

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
 Data File : VY016807.D
 Acq On : 22 Dec 2023 14:50
 Operator : SY/MD
 Sample : 05877-06
 Misc : 2.12g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COM28

Quant Time: Dec 22 22:59:46 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)

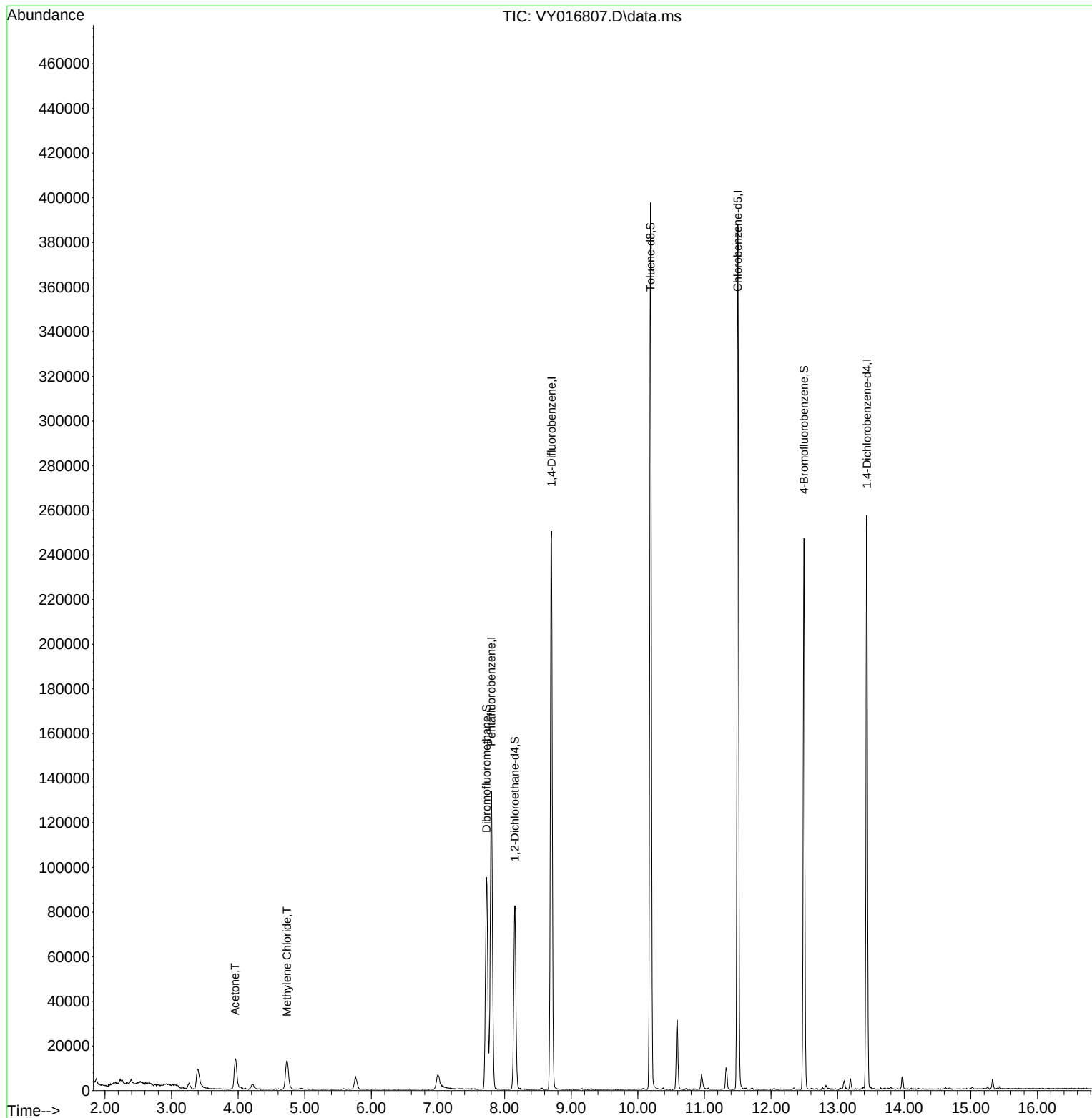
Internal Standards						
1) Pentafluorobenzene	7.801	168	101513	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	216160	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	207017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	64723	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	61585	66.456	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.920%
35) Dibromofluoromethane	7.728	113	69542	56.163	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.320%
50) Toluene-d8	10.191	98	254090	56.924	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	113.840%
62) 4-Bromofluorobenzene	12.495	95	70971	49.008	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.020%
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	25587	102.106	ug/l	98
20) Methylene Chloride	4.734	84	10033	5.072	ug/l #	92

