

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010524\
 Data File : VY016919.D
 Acq On : 05 Jan 2024 13:42
 Operator : SY/MD
 Sample : P1015-03
 Misc : 5.25g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MR-301P-25-27

Quant Time: Jan 05 22:35:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

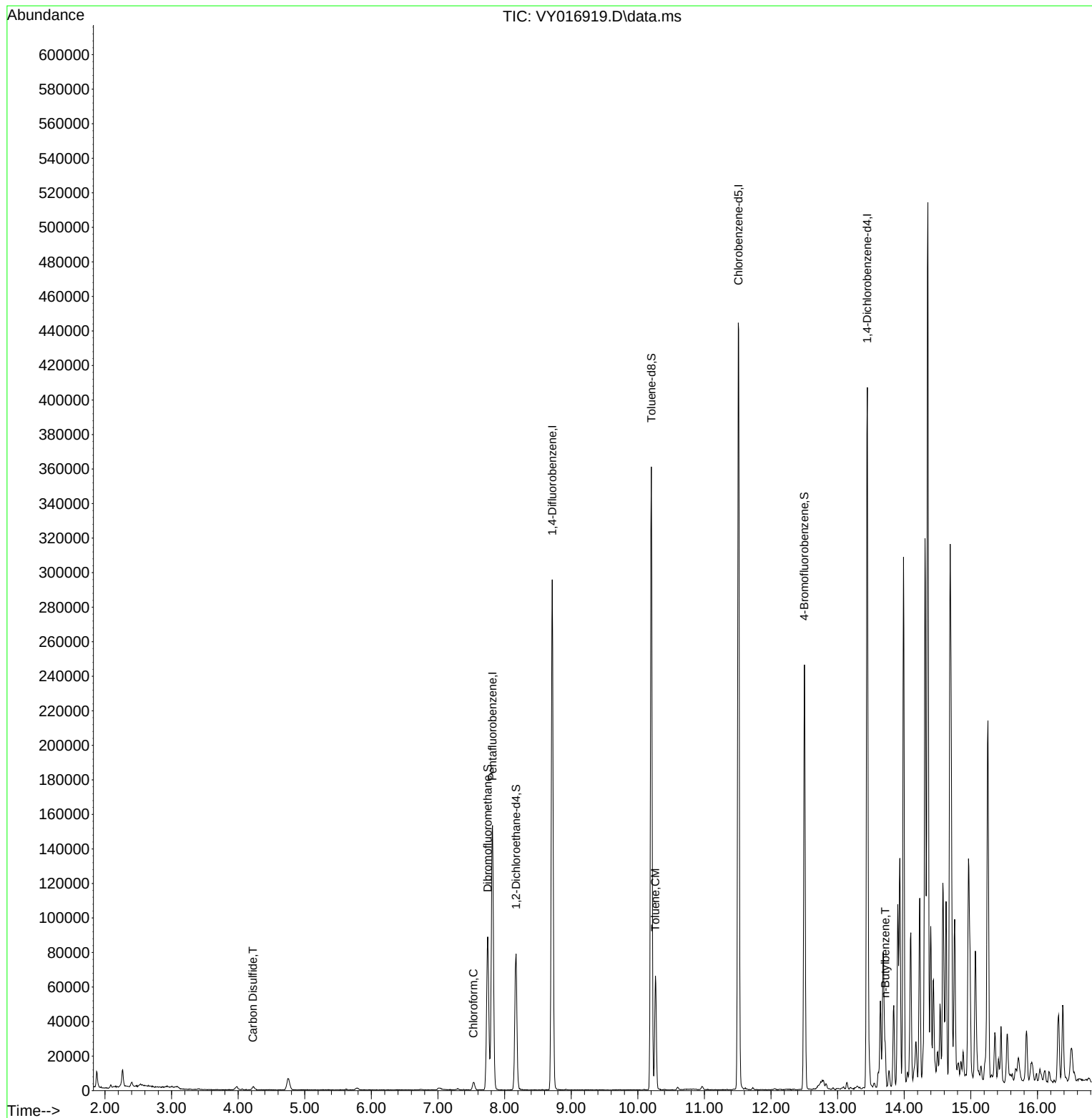
Internal Standards						
1) Pentafluorobenzene	7.819	168	116847	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	253891	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	247103	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	101476	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	60645	52.512	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.020%
35) Dibromofluoromethane	7.746	113	63958	39.532	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.060%
50) Toluene-d8	10.203	98	233933	41.990	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	83.980%
62) 4-Bromofluorobenzene	12.501	95	76970	40.949	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.900%
Target Compounds						
						Qvalue
17) Carbon Disulfide	4.222	76	3640	1.369	ug/l	96
30) Chloroform	7.533	83	4451	1.767	ug/l	89
52) Toluene	10.264	92	27849	6.524	ug/l	100
89) n-Butylbenzene	13.715	91	12036	1.773	ug/l #	76

