

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
 Data File : VY016818.D
 Acq On : 22 Dec 2023 19:07
 Operator : SY/MD
 Sample : 05879-14
 Misc : 3.54g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COM17

Quant Time: Dec 22 23:04:02 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)

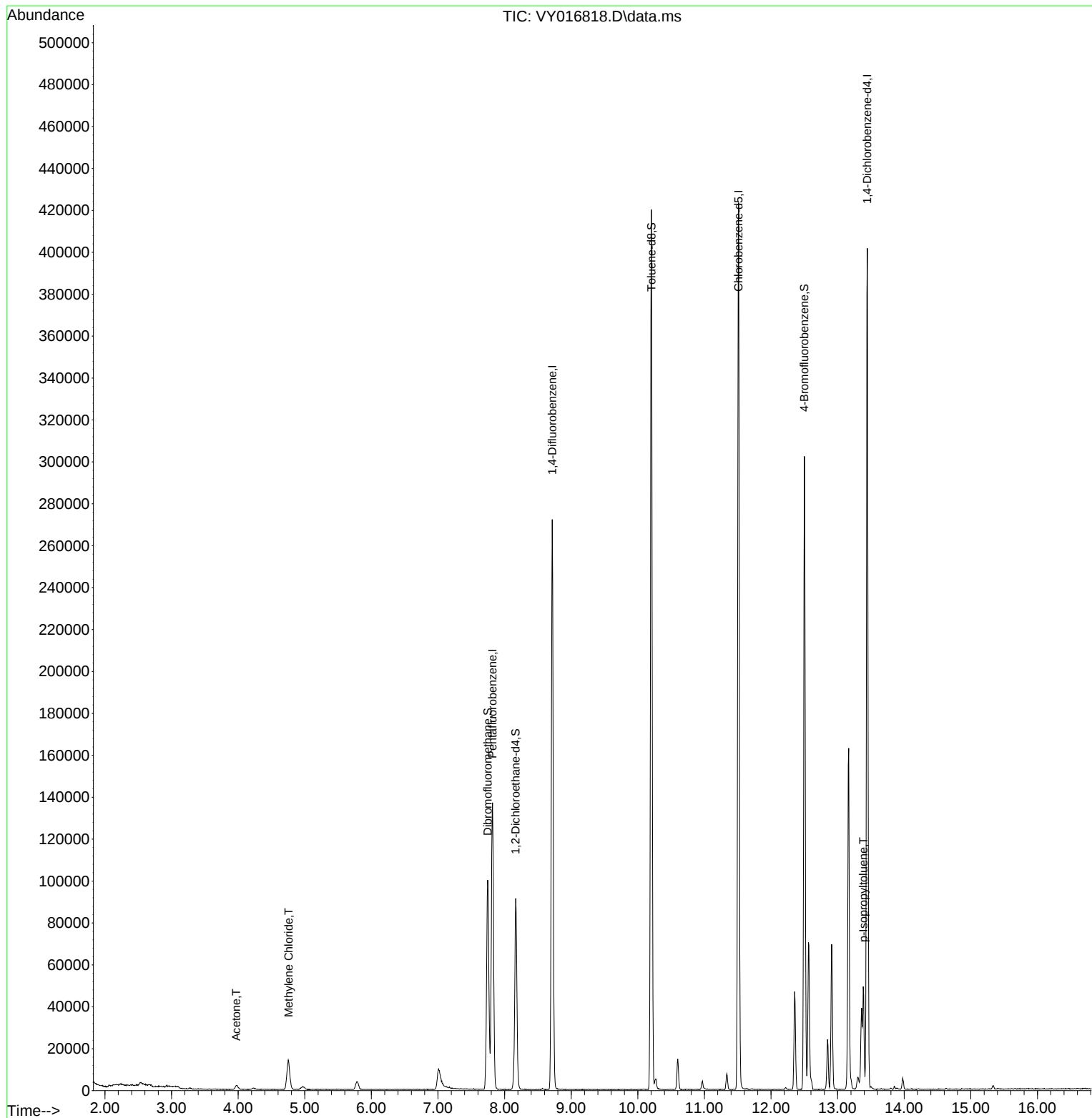
Internal Standards						
1) Pentafluorobenzene	7.819	168	104229	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	228441	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	232627	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	95612	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	68411	71.898	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	143.800%
35) Dibromofluoromethane	7.746	113	73297	56.013	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.020%
50) Toluene-d8	10.203	98	266234	56.438	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.880%
62) 4-Bromofluorobenzene	12.501	95	89474	58.464	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	116.920%
Target Compounds						
					Qvalue	
16) Acetone	3.972	43	3806	14.792	ug/l	91
20) Methylene Chloride	4.759	84	10572	5.282	ug/l	98
86) p-Isopropyltoluene	13.385	119	24997	3.952	ug/l #	88