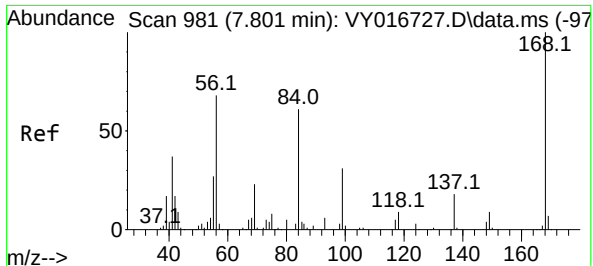
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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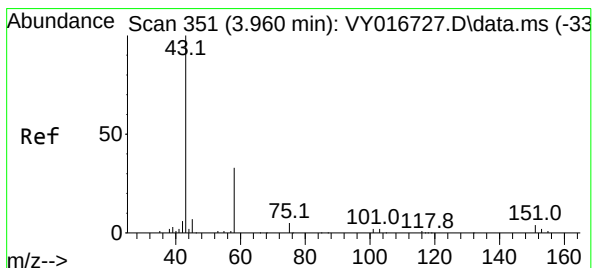
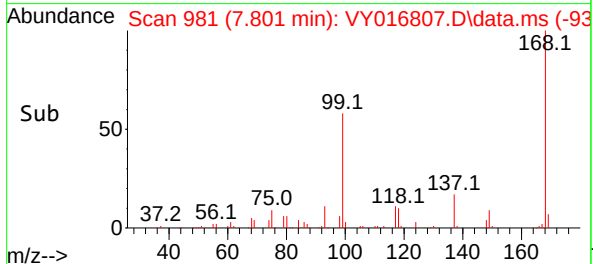
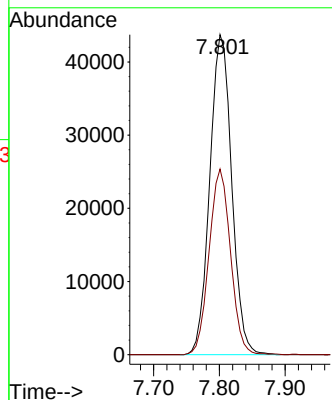
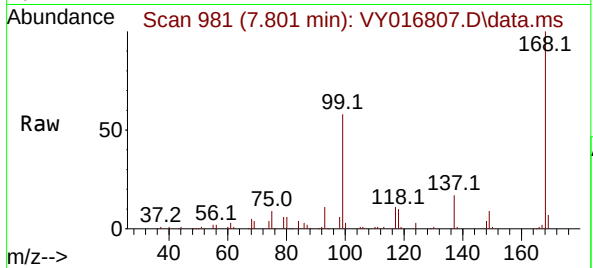




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016807.D
Acq: 22 Dec 2023 14:50

