

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111423\
 Data File : VY016340.D
 Acq On : 14 Nov 2023 11:47
 Operator : SY/MD
 Sample : 05346-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-110923

Quant Time: Nov 14 12:18:38 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)

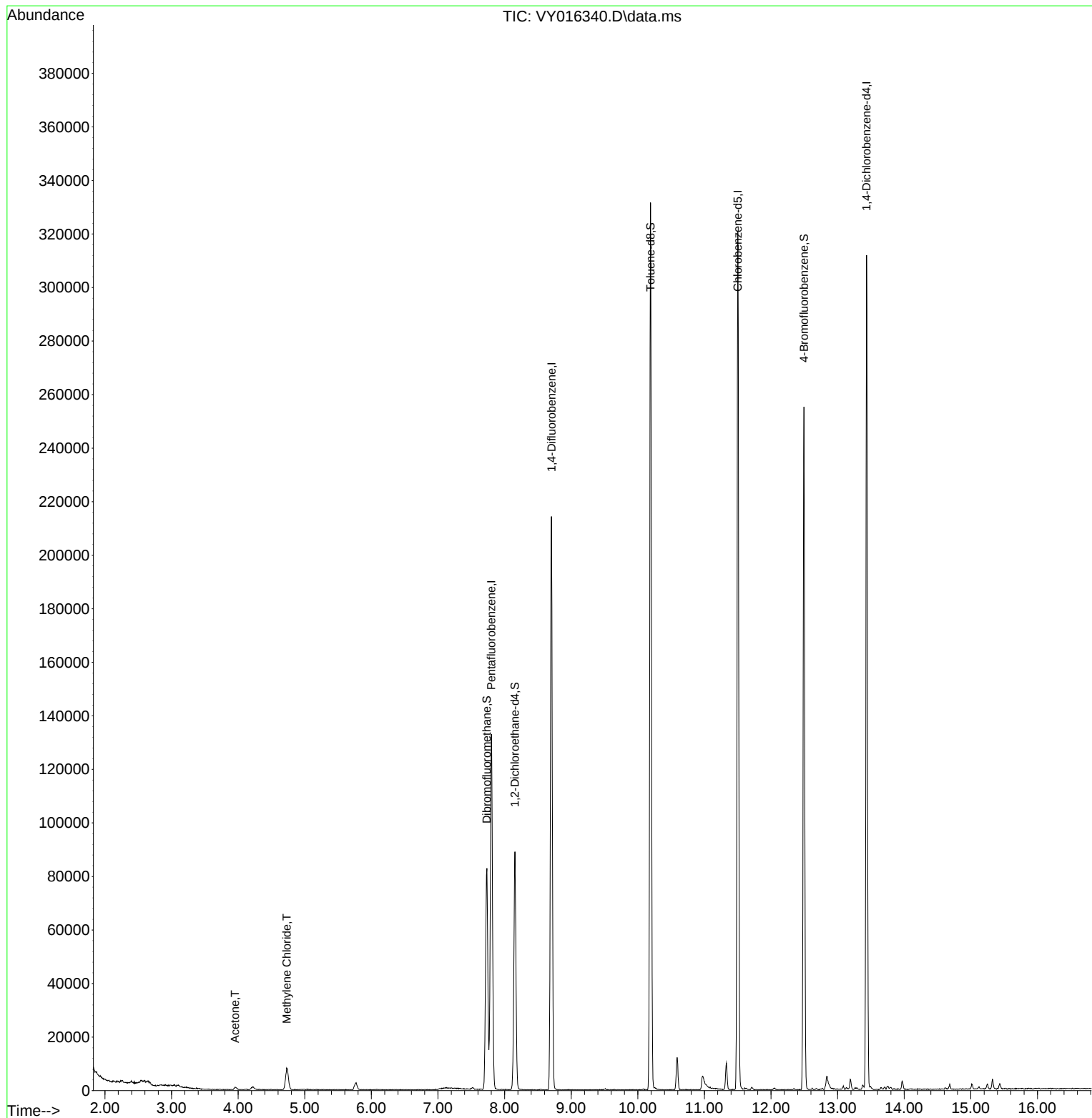
Internal Standards						
1) Pentafluorobenzene	7.801	168	105422	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	185767	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	179180	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	81620	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	67507	70.063	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 140.120%	
35) Dibromofluoromethane	7.734	113	59466	56.351	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.700%	
50) Toluene-d8	10.191	98	219652	51.328	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.660%	
62) 4-Bromofluorobenzene	12.495	95	76183	54.813	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.620%	
Target Compounds						
16) Acetone	3.954	43	1916	12.022	ug/l	Qvalue # 86
20) Methylene Chloride	4.729	84	6564	2.525	ug/l	89