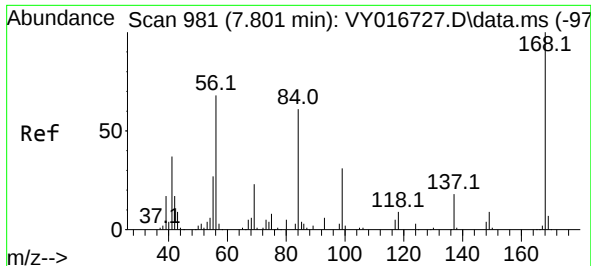
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
Data File : VY016818.D
Acq On : 22 Dec 2023 19:07
Operator : SY/MD
Sample : 05879-14
Misc : 3.54g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
COM17

Quant Time: Dec 22 23:04:02 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

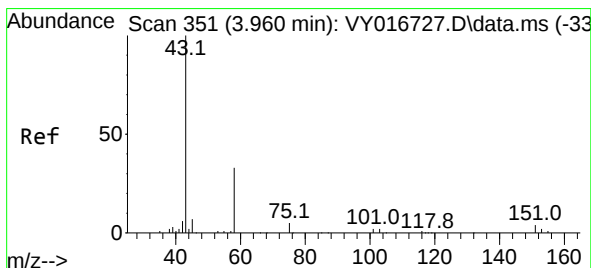
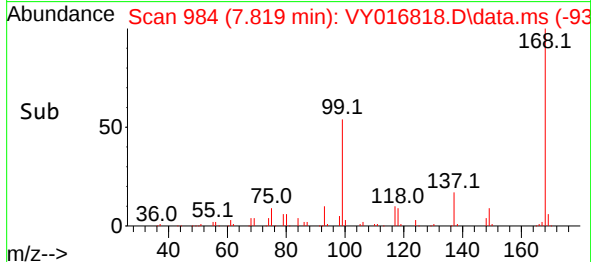
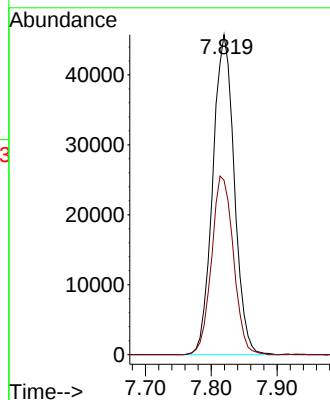
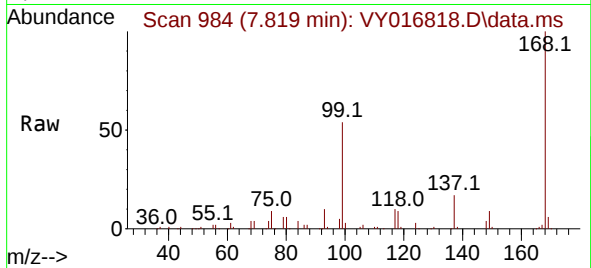




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY016818.D
Acq: 22 Dec 2023 19:07

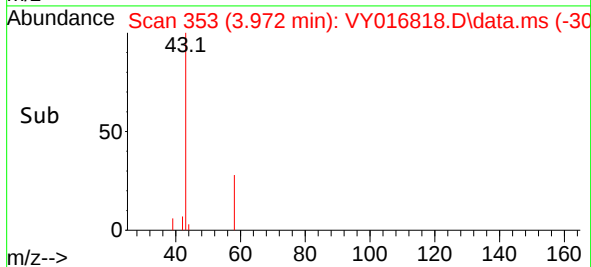
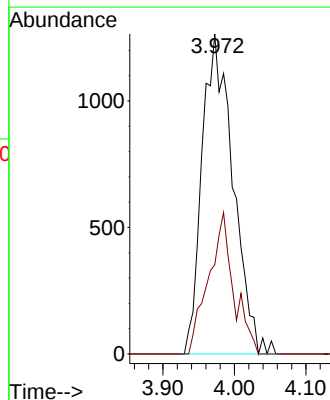
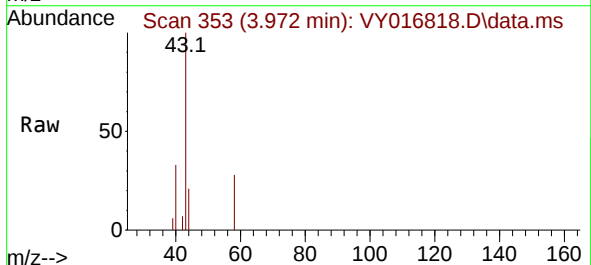
Instrument :
MSVOA_Y
ClientSampleId :
COM17