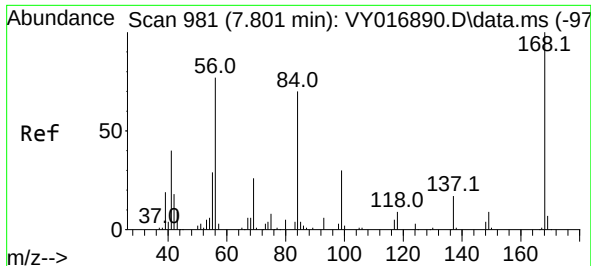
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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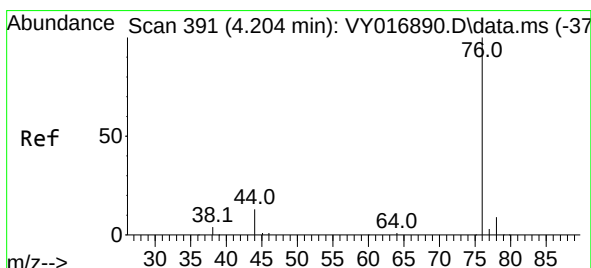
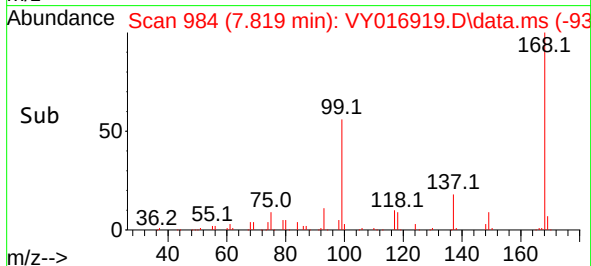
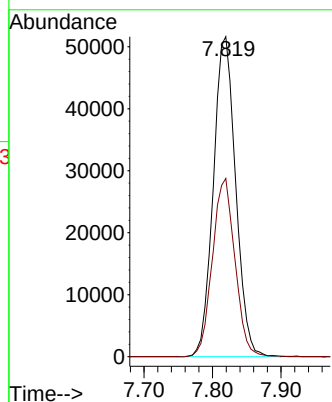
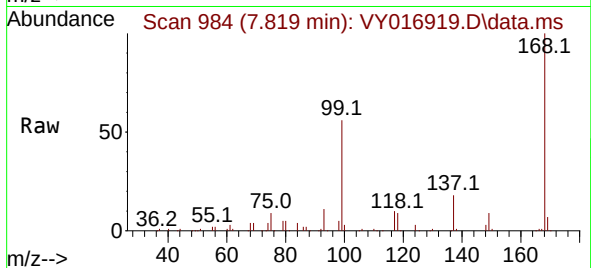




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 984
Delta R.T. 0.018 min
Lab File: VY016919.D
Acq: 05 Jan 2024 13:42

