

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112123\
 Data File : VY016444.D
 Acq On : 21 Nov 2023 17:45
 Operator : SY/MD
 Sample : 05504-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 281

Quant Time: Nov 22 01:20:24 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)

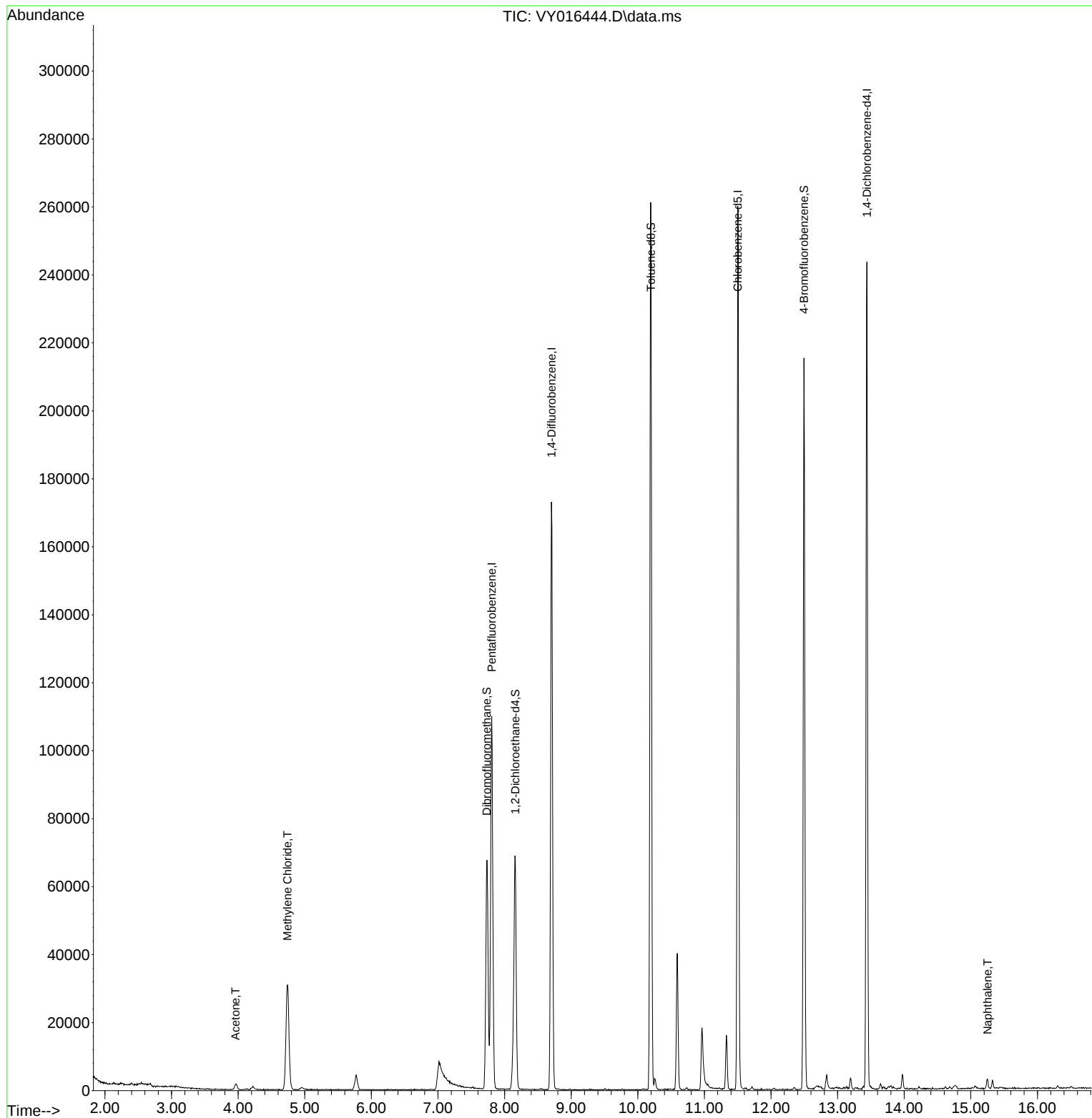
Internal Standards						
1) Pentafluorobenzene	7.807	168	88346	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	158044	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	149561	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	65698	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	52079	64.498	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 129.000%		
35) Dibromofluoromethane	7.734	113	49695	55.353	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 110.700%		
50) Toluene-d8	10.197	98	181187	49.767	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 99.540%		
62) 4-Bromofluorobenzene	12.495	95	61478	51.992	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 103.980%		
Target Compounds						
						Qvalue
16) Acetone	3.960	43	2831	21.196	ug/l	93
20) Methylene Chloride	4.741	84	26781	26.766	ug/l #	84
95) Naphthalene	15.251	128	3006	1.453	ug/l	95

