

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122123\
 Data File : VY016770.D
 Acq On : 21 Dec 2023 20:31
 Operator : SY/MD
 Sample : 05876-22
 Misc : 5.12g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COLY7

Quant Time: Dec 22 00:46:13 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)

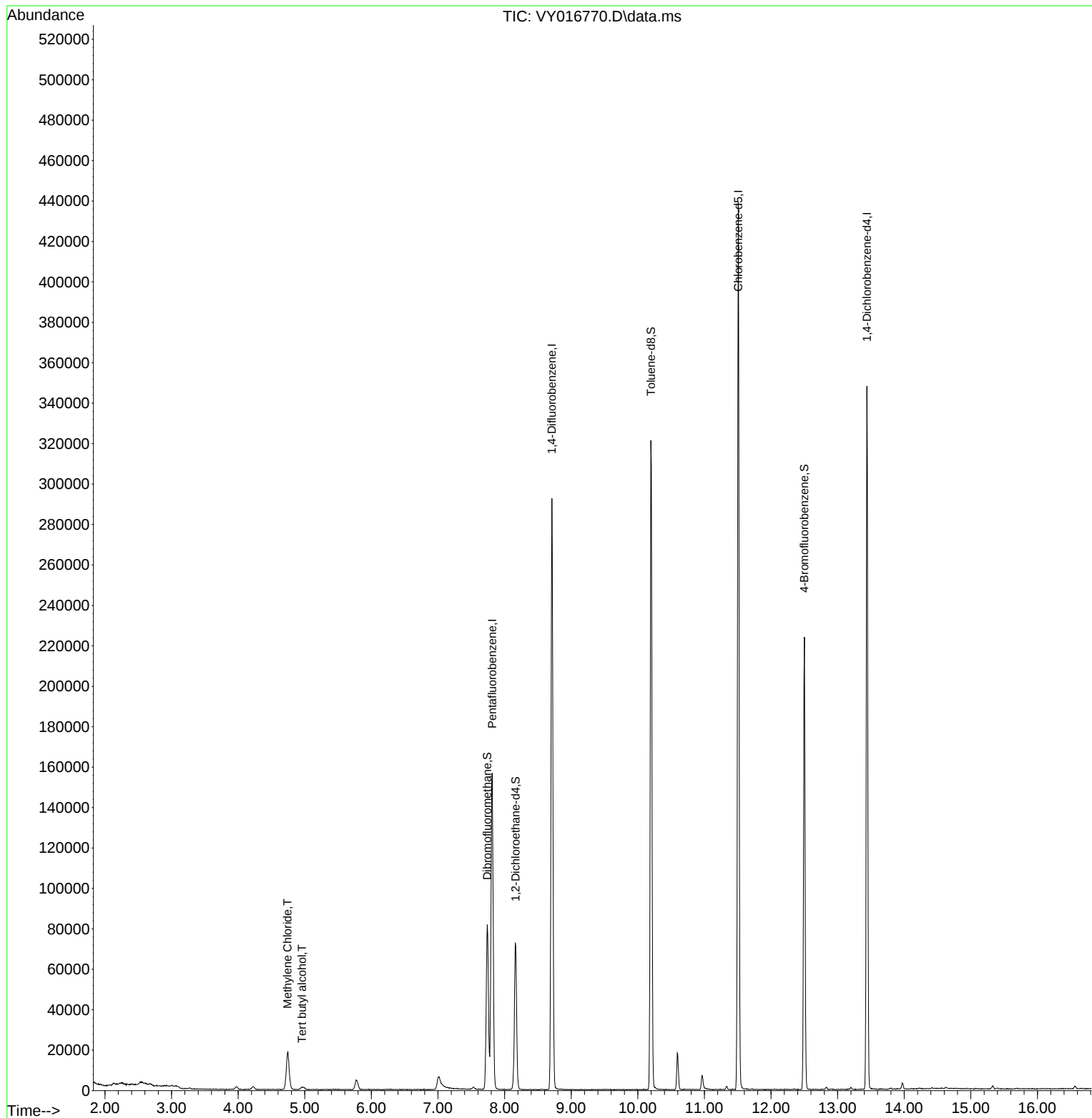
Internal Standards						
1) Pentafluorobenzene	7.813	168	118175	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	246279	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	232597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	85390	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	55887	51.804	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.600%
35) Dibromofluoromethane	7.740	113	59901	42.460	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.920%
50) Toluene-d8	10.197	98	210288	41.350	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	82.700%
62) 4-Bromofluorobenzene	12.501	95	66635	40.387	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.780%
Target Compounds						
11) Tert butyl alcohol	4.960	59	2321	26.240	ug/l #	78
20) Methylene Chloride	4.740	84	13768	6.505	ug/l	95

