

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122123\
 Data File : VY016772.D
 Acq On : 21 Dec 2023 21:17
 Operator : SY/MD
 Sample : 05878-01
 Misc : 0.80g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COLY8

Quant Time: Dec 22 00:46:36 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)

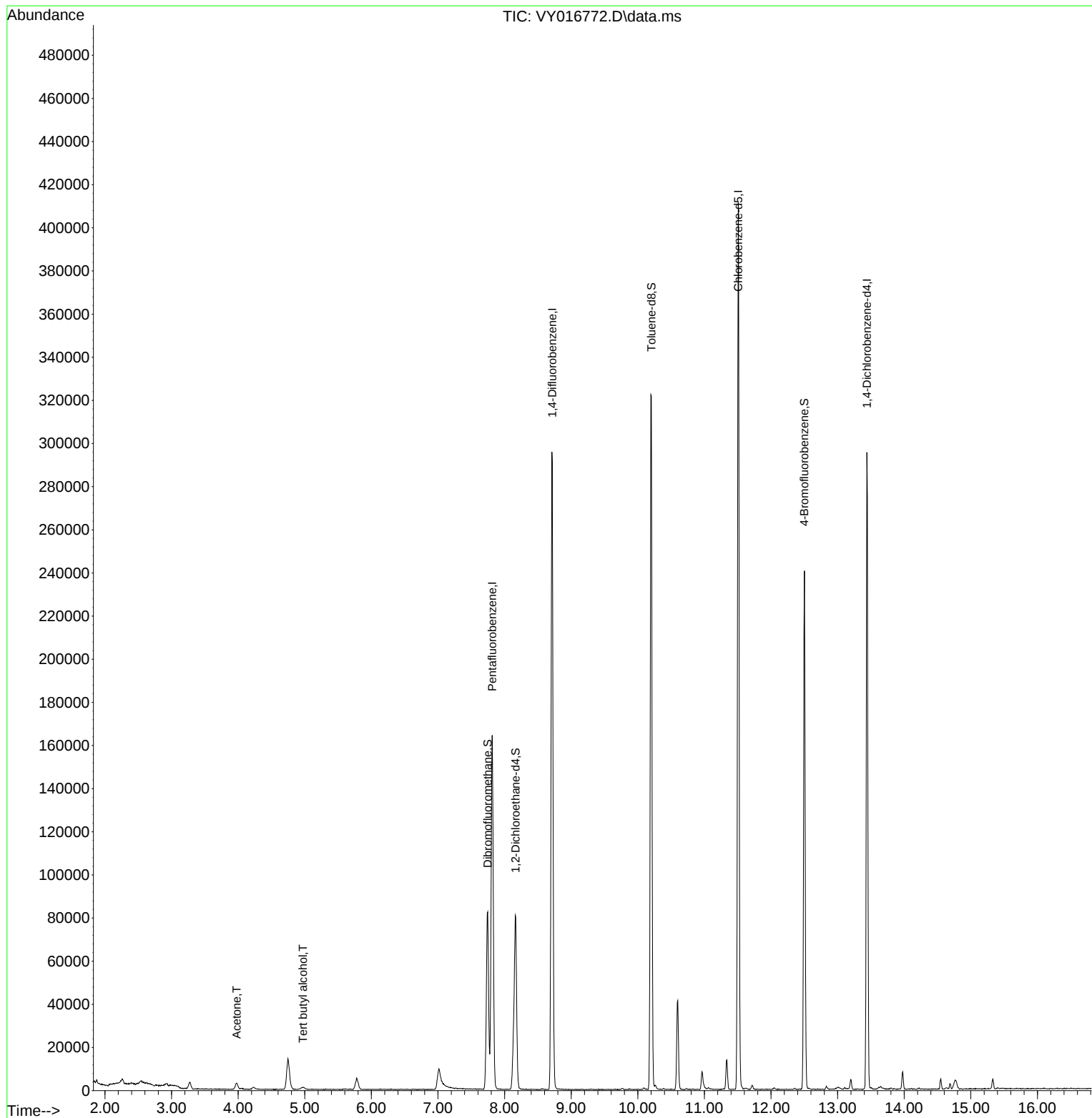
Internal Standards						
1) Pentafluorobenzene	7.813	168	125395	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.715	114	252895	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	222096	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	74233	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	55625	48.593	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.180%
35) Dibromofluoromethane	7.746	113	60470	41.742	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.480%
50) Toluene-d8	10.203	98	214639	41.101	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	82.200%
62) 4-Bromofluorobenzene	12.501	95	66363	39.170	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.340%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	1640	17.473	ug/l #	75
16) Acetone	3.978	43	5466	17.658	ug/l	97