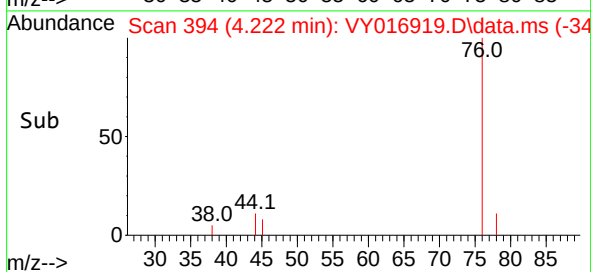
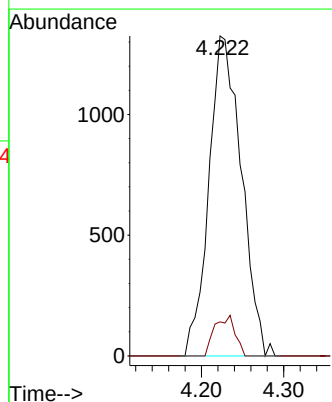
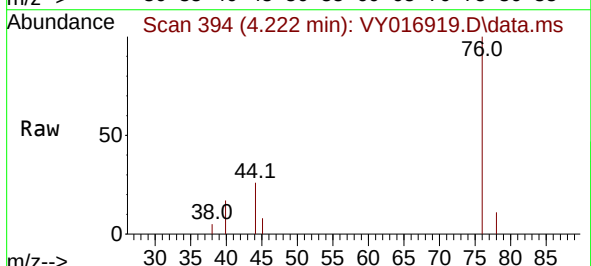
Instrument :
MSVOA_Y
ClientSampleId :
MR-301P-25-27

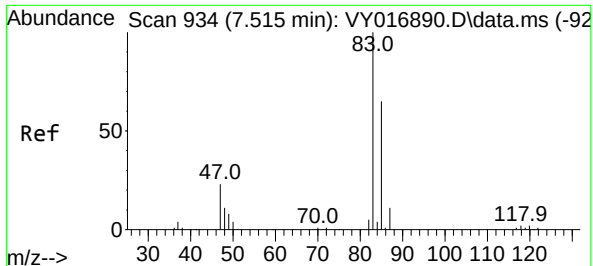
Tgt Ion:168 Resp: 116847
Ion Ratio Lower Upper
168 100
99 55.7 44.2 66.4



#17
Carbon Disulfide
Concen: 1.369 ug/l
RT: 4.222 min Scan# 394
Delta R.T. 0.012 min
Lab File: VY016919.D
Acq: 05 Jan 2024 13:42

Tgt Ion: 76 Resp: 3640
Ion Ratio Lower Upper
76 100
78 10.6 7.4 11.0

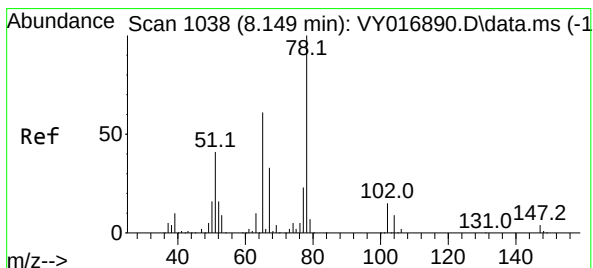
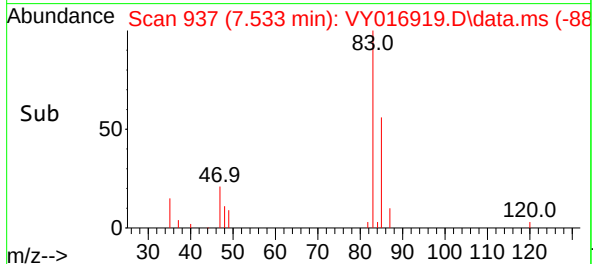
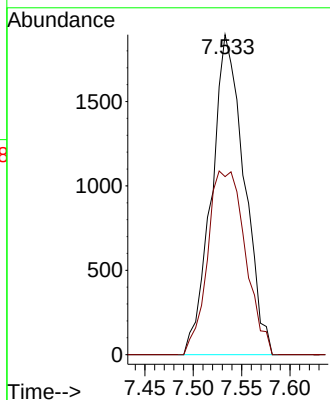
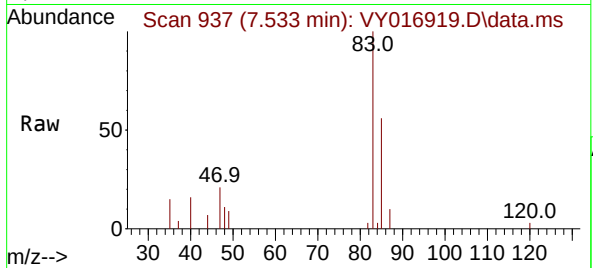