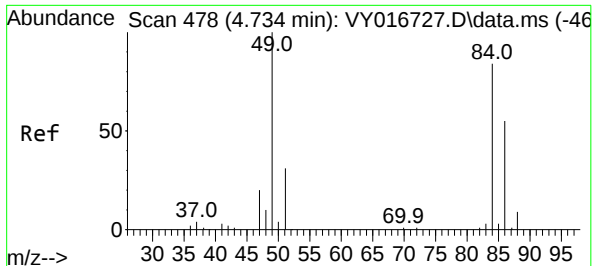
Tgt Ion:168 Resp: 104229
Ion Ratio Lower Upper
168 100
99 54.5 44.2 66.4



#16
Acetone
Concen: 14.792 ug/l
RT: 3.972 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY016818.D
Acq: 22 Dec 2023 19:07

Tgt Ion: 43 Resp: 3806
Ion Ratio Lower Upper
43 100
58 27.8 26.6 39.8

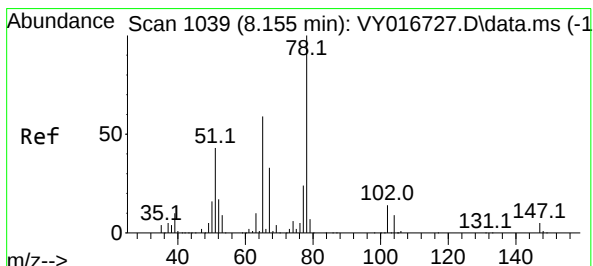
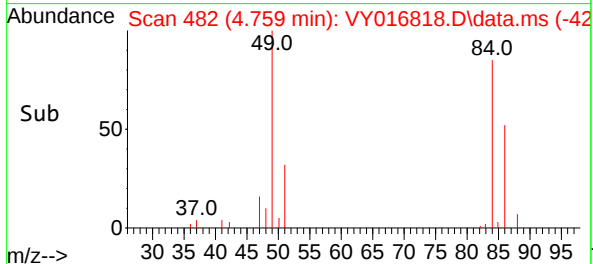
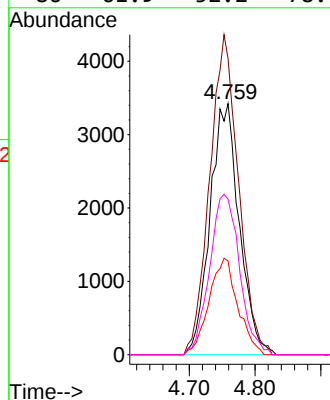
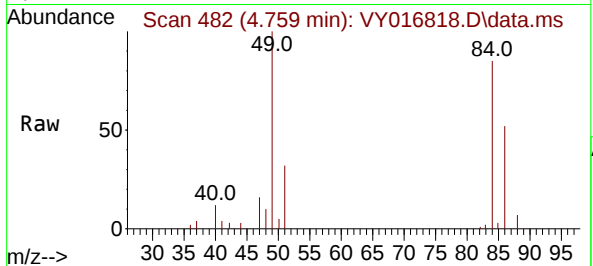




#20
Methylene Chloride
Concen: 5.282 ug/l
RT: 4.759 min Scan# 41
Delta R.T. 0.025 min
Lab File: VY016818.D
Acq: 22 Dec 2023 19:07

