

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122723\
 Data File : VY016871.D
 Acq On : 27 Dec 2023 12:39
 Operator : SY/MD
 Sample : 06027-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CONTAINMENT

Quant Time: Dec 28 03:43:53 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	100840	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	218801	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.496	117	214576	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	79767	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	55012	59.759	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.520%
35) Dibromofluoromethane	7.716	113	58815	46.926	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.860%
50) Toluene-d8	10.185	98	219520	48.586	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.180%
62) 4-Bromofluorobenzene	12.483	95	67724	46.202	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.400%

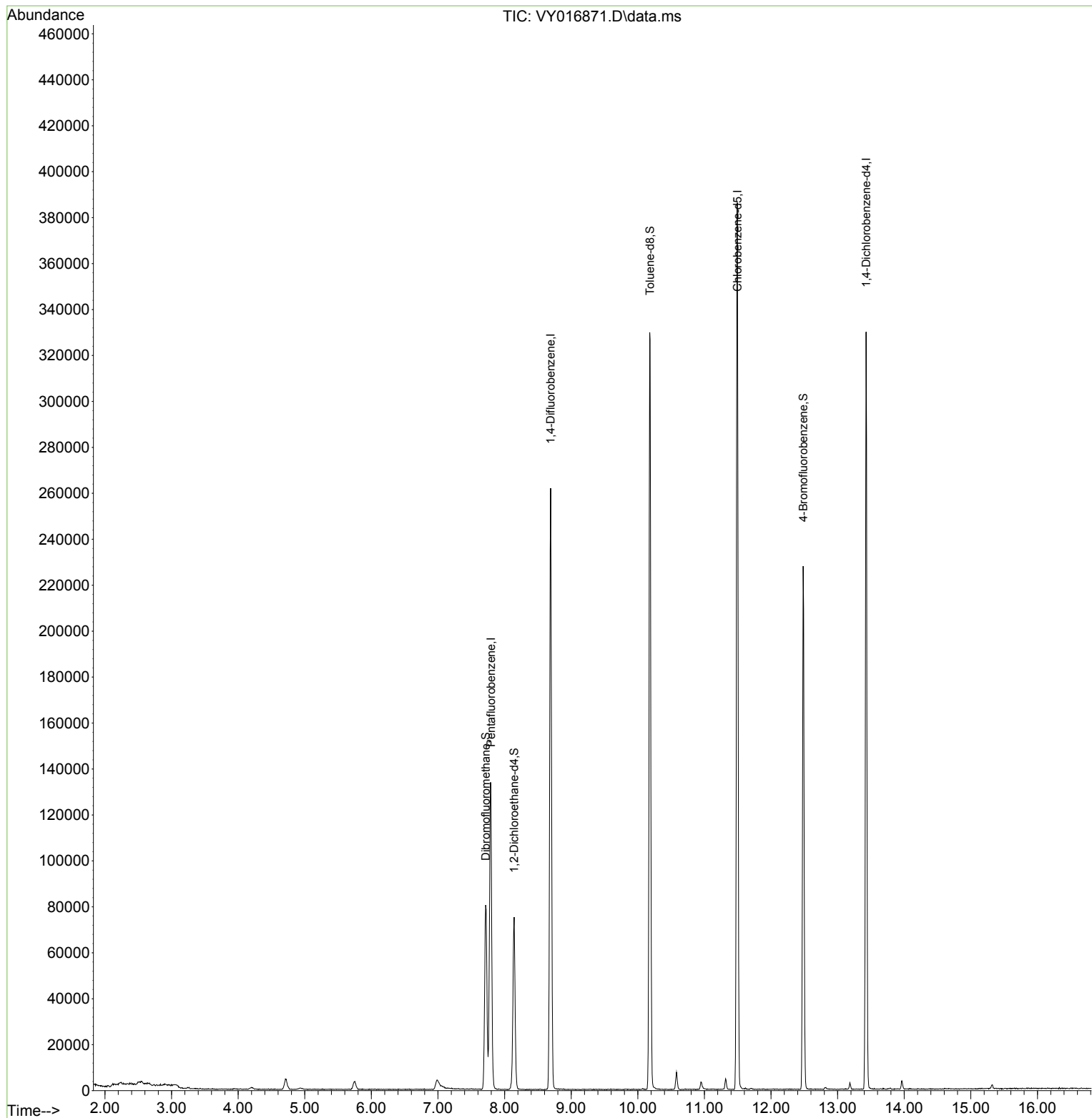
Target Compounds	Qvalue

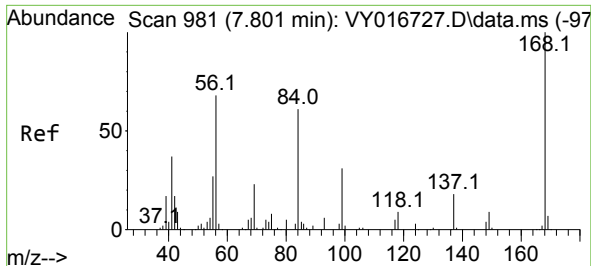
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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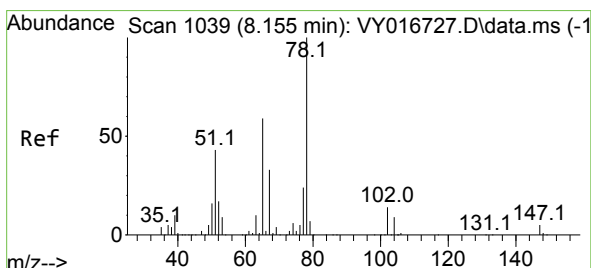
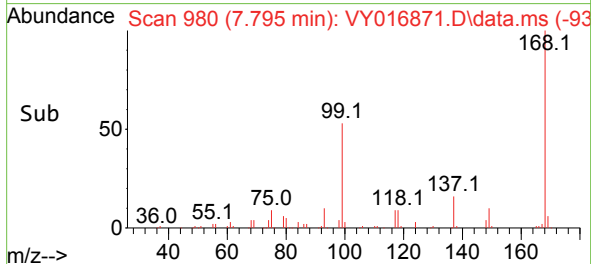
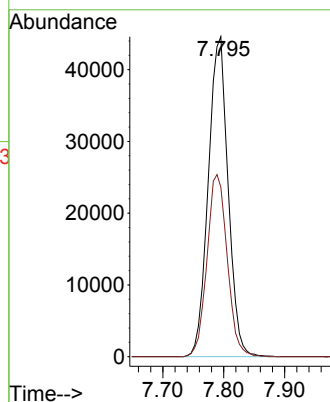
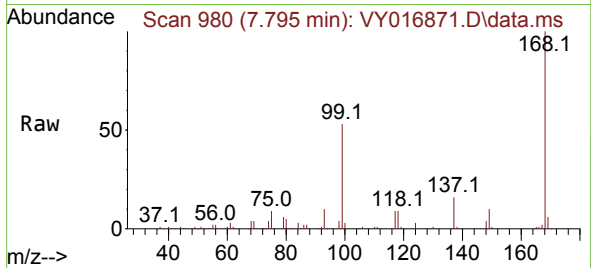




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016871.D
Acq: 27 Dec 2023 12:39

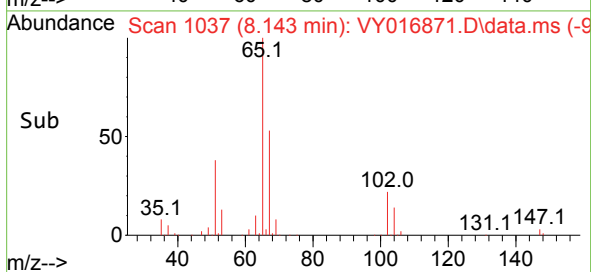
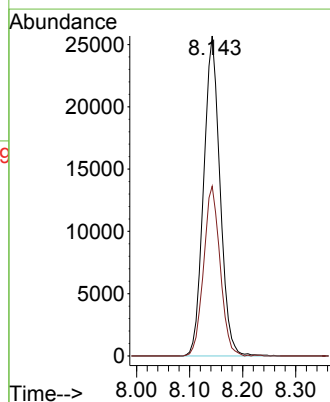
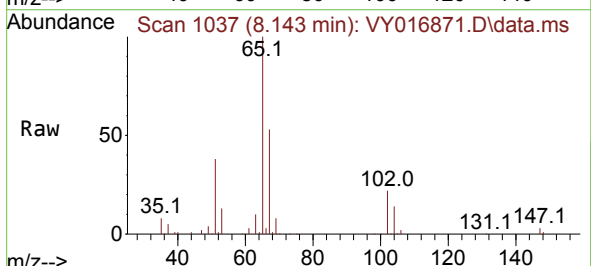
Instrument :
MSVOA_Y
ClientSampleId :
CONTAINMENT

