

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
 Data File : VY016820.D
 Acq On : 22 Dec 2023 19:54
 Operator : SY/MD
 Sample : 05879-16
 Misc : 4.26g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COM26

Quant Time: Dec 22 23:04:51 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)

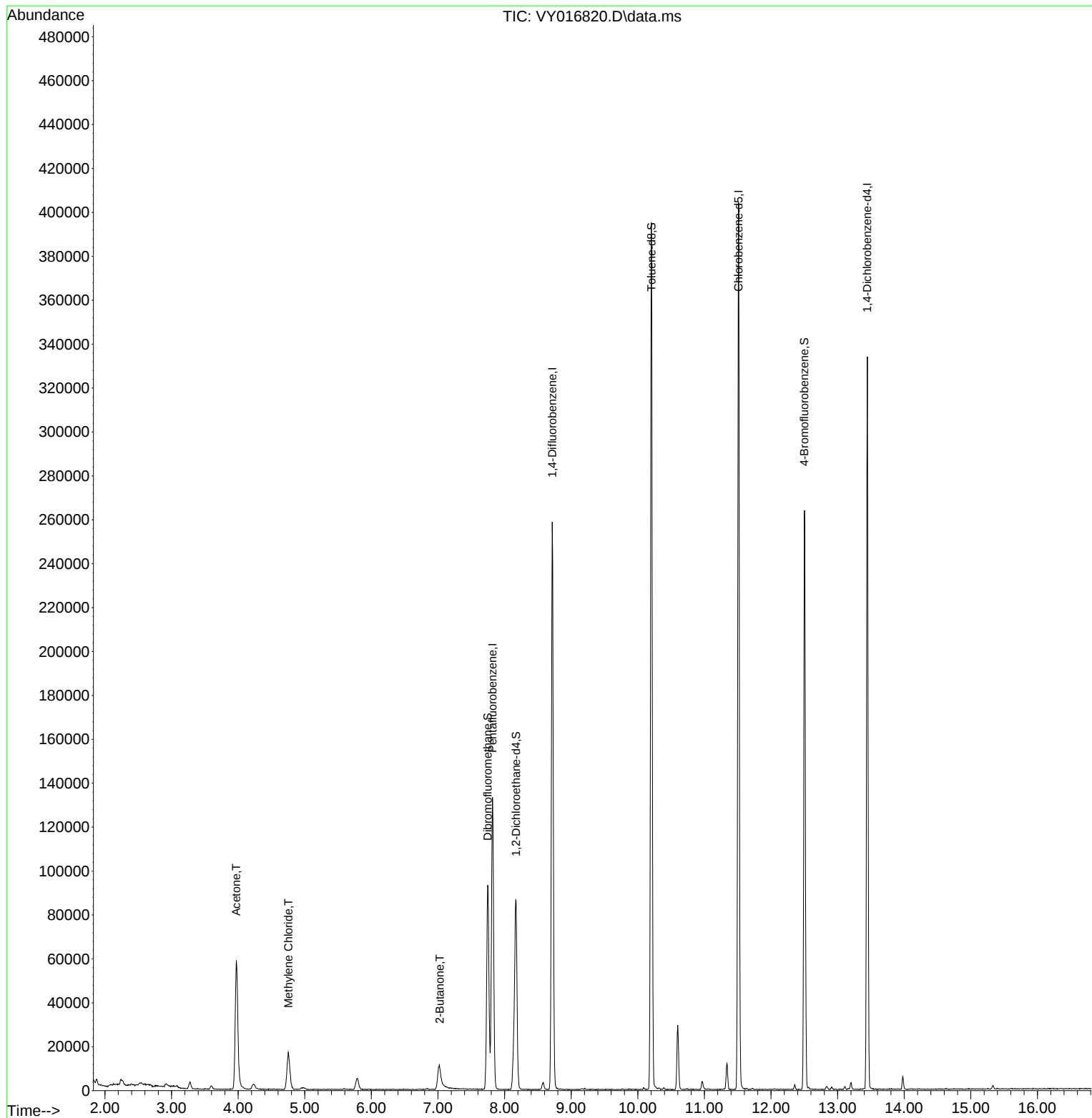
Internal Standards						
1) Pentafluorobenzene	7.819	168	100117	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	222555	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	217918	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	79308	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	62365	68.236	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.480%
35) Dibromofluoromethane	7.746	113	68527	53.753	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.500%
50) Toluene-d8	10.203	98	252824	55.013	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.020%
62) 4-Bromofluorobenzene	12.501	95	77720	52.127	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.260%
Target Compounds					Qvalue	
16) Acetone	3.972	43	105548	427.068	ug/l	98
20) Methylene Chloride	4.753	84	12284	7.009	ug/l	96
25) 2-Butanone	7.027	43	8099	23.801	ug/l	91