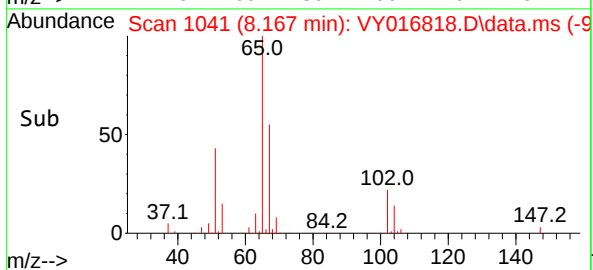
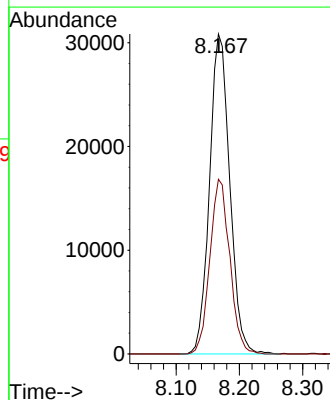
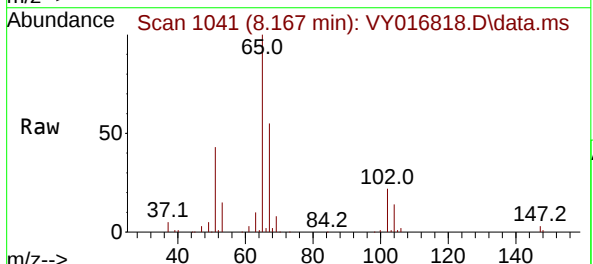
Instrument :
MSVOA_Y
ClientSampleId :
COM17

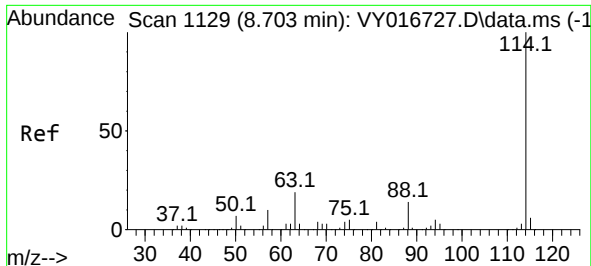
Tgt Ion: 84	Resp: 10572
Ion Ratio	Lower Upper
84 100	
49 118.0	95.2 142.8
51 37.3	29.9 44.9
86 61.9	52.2 78.4



#33
1,2-Dichloroethane-d4
Concen: 71.898 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.012 min
Lab File: VY016818.D
Acq: 22 Dec 2023 19:07

Tgt Ion: 65	Resp: 68411
Ion Ratio	Lower Upper
65 100	
67 53.7	0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1129

Delta R.T. 0.013 min

Lab File: VY016818.D

Acq: 22 Dec 2023 19:07

Instrument :

MSVOA_Y

ClientSampleId :

COM17

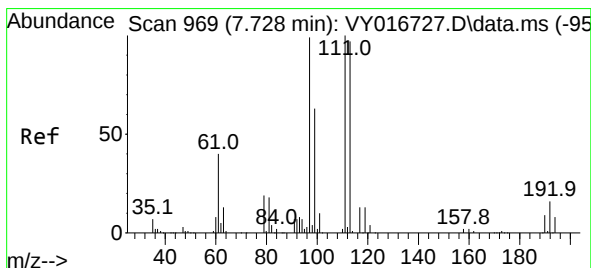
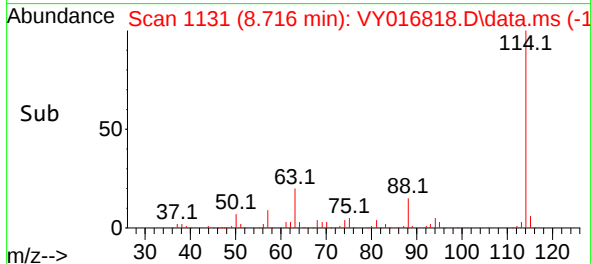
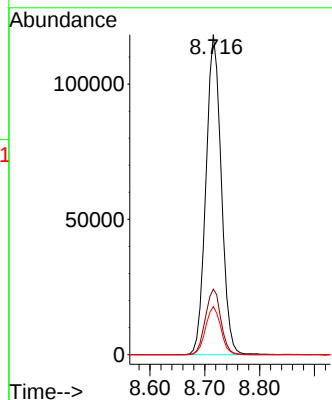
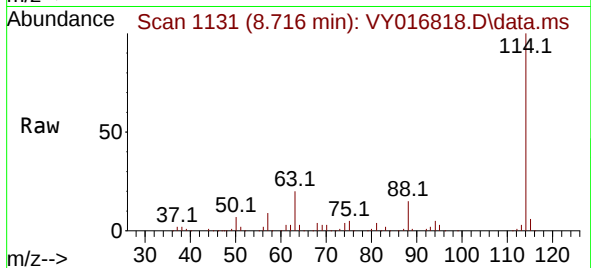
Tgt Ion:114 Resp: 228441

