

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
 Data File : VY016808.D
 Acq On : 22 Dec 2023 15:13
 Operator : SY/MD
 Sample : 05877-09
 Misc : 2.65g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COM38

Quant Time: Dec 22 23:00:16 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)

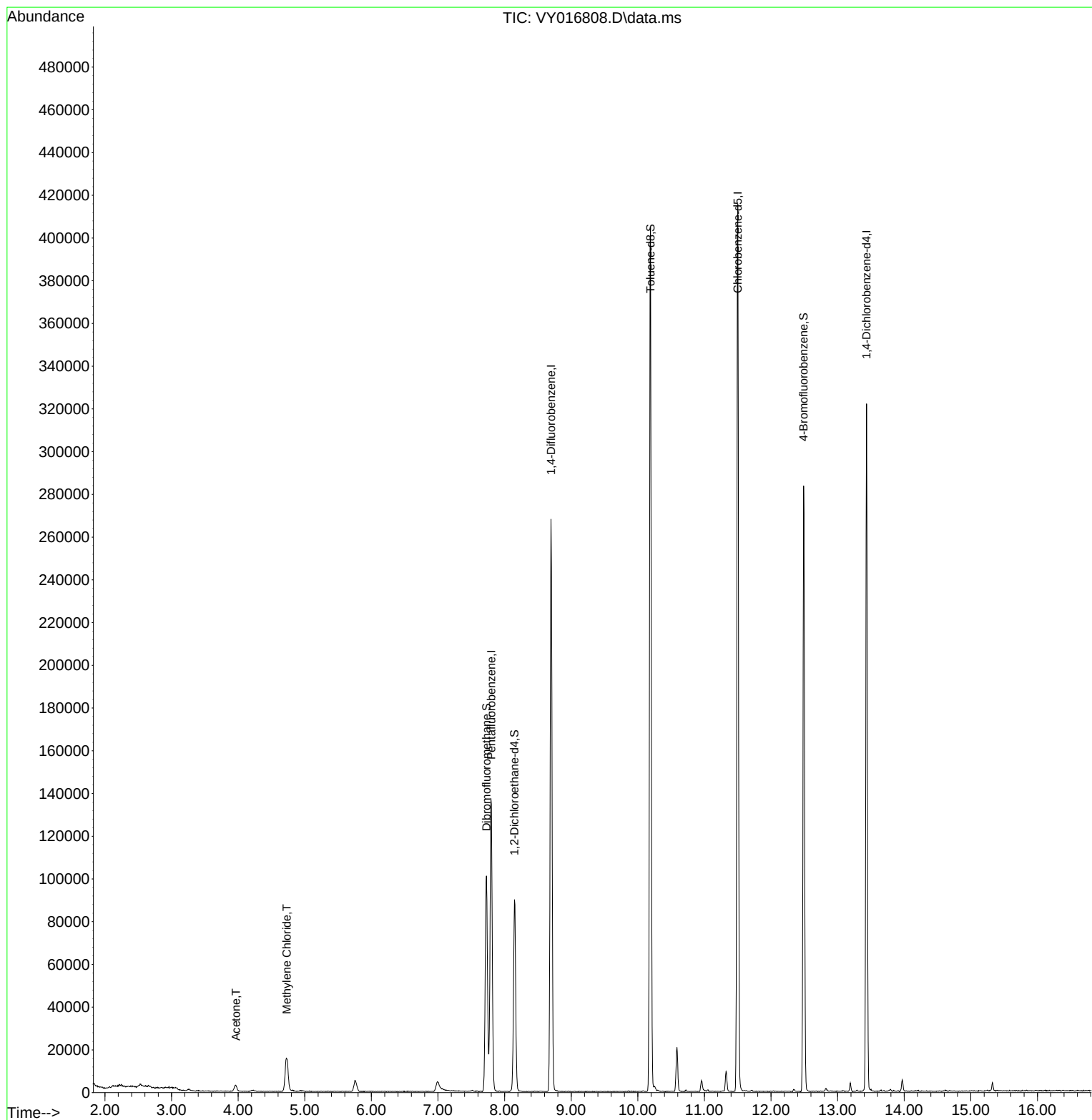
Internal Standards						
1) Pentafluorobenzene	7.801	168	103285	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	227821	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	226833	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	79379	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	68252	72.387	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 144.780%	
35) Dibromofluoromethane	7.728	113	73909	56.635	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.260%	
50) Toluene-d8	10.191	98	267233	56.804	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.600%	
62) 4-Bromofluorobenzene	12.489	95	82812	54.258	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.520%	
Target Compounds						
					Qvalue	
16) Acetone	3.966	43	5729	22.470	ug/l	96
20) Methylene Chloride	4.728	84	12267	6.689	ug/l	97

