

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
 Data File : VY016841.D
 Acq On : 23 Dec 2023 05:55
 Operator : SY/MD
 Sample : 05957-07
 Misc : 2.51g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COM29

Quant Time: Dec 23 06:09:28 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)

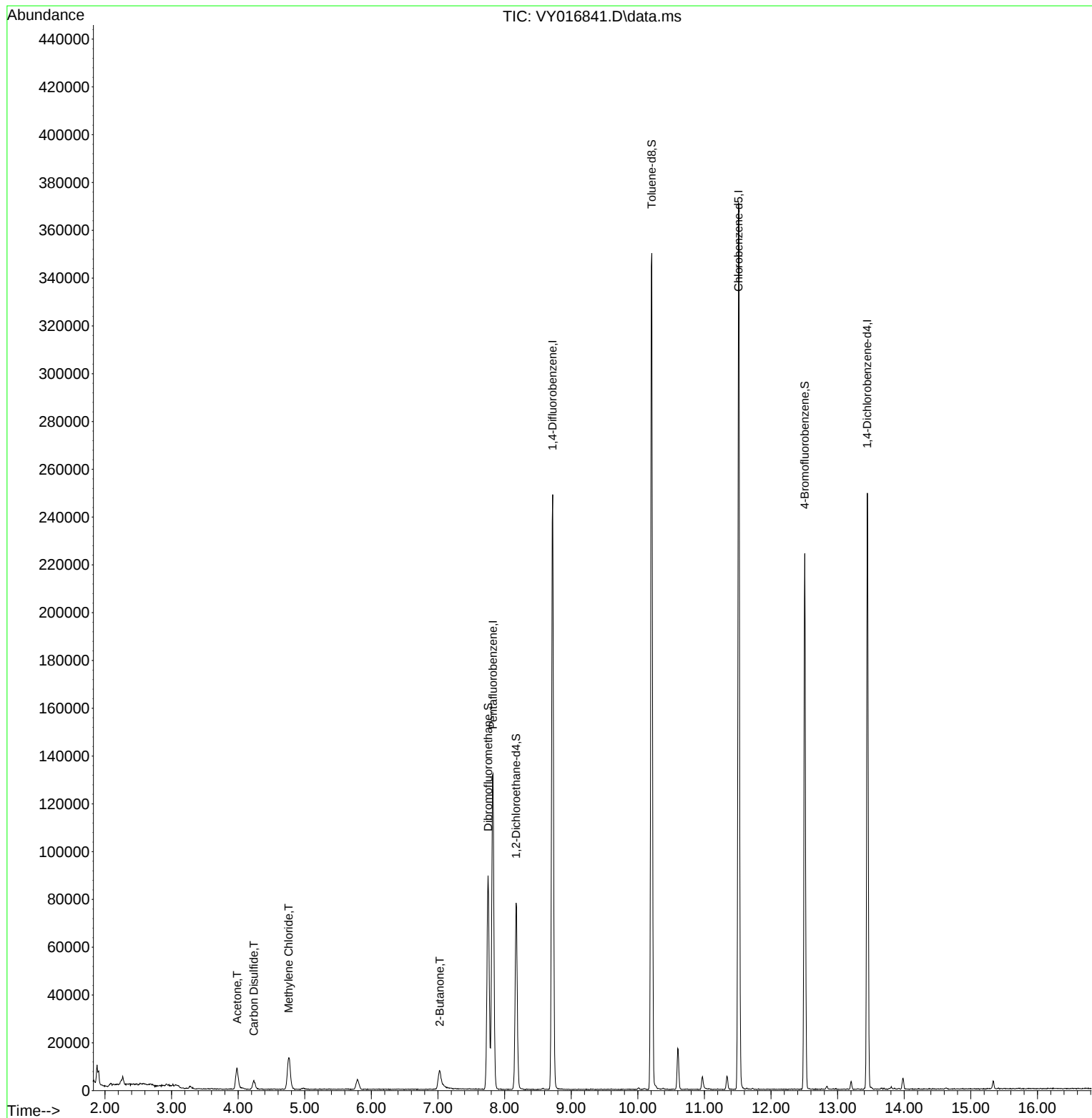
Internal Standards						
1) Pentafluorobenzene	7.826	168	99971	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.722	114	215546	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.514	117	202517	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.447	152	62363	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	59660	65.372	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.740%	
35) Dibromofluoromethane	7.752	113	65218	52.821	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.640%	
50) Toluene-d8	10.209	98	231903	52.102	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.200%	
62) 4-Bromofluorobenzene	12.508	95	64892	44.938	ug/l	0.02
Spiked Amount	50.000	Range	30 - 143	Recovery	= 89.880%	
Target Compounds						
						Qvalue
16) Acetone	3.985	43	16143	65.413	ug/l	98
17) Carbon Disulfide	4.235	76	6041	2.352	ug/l #	93
20) Methylene Chloride	4.759	84	10577	5.636	ug/l	97
25) 2-Butanone	7.027	43	6838	20.125	ug/l	91