Ion Ratio Lower Upper

114 100

63 20.4 0.0 37.4

88 15.0 0.0 29.0



#35

Dibromofluoromethane

Concen: 56.013 ug/l

RT: 7.746 min Scan# 972

Delta R.T. 0.018 min

Lab File: VY016818.D

Acq: 22 Dec 2023 19:07

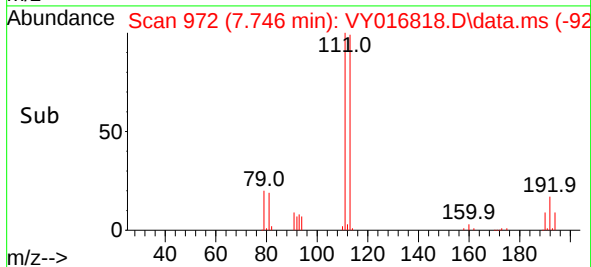
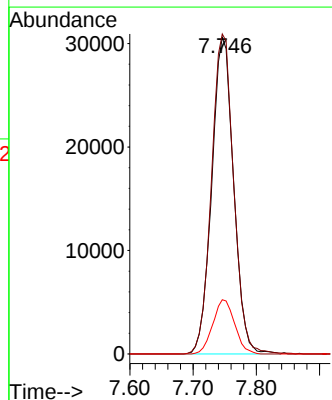
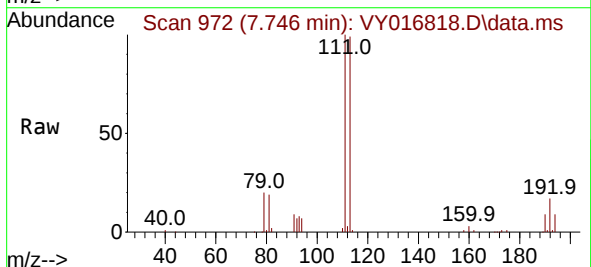
Tgt Ion:113 Resp: 73297

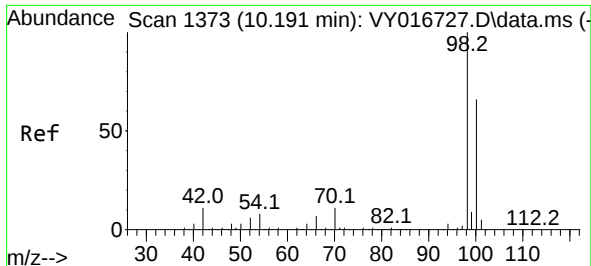
Ion Ratio Lower Upper

113 100

111 102.5 83.8 125.6

192 17.2 14.5 21.7

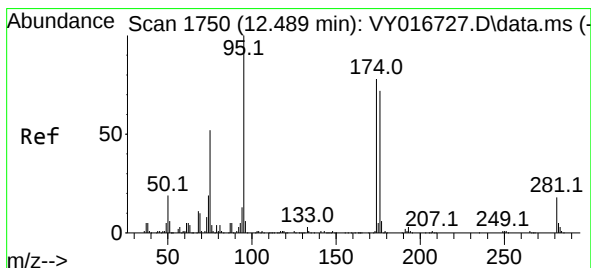
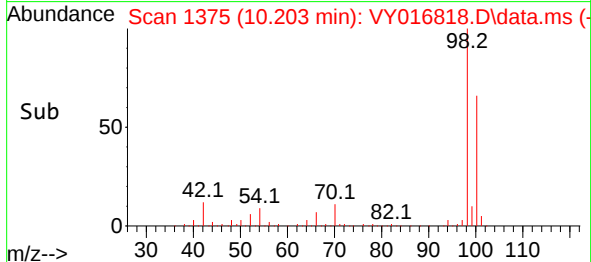
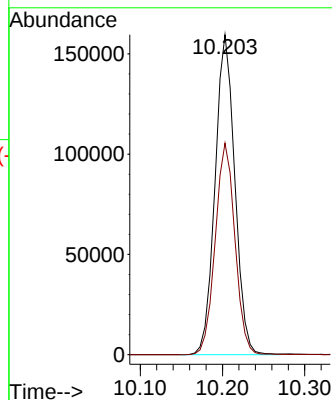
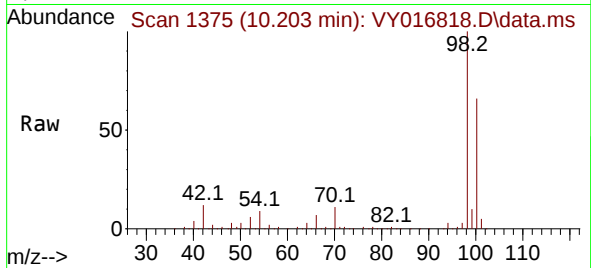




