

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112123\
 Data File : VY016441.D
 Acq On : 21 Nov 2023 16:35
 Operator : SY/MD
 Sample : 05466-01RE
 Misc : 5.27g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB21144RE

Quant Time: Nov 22 01:19:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

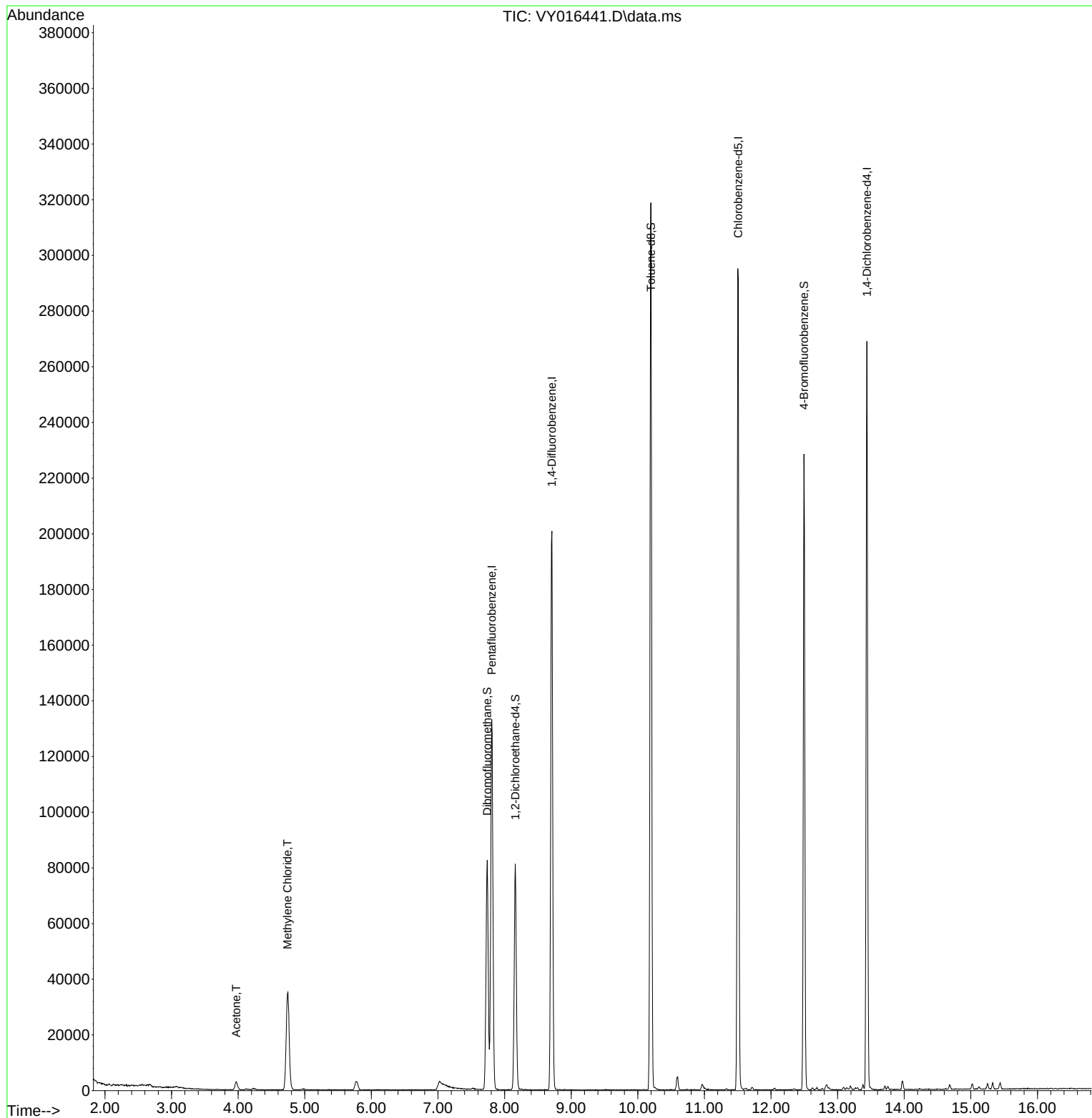
Internal Standards						
1) Pentafluorobenzene	7.807	168	106933	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	185097	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	173301	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	72072	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	63531	65.005	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.000%	
35) Dibromofluoromethane	7.740	113	58743	55.868	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.740%	
50) Toluene-d8	10.197	98	213848	50.153	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.300%	
62) 4-Bromofluorobenzene	12.495	95	70873	51.177	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.360%	
Target Compounds						
					Qvalue	
16) Acetone	3.973	43	5196	32.141	ug/l	95
20) Methylene Chloride	4.741	84	30216	24.696	ug/l #	82