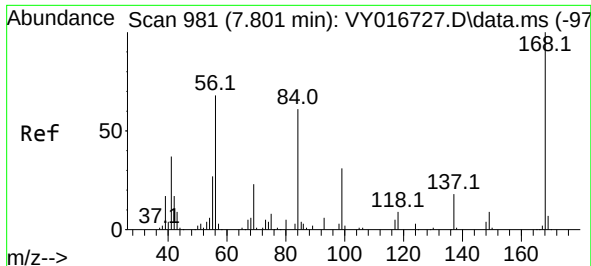
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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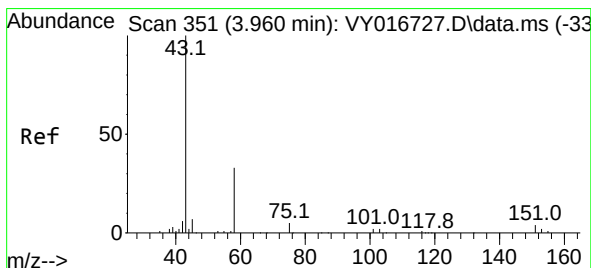
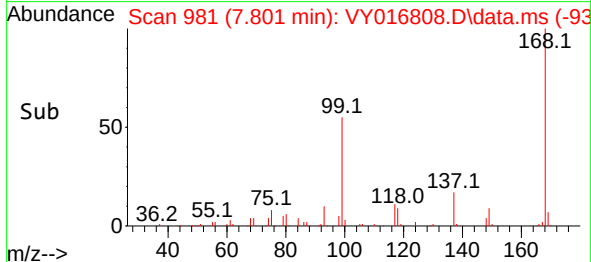
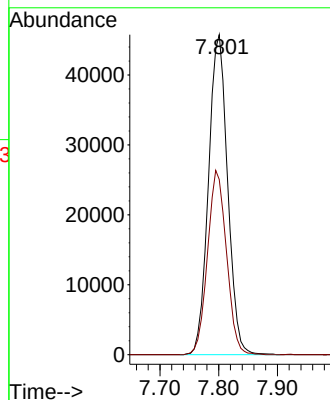
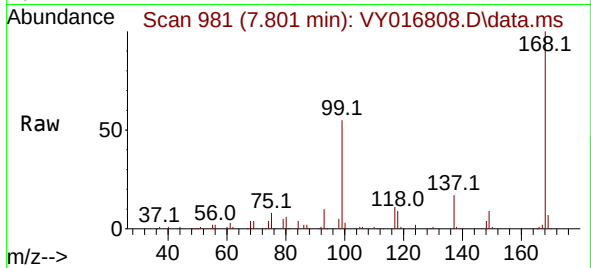




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016808.D
Acq: 22 Dec 2023 15:13