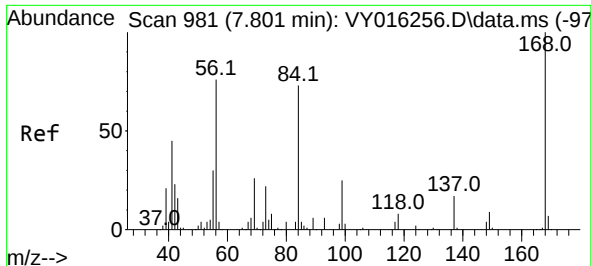
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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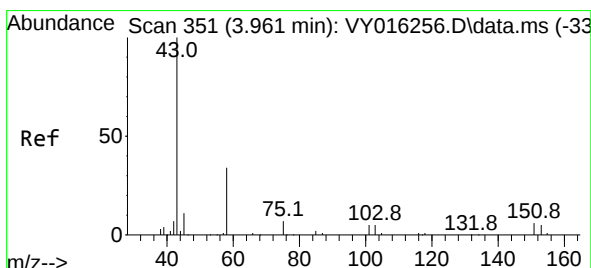
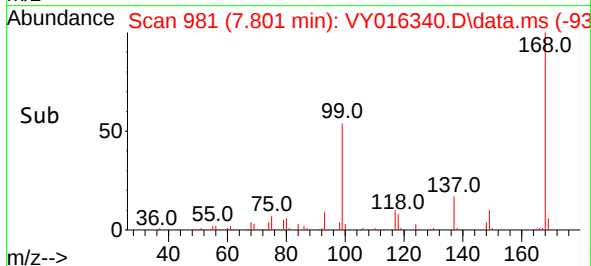
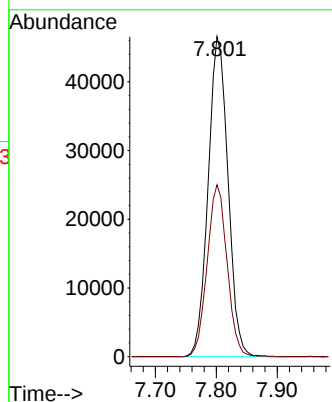
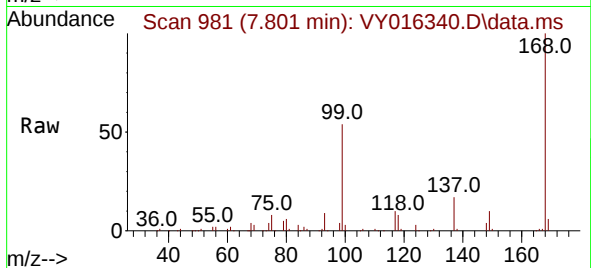




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016340.D
Acq: 14 Nov 2023 11:47

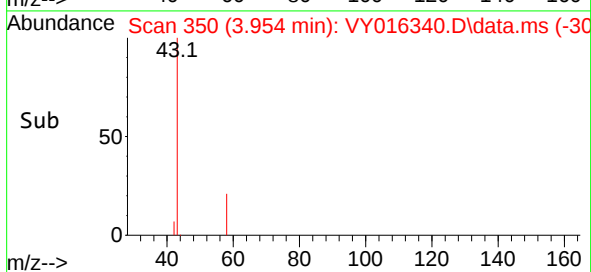
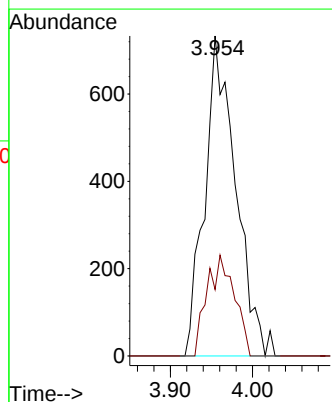
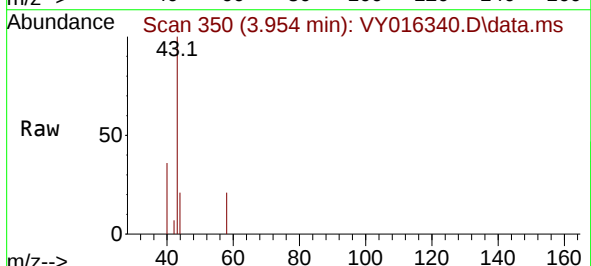
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-110923

