

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
 Data File : VY016817.D
 Acq On : 22 Dec 2023 18:44
 Operator : SY/MD
 Sample : 05877-23
 Misc : 4.98g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COM62

Quant Time: Dec 22 23:03:38 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)

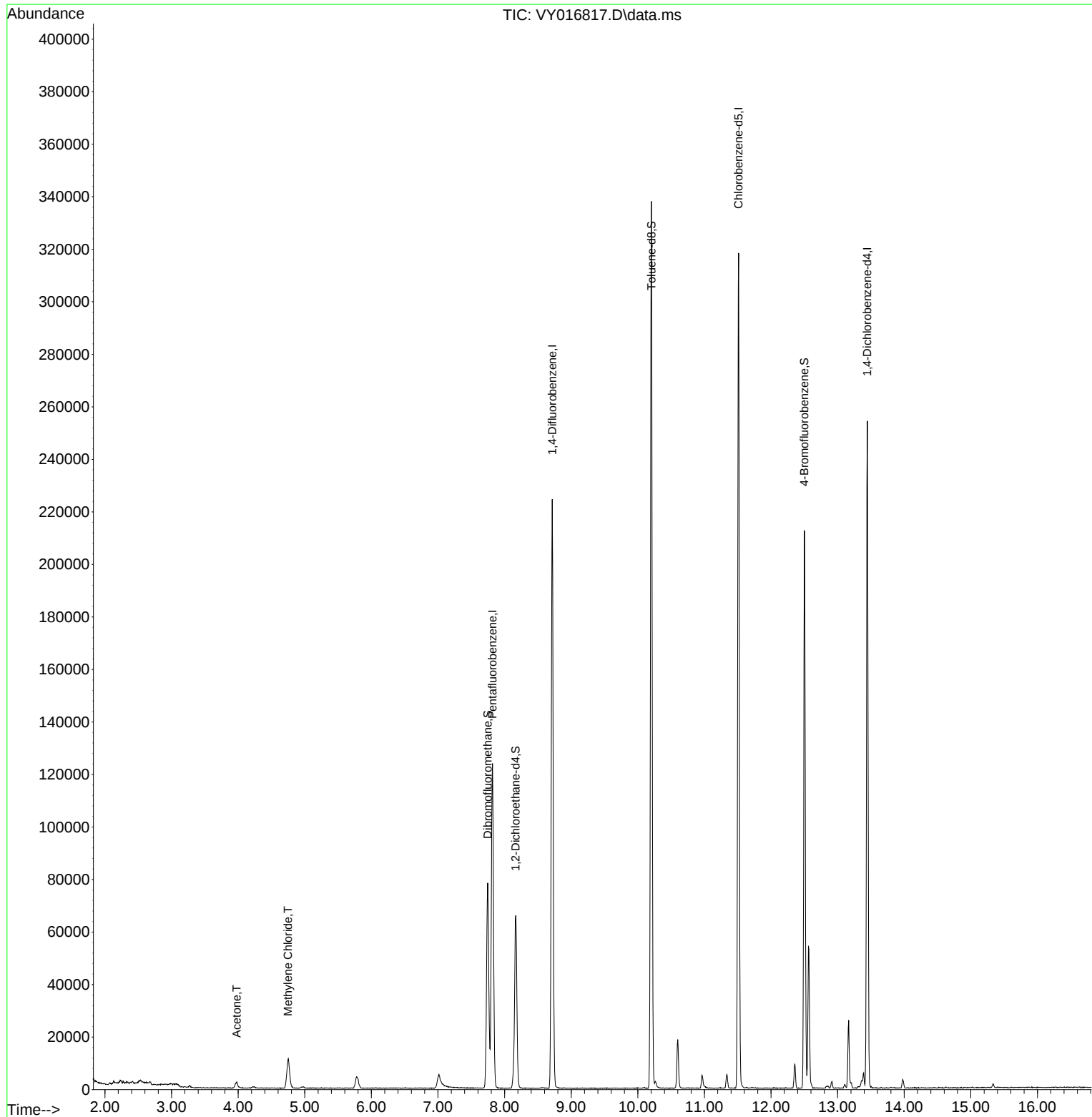
Internal Standards						
1) Pentafluorobenzene	7.819	168	91945	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.715	114	188758	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	174424	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	64362	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	50378	60.020	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.040%
35) Dibromofluoromethane	7.746	113	55576	51.400	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.800%
50) Toluene-d8	10.203	98	216188	55.464	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.920%
62) 4-Bromofluorobenzene	12.501	95	61960	48.997	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.000%
Target Compounds						
						Qvalue
16) Acetone	3.978	43	4347	19.152	ug/l	# 88
20) Methylene Chloride	4.747	84	8151	4.248	ug/l	95