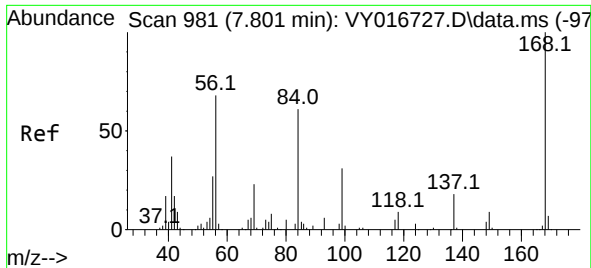
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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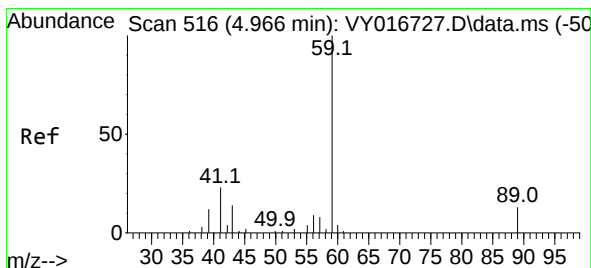
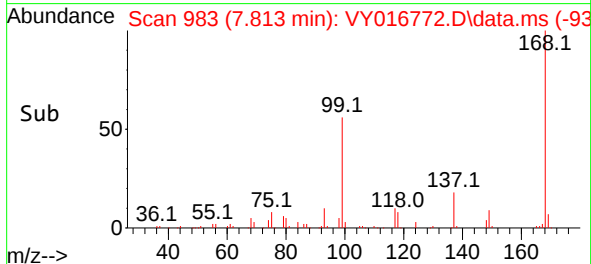
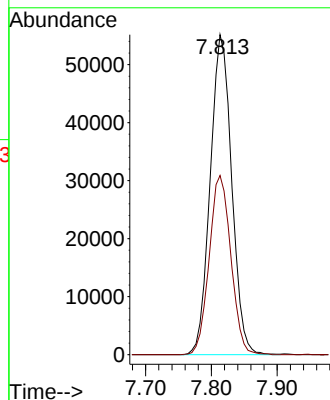
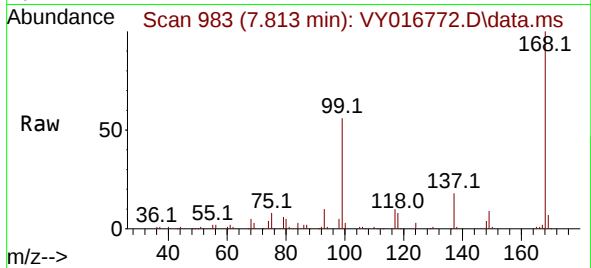




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016772.D
Acq: 21 Dec 2023 21:17