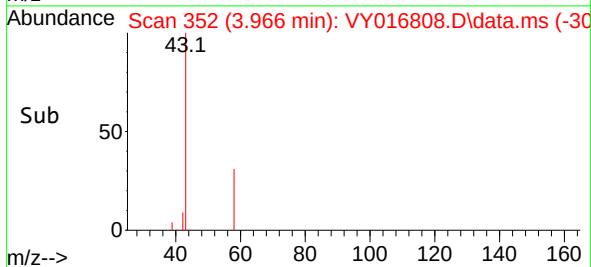
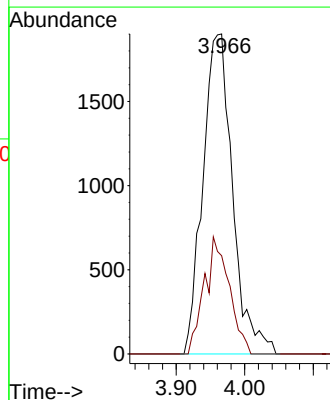
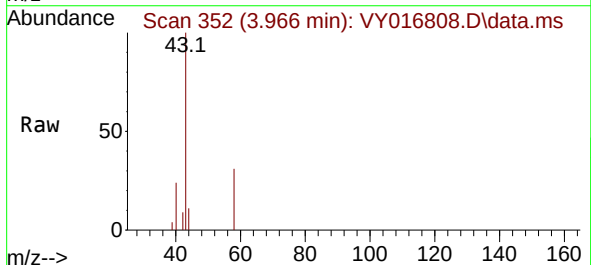
Instrument :
MSVOA_Y
ClientSampleId :
COM38

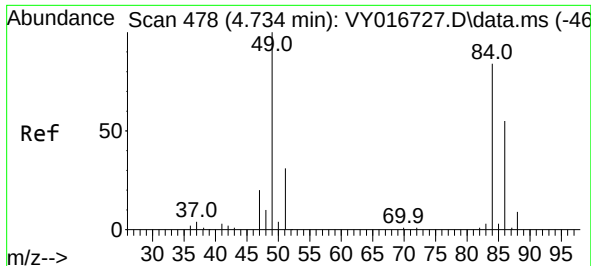
Tgt Ion:168 Resp: 103285
Ion Ratio Lower Upper
168 100
99 54.8 44.2 66.4



#16
Acetone
Concen: 22.470 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY016808.D
Acq: 22 Dec 2023 15:13

Tgt Ion: 43 Resp: 5729
Ion Ratio Lower Upper
43 100
58 30.7 26.6 39.8

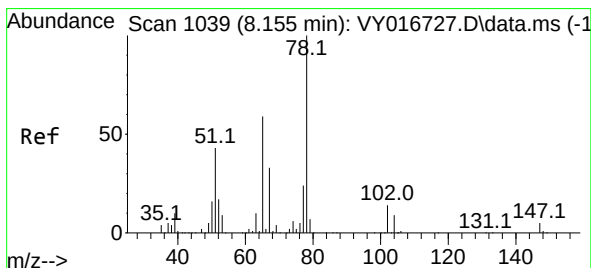
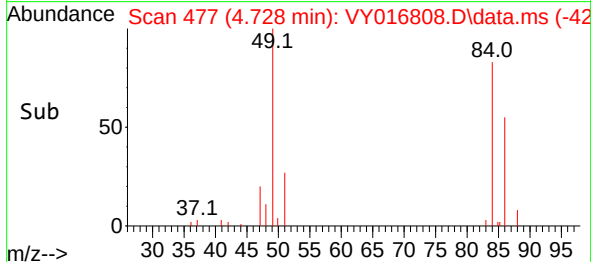
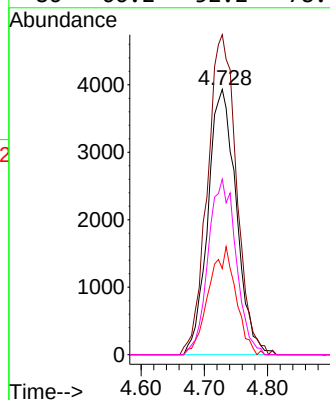
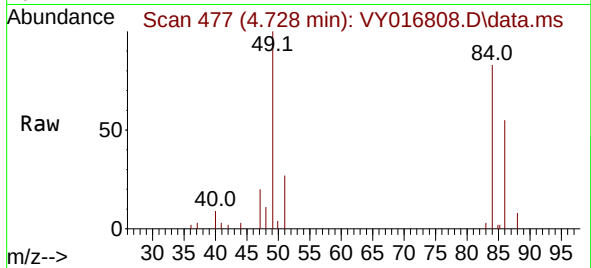