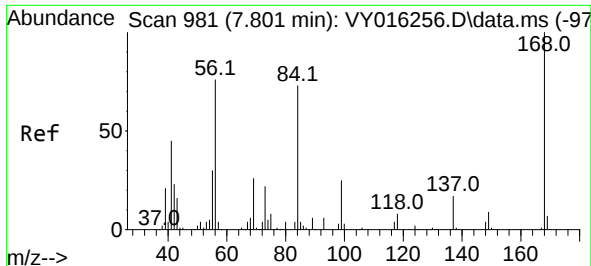
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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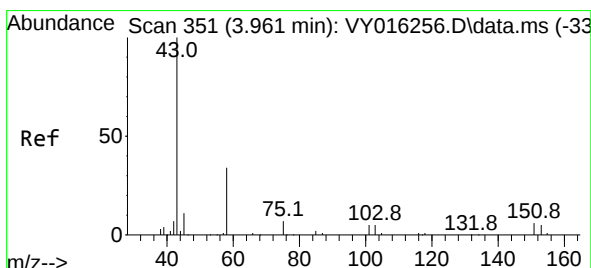
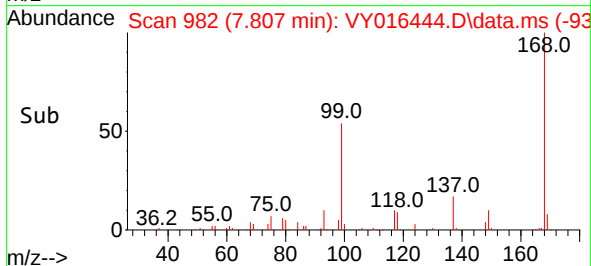
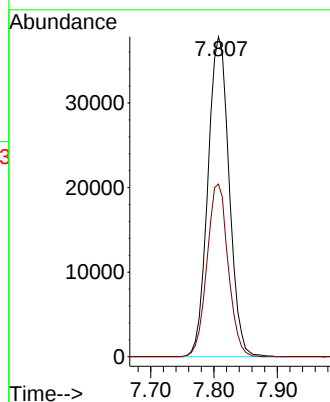
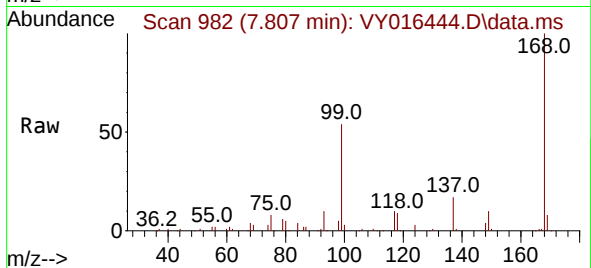




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016444.D
Acq: 21 Nov 2023 17:45

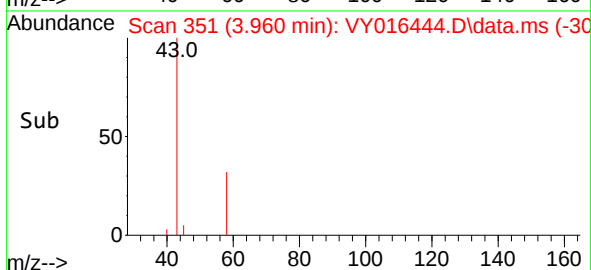
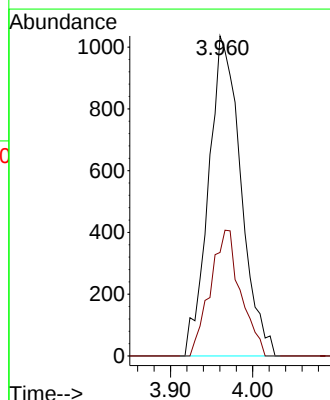
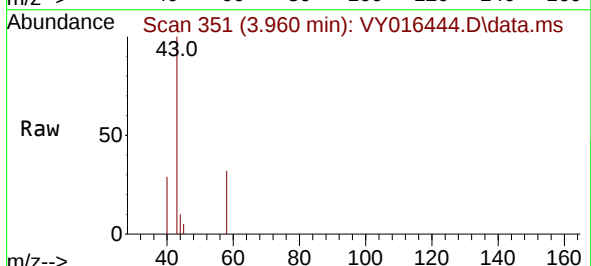
Instrument :
MSVOA_Y
ClientSampleId :
281