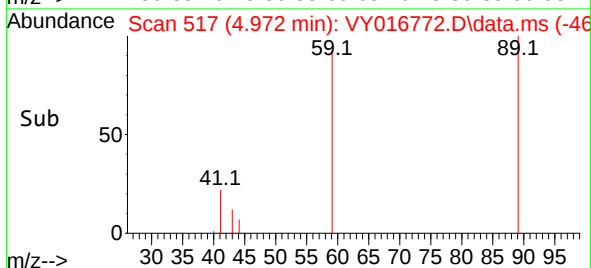
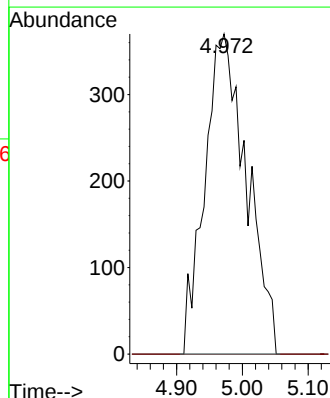
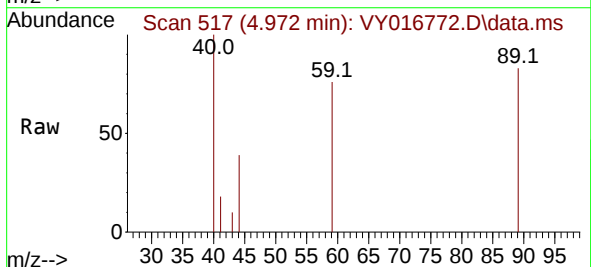
Instrument :
MSVOA_Y
ClientSampleId :
COLY8

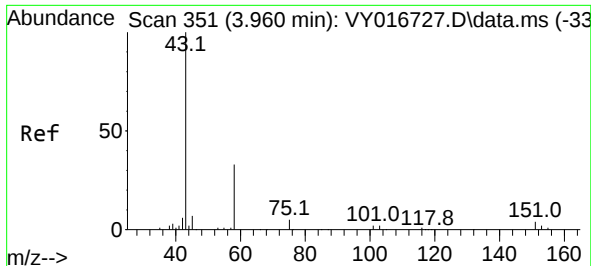
Tgt Ion:168 Resp: 125395
Ion Ratio Lower Upper
168 100
99 56.0 44.2 66.4



#11
Tert butyl alcohol
Concen: 17.473 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.006 min
Lab File: VY016772.D
Acq: 21 Dec 2023 21:17

Tgt Ion: 59 Resp: 1640
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

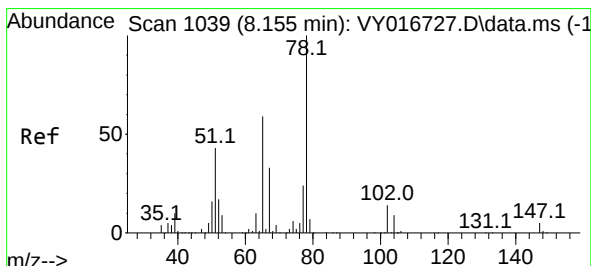
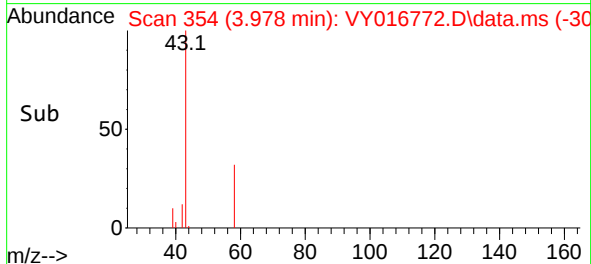
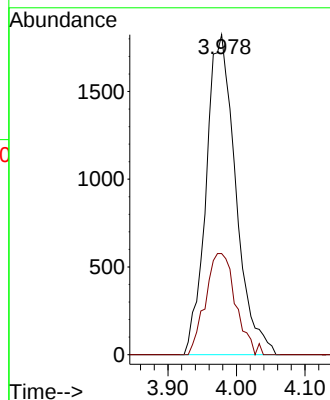
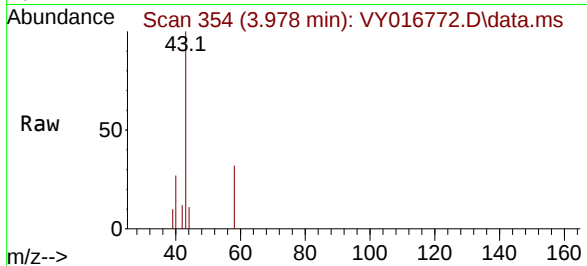