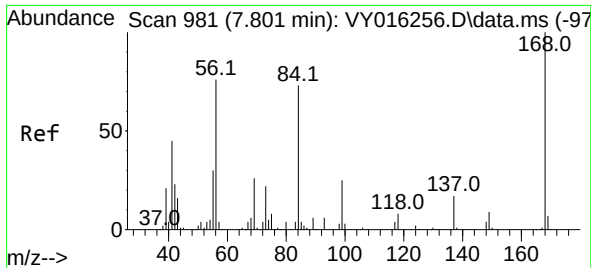
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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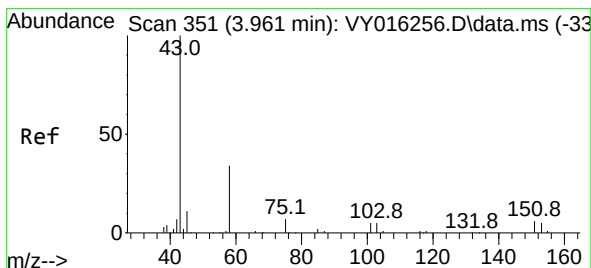
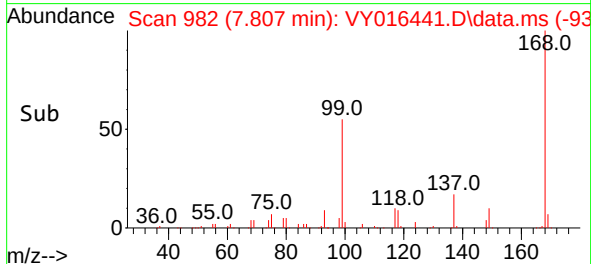
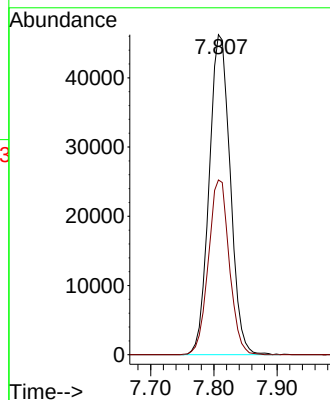
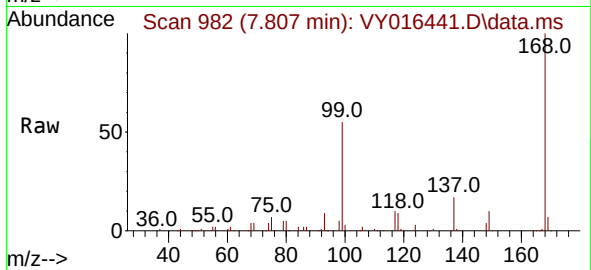




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016441.D
Acq: 21 Nov 2023 16:35