#30
Chloroform
Concen: 1.767 ug/l
RT: 7.533 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016919.D
Acq: 05 Jan 2024 13:42

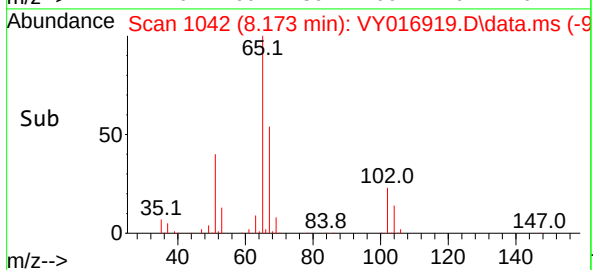
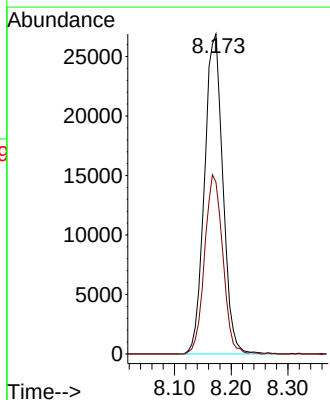
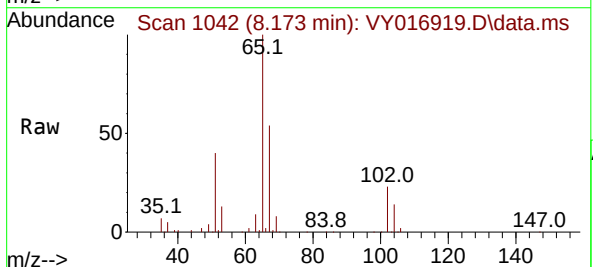
Instrument :
MSVOA_Y
ClientSampleId :
MR-301P-25-27

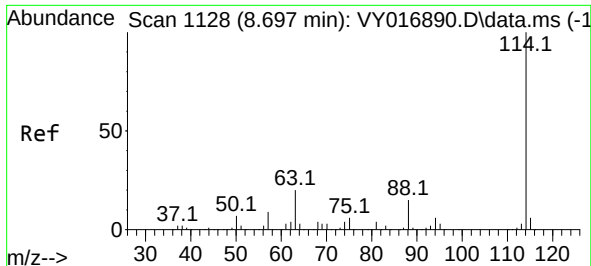
Tgt Ion: 83 Resp: 4451
Ion Ratio Lower Upper
83 100
85 55.6 51.2 76.8



#33
1,2-Dichloroethane-d4
Concen: 52.512 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.018 min
Lab File: VY016919.D
Acq: 05 Jan 2024 13:42

Tgt Ion: 65 Resp: 60645
Ion Ratio Lower Upper
65 100
67 55.3 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1128

Delta R.T. 0.013 min

Lab File: VY016919.D

Acq: 05 Jan 2024 13:42

Instrument :

MSVOA_Y

ClientSampleId :