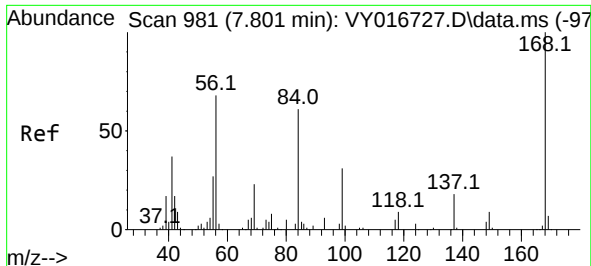
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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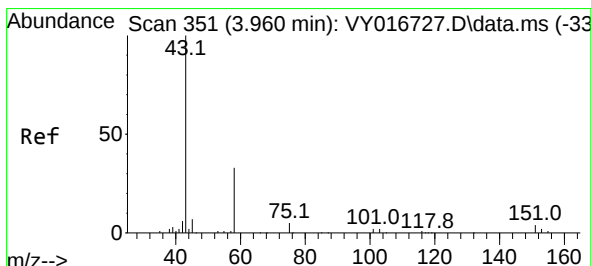
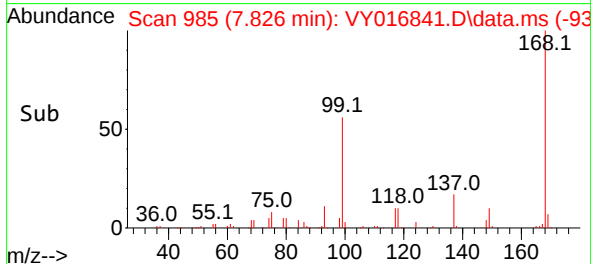
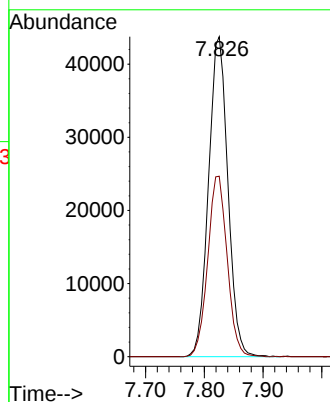
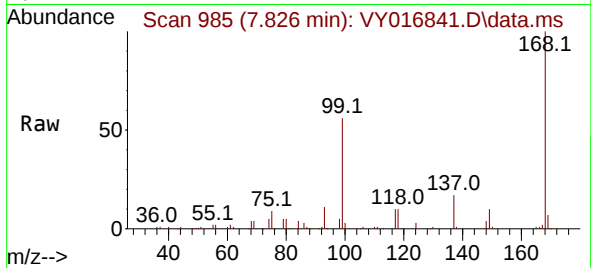




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.826 min Scan# 91
Delta R.T. 0.025 min
Lab File: VY016841.D
Acq: 23 Dec 2023 05:55