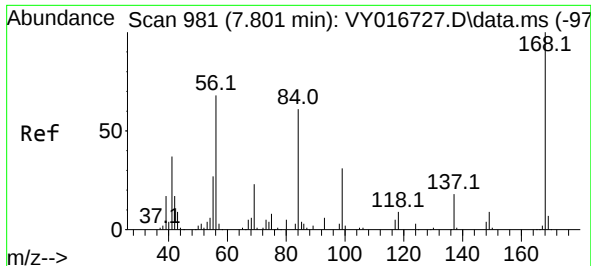
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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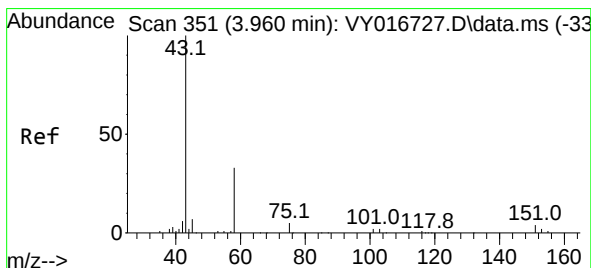
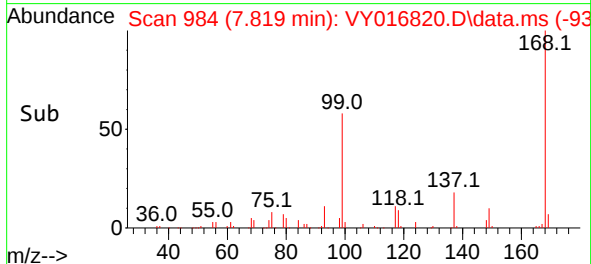
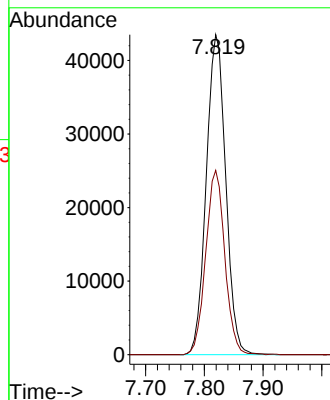
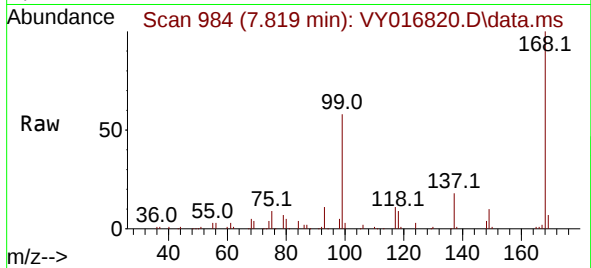




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 981
Delta R.T. 0.018 min
Lab File: VY016820.D
Acq: 22 Dec 2023 19:54