MR-301P-25-27

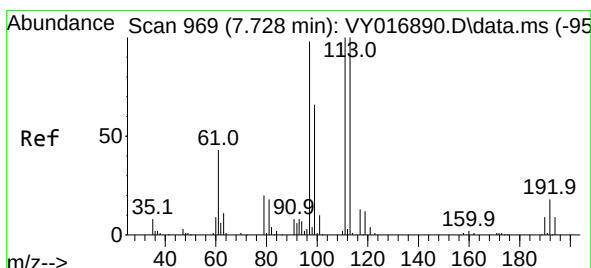
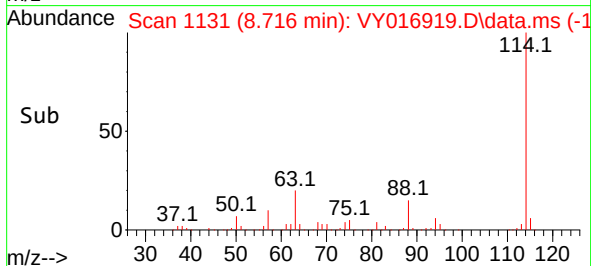
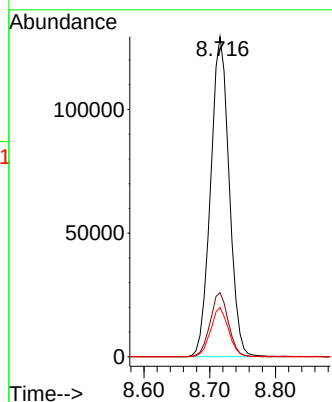
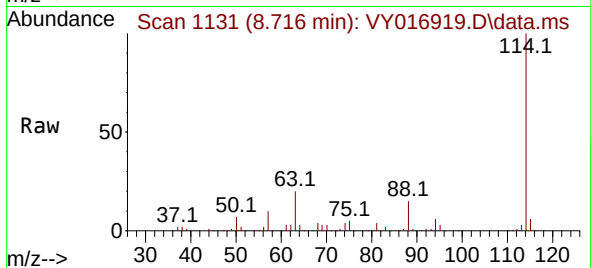
Tgt Ion:114 Resp: 253891

Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.4

88 15.3 0.0 29.0



#35

Dibromofluoromethane

Concen: 39.532 ug/l

RT: 7.746 min Scan# 972

Delta R.T. 0.018 min

Lab File: VY016919.D

Acq: 05 Jan 2024 13:42

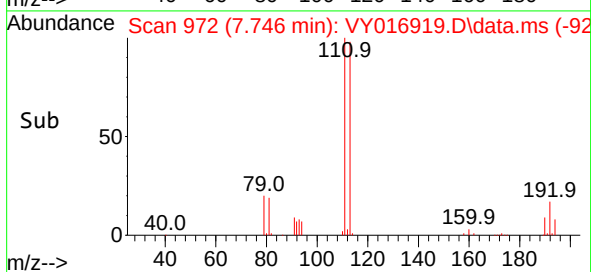
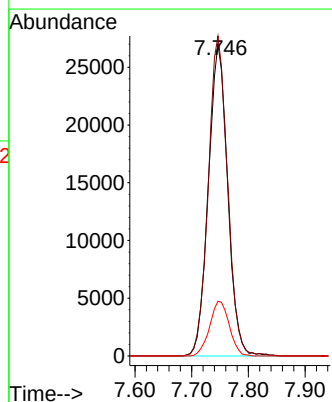
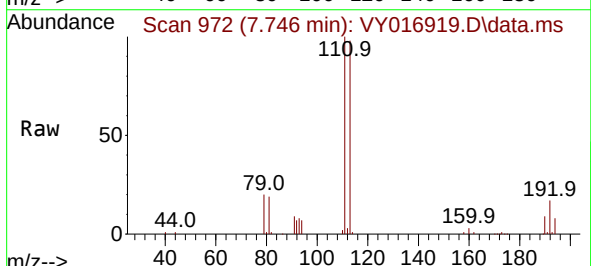
Tgt Ion:113 Resp: 63958