#50
Toluene-d8
Concen: 56.438 ug/l
RT: 10.203 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016818.D
Acq: 22 Dec 2023 19:07

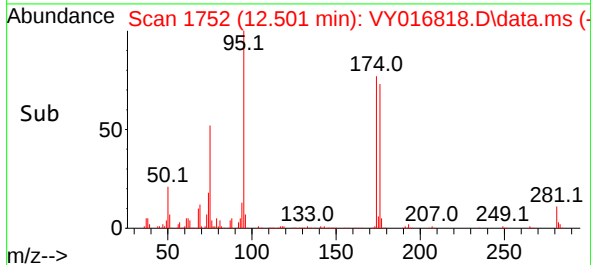
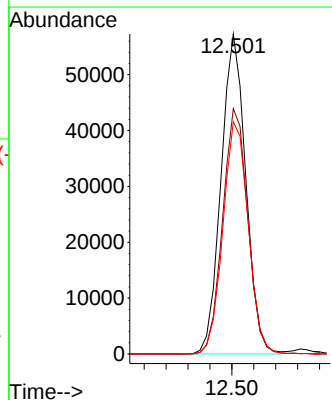
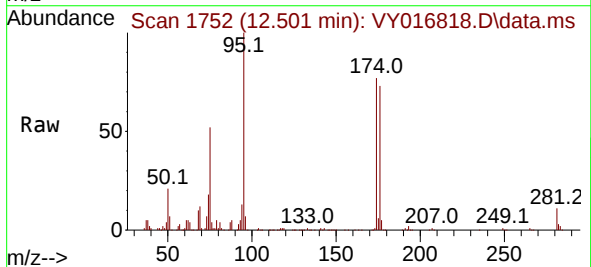
Instrument :
MSVOA_Y
ClientSampleId :
COM17

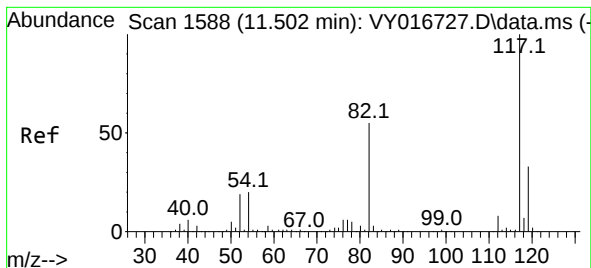
Tgt Ion: 98 Resp: 266234
Ion Ratio Lower Upper
98 100
100 66.0 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 58.464 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY016818.D
Acq: 22 Dec 2023 19:07

Tgt Ion: 95 Resp: 89474
Ion Ratio Lower Upper
95 100
174 78.3 0.0 160.0
176 74.4 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016818.D

Acq: 22 Dec 2023 19:07

Instrument :

MSVOA_Y

ClientSampleId :