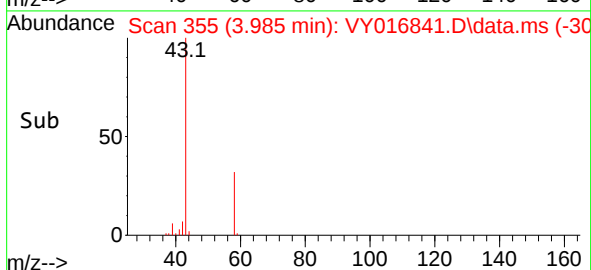
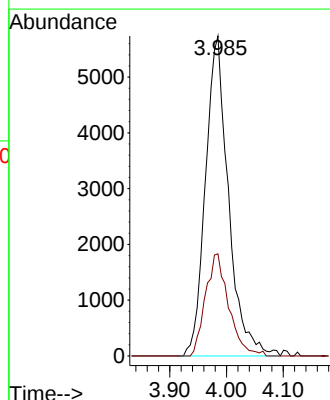
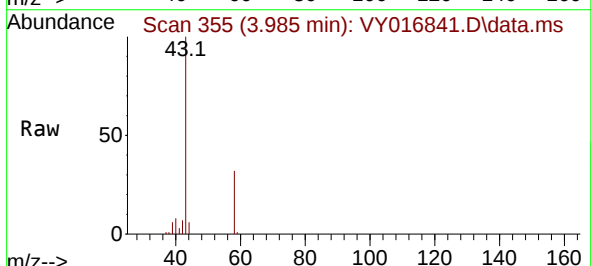
Instrument :
MSVOA_Y
ClientSampleId :
COM29

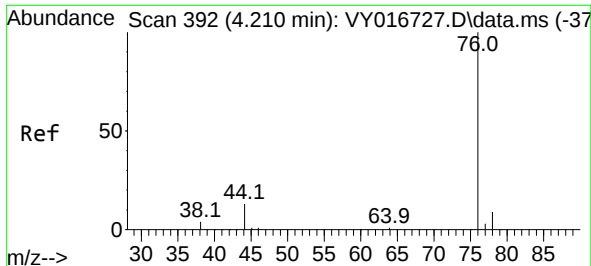
Tgt Ion:168 Resp: 99971
Ion Ratio Lower Upper
168 100
99 56.4 44.2 66.4



#16
Acetone
Concen: 65.413 ug/l
RT: 3.985 min Scan# 355
Delta R.T. 0.025 min
Lab File: VY016841.D
Acq: 23 Dec 2023 05:55

Tgt Ion: 43 Resp: 16143
Ion Ratio Lower Upper
43 100
58 31.9 26.6 39.8





#17

Carbon Disulfide

Concen: 2.352 ug/l

RT: 4.235 min Scan# 392

Delta R.T. 0.025 min

Lab File: VY016841.D

Acq: 23 Dec 2023 05:55

Instrument :

MSVOA_Y

ClientSampleId :

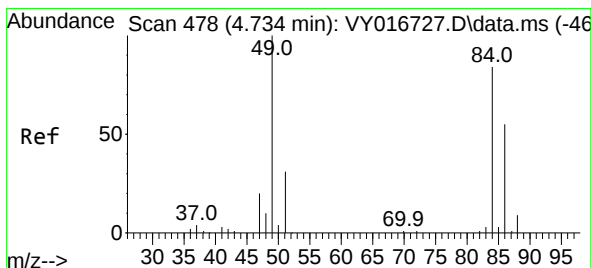
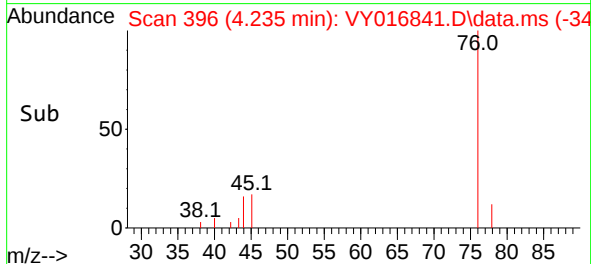
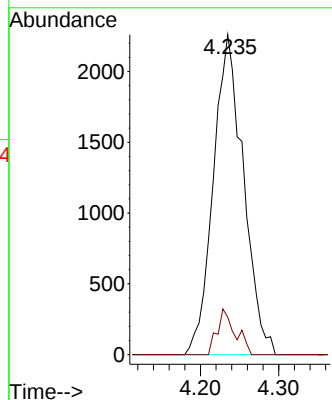
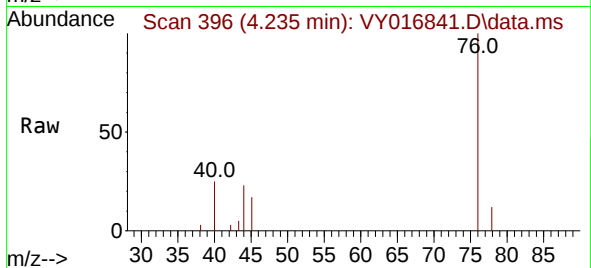
COM29