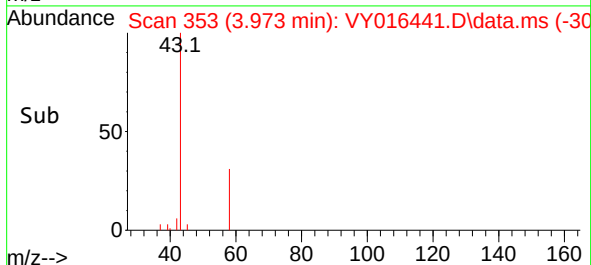
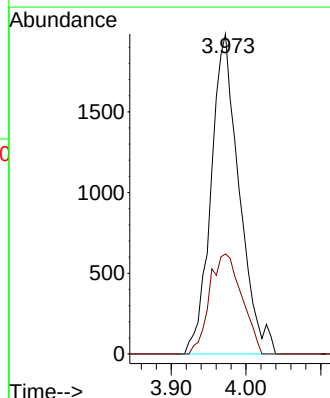
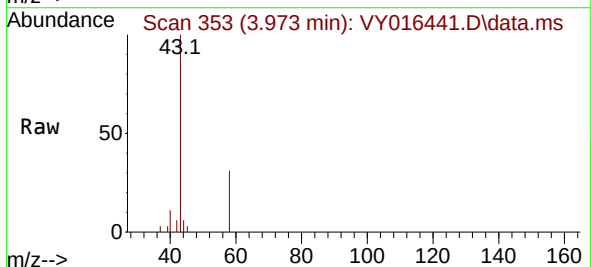
Instrument :
MSVOA_Y
ClientSampleId :
RB21144RE

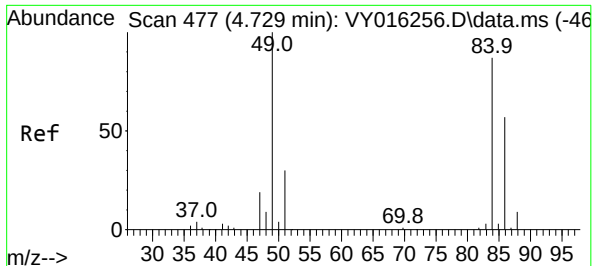
Tgt Ion:168 Resp: 106933
Ion Ratio Lower Upper
168 100
99 54.6 43.4 65.0



#16
Acetone
Concen: 32.141 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY016441.D
Acq: 21 Nov 2023 16:35

Tgt Ion: 43 Resp: 5196
Ion Ratio Lower Upper
43 100
58 31.3 22.7 34.1

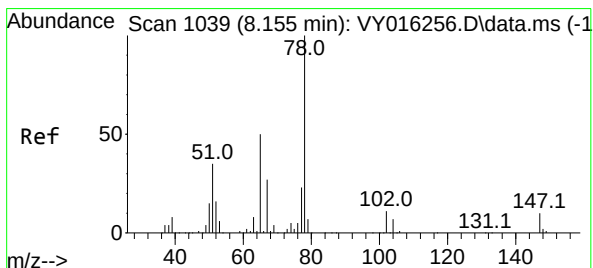
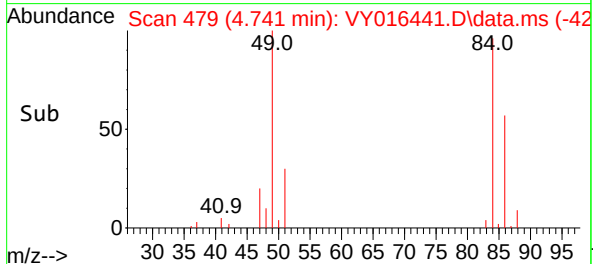
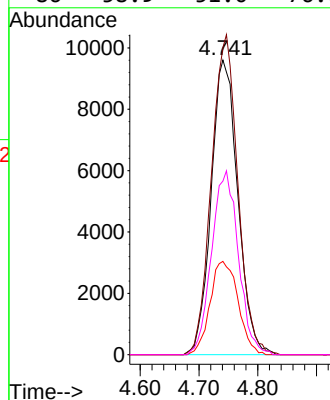
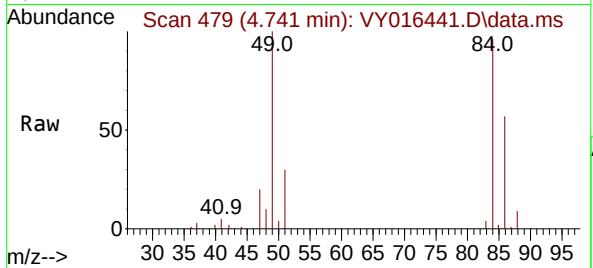