#16
Acetone
Concen: 17.658 ug/l
RT: 3.978 min Scan# 31
Delta R.T. 0.018 min
Lab File: VY016772.D
Acq: 21 Dec 2023 21:17

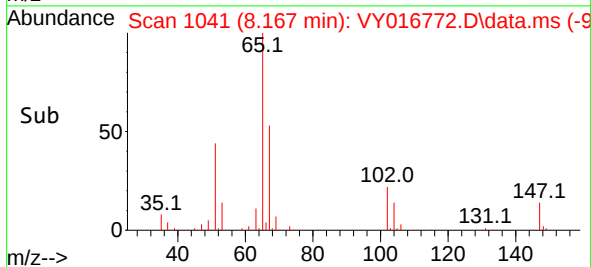
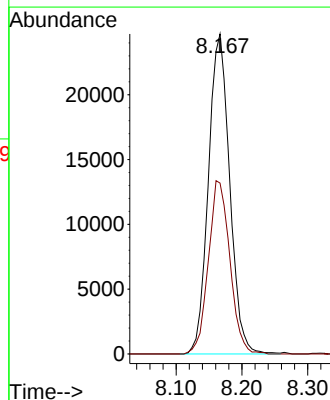
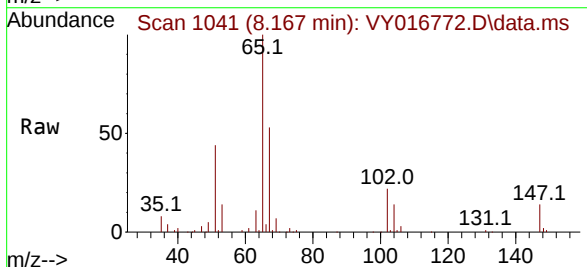
Instrument :
MSVOA_Y
ClientSampleId :
COLY8

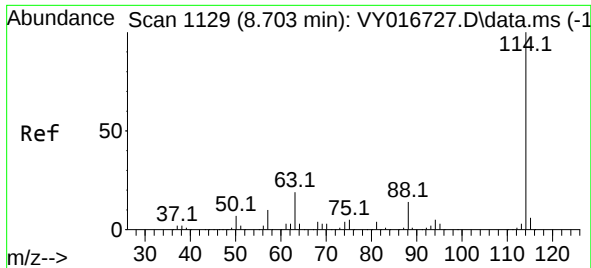
Tgt Ion: 43 Resp: 5466
Ion Ratio Lower Upper
43 100
58 31.6 26.6 39.8



#33
1,2-Dichloroethane-d4
Concen: 48.593 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.012 min
Lab File: VY016772.D
Acq: 21 Dec 2023 21:17

Tgt Ion: 65 Resp: 55625
Ion Ratio Lower Upper
65 100
67 54.6 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.715 min Scan# 1129

Delta R.T. 0.012 min

Lab File: VY016772.D

Acq: 21 Dec 2023 21:17

Instrument :

MSVOA_Y

ClientSampleId :