#20
Methylene Chloride
Concen: 6.689 ug/l
RT: 4.728 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY016808.D
Acq: 22 Dec 2023 15:13

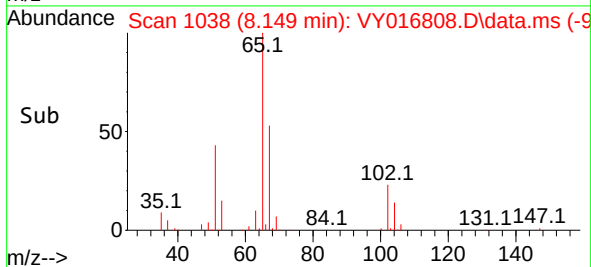
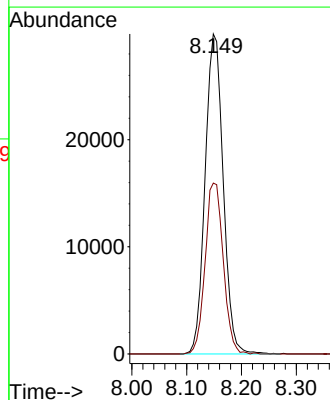
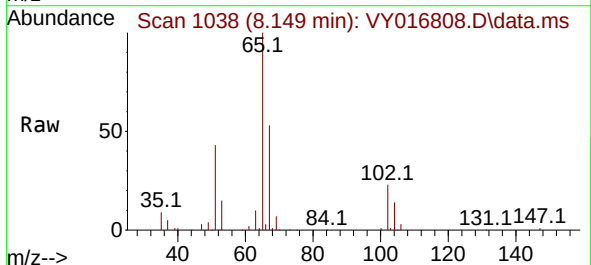
Instrument :
MSVOA_Y
ClientSampleId :
COM38

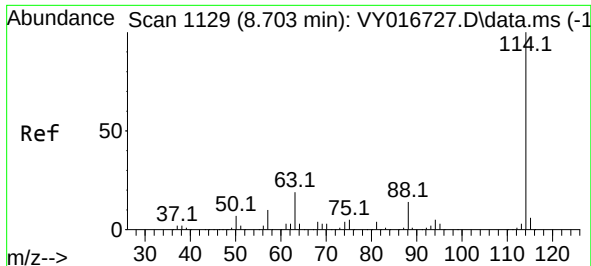
Tgt Ion:	84	Resp:	12267
Ion	Ratio	Lower	Upper
84	100		
49	120.7	95.2	142.8
51	32.4	29.9	44.9
86	66.2	52.2	78.4



#33
1,2-Dichloroethane-d4
Concen: 72.387 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY016808.D
Acq: 22 Dec 2023 15:13

Tgt Ion:	65	Resp:	68252
Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016808.D

Acq: 22 Dec 2023 15:13

Instrument :

MSVOA_Y

ClientSampleId :