COM17

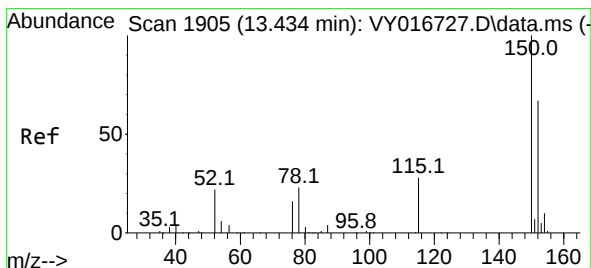
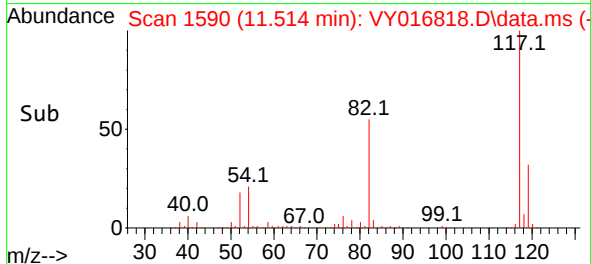
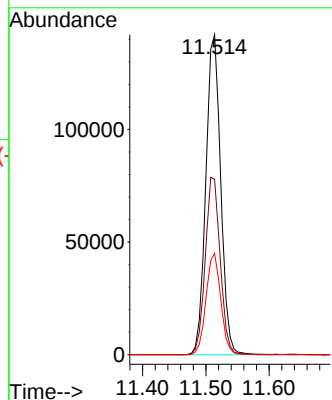
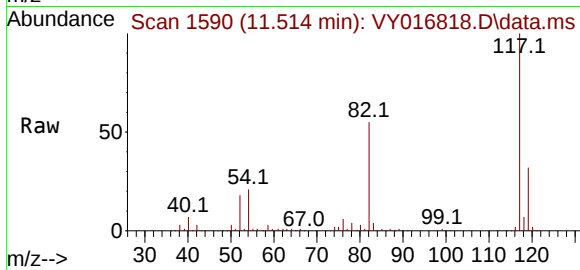
Tgt Ion:117 Resp: 232627

Ion Ratio Lower Upper

117 100

82 54.8 43.8 65.8

119 31.6 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.012 min

Lab File: VY016818.D

Acq: 22 Dec 2023 19:07

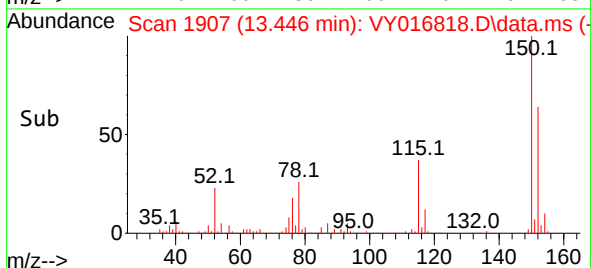
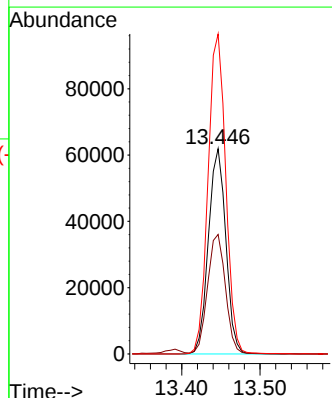
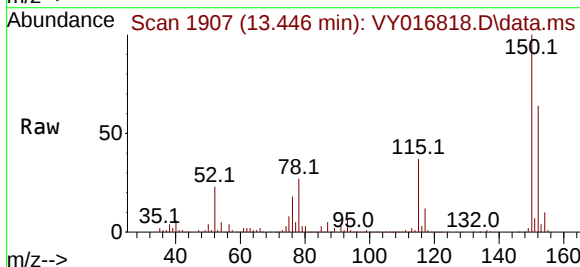
Tgt Ion:152 Resp: 95612

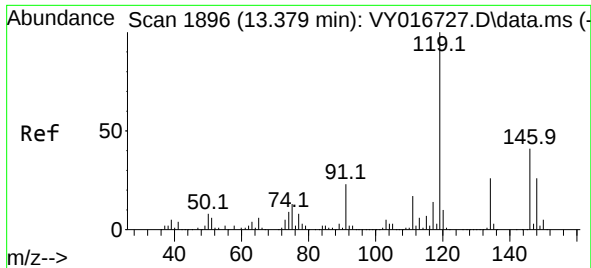
Ion Ratio Lower Upper

152 100

115 60.0 30.0 90.0

150 158.2 0.0 344.6





#86
 p-Isopropyltoluene
 Concen: 3.952 ug/l
 RT: 13.385 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY016818.D
 Acq: 22 Dec 2023 19:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 COM17

Tgt Ion:119	Resp:	24997
Ion	Ratio	Lower Upper
119	100	
134	26.4	13.1 39.1
91	35.2	11.7 35.0#