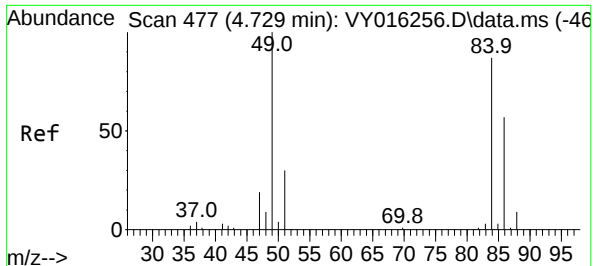
Tgt Ion:168 Resp: 88346
Ion Ratio Lower Upper
168 100
99 53.9 43.4 65.0



#16
Acetone
Concen: 21.196 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY016444.D
Acq: 21 Nov 2023 17:45

Tgt Ion: 43 Resp: 2831
Ion Ratio Lower Upper
43 100
58 32.3 22.7 34.1

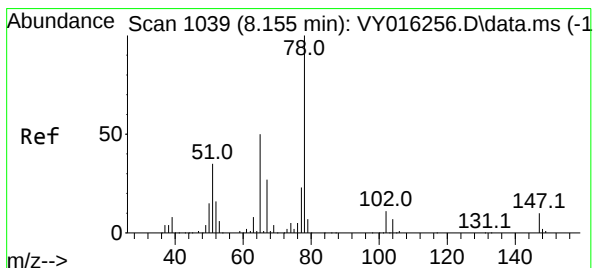
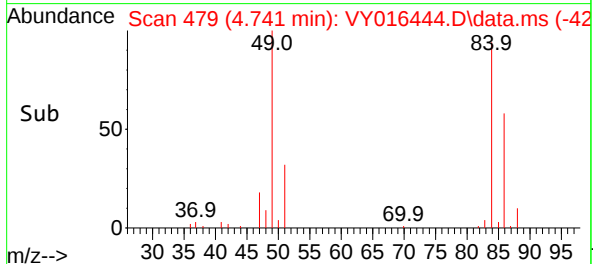
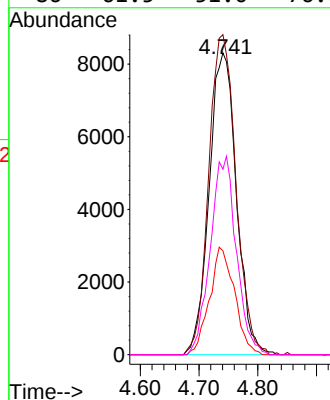
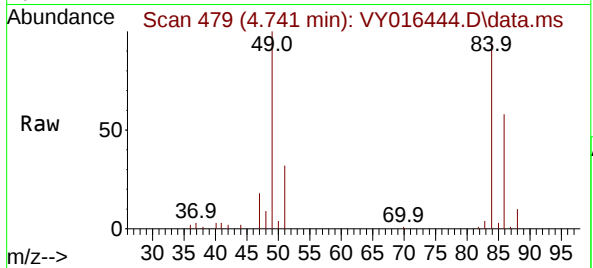




#20
Methylene Chloride
Concen: 26.766 ug/l
RT: 4.741 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY016444.D
Acq: 21 Nov 2023 17:45