COM38

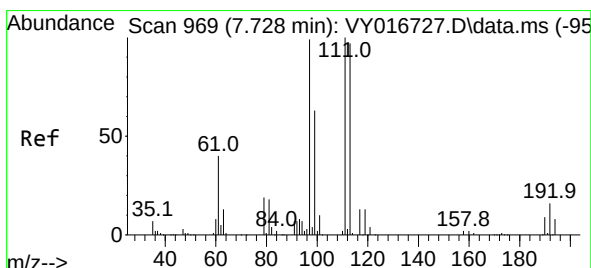
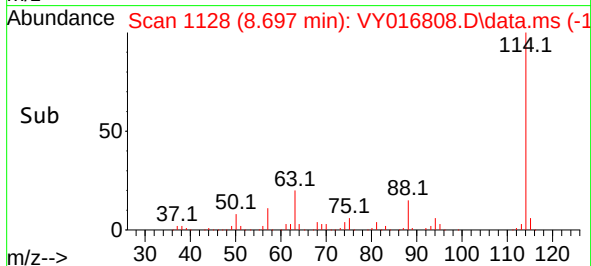
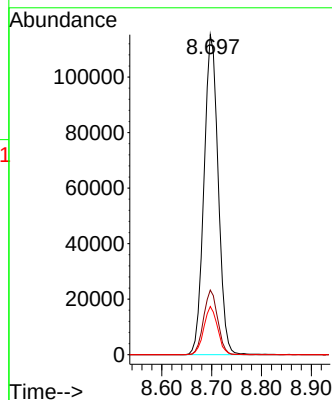
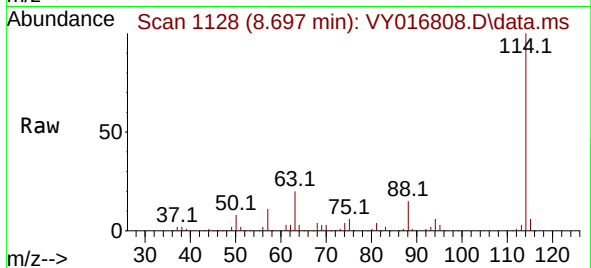
Tgt Ion:114 Resp: 227821

Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.4

88 15.1 0.0 29.0



#35

Dibromofluoromethane

Concen: 56.635 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY016808.D

Acq: 22 Dec 2023 15:13

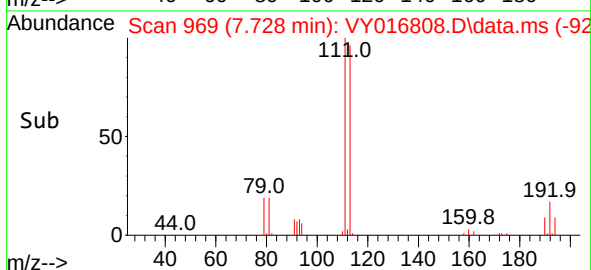
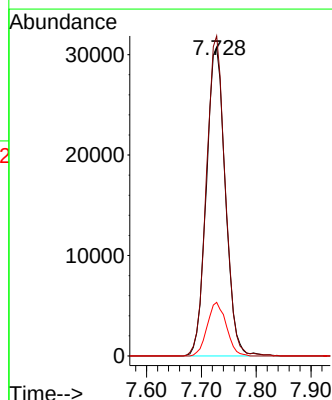
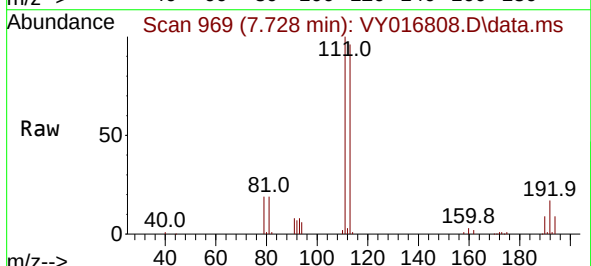
Tgt Ion:113 Resp: 73909