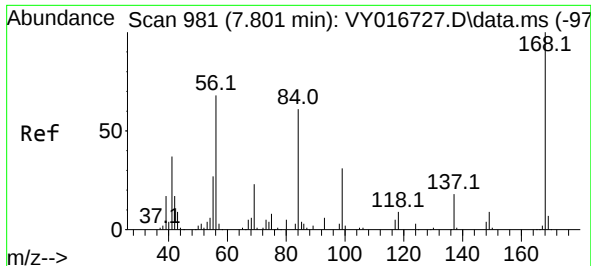
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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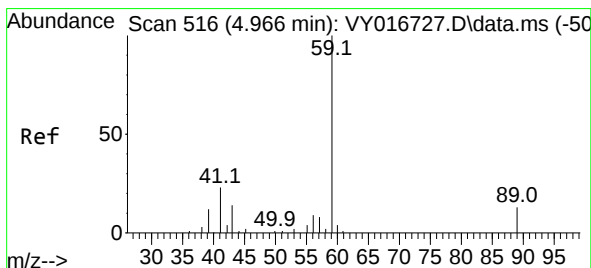
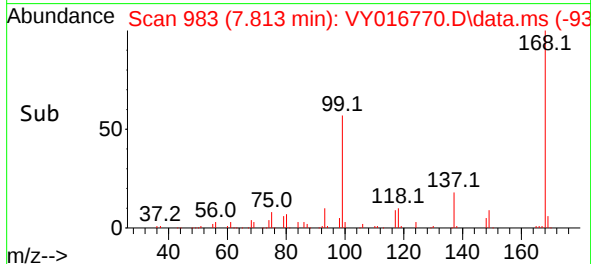
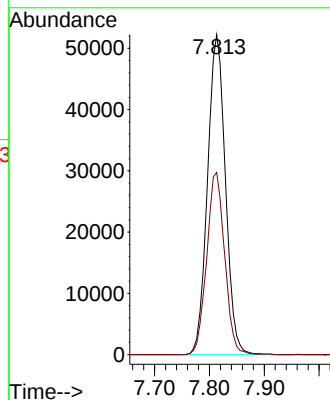
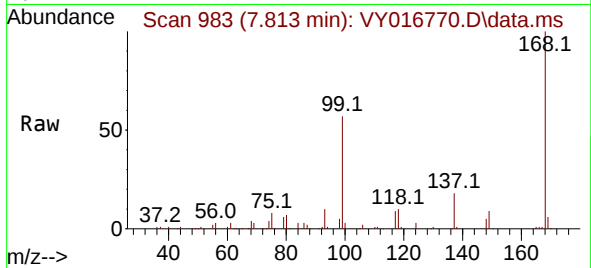




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY016770.D
Acq: 21 Dec 2023 20:31