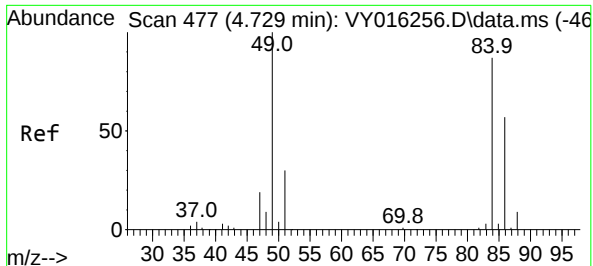
Tgt Ion:168 Resp: 105422
Ion Ratio Lower Upper
168 100
99 53.7 43.4 65.0



#16
Acetone
Concen: 12.022 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY016340.D
Acq: 14 Nov 2023 11:47

Tgt Ion: 43 Resp: 1916
Ion Ratio Lower Upper
43 100
58 20.7 22.7 34.1#



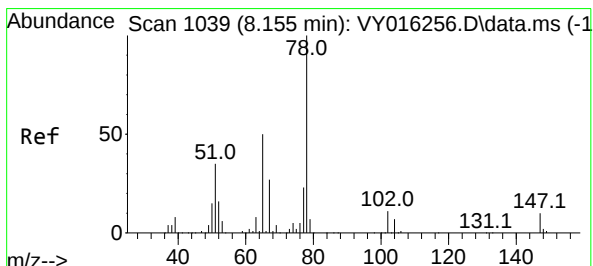
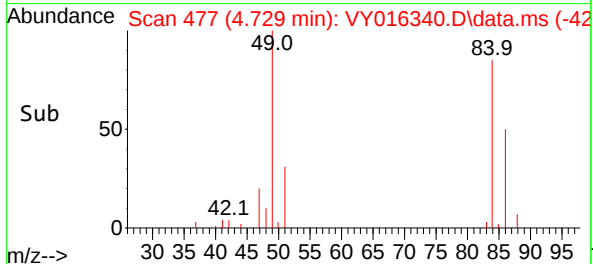
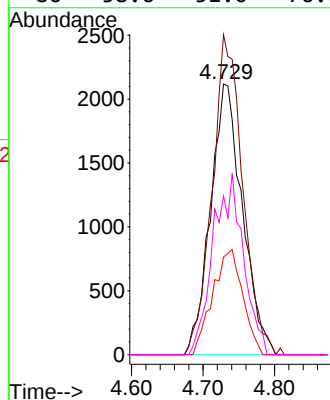
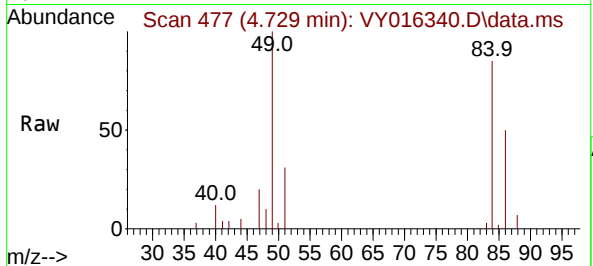


#20
Methylene Chloride
Concen: 2.525 ug/l
RT: 4.729 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY016340.D
Acq: 14 Nov 2023 11:47

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-110923

Tgt Ion: 84 Resp: 6564

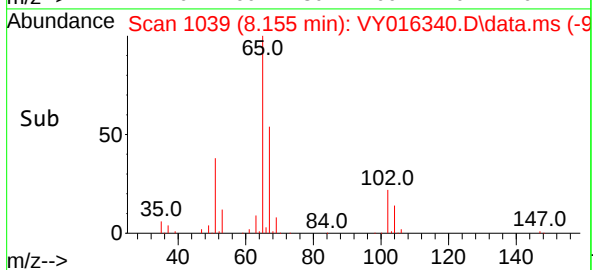
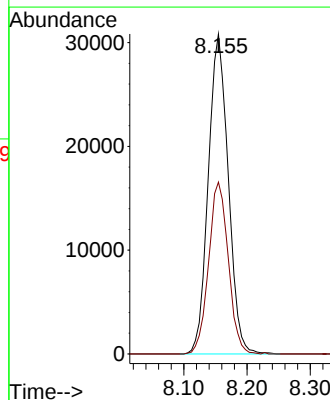
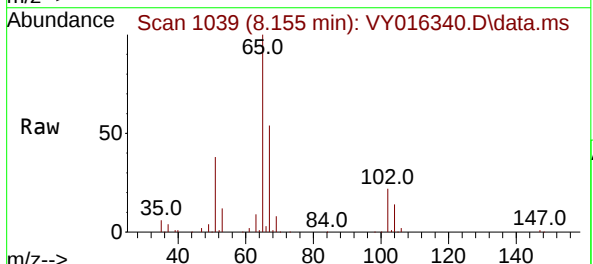
Ion	Ratio	Lower	Upper
84	100		
49	118.2	106.9	160.3
51	36.1	33.2	49.8
86	58.6	51.0	76.6