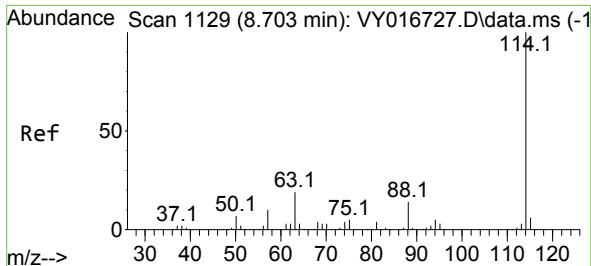
Tgt Ion:168 Resp: 100840
Ion Ratio Lower Upper
168 100
99 53.0 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 59.759 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.012 min
Lab File: VY016871.D
Acq: 27 Dec 2023 12:39

Tgt Ion: 65 Resp: 55012
Ion Ratio Lower Upper
65 100
67 53.3 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.012 min

Lab File: VY016871.D

Acq: 27 Dec 2023 12:39

Instrument :

MSVOA_Y

ClientSampleId :

CONTAINMENT

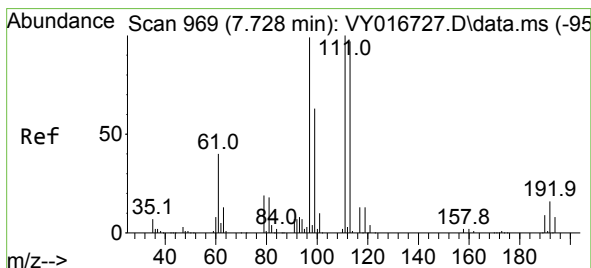
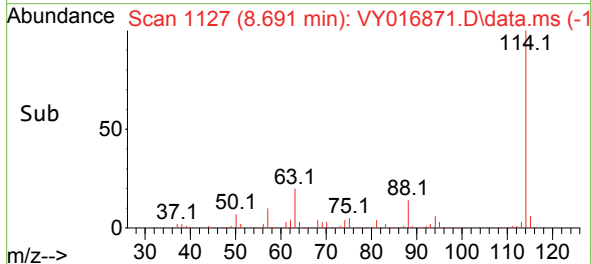
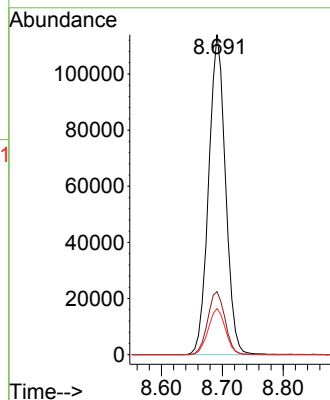
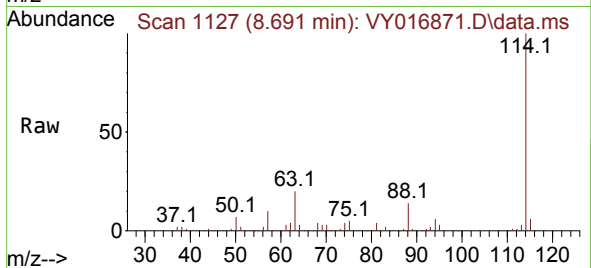
Tgt Ion:114 Resp: 218801

Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.4

88 14.4 0.0 29.0



#35

Dibromofluoromethane

Concen: 46.926 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.012 min

Lab File: VY016871.D

Acq: 27 Dec 2023 12:39

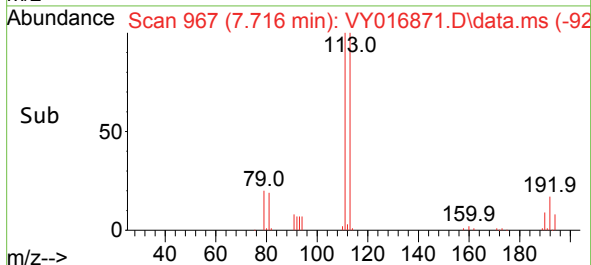
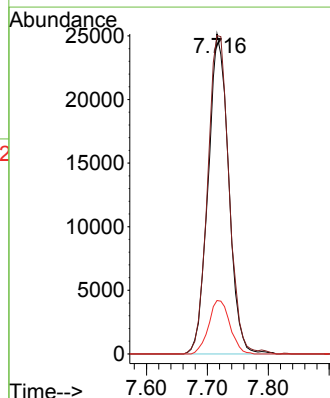
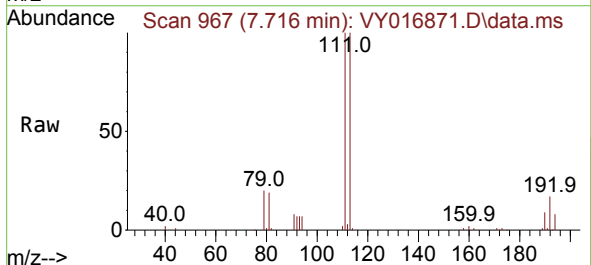
Tgt Ion:113 Resp: 58815