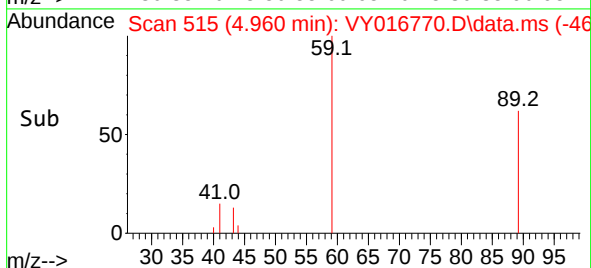
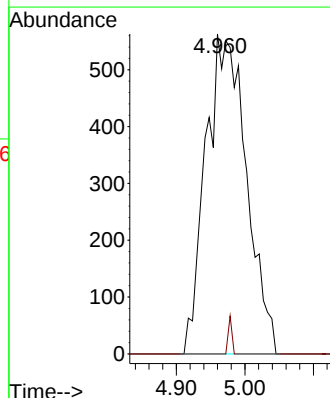
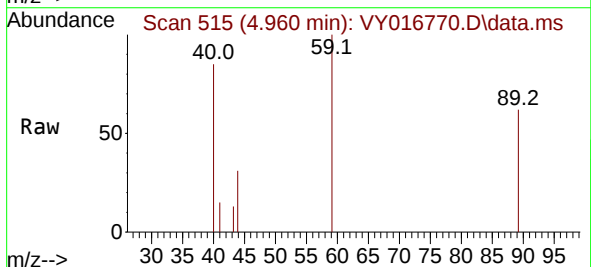
Instrument :
MSVOA_Y
ClientSampleId :
COLY7

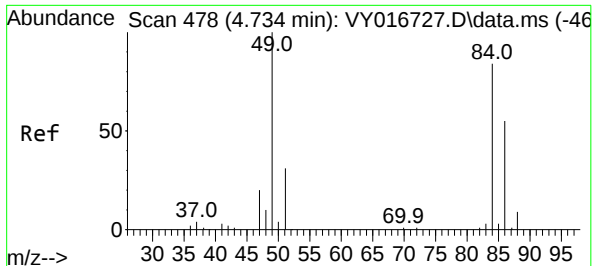
Tgt Ion:168 Resp: 118175
Ion Ratio Lower Upper
168 100
99 56.9 44.2 66.4



#11
Tert butyl alcohol
Concen: 26.240 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY016770.D
Acq: 21 Dec 2023 20:31

Tgt Ion: 59 Resp: 2321
Ion Ratio Lower Upper
59 100
57 1.1 7.4 11.0#



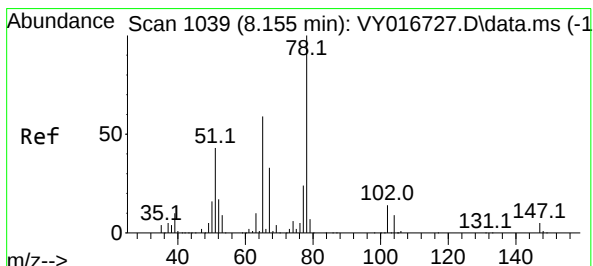
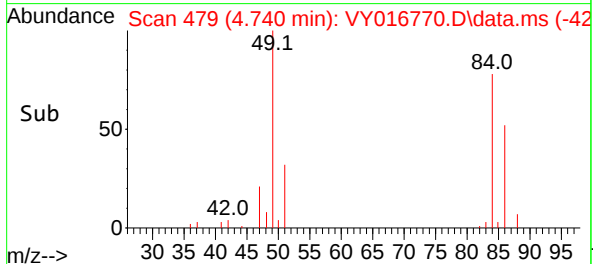
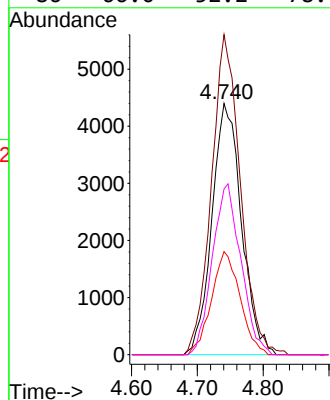
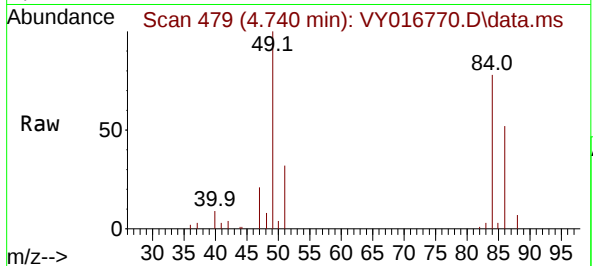