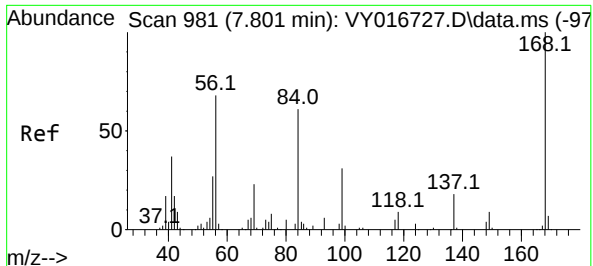
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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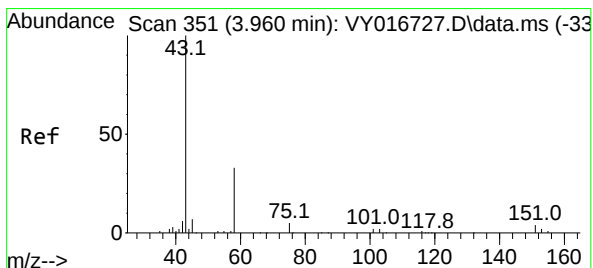
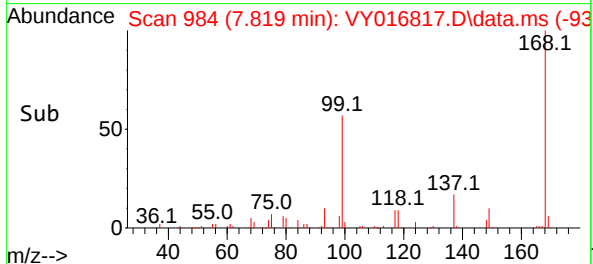
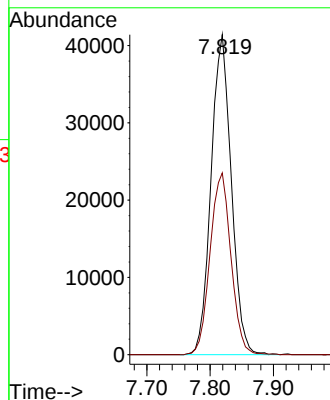
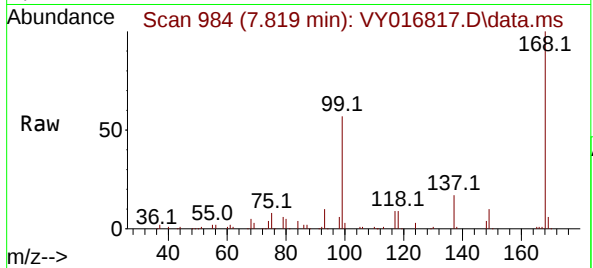




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY016817.D
Acq: 22 Dec 2023 18:44