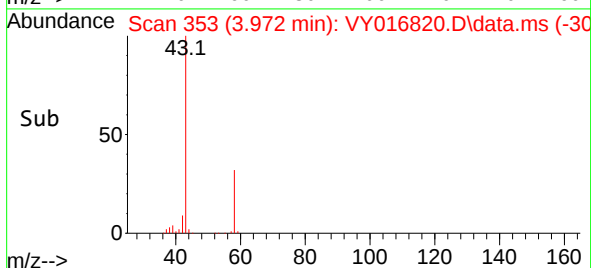
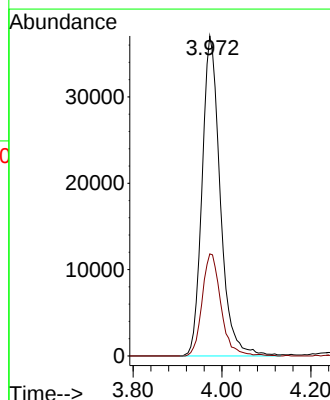
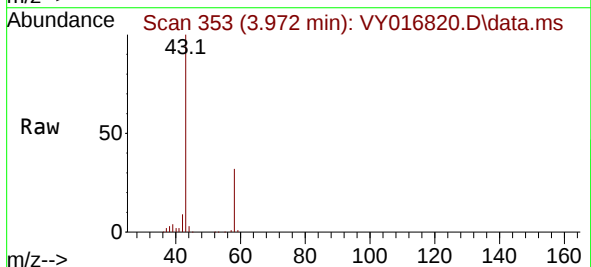
Instrument :
MSVOA_Y
ClientSampleId :
COM26

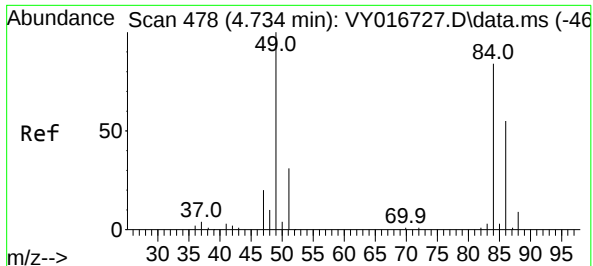
Tgt Ion:168 Resp: 100117
Ion Ratio Lower Upper
168 100
99 57.6 44.2 66.4



#16
Acetone
Concen: 427.068 ug/l
RT: 3.972 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY016820.D
Acq: 22 Dec 2023 19:54

Tgt Ion: 43 Resp: 105548
Ion Ratio Lower Upper
43 100
58 31.9 26.6 39.8





#20

Methylene Chloride

Concen: 7.009 ug/l

RT: 4.753 min Scan# 41

Delta R.T. 0.019 min

Lab File: VY016820.D

Acq: 22 Dec 2023 19:54

Instrument :

MSVOA_Y

ClientSampleId :