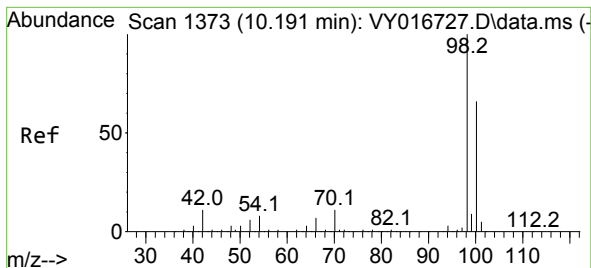
Ion Ratio Lower Upper

113 100

111 103.7 83.8 125.6

192 17.3 14.5 21.7

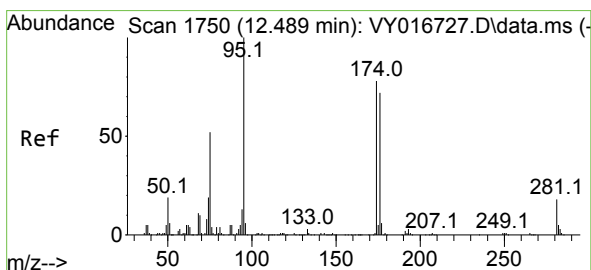
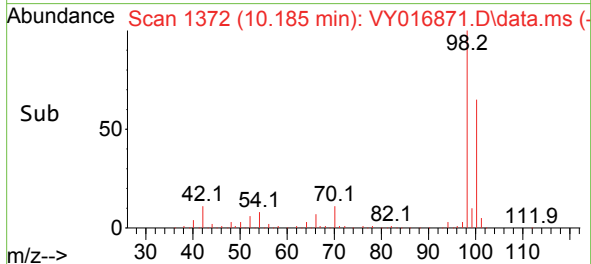
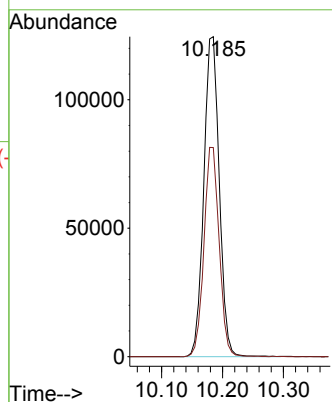
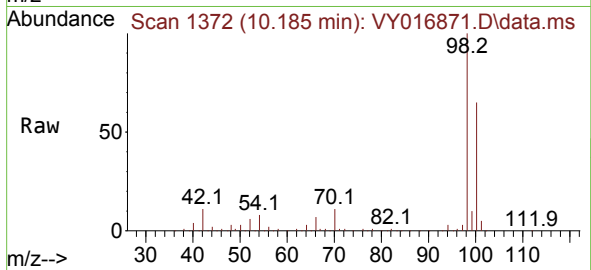




#50
Toluene-d8
Concen: 48.586 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016871.D
Acq: 27 Dec 2023 12:39