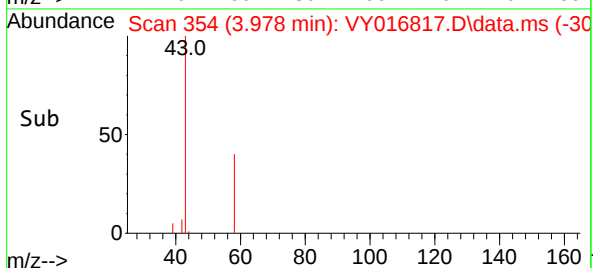
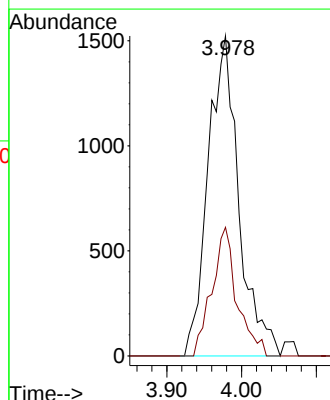
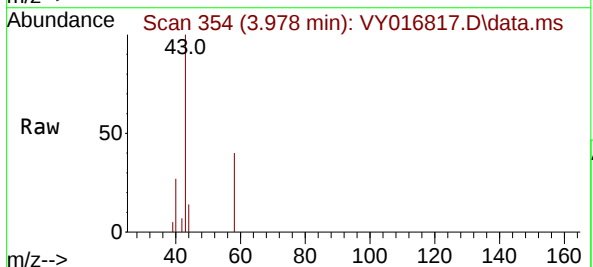
Instrument :
MSVOA_Y
ClientSampleId :
COM62

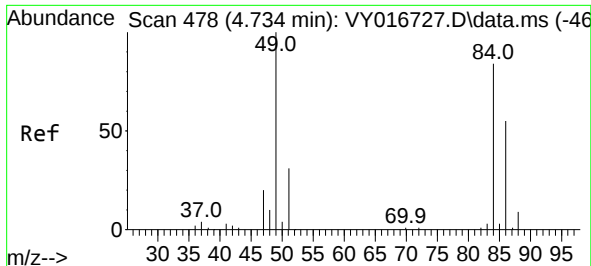
Tgt Ion:168 Resp: 91945
Ion Ratio Lower Upper
168 100
99 56.8 44.2 66.4



#16
Acetone
Concen: 19.152 ug/l
RT: 3.978 min Scan# 354
Delta R.T. 0.018 min
Lab File: VY016817.D
Acq: 22 Dec 2023 18:44

Tgt Ion: 43 Resp: 4347
Ion Ratio Lower Upper
43 100
58 40.2 26.6 39.8#

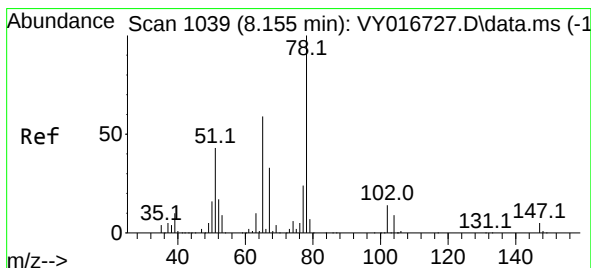
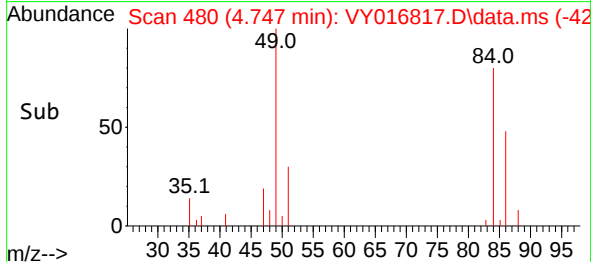
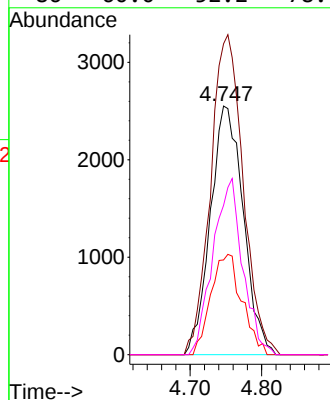
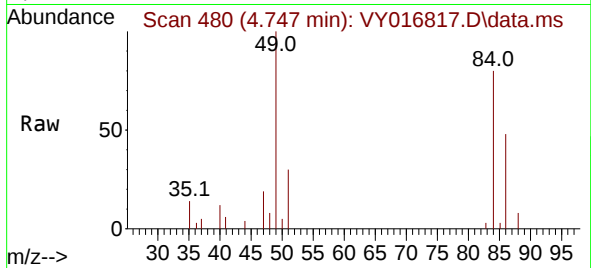