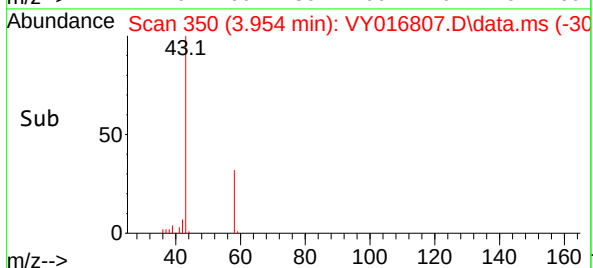
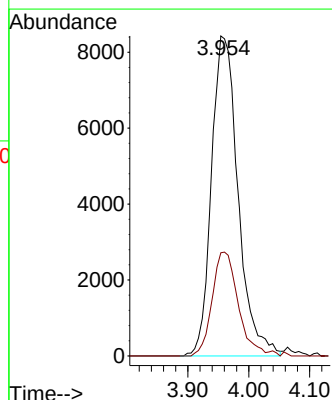
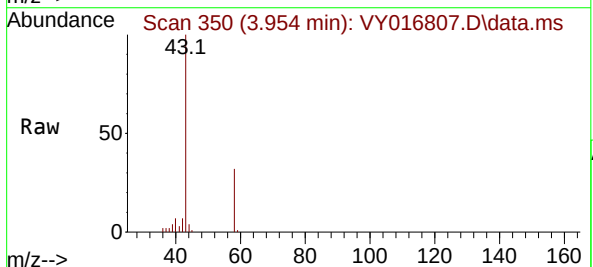
Instrument :
MSVOA_Y
ClientSampleId :
COM28

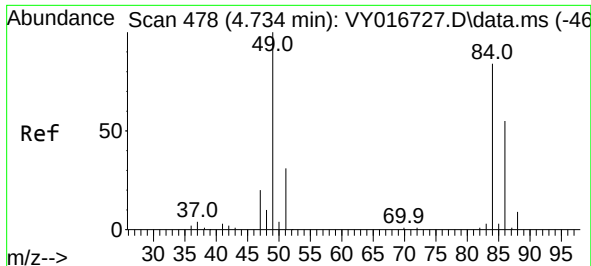
Tgt Ion:168 Resp: 101513
Ion Ratio Lower Upper
168 100
99 58.0 44.2 66.4



#16
Acetone
Concen: 102.106 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY016807.D
Acq: 22 Dec 2023 14:50

Tgt Ion: 43 Resp: 25587
Ion Ratio Lower Upper
43 100
58 32.2 26.6 39.8

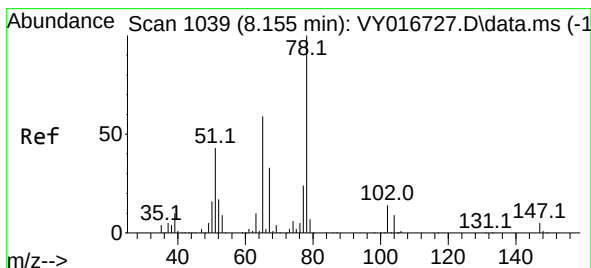
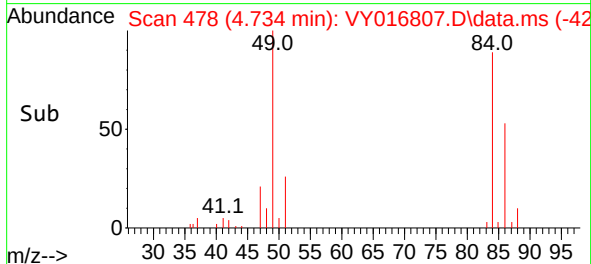
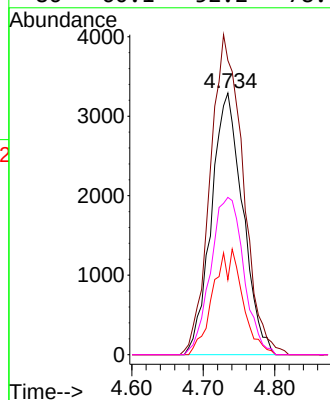
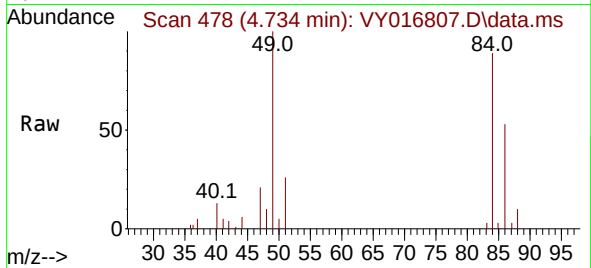