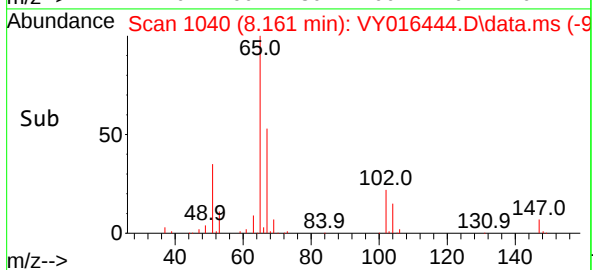
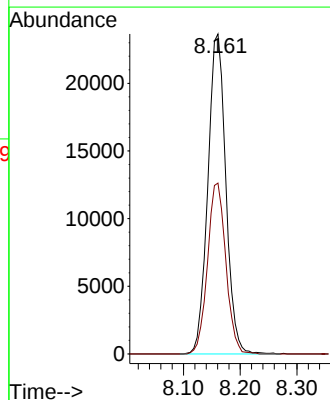
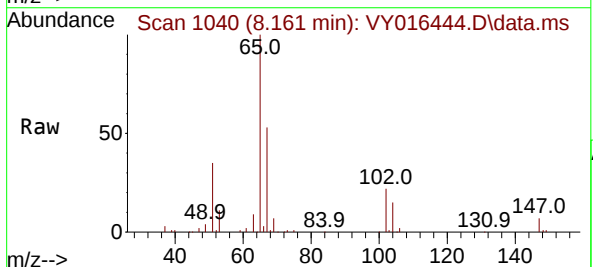
Instrument :
MSVOA_Y
ClientSampleId :
281

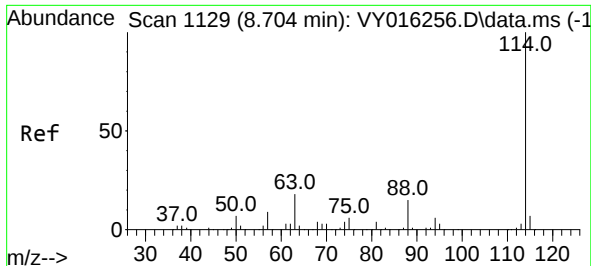
Tgt Ion:	84	Resp:	26781
Ion	Ratio	Lower	Upper
84	100		
49	106.1	106.9	160.3#
51	34.4	33.2	49.8
86	61.5	51.0	76.6



#33
1,2-Dichloroethane-d4
Concen: 64.498 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016444.D
Acq: 21 Nov 2023 17:45

Tgt Ion:	65	Resp:	52079
Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY016444.D

Acq: 21 Nov 2023 17:45

Instrument :

MSVOA_Y

ClientSampleId :

281

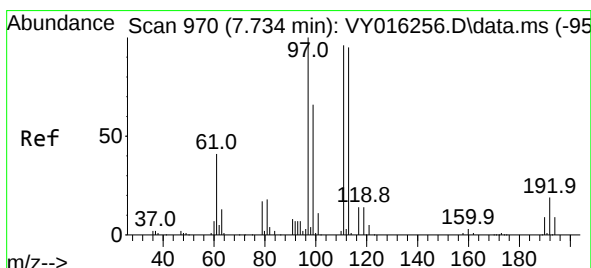
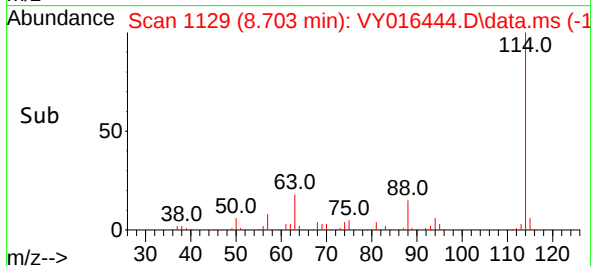
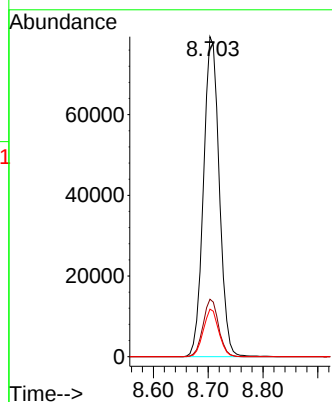
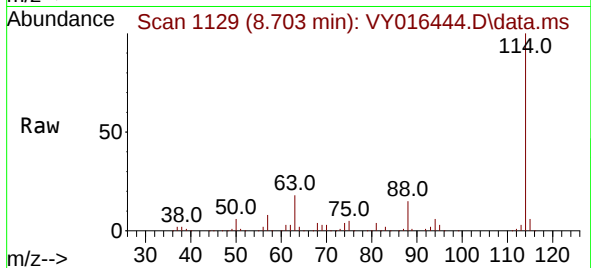
Tgt Ion:114 Resp: 158044