#20
Methylene Chloride
Concen: 24.696 ug/l
RT: 4.741 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY016441.D
Acq: 21 Nov 2023 16:35

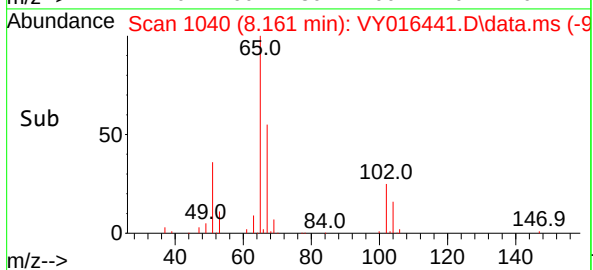
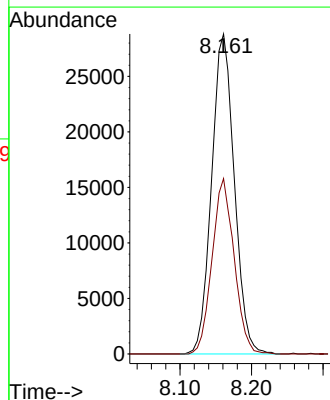
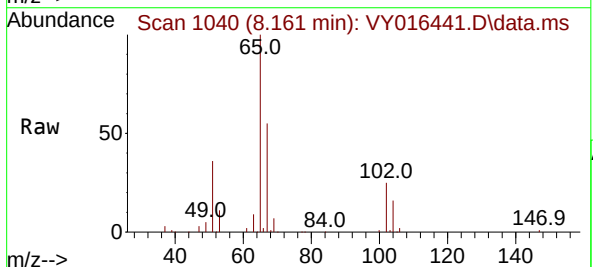
Instrument :
MSVOA_Y
ClientSampleId :
RB21144RE

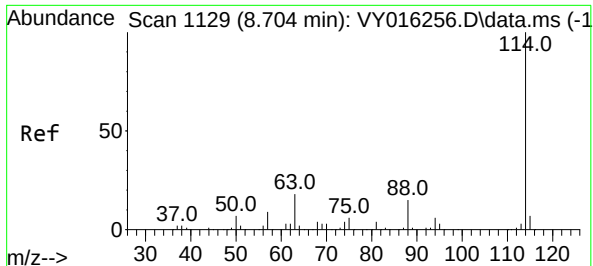
Tgt Ion:	84	Resp:	30216
Ion	Ratio	Lower	Upper
84	100		
49	104.2	106.9	160.3#
51	31.7	33.2	49.8#
86	58.9	51.0	76.6



#33
1,2-Dichloroethane-d4
Concen: 65.005 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016441.D
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Tgt Ion:	65	Resp:	63531
Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY016441.D

Acq: 21 Nov 2023 16:35

Instrument :

MSVOA_Y

ClientSampleId :