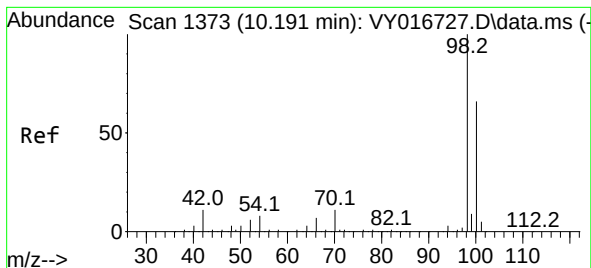
Ion Ratio Lower Upper

113 100

111 102.0 83.8 125.6

192 17.4 14.5 21.7





#50

Toluene-d8

Concen: 56.804 ug/l

RT: 10.191 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016808.D

Acq: 22 Dec 2023 15:13

Instrument :

MSVOA_Y

ClientSampleId :

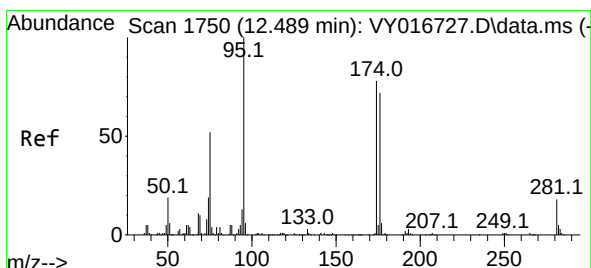
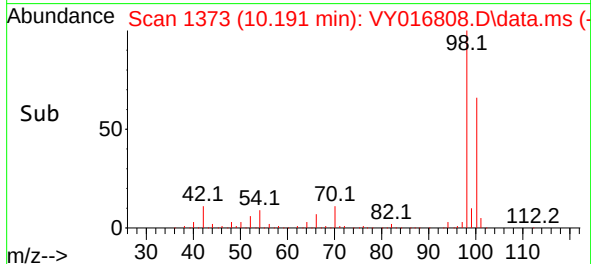
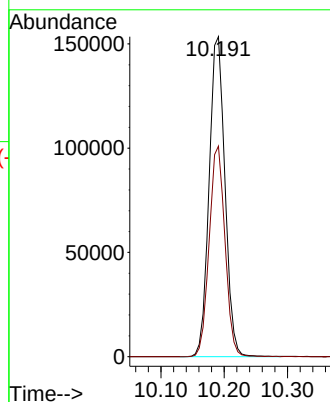
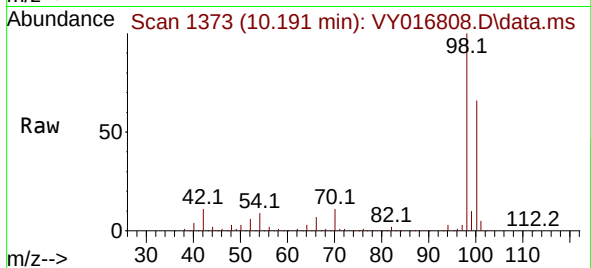
COM38

Tgt Ion: 98 Resp: 267233

Ion Ratio Lower Upper

98 100

100 65.7 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 54.258 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY016808.D

Acq: 22 Dec 2023 15:13

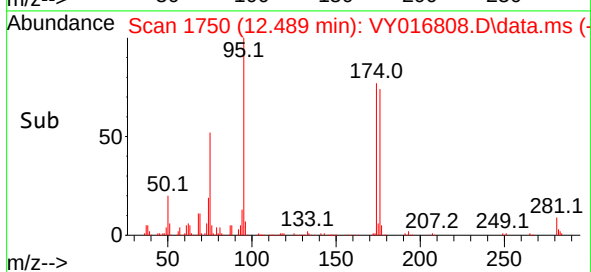
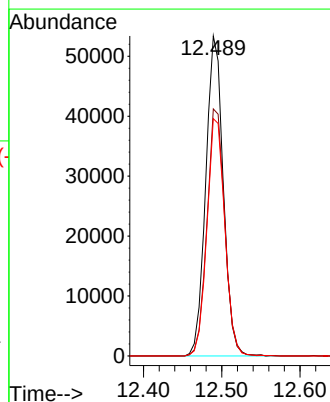
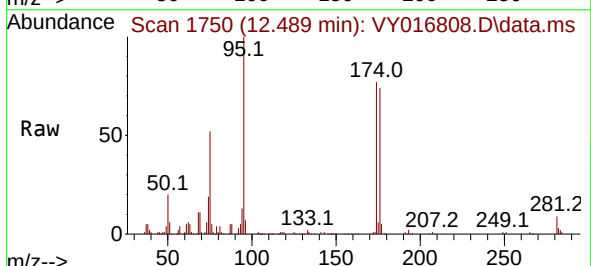
Tgt Ion: 95 Resp: 82812