COM26

Tgt Ion: 84 Resp: 12284

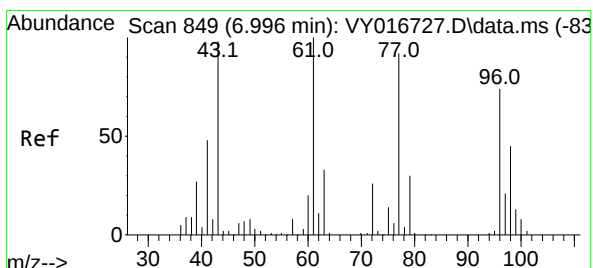
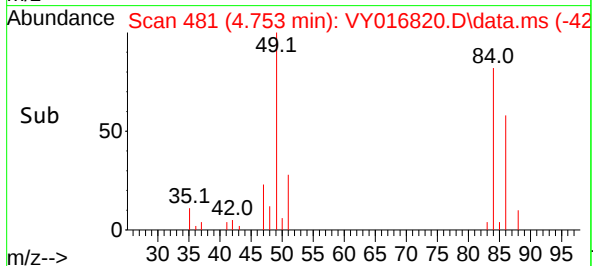
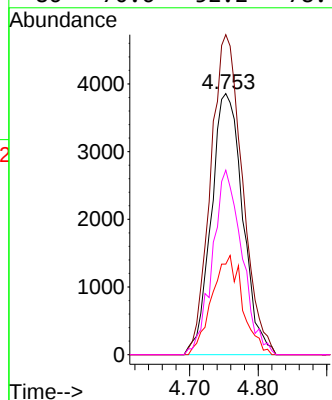
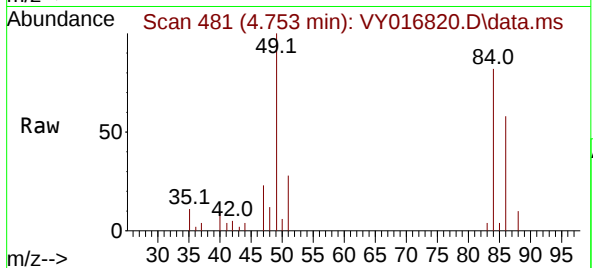
Ion Ratio Lower Upper

84 100

49 122.5 95.2 142.8

51 34.6 29.9 44.9

86 70.6 52.2 78.4



#25

2-Butanone

Concen: 23.801 ug/l

RT: 7.027 min Scan# 854

Delta R.T. 0.031 min

Lab File: VY016820.D

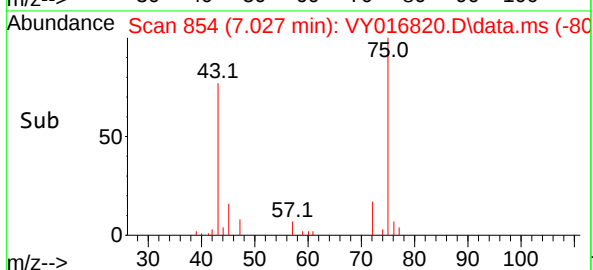
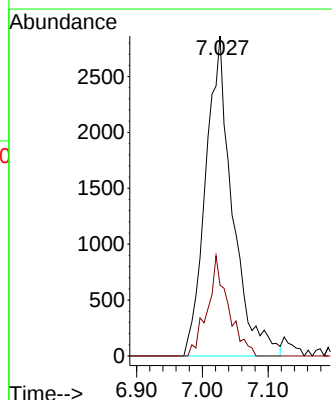
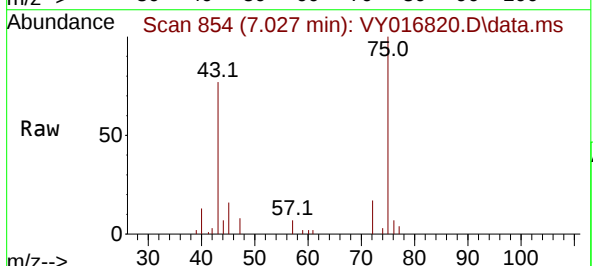
Acq: 22 Dec 2023 19:54

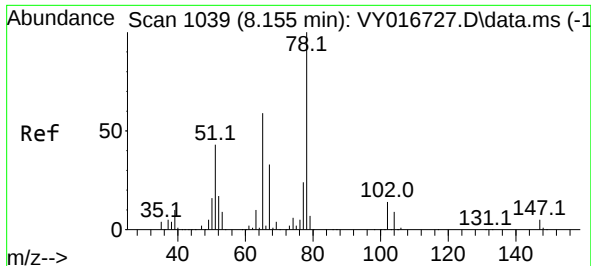
Tgt Ion: 43 Resp: 8099

Ion Ratio Lower Upper

43 100

72 22.1 21.4 32.2





#33

1,2-Dichloroethane-d4

Concen: 68.236 ug/l

RT: 8.173 min Scan# 1103

Delta R.T. 0.018 min

Lab File: VY016820.D

Acq: 22 Dec 2023 19:54

Instrument :