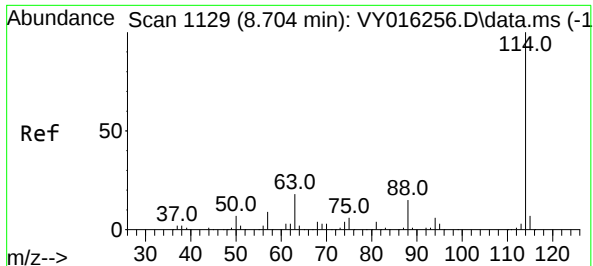


#33
1,2-Dichloroethane-d4
Concen: 70.063 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY016340.D
Acq: 14 Nov 2023 11:47

Tgt Ion: 65 Resp: 67507

Ion	Ratio	Lower	Upper
65	100		
67	52.9	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: VY016340.D

Acq: 14 Nov 2023 11:47

Instrument :

MSVOA_Y

ClientSampleId :

TR-04-110923

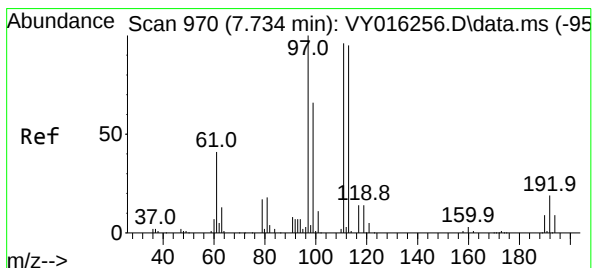
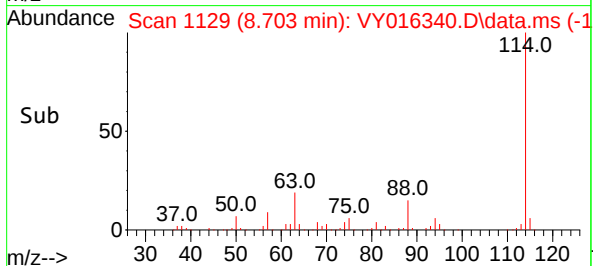
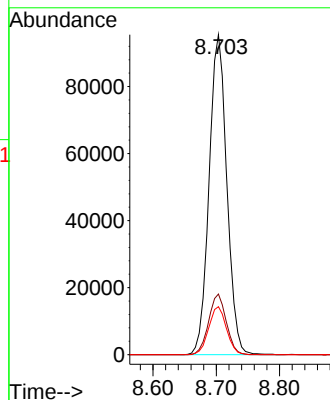
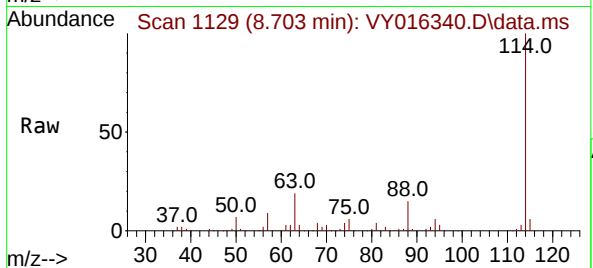
Tgt Ion:114 Resp: 185767

Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.351 ug/l

RT: 7.734 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY016340.D

Acq: 14 Nov 2023 11:47

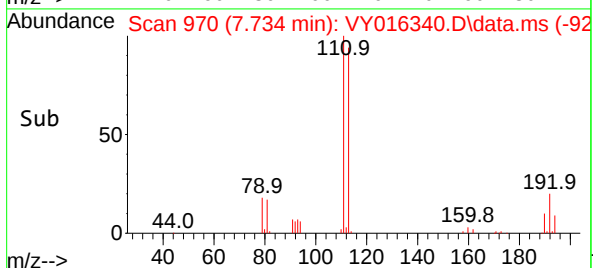
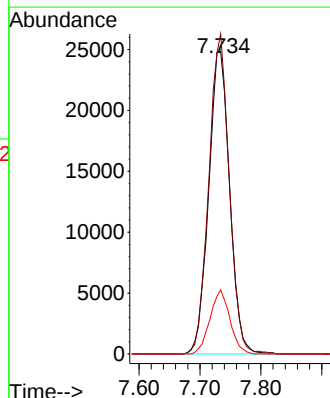
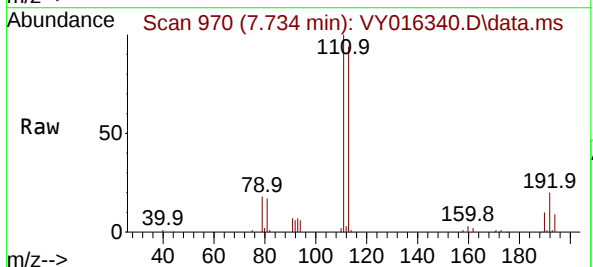
Tgt Ion:113 Resp: 59466

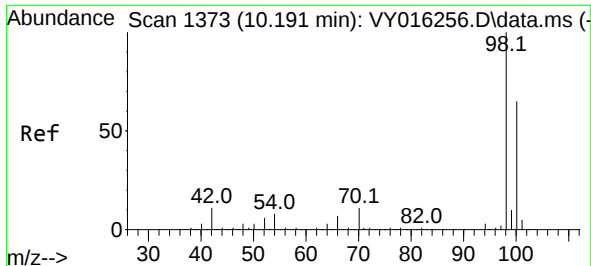
Ion Ratio Lower Upper

113 100

111 103.1 81.3 121.9

192 20.1 16.9 25.3

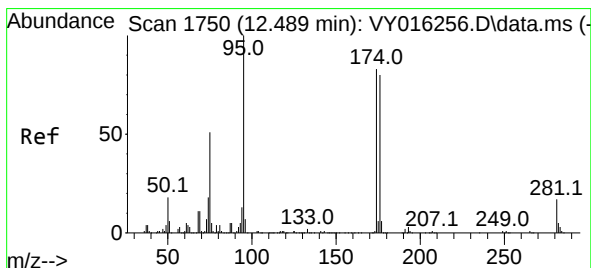
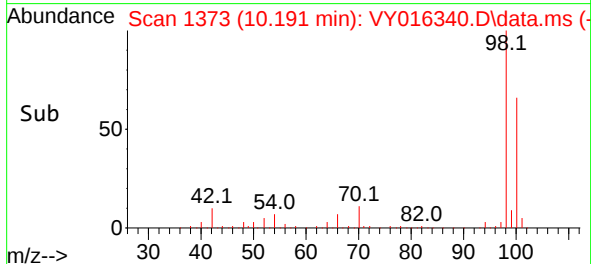
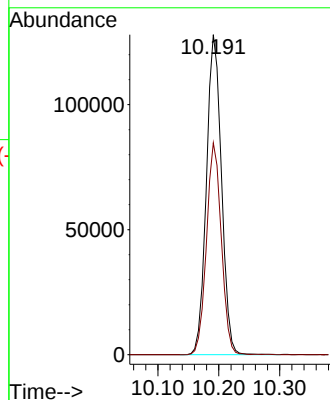
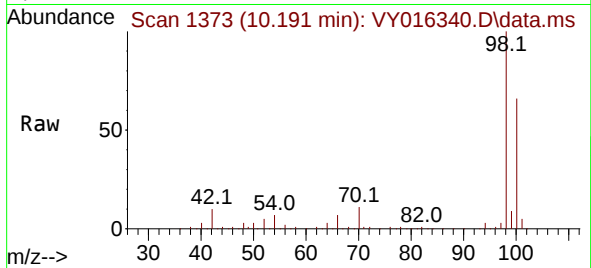




#50
Toluene-d8
Concen: 51.328 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016340.D
Acq: 14 Nov 2023 11:47