Ion Ratio Lower Upper

114 100

63 18.0 0.0 42.4

88 14.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.353 ug/l

RT: 7.734 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY016444.D

Acq: 21 Nov 2023 17:45

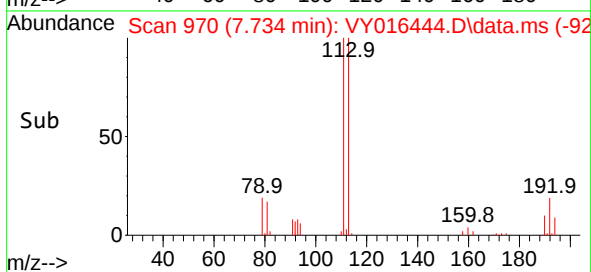
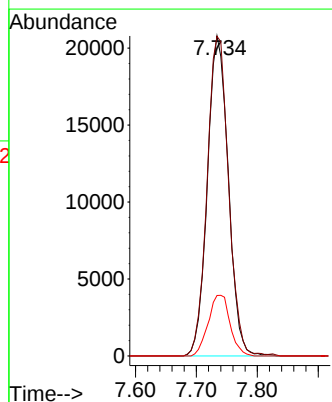
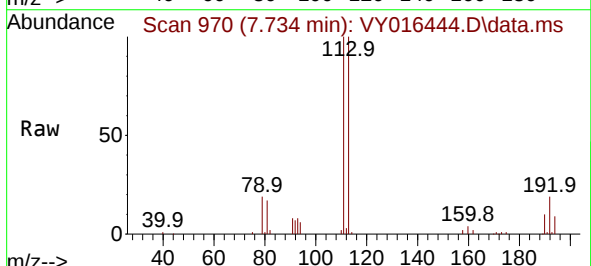
Tgt Ion:113 Resp: 49695

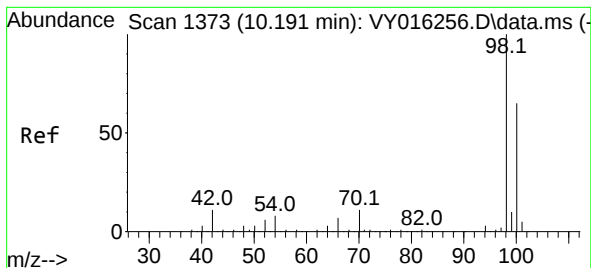
Ion Ratio Lower Upper

113 100

111 102.1 81.3 121.9

192 19.8 16.9 25.3





#50

Toluene-d8

Concen: 49.767 ug/l

RT: 10.197 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016444.D

Acq: 21 Nov 2023 17:45

Instrument :

MSVOA_Y

ClientSampleId :

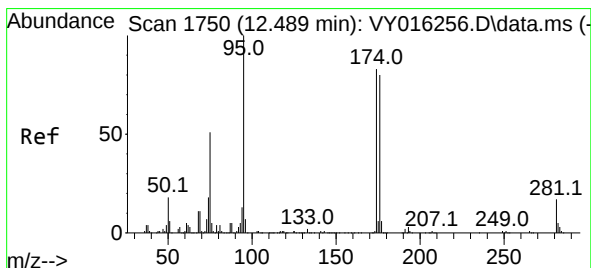
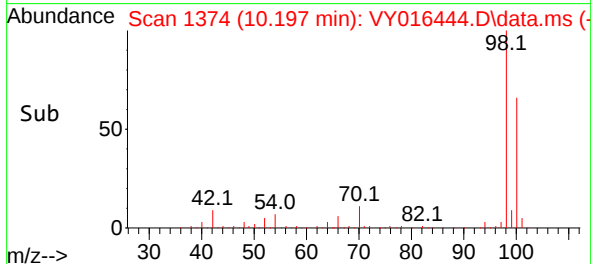
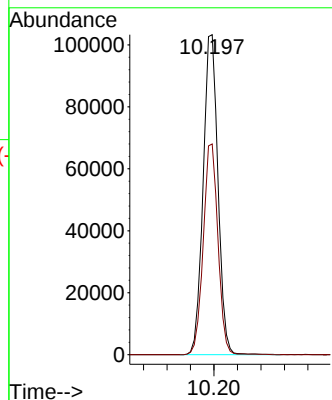
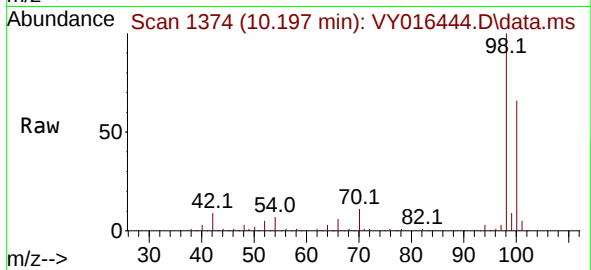
281