#20
Methylene Chloride
Concen: 6.505 ug/l
RT: 4.740 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY016770.D
Acq: 21 Dec 2023 20:31

Instrument :
MSVOA_Y
ClientSampleId :
COLY7

Tgt Ion: 84 Resp: 13768

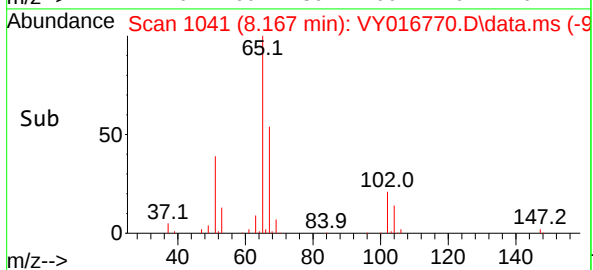
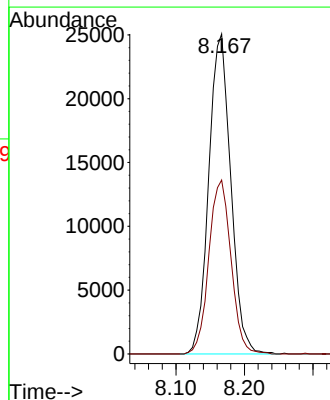
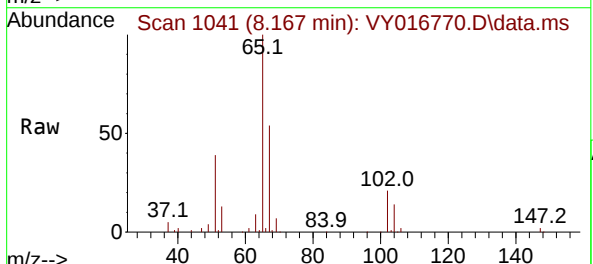
Ion	Ratio	Lower	Upper
84	100		
49	127.4	95.2	142.8
51	41.0	29.9	44.9
86	66.0	52.2	78.4

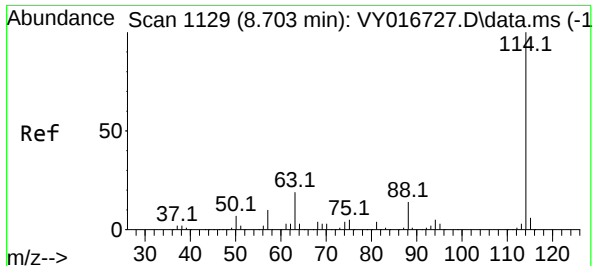


#33
1,2-Dichloroethane-d4
Concen: 51.804 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.012 min
Lab File: VY016770.D
Acq: 21 Dec 2023 20:31