#20
Methylene Chloride
Concen: 5.072 ug/l
RT: 4.734 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY016807.D
Acq: 22 Dec 2023 14:50

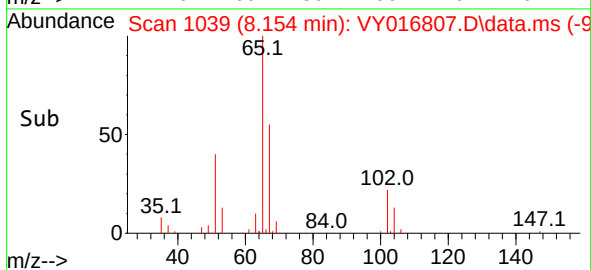
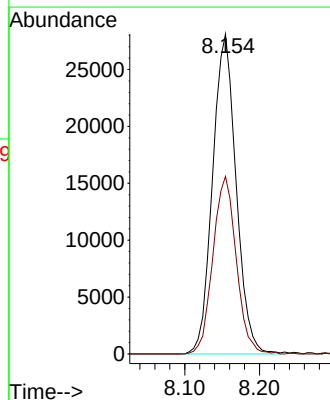
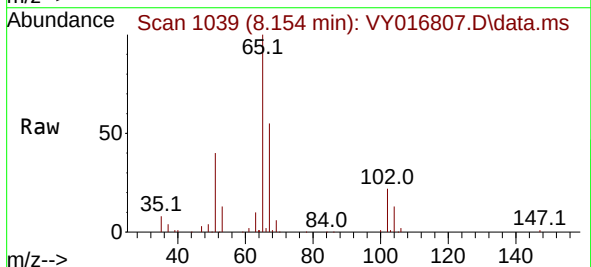
Instrument :
MSVOA_Y
ClientSampleId :
COM28

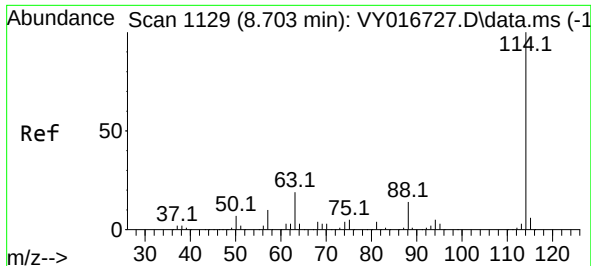
Tgt Ion: 84	Resp: 10033
Ion Ratio	Lower Upper
84 100	
49 112.5	95.2 142.8
51 28.7	29.9 44.9#
86 60.1	52.2 78.4



#33
1,2-Dichloroethane-d4
Concen: 66.456 ug/l
RT: 8.154 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY016807.D
Acq: 22 Dec 2023 14:50

Tgt Ion: 65	Resp: 61585
Ion Ratio	Lower Upper
65 100	
67 55.0	0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY016807.D

Acq: 22 Dec 2023 14:50

Instrument :

MSVOA_Y

ClientSampleId :