Tgt Ion: 76 Resp: 6041

Ion Ratio Lower Upper

76 100

78 11.7 7.4 11.0#



#20

Methylene Chloride

Concen: 5.636 ug/l

RT: 4.759 min Scan# 482

Delta R.T. 0.025 min

Lab File: VY016841.D

Acq: 23 Dec 2023 05:55

Tgt Ion: 84 Resp: 10577

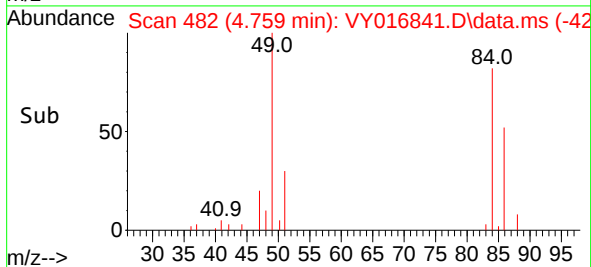
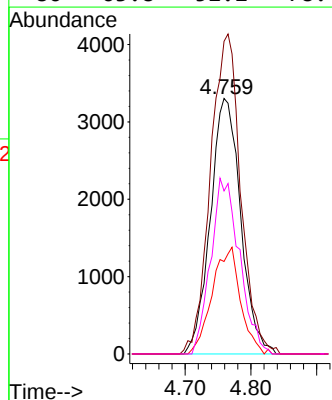
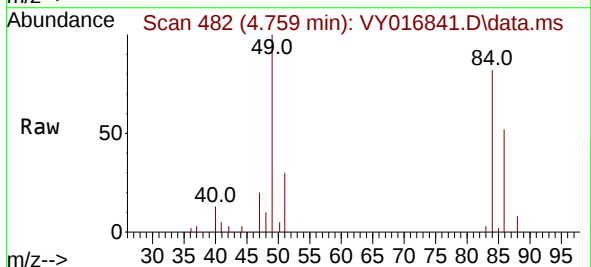
Ion Ratio Lower Upper