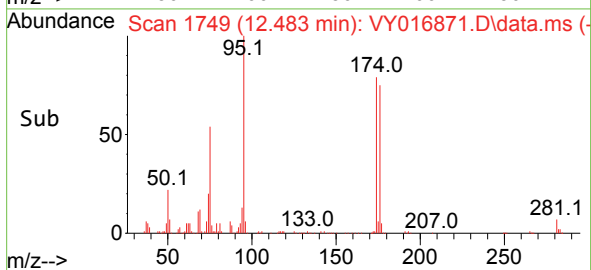
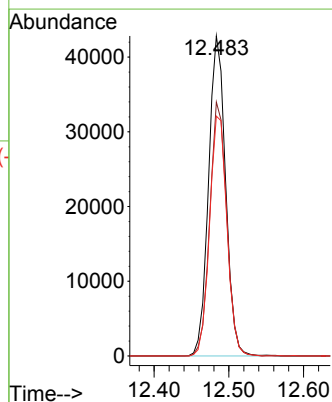
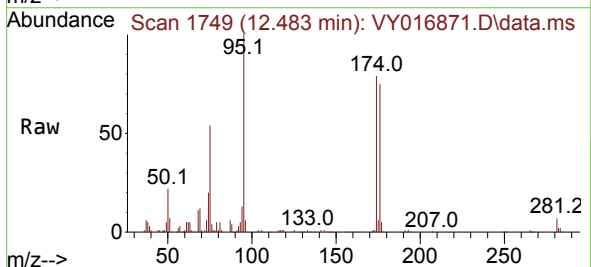
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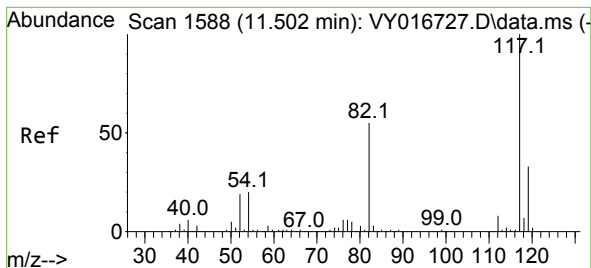
Tgt Ion: 98 Resp: 219520
Ion Ratio Lower Upper
98 100
100 64.3 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 46.202 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016871.D
Acq: 27 Dec 2023 12:39

Tgt Ion: 95 Resp: 67724
Ion Ratio Lower Upper
95 100
174 79.0 0.0 160.0
176 76.5 0.0 151.8

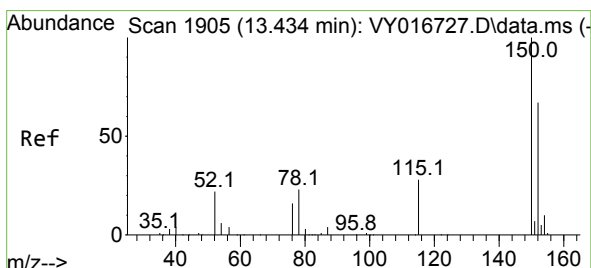
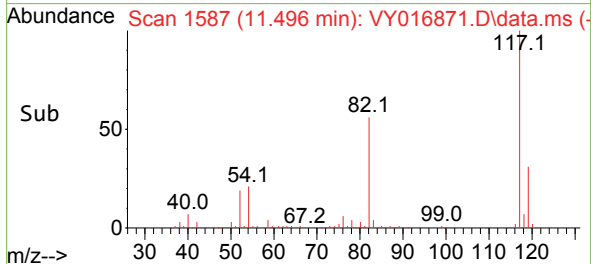
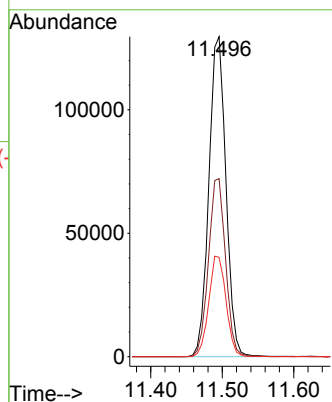
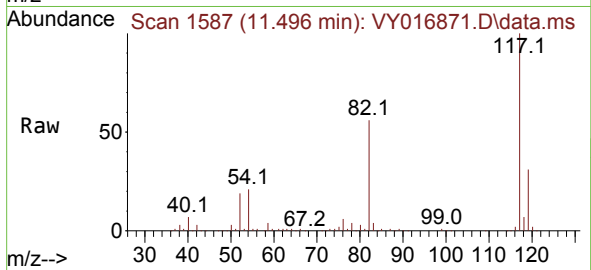




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016871.D
Acq: 27 Dec 2023 12:39

Instrument :
MSVOA_Y
ClientSampleId :
CONTAINMENT

Tgt Ion:117 Resp: 214576
Ion Ratio Lower Upper
117 100
82 55.6 43.8 65.8
119 31.0 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY016871.D
Acq: 27 Dec 2023 12:39

Tgt Ion:152 Resp: 79767
Ion Ratio Lower Upper
152 100
115 60.0 30.0 90.0
150 159.6 0.0 344.6

