RT: 10.185 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016873.D

Acq: 27 Dec 2023 13:26

Instrument :

MSVOA_Y

ClientSampleId :

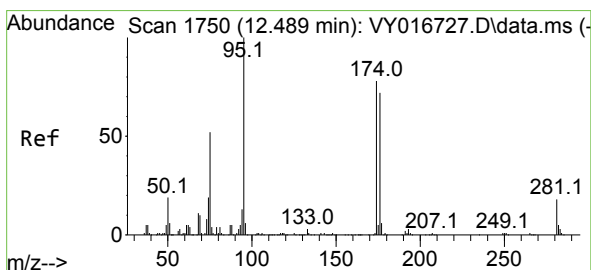
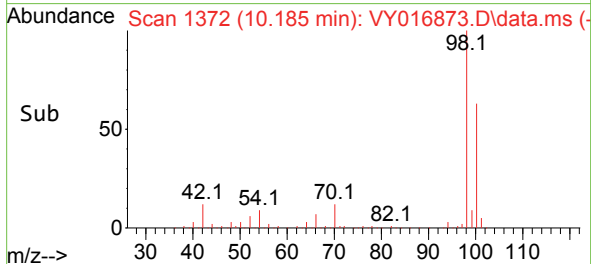
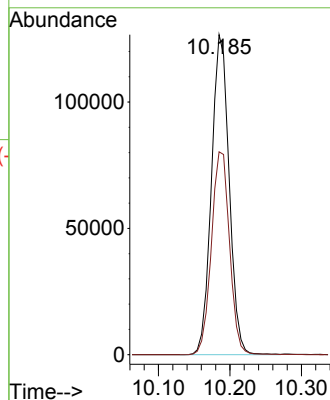
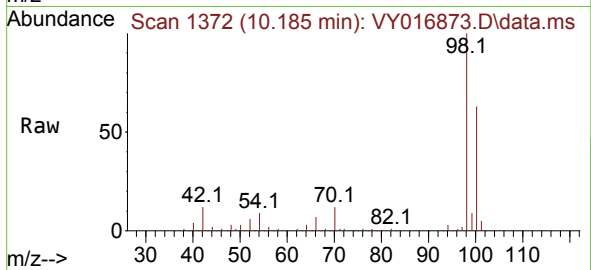
CURB

Tgt Ion: 98 Resp: 217457

Ion Ratio Lower Upper

98 100

100 65.1 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 47.521 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY016873.D

Acq: 27 Dec 2023 13:26

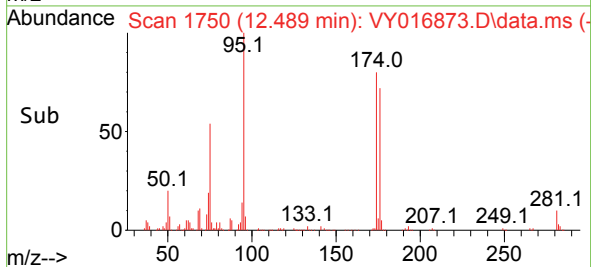
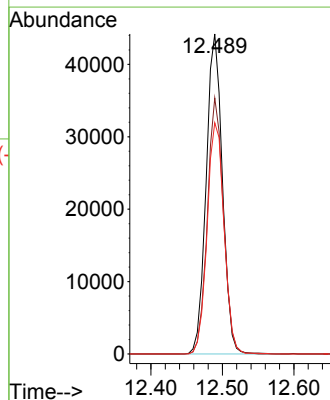
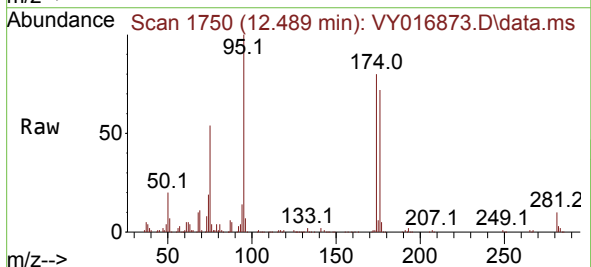
Tgt Ion: 95 Resp: 69786

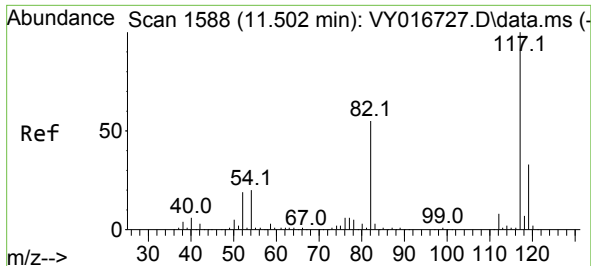
Ion Ratio Lower Upper

95 100

174 79.1 0.0 160.0

176 75.2 0.0 151.8

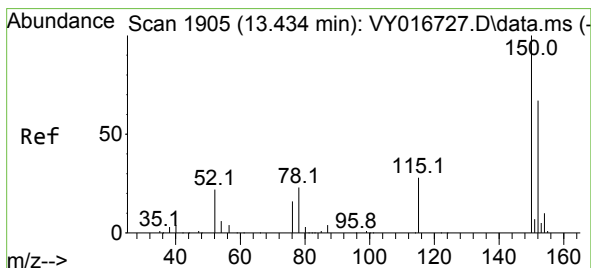
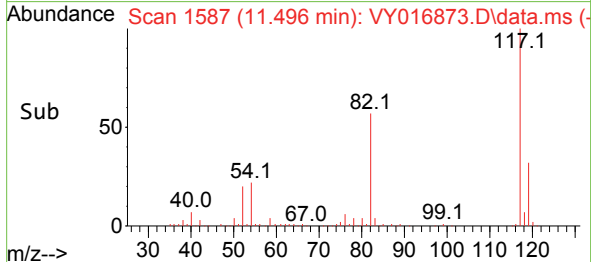
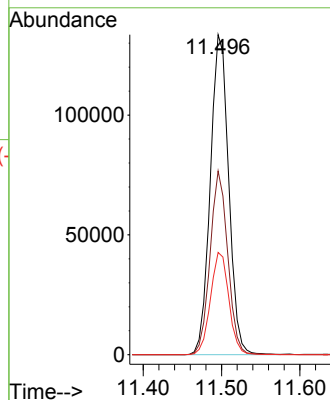
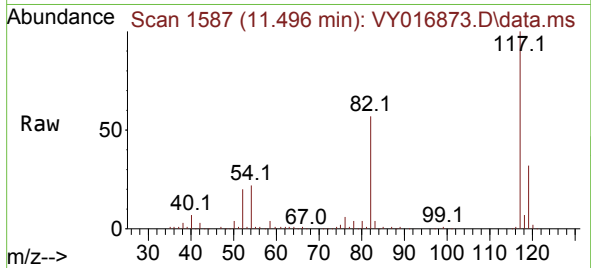




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016873.D
Acq: 27 Dec 2023 13:26

Instrument :
MSVOA_Y
ClientSampleId :
CURB

Tgt Ion:117 Resp: 217304
Ion Ratio Lower Upper
117 100
82 57.4 43.8 65.8
119 31.9 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY016873.D
Acq: 27 Dec 2023 13:26

Tgt Ion:152 Resp: 85943
Ion Ratio Lower Upper
152 100
115 59.7 30.0 90.0
150 156.0 0.0 344.6