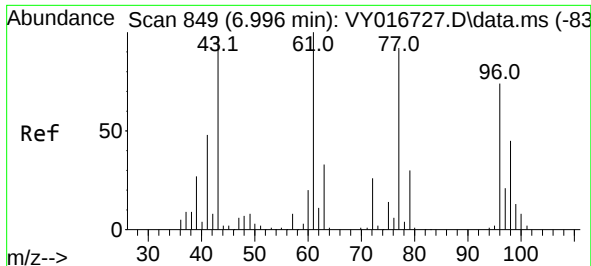
84 100

49 122.4 95.2 142.8

51 36.2 29.9 44.9

86 63.8 52.2 78.4

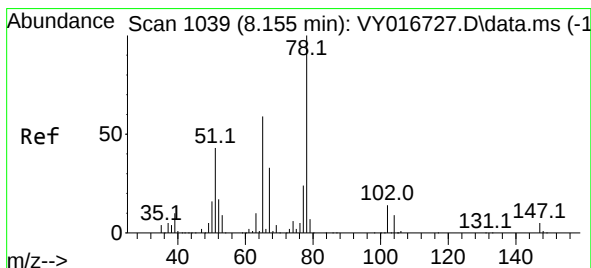
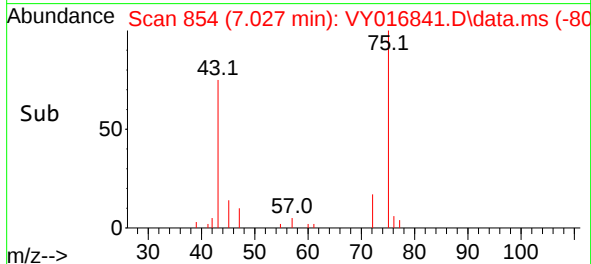
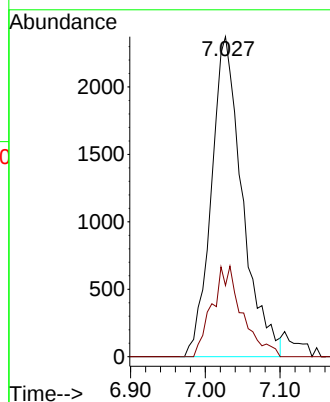
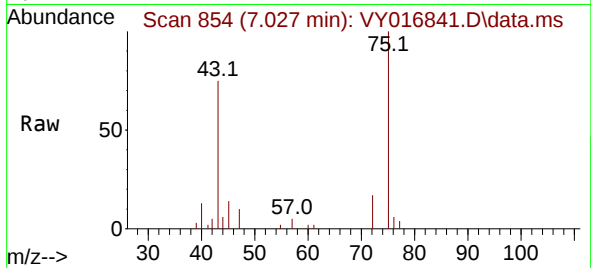




#25
2-Butanone
Concen: 20.125 ug/l
RT: 7.027 min Scan# 81
Delta R.T. 0.031 min
Lab File: VY016841.D
Acq: 23 Dec 2023 05:55

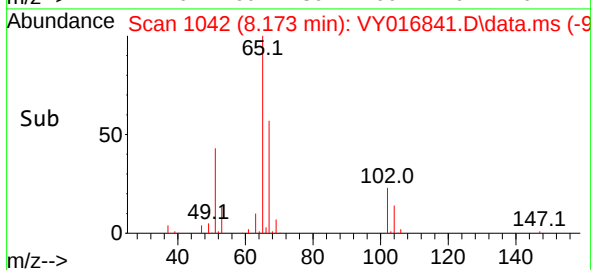
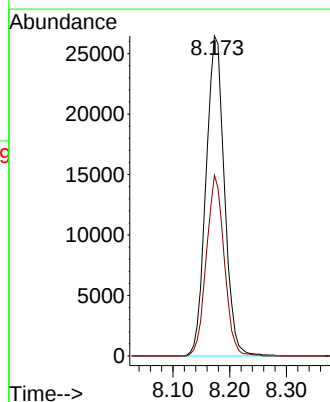
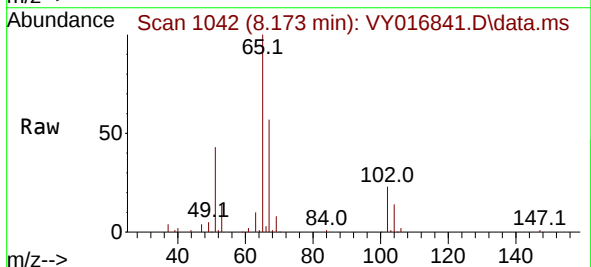
Instrument :
MSVOA_Y
ClientSampleId :
COM29

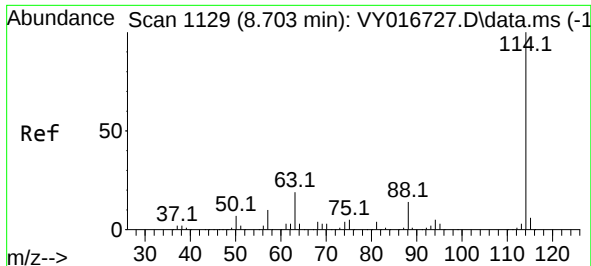
Tgt Ion: 43 Resp: 6838
Ion Ratio Lower Upper
43 100
72 22.3 21.4 32.2



#33
1,2-Dichloroethane-d4
Concen: 65.372 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.019 min
Lab File: VY016841.D
Acq: 23 Dec 2023 05:55

Tgt Ion: 65 Resp: 59660
Ion Ratio Lower Upper
65 100
67 54.8 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.722 min Scan# 1129

Delta R.T. 0.019 min

Lab File: VY016841.D

Acq: 23 Dec 2023 05:55

Instrument :