Tgt Ion: 65 Resp: 55887

Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	109.0

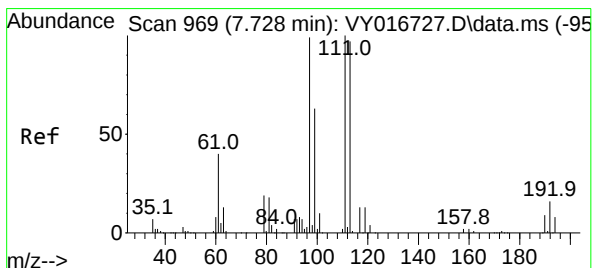
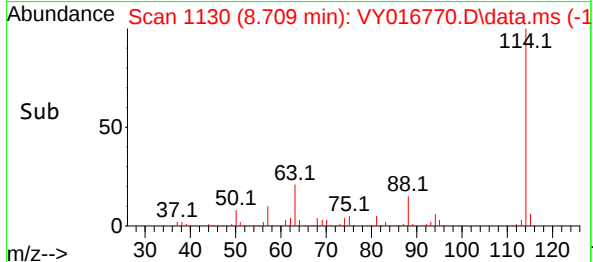
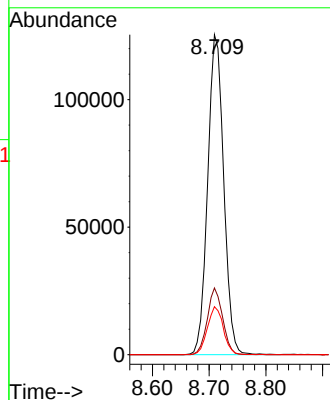
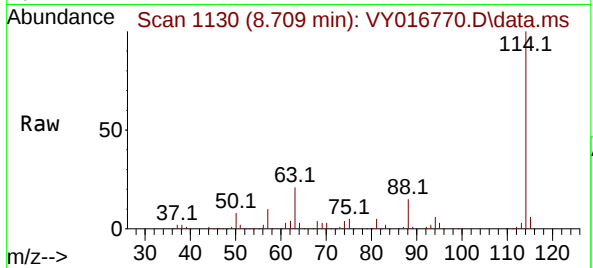




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.709 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY016770.D
Acq: 21 Dec 2023 20:31

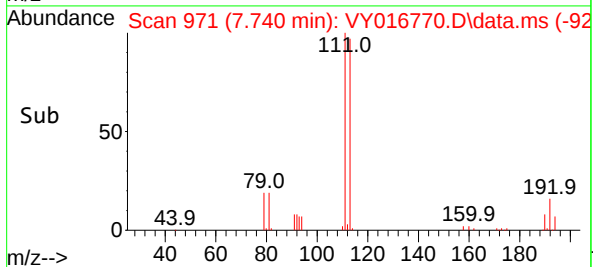
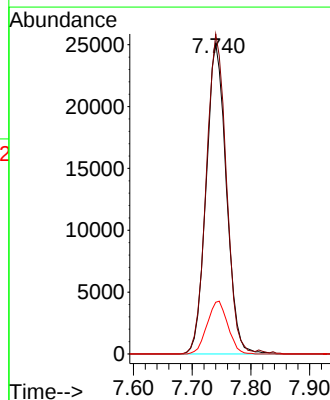
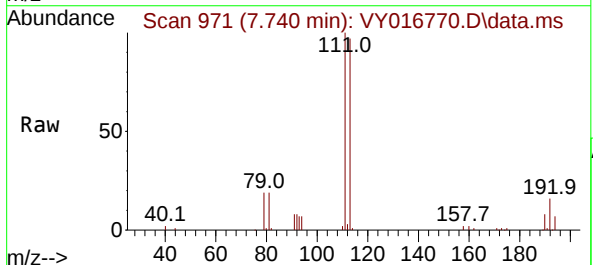
Instrument :
MSVOA_Y
ClientSampleId :
COLY7

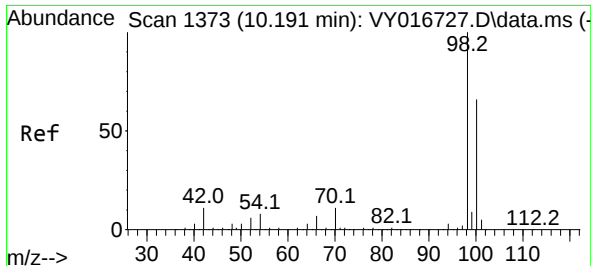
Tgt Ion:114 Resp: 246279
Ion Ratio Lower Upper
114 100
63 20.9 0.0 37.4
88 15.0 0.0 29.0