C0LY8

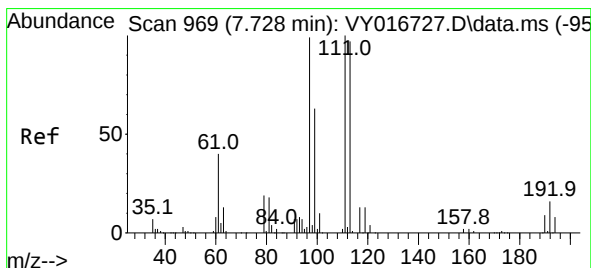
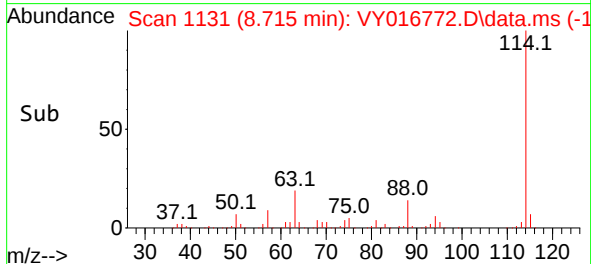
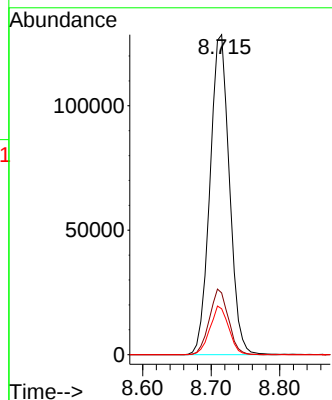
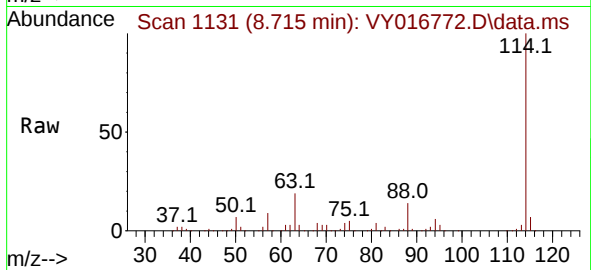
Tgt Ion:114 Resp: 252895

Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.4

88 14.3 0.0 29.0



#35

Dibromofluoromethane

Concen: 41.742 ug/l

RT: 7.746 min Scan# 972

Delta R.T. 0.018 min

Lab File: VY016772.D

Acq: 21 Dec 2023 21:17

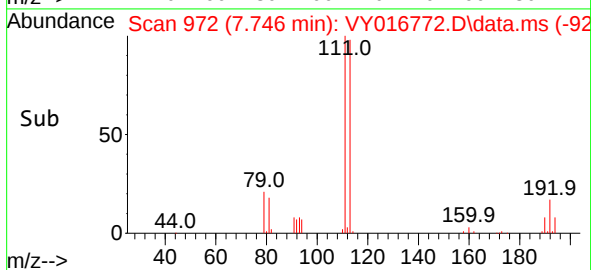
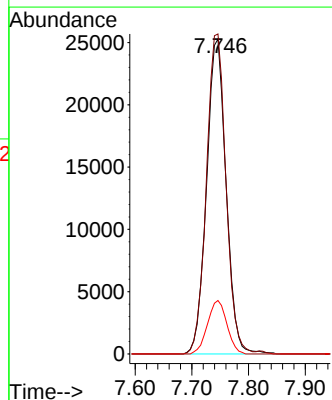
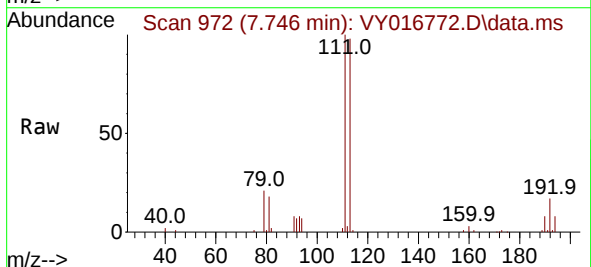
Tgt Ion:113 Resp: 60470