MSVOA_Y

ClientSampleId :

COM29

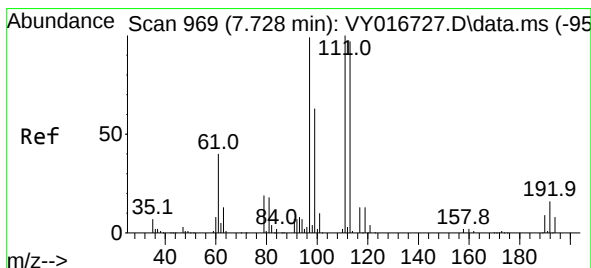
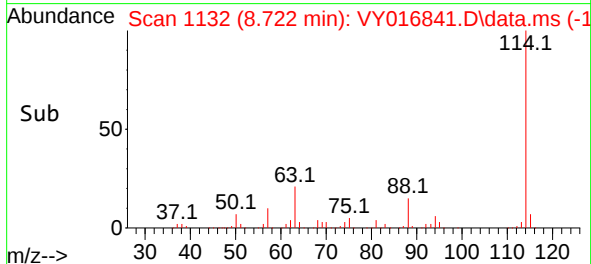
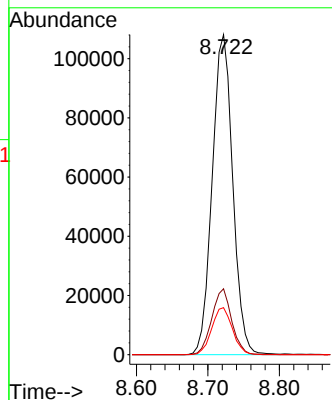
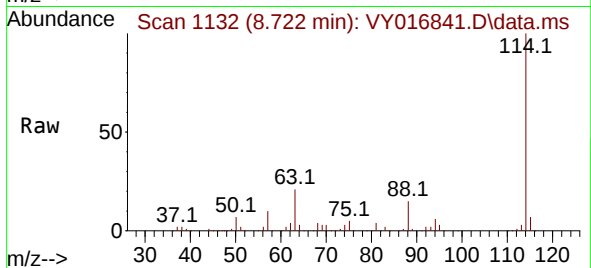
Tgt Ion:114 Resp: 215546

Ion Ratio Lower Upper

114 100

63 20.6 0.0 37.4

88 14.7 0.0 29.0



#35

Dibromofluoromethane

Concen: 52.821 ug/l

RT: 7.752 min Scan# 973

Delta R.T. 0.025 min

Lab File: VY016841.D

Acq: 23 Dec 2023 05:55

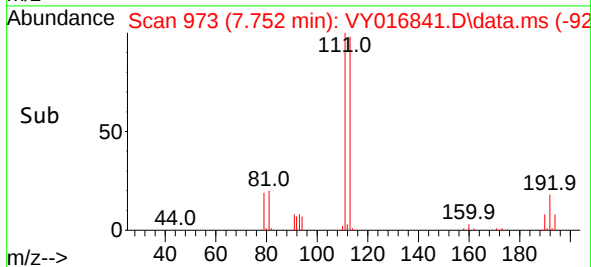
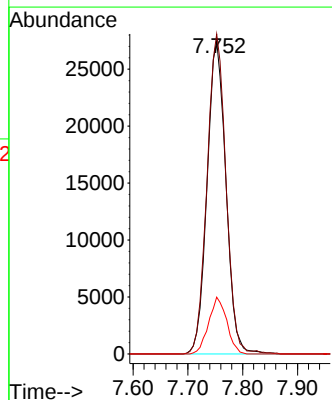
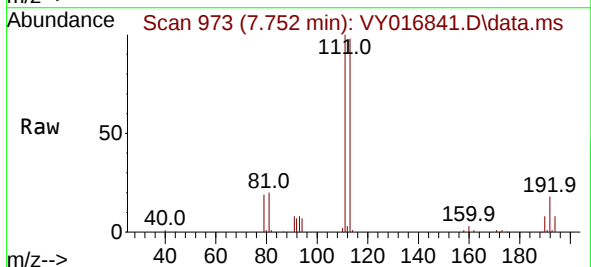
Tgt Ion:113 Resp: 65218