#35
Dibromofluoromethane
Concen: 42.460 ug/l
RT: 7.740 min Scan# 971
Delta R.T. 0.012 min
Lab File: VY016770.D
Acq: 21 Dec 2023 20:31

Tgt Ion:113 Resp: 59901
Ion Ratio Lower Upper
113 100
111 102.5 83.8 125.6
192 17.4 14.5 21.7





#50

Toluene-d8

Concen: 41.350 ug/l

RT: 10.197 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016770.D

Acq: 21 Dec 2023 20:31

Instrument :

MSVOA_Y

ClientSampleId :

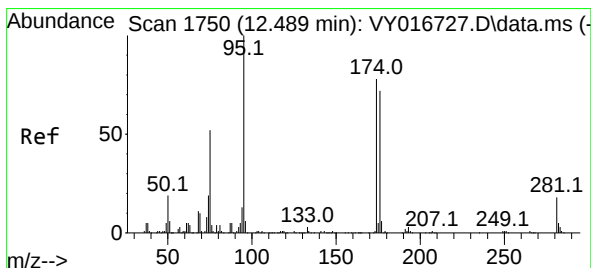
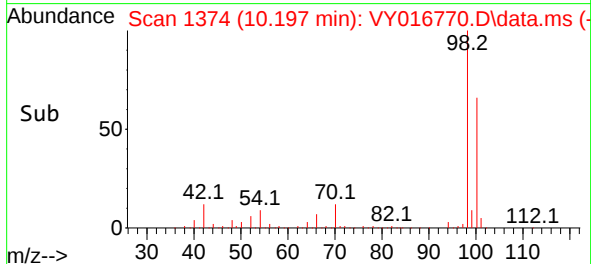
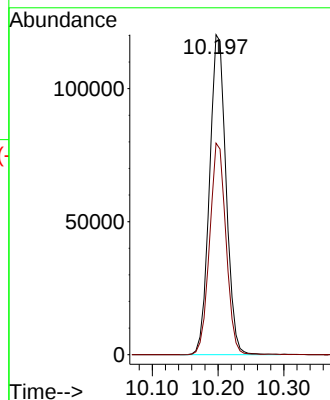
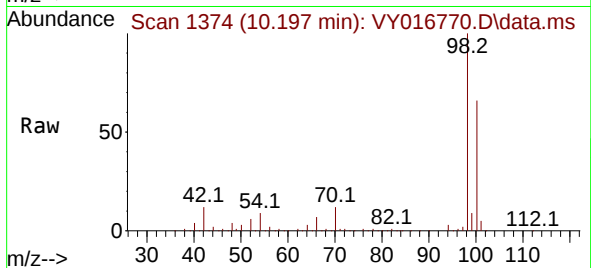
C0LY7

Tgt Ion: 98 Resp: 210288

Ion Ratio Lower Upper

98 100

100 65.4 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 40.387 ug/l

RT: 12.501 min Scan# 1752

Delta R.T. 0.012 min

Lab File: VY016770.D

Acq: 21 Dec 2023 20:31

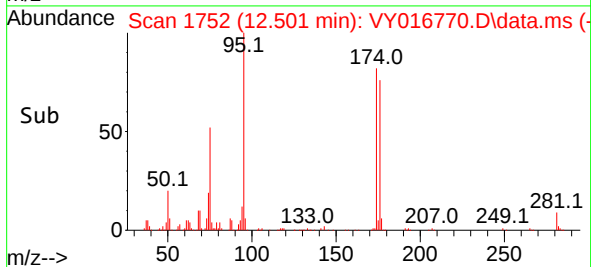
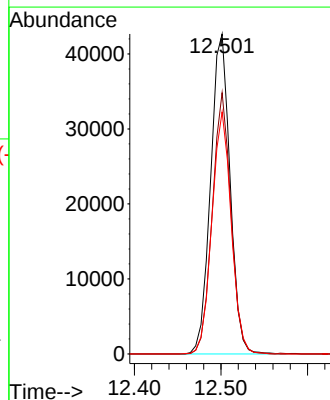
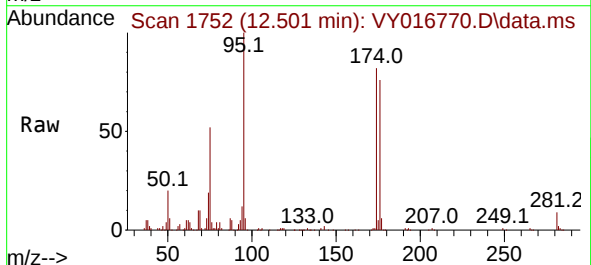
Tgt Ion: 95 Resp: 66635