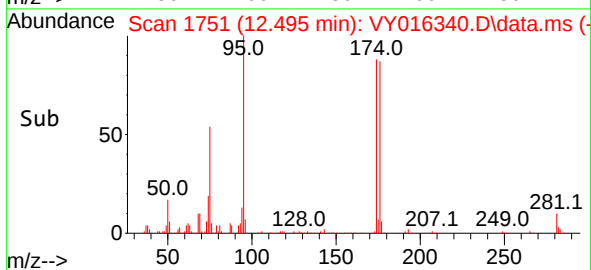
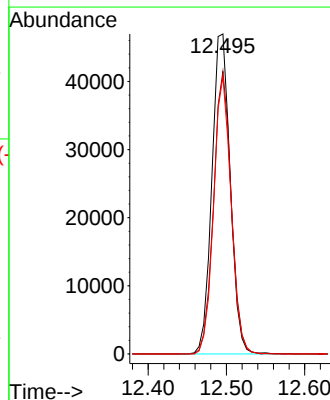
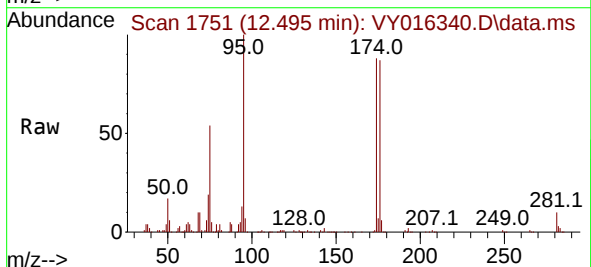
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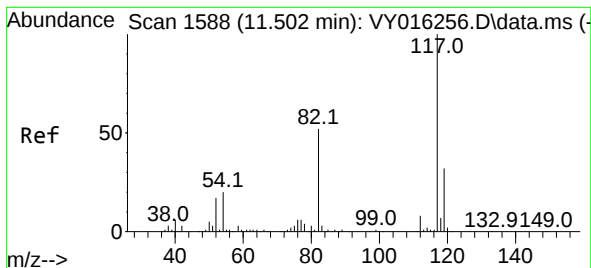
Tgt Ion: 98 Resp: 219652
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 54.813 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016340.D
Acq: 14 Nov 2023 11:47

Tgt Ion: 95 Resp: 76183
Ion Ratio Lower Upper
95 100
174 85.2 0.0 178.2
176 82.5 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: VY016340.D

Acq: 14 Nov 2023 11:47

Instrument :

MSVOA_Y

ClientSampleId :

TR-04-110923

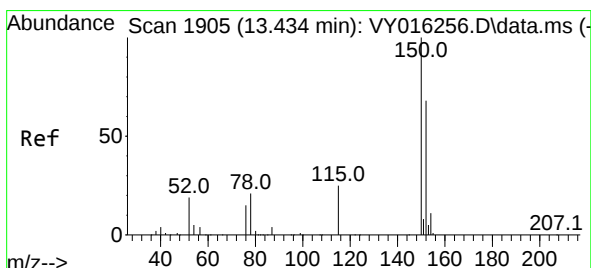
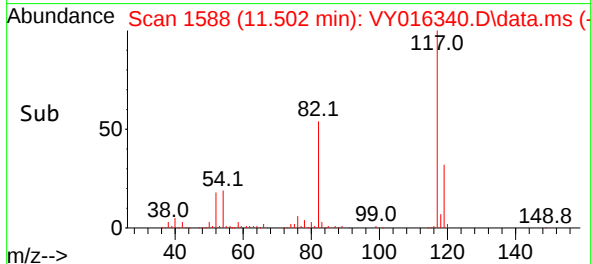
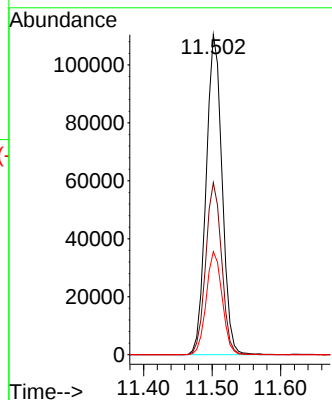
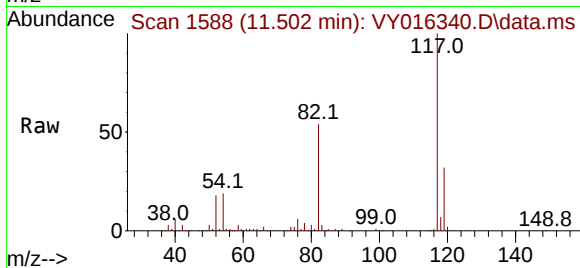
Tgt Ion:117 Resp: 179180

Ion Ratio Lower Upper

117 100

82 53.7 43.4 65.0

119 32.2 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VY016340.D

Acq: 14 Nov 2023 11:47

Tgt Ion:152 Resp: 81620

Ion Ratio Lower Upper

152 100

115 57.9 28.8 86.5

150 155.0 0.0 348.8