MSVOA_Y

ClientSampleId :

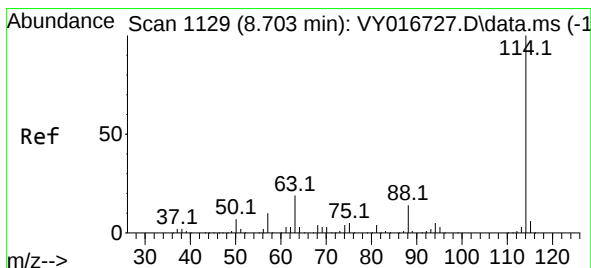
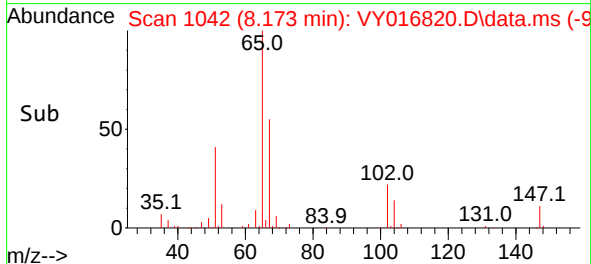
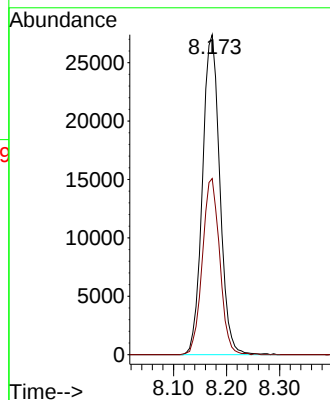
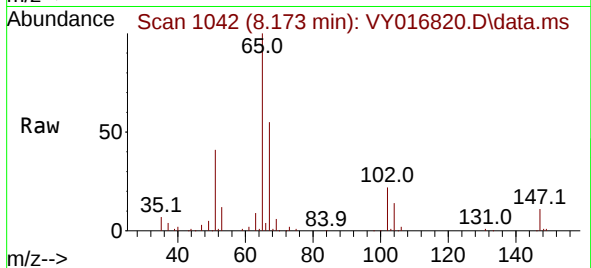
COM26

Tgt Ion: 65 Resp: 62365

Ion Ratio Lower Upper

65 100

67 55.0 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1131

Delta R.T. 0.013 min

Lab File: VY016820.D

Acq: 22 Dec 2023 19:54

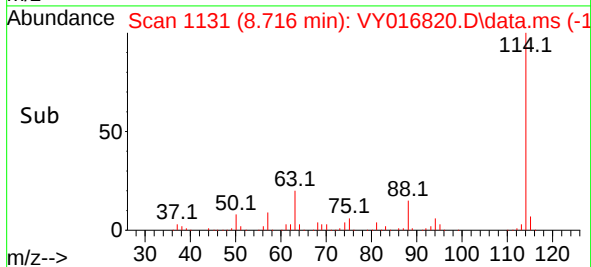
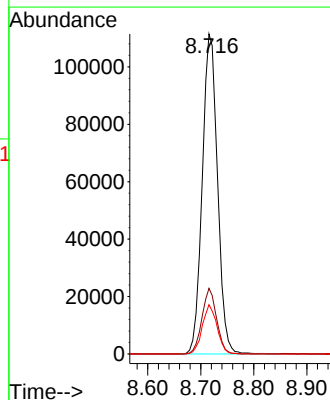
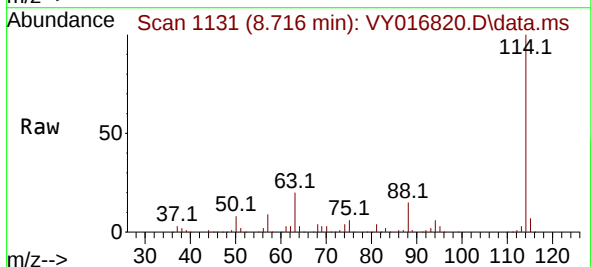
Tgt Ion: 114 Resp: 222555