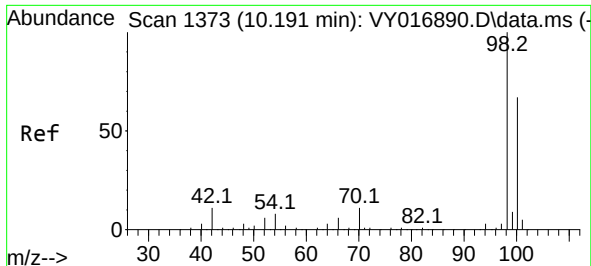
Ion Ratio Lower Upper

113 100

111 102.2 83.8 125.6

192 17.8 14.5 21.7

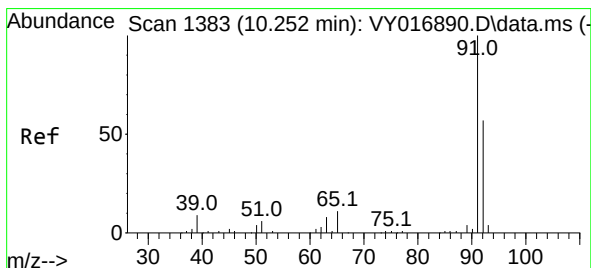
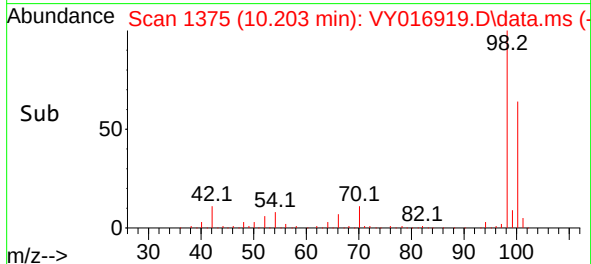
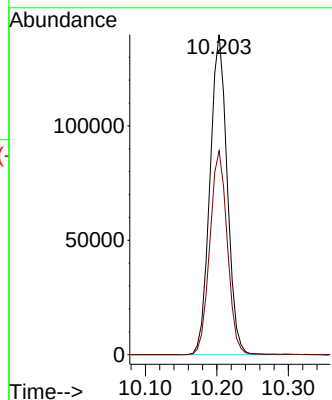
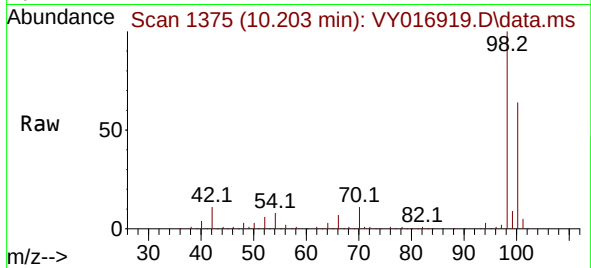




#50
Toluene-d8
Concen: 41.990 ug/l
RT: 10.203 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016919.D
Acq: 05 Jan 2024 13:42

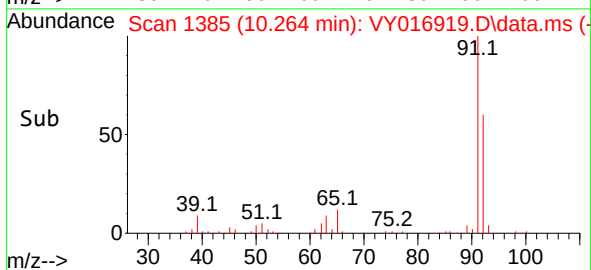
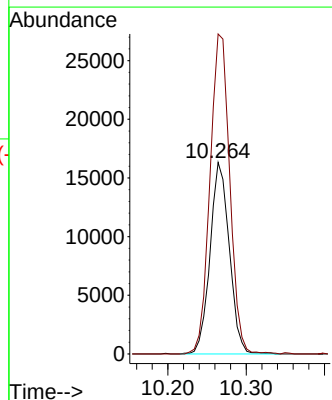
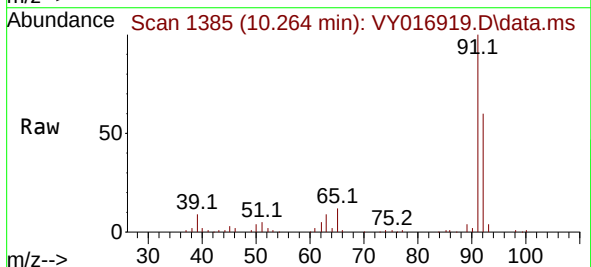
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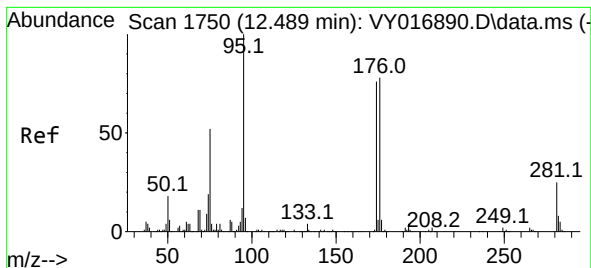
Tgt Ion: 98 Resp: 233933
Ion Ratio Lower Upper
98 100
100 64.4 52.3 78.5