#20
Methylene Chloride
Concen: 4.248 ug/l
RT: 4.747 min Scan# 41
Delta R.T. 0.013 min
Lab File: VY016817.D
Acq: 22 Dec 2023 18:44

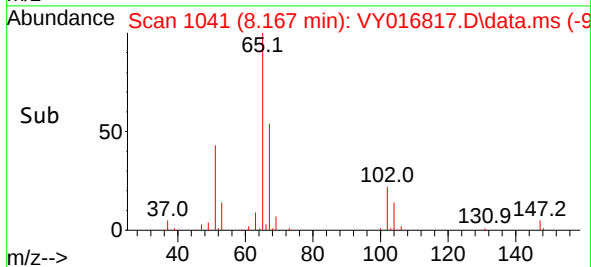
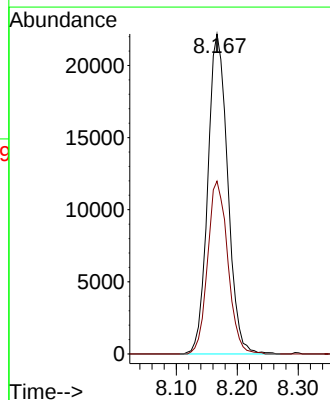
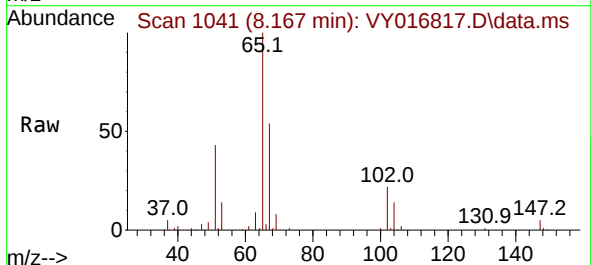
Instrument :
MSVOA_Y
ClientSampleId :
COM62

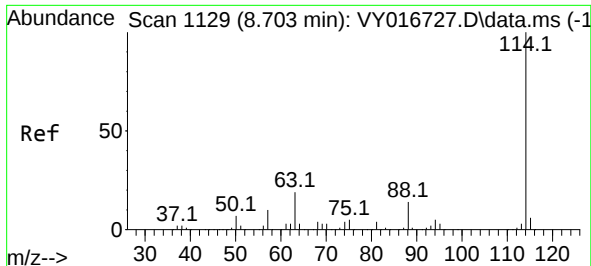
Tgt Ion: 84	Resp: 8151
Ion Ratio	Lower Upper
84 100	
49 125.0	95.2 142.8
51 38.0	29.9 44.9
86 60.0	52.2 78.4



#33
1,2-Dichloroethane-d4
Concen: 60.020 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.012 min
Lab File: VY016817.D
Acq: 22 Dec 2023 18:44

Tgt Ion: 65	Resp: 50378
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: VY016817.D

Acq: 22 Dec 2023 18:44

Instrument :

MSVOA_Y

ClientSampleId :