RB21144RE

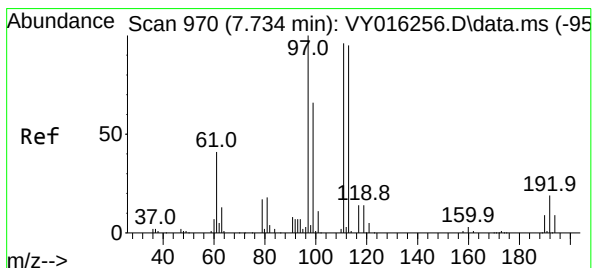
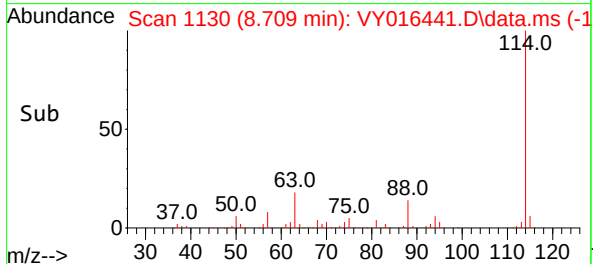
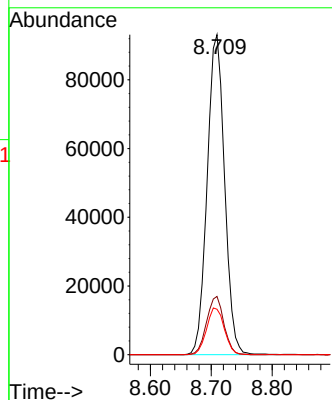
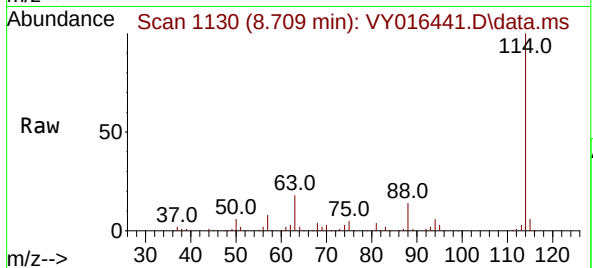
Tgt Ion:114 Resp: 185097

Ion Ratio Lower Upper

114 100

63 18.2 0.0 42.4

88 14.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.868 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.006 min

Lab File: VY016441.D

Acq: 21 Nov 2023 16:35

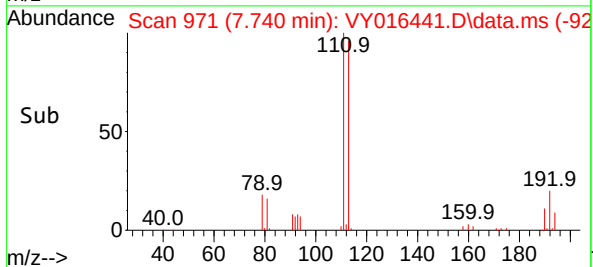
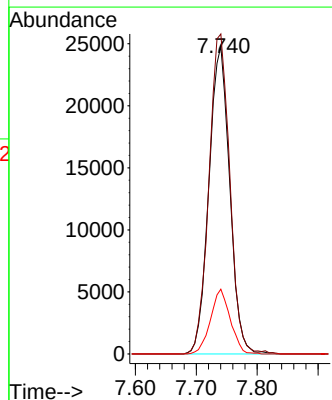
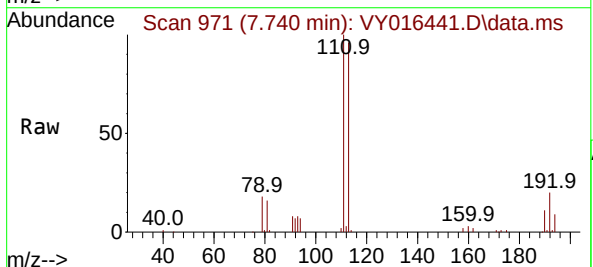
Tgt Ion:113 Resp: 58743