COM28

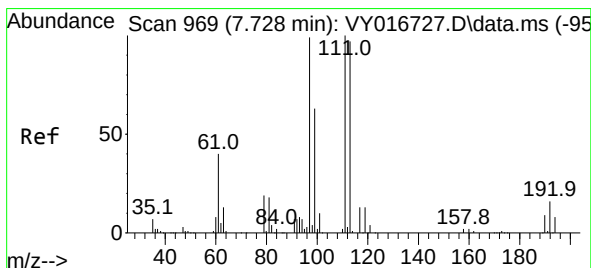
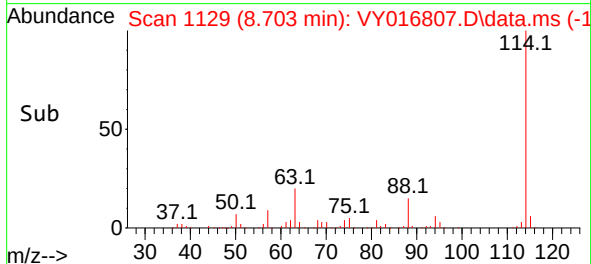
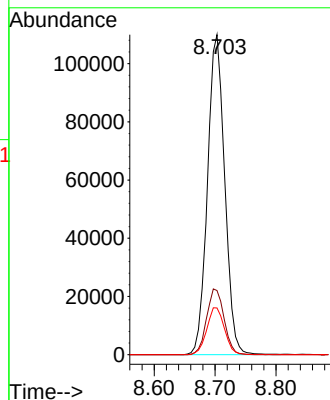
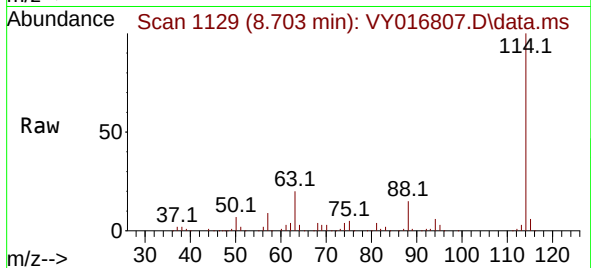
Tgt Ion:114 Resp: 216160

Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.4

88 14.6 0.0 29.0



#35

Dibromofluoromethane

Concen: 56.163 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY016807.D

Acq: 22 Dec 2023 14:50

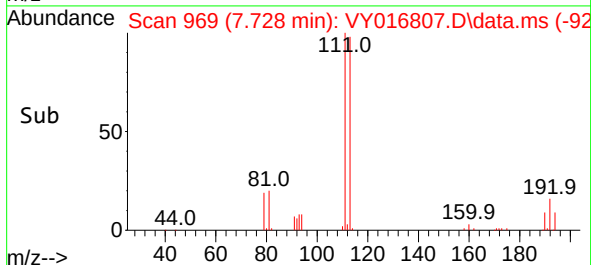
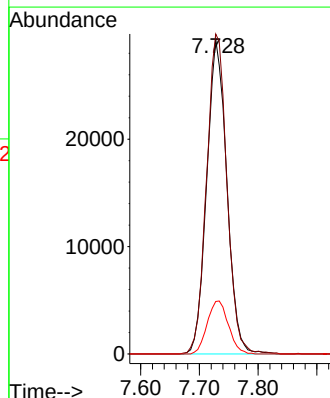
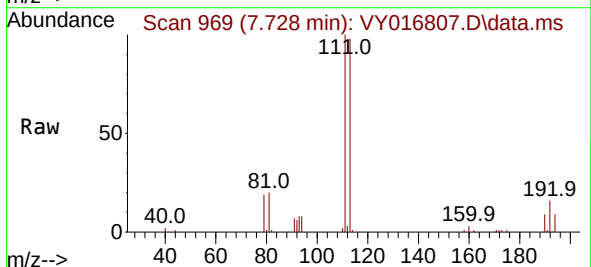
Tgt Ion:113 Resp: 69542