COM62

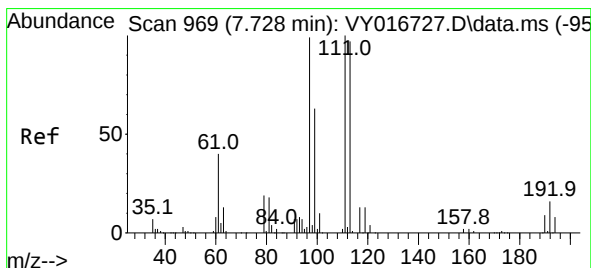
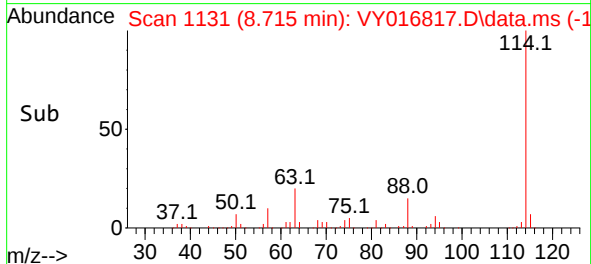
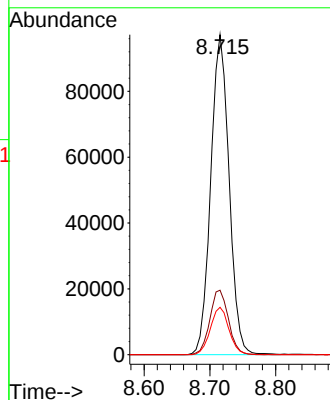
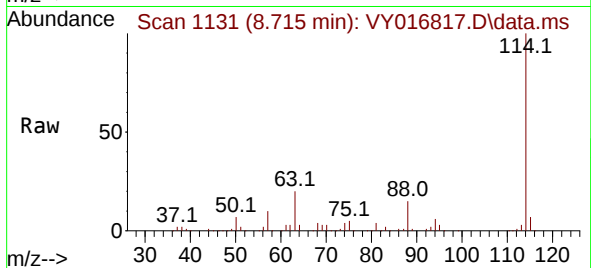
Tgt Ion:114 Resp: 188758

Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.4

88 14.8 0.0 29.0



#35

Dibromofluoromethane

Concen: 51.400 ug/l

RT: 7.746 min Scan# 972

Delta R.T. 0.018 min

Lab File: VY016817.D

Acq: 22 Dec 2023 18:44

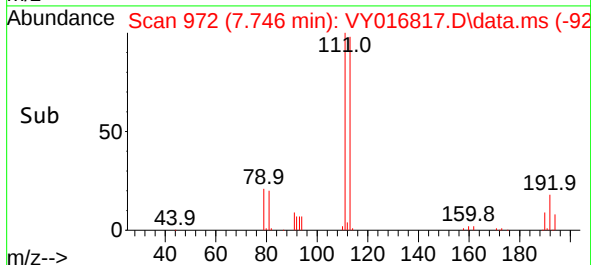
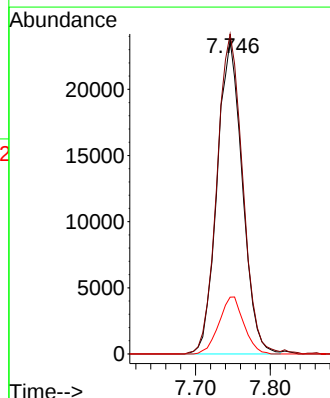
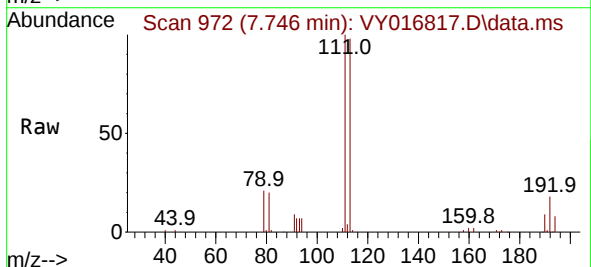
Tgt Ion:113 Resp: 55576