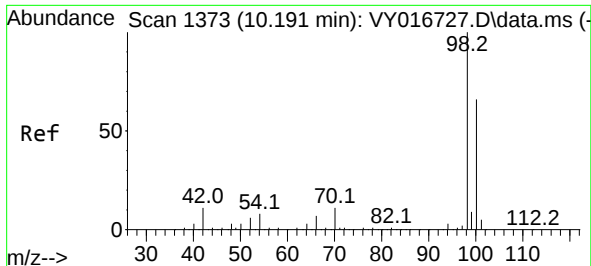
Ion Ratio Lower Upper

113 100

111 103.1 83.8 125.6

192 17.6 14.5 21.7

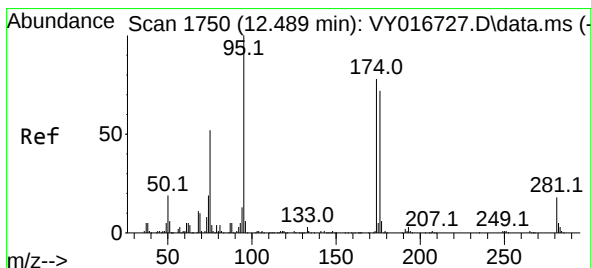
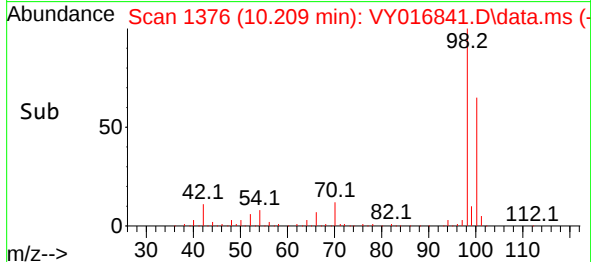
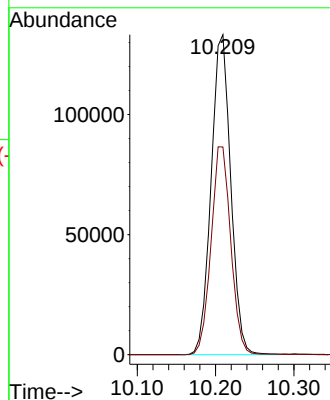
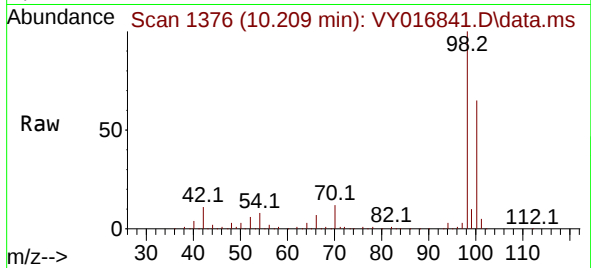




#50
Toluene-d8
Concen: 52.102 ug/l
RT: 10.209 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY016841.D
Acq: 23 Dec 2023 05:55