Tgt Ion: 98 Resp: 181187

Ion Ratio Lower Upper

98 100

100 65.3 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 51.992 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY016444.D

Acq: 21 Nov 2023 17:45

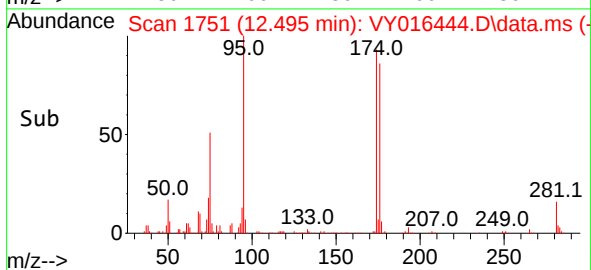
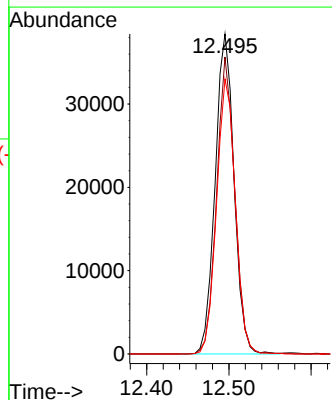
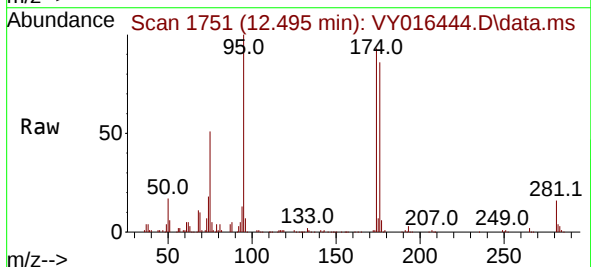
Tgt Ion: 95 Resp: 61478

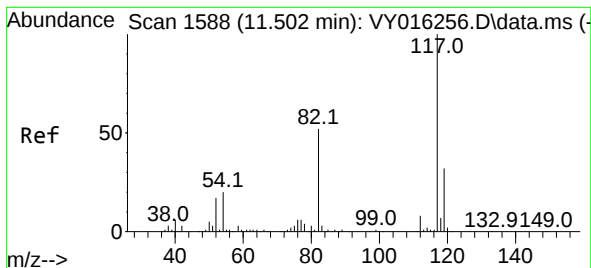
Ion Ratio Lower Upper

95 100

174 89.0 0.0 178.2

176 85.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016444.D

Acq: 21 Nov 2023 17:45

Instrument :

MSVOA_Y

ClientSampleId :