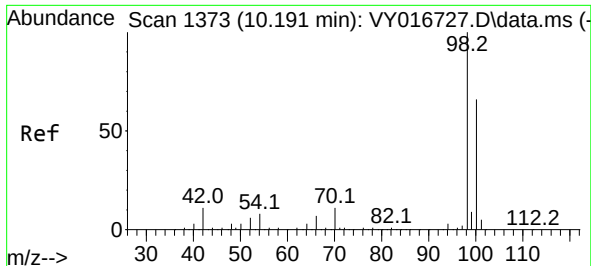
Ion Ratio Lower Upper

113 100

111 103.1 83.8 125.6

192 17.7 14.5 21.7

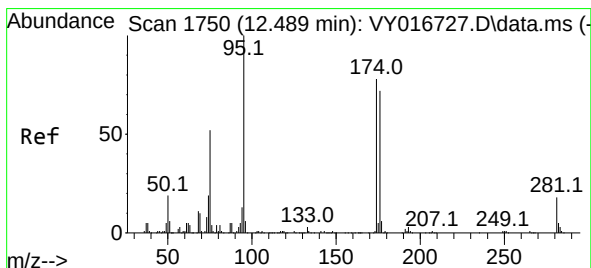
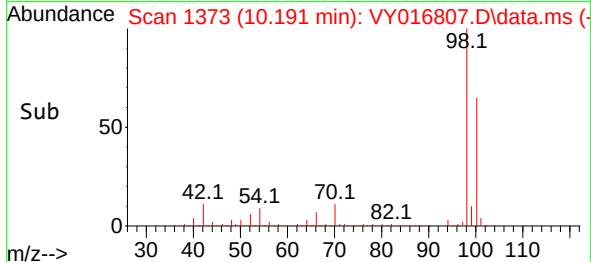
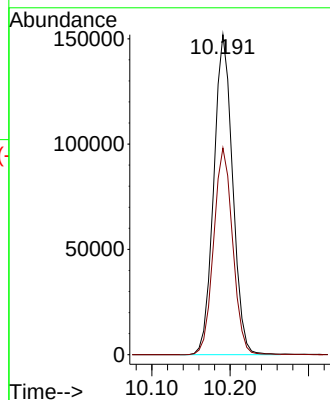
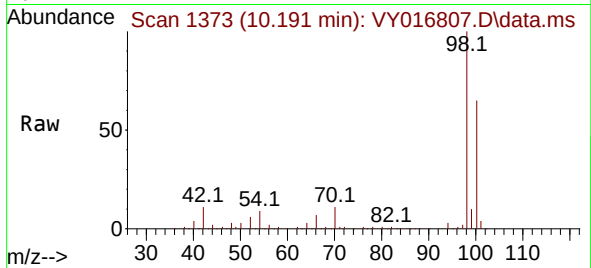




#50
Toluene-d8
Concen: 56.924 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016807.D
Acq: 22 Dec 2023 14:50

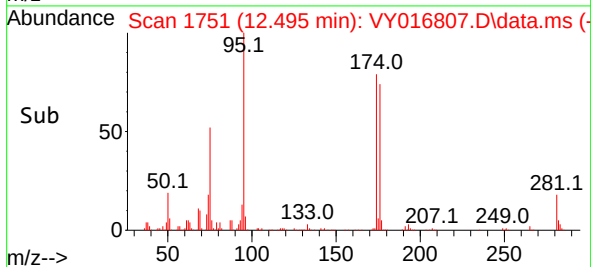
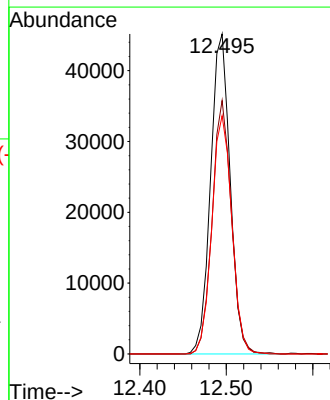
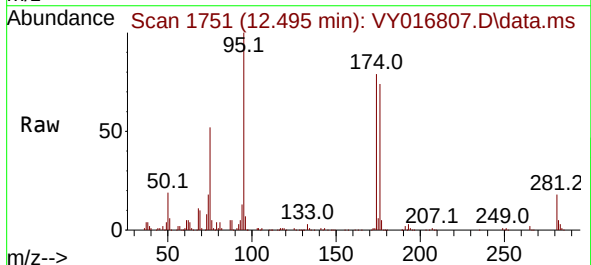
Instrument :
MSVOA_Y
ClientSampleId :
COM28