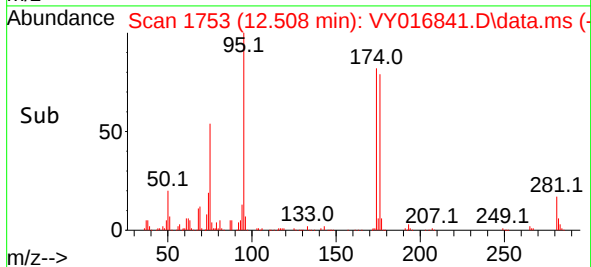
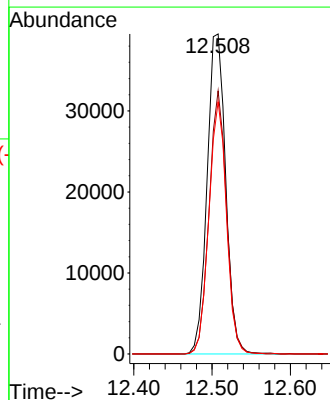
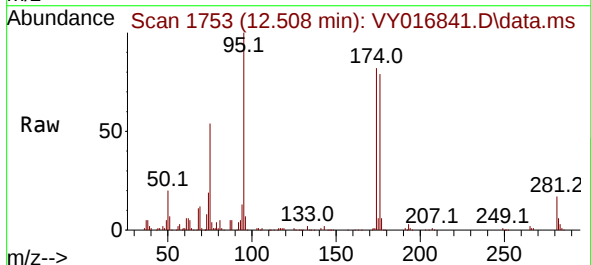
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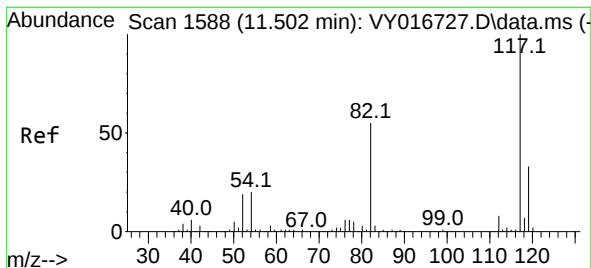
Tgt Ion: 98 Resp: 231903
Ion Ratio Lower Upper
98 100
100 65.4 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 44.938 ug/l
RT: 12.508 min Scan# 1753
Delta R.T. 0.019 min
Lab File: VY016841.D
Acq: 23 Dec 2023 05:55

Tgt Ion: 95 Resp: 64892
Ion Ratio Lower Upper
95 100
174 78.0 0.0 160.0
176 74.7 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016841.D

Acq: 23 Dec 2023 05:55

Instrument :

MSVOA_Y

ClientSampleId :

COM29

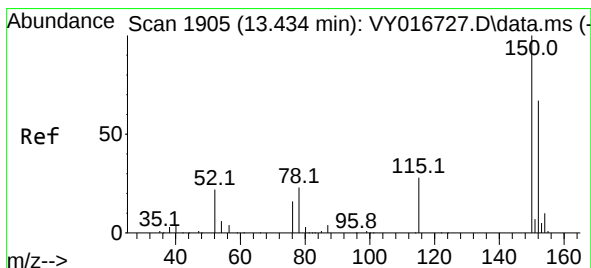
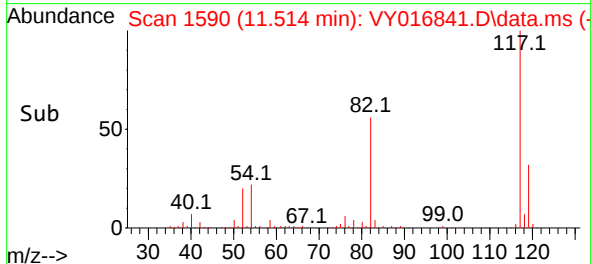
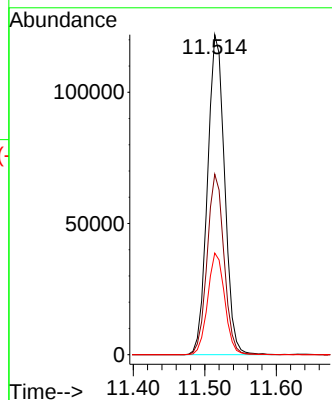
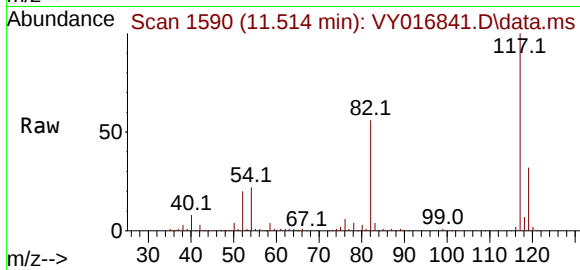
Tgt Ion:117 Resp: 202517

Ion Ratio Lower Upper

117 100

82 56.4 43.8 65.8

119 31.8 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.012 min

Lab File: VY016841.D

Acq: 23 Dec 2023 05:55

Tgt Ion:152 Resp: 62363

Ion Ratio Lower Upper

152 100

115 59.4 30.0 90.0

150 157.5 0.0 344.6