281

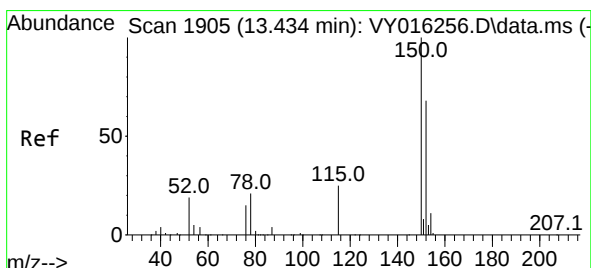
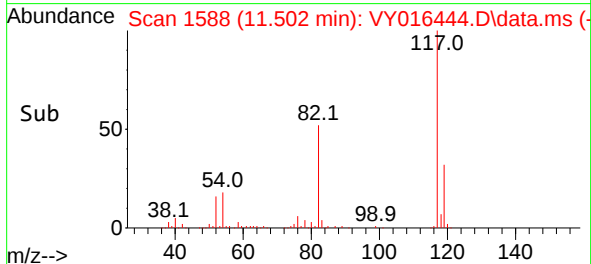
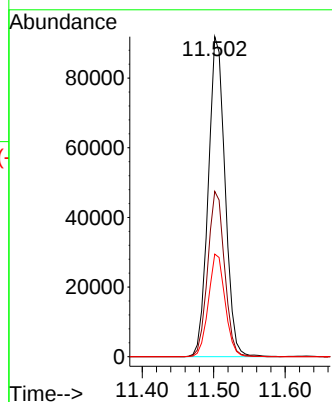
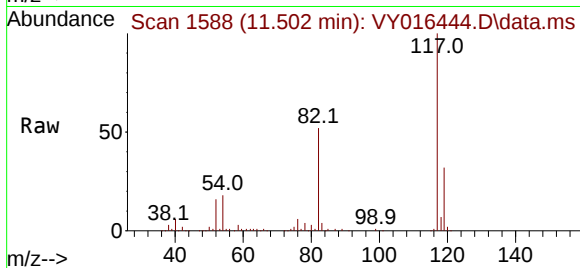
Tgt Ion:117 Resp: 149561

Ion Ratio Lower Upper

117 100

82 51.7 43.4 65.0

119 32.0 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: VY016444.D

Acq: 21 Nov 2023 17:45

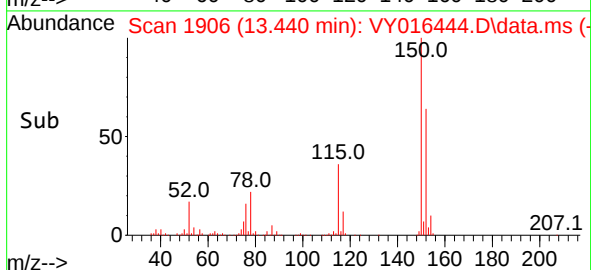
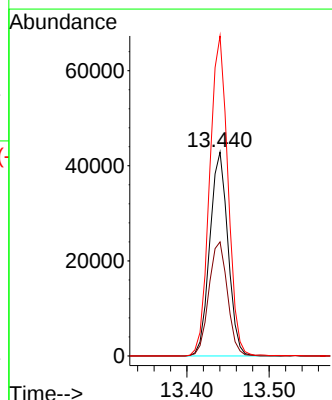
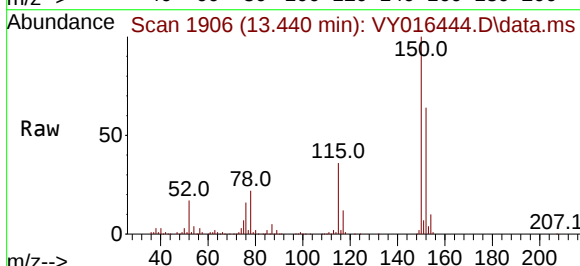
Tgt Ion:152 Resp: 65698

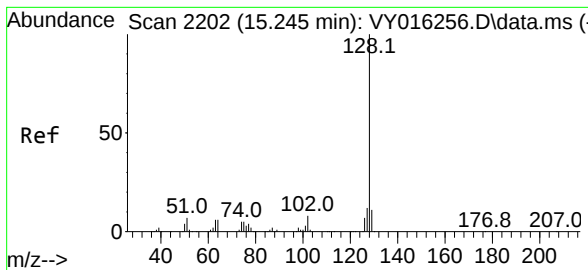
Ion Ratio Lower Upper

152 100

115 57.5 28.8 86.5

150 158.5 0.0 348.8





#95
 Naphthalene
 Concen: 1.453 ug/l
 RT: 15.251 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY016444.D
 Acq: 21 Nov 2023 17:45

Instrument :
 MSVOA_Y
 ClientSampleId :
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Tgt Ion:	128	Resp:	3006
Ion	Ratio	Lower	Upper
128	100		
127	11.6	10.8	16.2
129	12.6	8.6	13.0