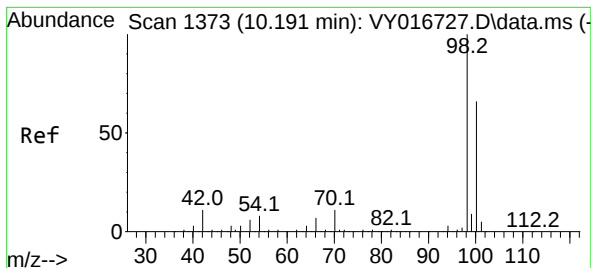
Ion Ratio Lower Upper

113 100

111 101.7 83.8 125.6

192 16.8 14.5 21.7





#50

Toluene-d8

Concen: 41.101 ug/l

RT: 10.203 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016772.D

Acq: 21 Dec 2023 21:17

Instrument :

MSVOA_Y

ClientSampleId :

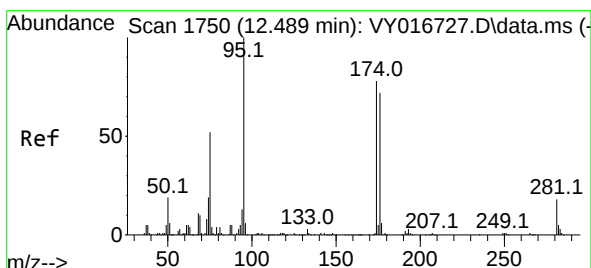
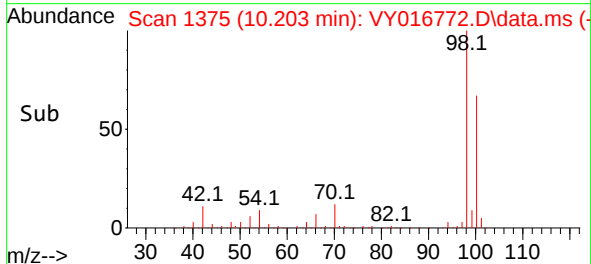
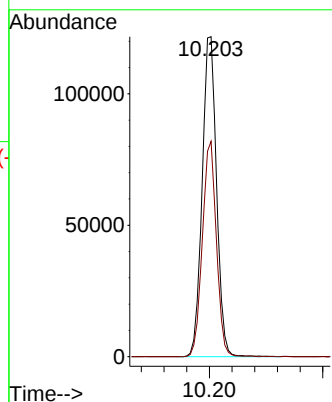
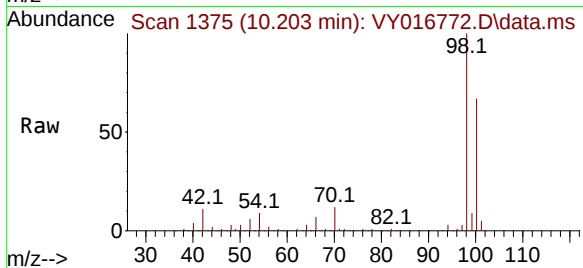
C0LY8

Tgt Ion: 98 Resp: 214639

Ion Ratio Lower Upper

98 100

100 65.5 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 39.170 ug/l

RT: 12.501 min Scan# 1752

Delta R.T. 0.012 min

Lab File: VY016772.D

Acq: 21 Dec 2023 21:17

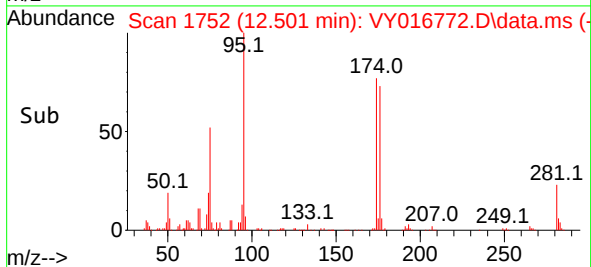
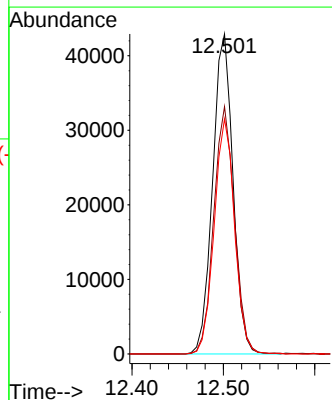
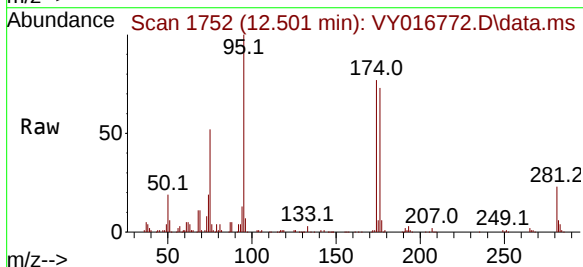
Tgt Ion: 95 Resp: 66363