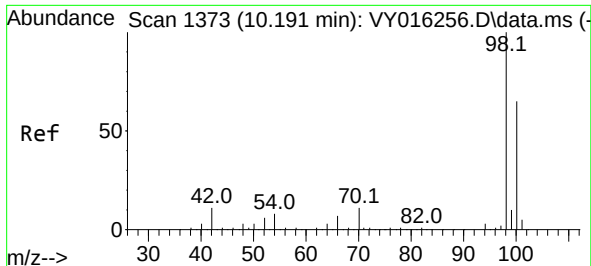
Ion Ratio Lower Upper

113 100

111 104.5 81.3 121.9

192 20.1 16.9 25.3

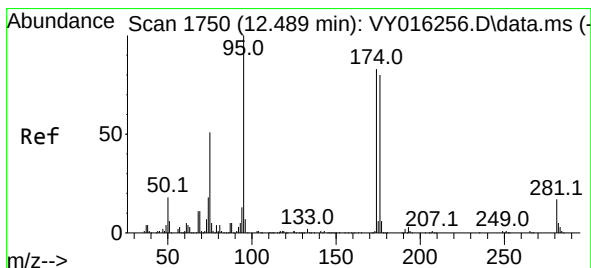
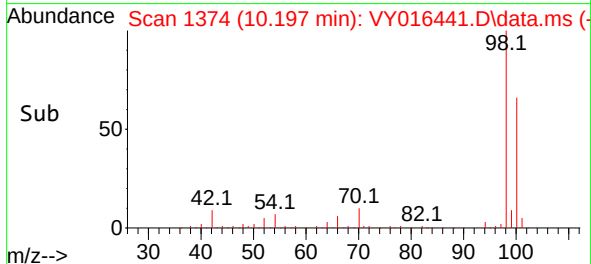
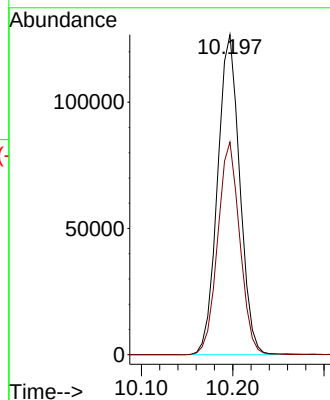
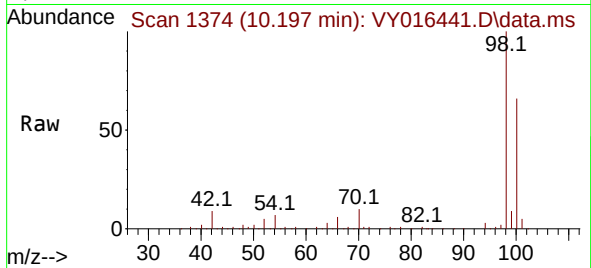




#50
Toluene-d8
Concen: 50.153 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016441.D
Acq: 21 Nov 2023 16:35

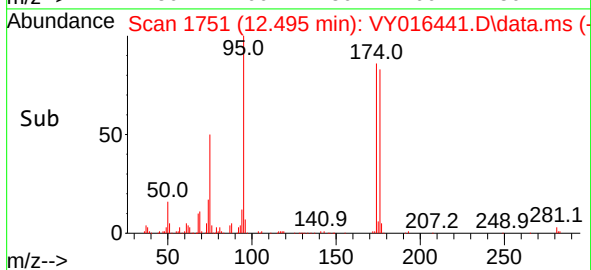
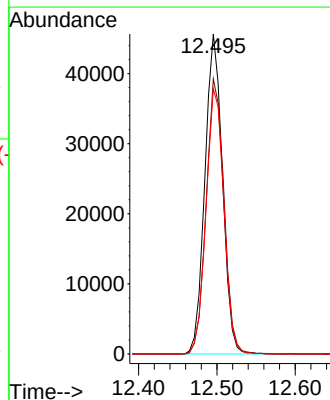
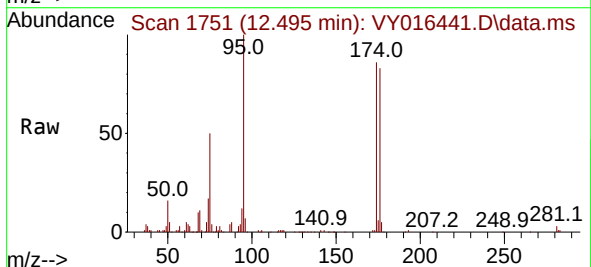
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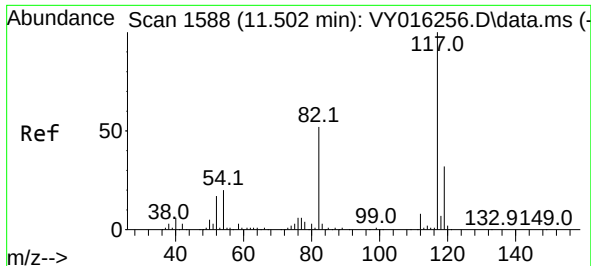
Tgt Ion: 98 Resp: 213848
Ion Ratio Lower Upper
98 100
100 66.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 51.177 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016441.D
Acq: 21 Nov 2023 16:35