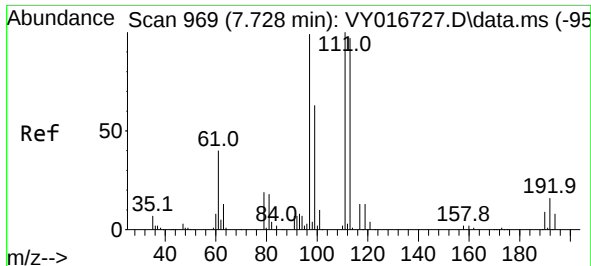
Ion Ratio Lower Upper

114 100

63 20.5 0.0 37.4

88 15.4 0.0 29.0

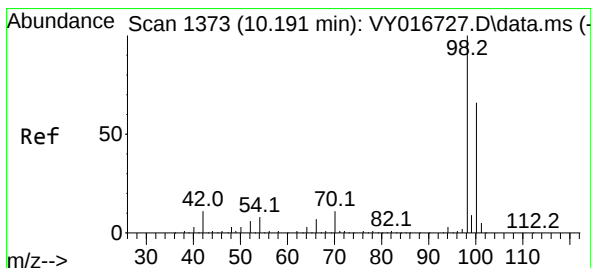
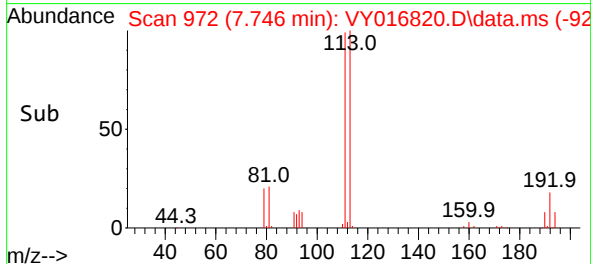
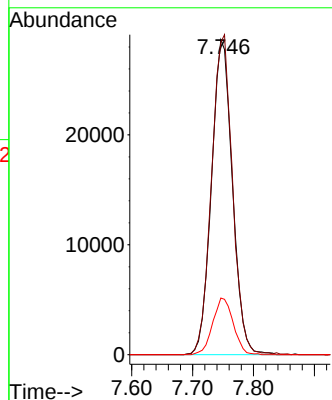
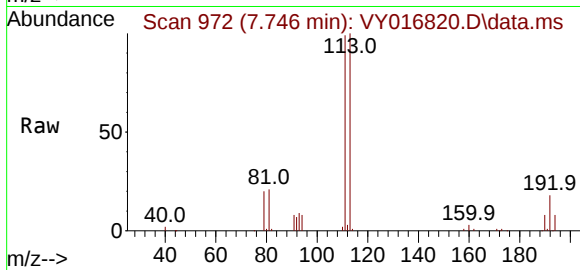




#35
Dibromofluoromethane
Concen: 53.753 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY016820.D
Acq: 22 Dec 2023 19:54