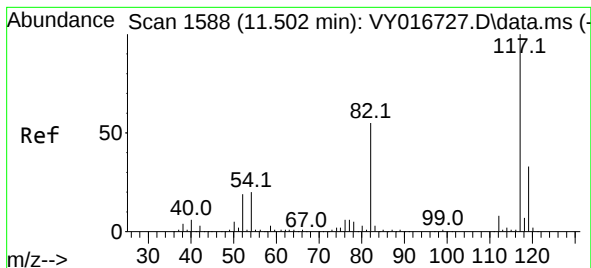
Ion Ratio Lower Upper

95 100

174 78.9 0.0 160.0

176 73.8 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016772.D

Acq: 21 Dec 2023 21:17

Instrument :

MSVOA_Y

ClientSampleId :

C0LY8

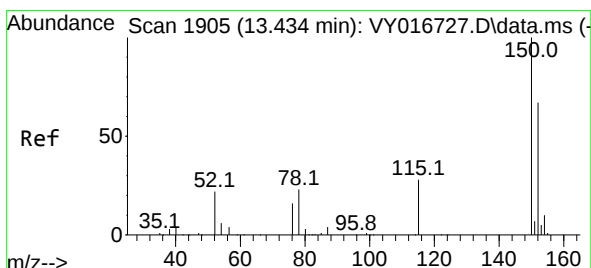
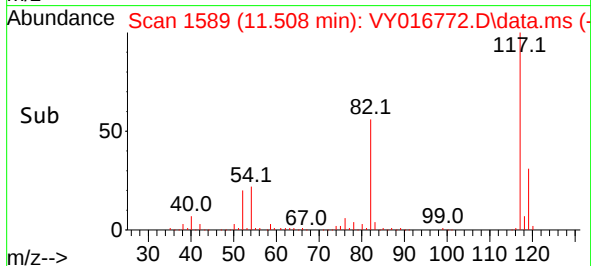
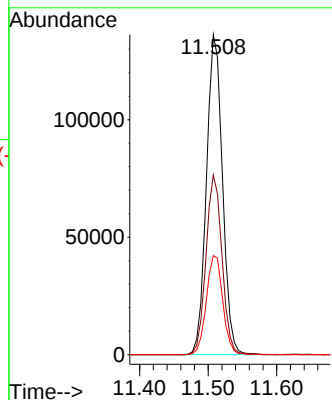
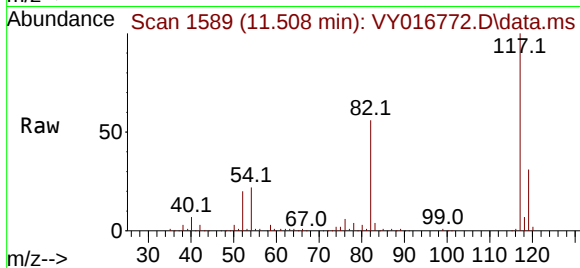
Tgt Ion:117 Resp: 222096

Ion Ratio Lower Upper

117 100

82 56.2 43.8 65.8

119 30.9 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY016772.D

Acq: 21 Dec 2023 21:17

Tgt Ion:152 Resp: 74233

Ion Ratio Lower Upper

152 100

115 59.4 30.0 90.0

150 158.4 0.0 344.6