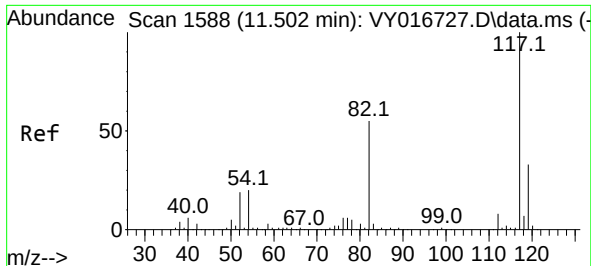
Tgt Ion: 98 Resp: 254090
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 49.008 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016807.D
Acq: 22 Dec 2023 14:50

Tgt Ion: 95 Resp: 70971
Ion Ratio Lower Upper
95 100
174 77.8 0.0 160.0
176 75.9 0.0 151.8

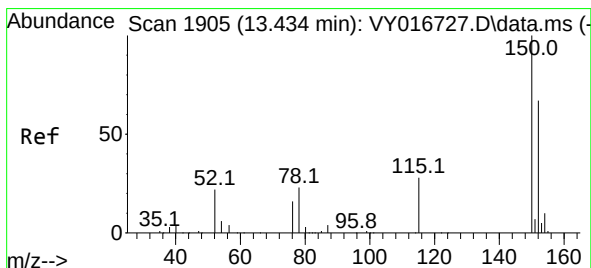
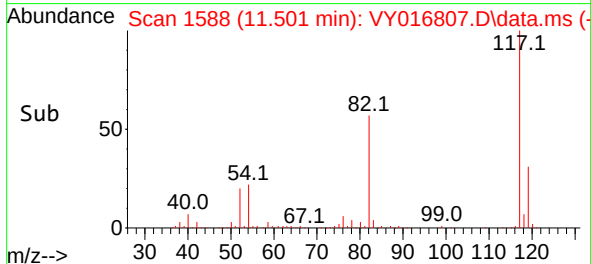
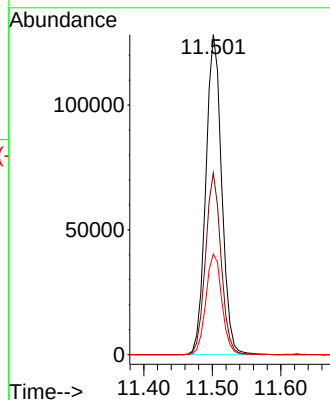
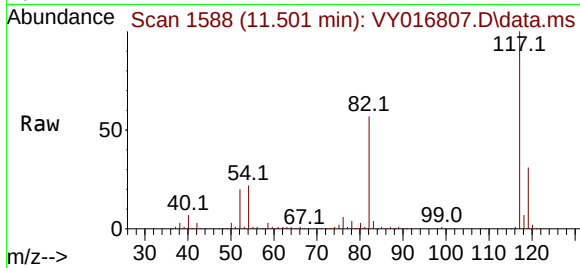




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.501 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016807.D
Acq: 22 Dec 2023 14:50

Instrument :
MSVOA_Y
ClientSampleId :
COM28

Tgt Ion:117 Resp: 207017
Ion Ratio Lower Upper
117 100
82 56.8 43.8 65.8
119 31.4 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: VY016807.D
Acq: 22 Dec 2023 14:50

Tgt Ion:152 Resp: 64723
Ion Ratio Lower Upper
152 100
115 59.2 30.0 90.0
150 156.5 0.0 344.6