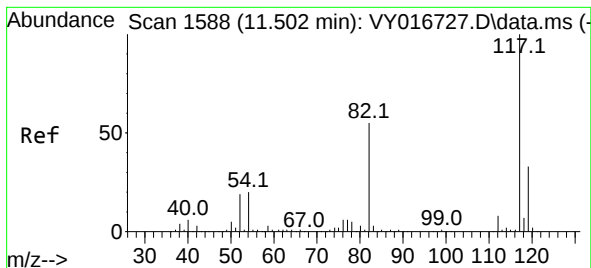
Ion Ratio Lower Upper

95 100

174 78.4 0.0 160.0

176 75.1 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: VY016770.D

Acq: 21 Dec 2023 20:31

Instrument :

MSVOA_Y

ClientSampleId :

C0LY7

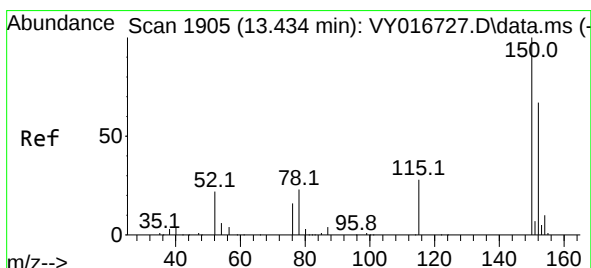
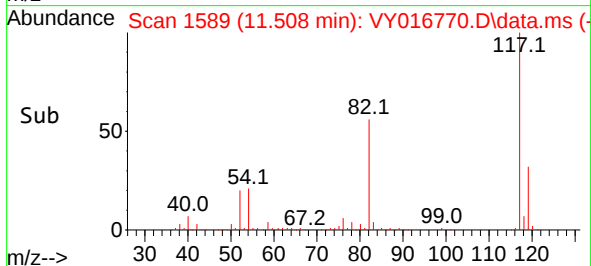
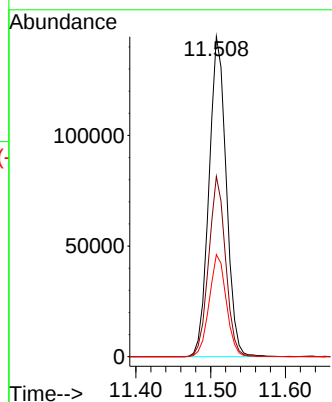
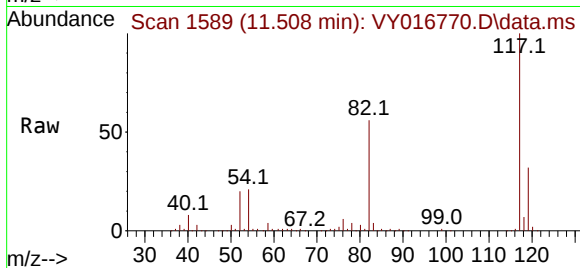
Tgt Ion:117 Resp: 232597

Ion Ratio Lower Upper

117 100

82 56.3 43.8 65.8

119 31.9 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: VY016770.D

Acq: 21 Dec 2023 20:31

Tgt Ion:152 Resp: 85390

Ion Ratio Lower Upper

152 100

115 60.5 30.0 90.0

150 158.6 0.0 344.6