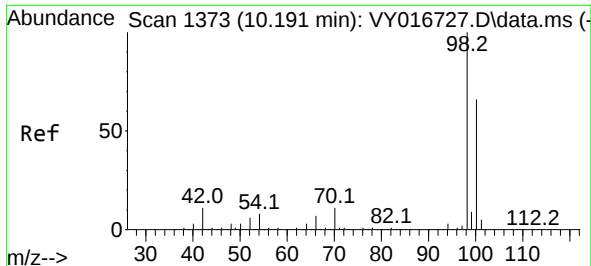
Ion Ratio Lower Upper

113 100

111 104.5 83.8 125.6

192 17.9 14.5 21.7

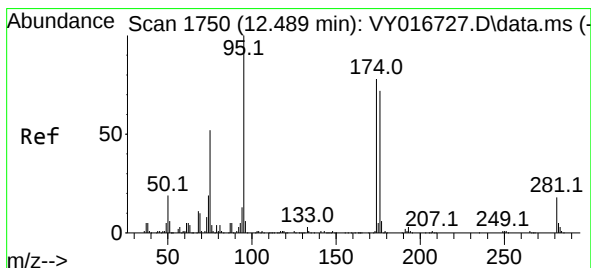
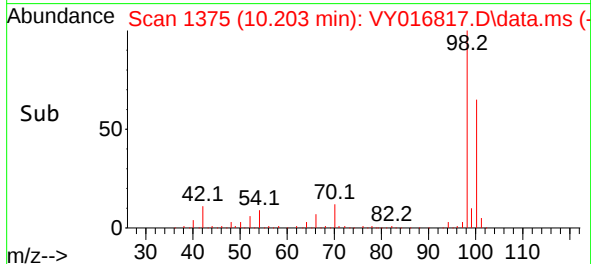
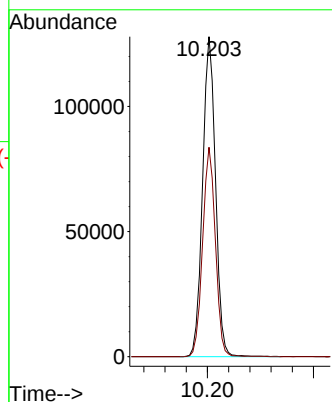
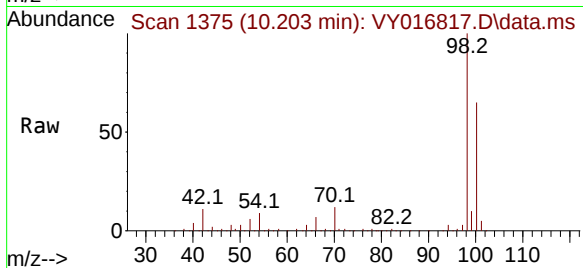




#50
Toluene-d8
Concen: 55.464 ug/l
RT: 10.203 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016817.D
Acq: 22 Dec 2023 18:44

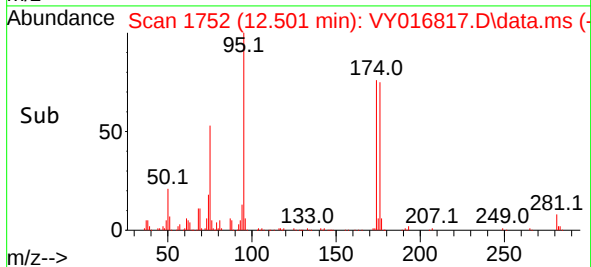
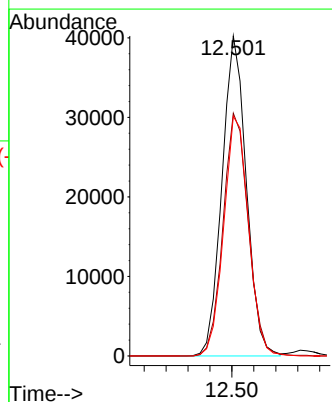
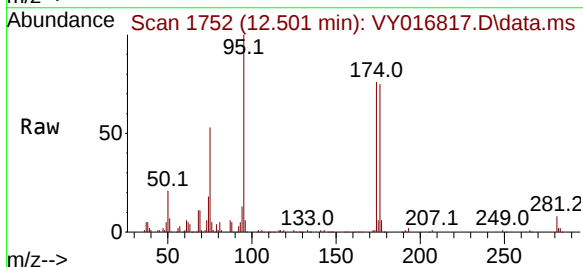
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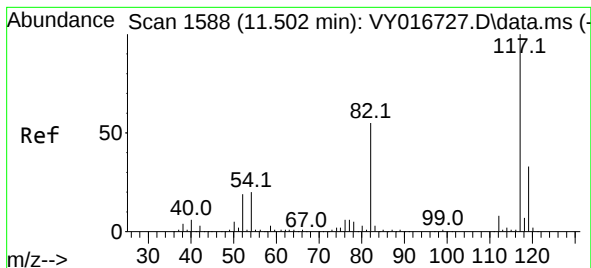
Tgt Ion: 98 Resp: 216188
Ion Ratio Lower Upper
98 100
100 64.7 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 48.997 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY016817.D
Acq: 22 Dec 2023 18:44