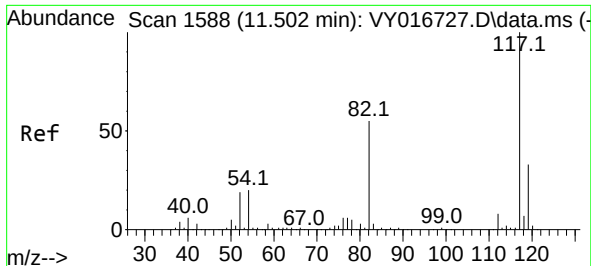
Ion Ratio Lower Upper

95 100

174 78.4 0.0 160.0

176 75.6 0.0 151.8

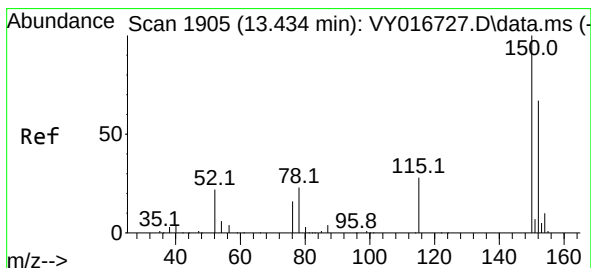
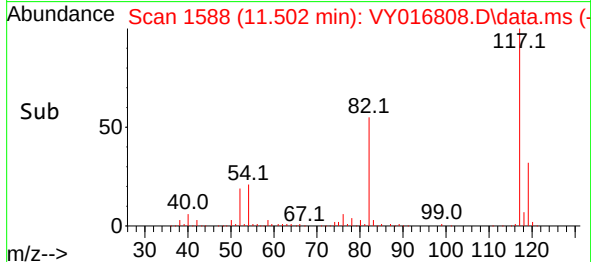
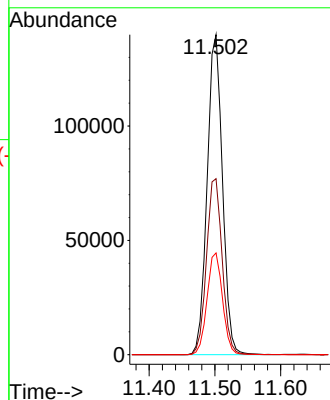
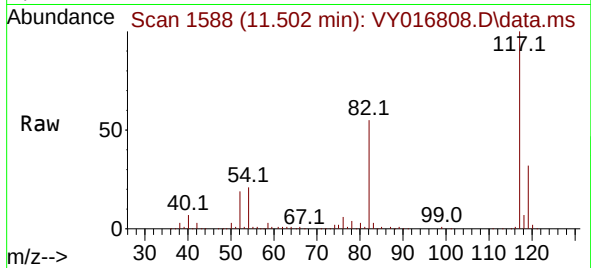




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016808.D
Acq: 22 Dec 2023 15:13

Instrument :
MSVOA_Y
ClientSampleId :
COM38

Tgt Ion:117 Resp: 226833
Ion Ratio Lower Upper
117 100
82 55.0 43.8 65.8
119 31.8 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY016808.D
Acq: 22 Dec 2023 15:13

Tgt Ion:152 Resp: 79379
Ion Ratio Lower Upper
152 100
115 59.6 30.0 90.0
150 157.8 0.0 344.6