#52
Toluene
Concen: 6.524 ug/l
RT: 10.264 min Scan# 1385
Delta R.T. 0.012 min
Lab File: VY016919.D
Acq: 05 Jan 2024 13:42

Tgt Ion: 92 Resp: 27849
Ion Ratio Lower Upper
92 100
91 171.5 137.6 206.4

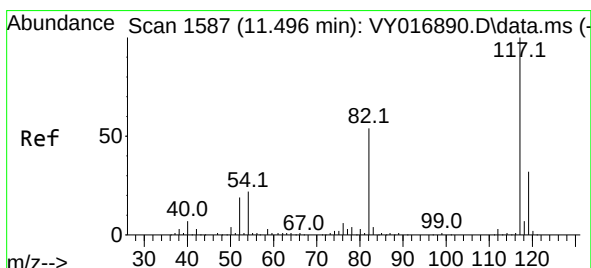
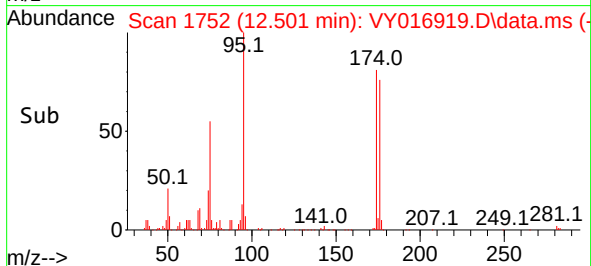
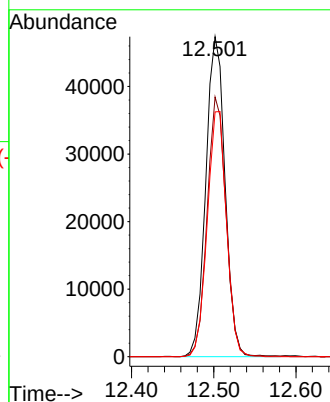
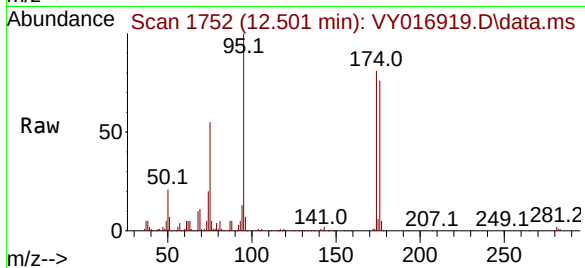




#62
4-Bromofluorobenzene
Concen: 40.949 ug/l
RT: 12.501 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016919.D
Acq: 05 Jan 2024 13:42

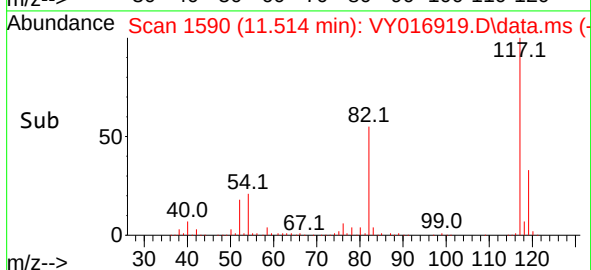
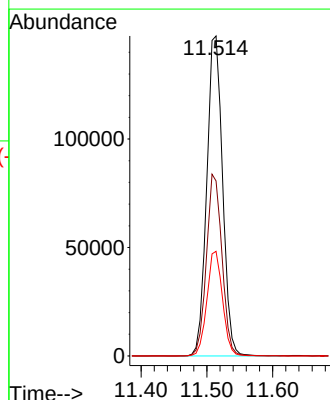
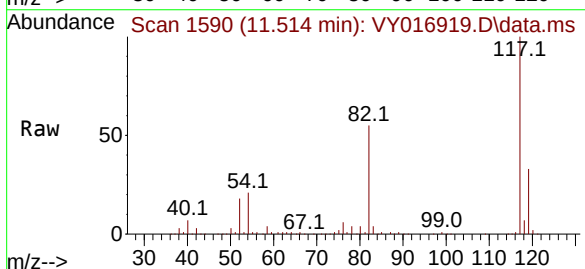
Instrument :
MSVOA_Y
ClientSampleId :
MR-301P-25-27