Tgt Ion: 95 Resp: 61960
Ion Ratio Lower Upper
95 100
174 78.5 0.0 160.0
176 76.4 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: VY016817.D

Acq: 22 Dec 2023 18:44

Instrument :

MSVOA_Y

ClientSampleId :

COM62

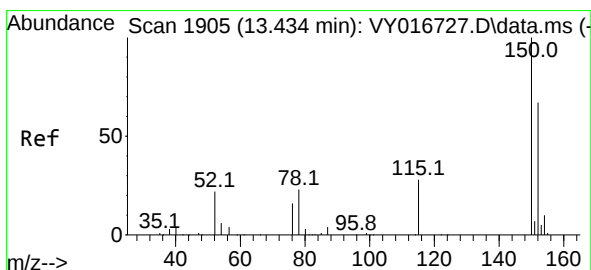
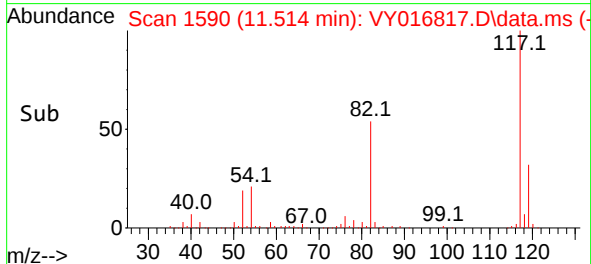
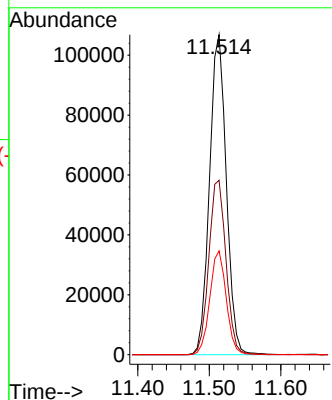
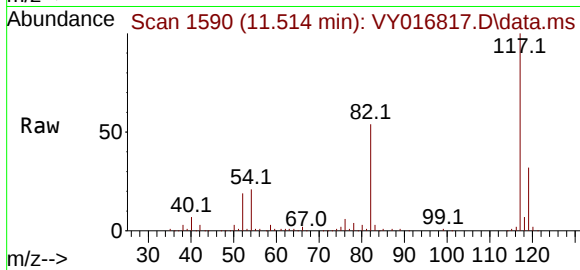
Tgt Ion:117 Resp: 174424

Ion Ratio Lower Upper

117 100

82 54.5 43.8 65.8

119 32.4 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: VY016817.D

Acq: 22 Dec 2023 18:44

Tgt Ion:152 Resp: 64362

Ion Ratio Lower Upper

152 100

115 60.0 30.0 90.0

150 158.4 0.0 344.6