Tgt Ion: 95 Resp: 70873
Ion Ratio Lower Upper
95 100
174 87.3 0.0 178.2
176 84.2 0.0 173.8

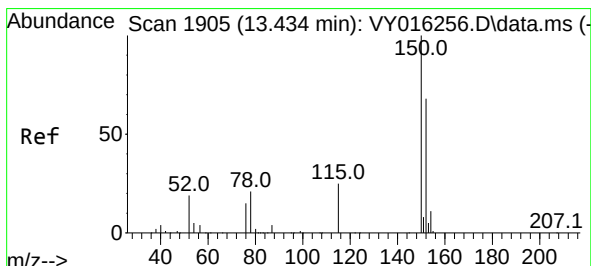
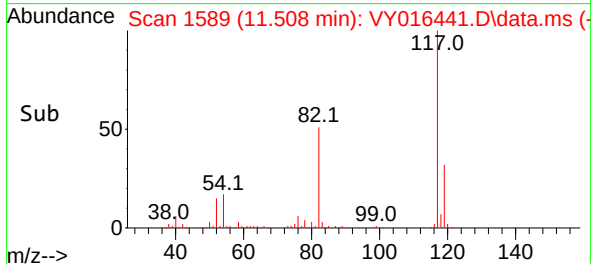
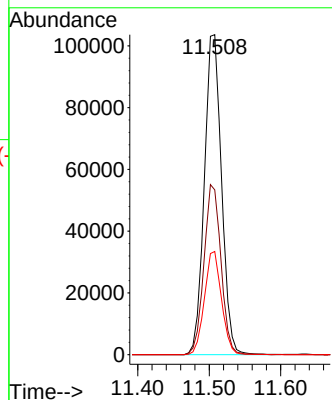
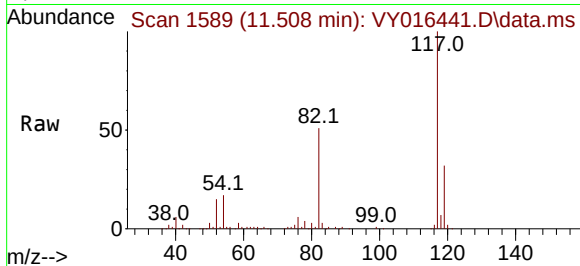




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016441.D
Acq: 21 Nov 2023 16:35

Instrument :
MSVOA_Y
ClientSampleId :
RB21144RE

Tgt Ion:117 Resp: 173301
Ion Ratio Lower Upper
117 100
82 51.5 43.4 65.0
119 32.3 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016441.D
Acq: 21 Nov 2023 16:35

Tgt Ion:152 Resp: 72072
Ion Ratio Lower Upper
152 100
115 57.9 28.8 86.5
150 159.4 0.0 348.8