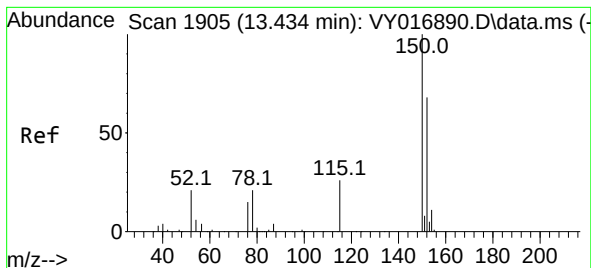
Tgt Ion: 95 Resp: 76970
Ion Ratio Lower Upper
95 100
174 79.8 0.0 160.0
176 76.8 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.012 min
Lab File: VY016919.D
Acq: 05 Jan 2024 13:42

Tgt Ion: 117 Resp: 247103
Ion Ratio Lower Upper
117 100
82 54.6 43.8 65.8
119 32.7 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: VY016919.D

Acq: 05 Jan 2024 13:42

Instrument :

MSVOA_Y

ClientSampleId :

MR-301P-25-27

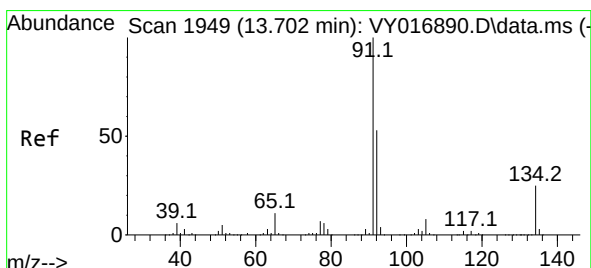
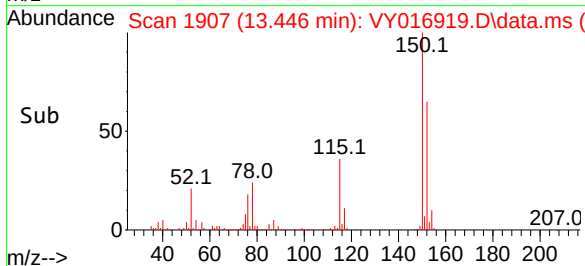
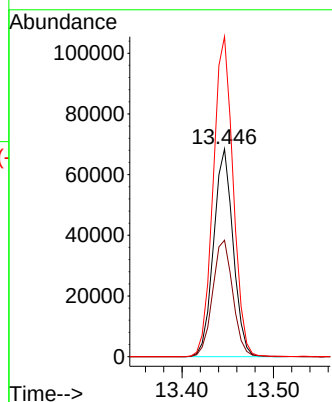
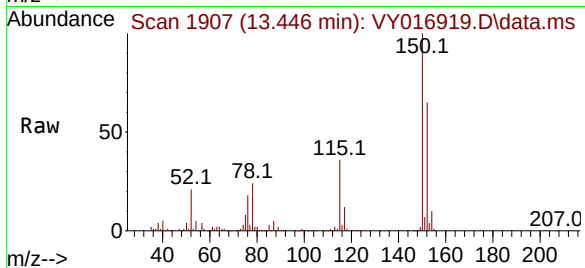
Tgt Ion:152 Resp: 101476

Ion Ratio Lower Upper

152 100

115 58.3 30.0 90.0

150 157.2 0.0 344.6



#89

n-Butylbenzene

Concen: 1.773 ug/l

RT: 13.715 min Scan# 1951

Delta R.T. 0.013 min

Lab File: VY016919.D

Acq: 05 Jan 2024 13:42

Tgt Ion: 91 Resp: 12036

Ion Ratio Lower Upper

91 100

92 61.2 26.4 79.2

134 0.0 12.3 36.8#