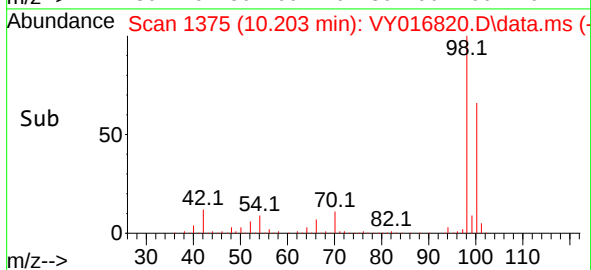
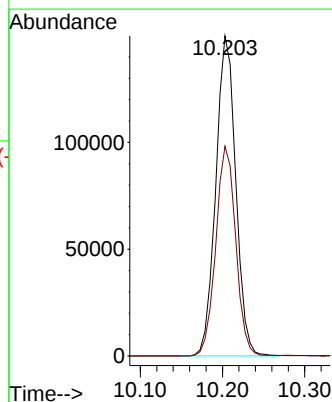
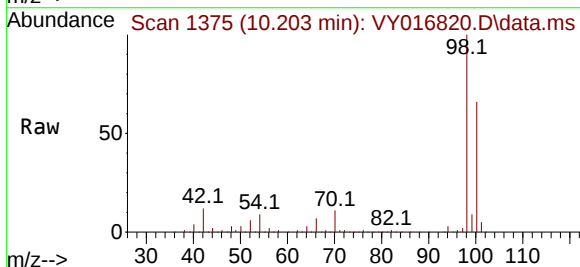
Instrument :
MSVOA_Y
ClientSampleId :
COM26

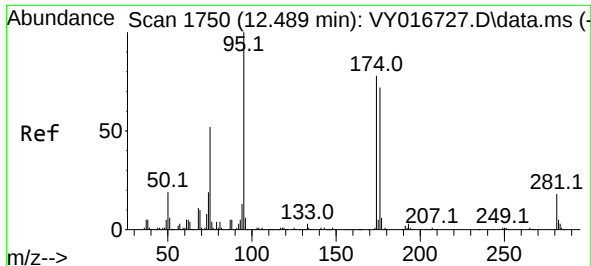
Tgt Ion:113 Resp: 68527
Ion Ratio Lower Upper
113 100
111 101.4 83.8 125.6
192 17.6 14.5 21.7



#50
Toluene-d8
Concen: 55.013 ug/l
RT: 10.203 min Scan# 1375
Delta R.T. 0.012 min
Lab File: VY016820.D
Acq: 22 Dec 2023 19:54

Tgt Ion: 98 Resp: 252824
Ion Ratio Lower Upper
98 100
100 65.6 52.3 78.5

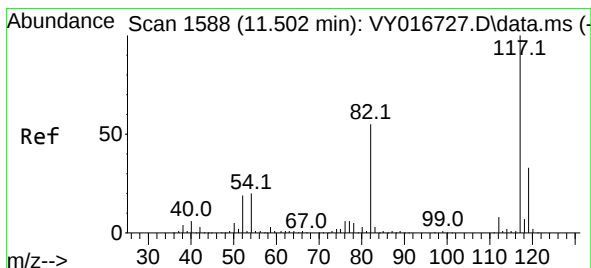
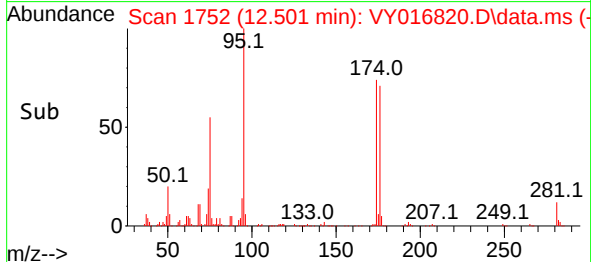
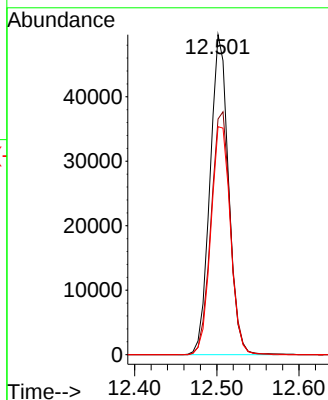
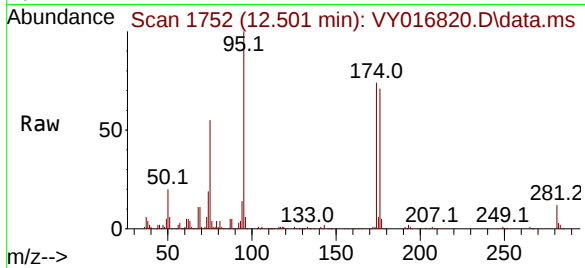




#62
4-Bromofluorobenzene
Concen: 52.127 ug/l
RT: 12.501 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016820.D
Acq: 22 Dec 2023 19:54

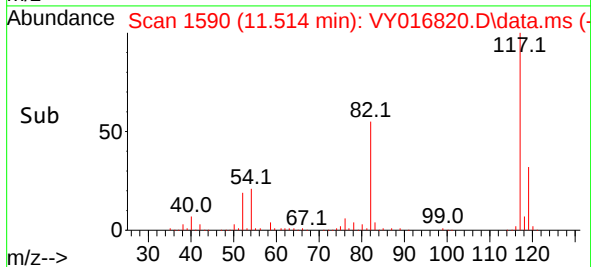
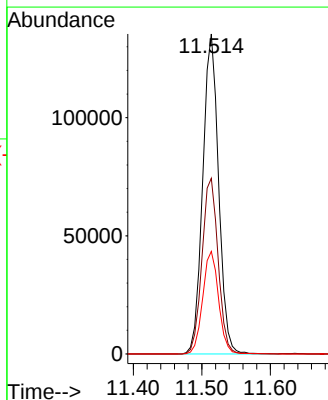
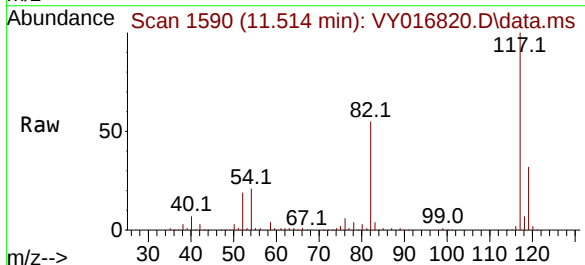
Instrument :
MSVOA_Y
ClientSampleId :
COM26

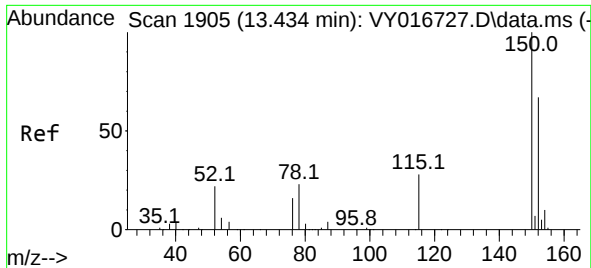
Tgt Ion: 95 Resp: 77720
Ion Ratio Lower Upper
95 100
174 79.7 0.0 160.0
176 75.0 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.012 min
Lab File: VY016820.D
Acq: 22 Dec 2023 19:54

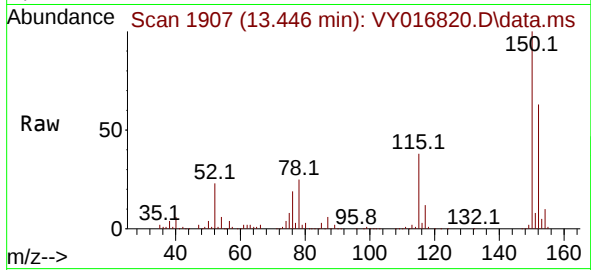
Tgt Ion: 117 Resp: 217918
Ion Ratio Lower Upper
117 100
82 54.9 43.8 65.8
119 32.0 26.5 39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. 0.012 min
 Lab File: VY016820.D
 Acq: 22 Dec 2023 19:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 COM26



Tgt Ion:152 Resp: 79308
 Ion Ratio Lower Upper
 152 100
 115 60.9 30.0 90.0
 150 159.8 0.0 344.6

