

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
 Data File : VY016827.D
 Acq On : 22 Dec 2023 22:38
 Operator : SY/MD
 Sample : 05957-04
 Misc : 4.56g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COM03

Quant Time: Dec 23 00:55:49 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)

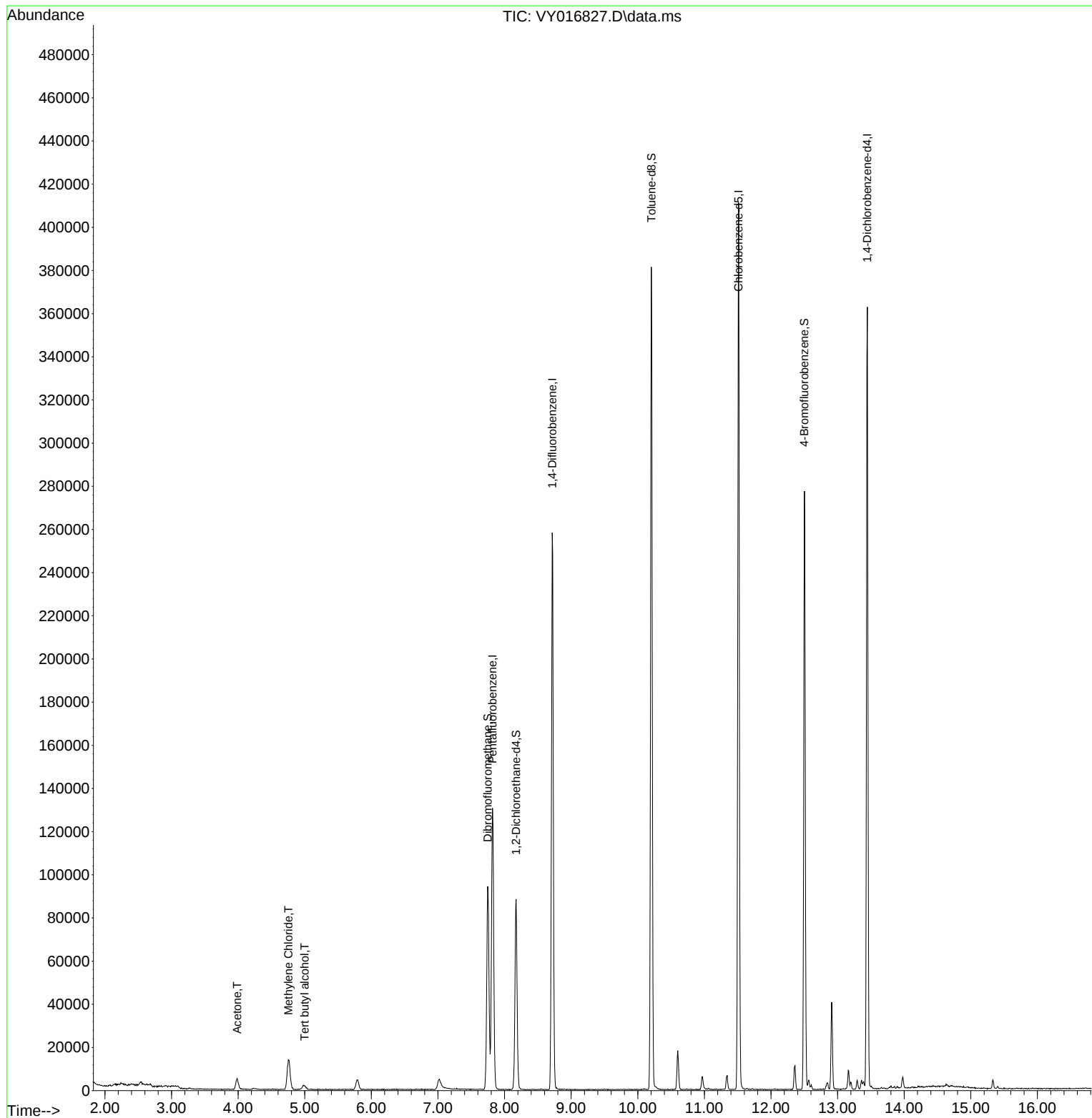
Internal Standards						
1) Pentafluorobenzene	7.820	168	99195	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	217971	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	222913	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.447	152	88679	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	65990	72.873	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 145.740%	
35) Dibromofluoromethane	7.746	113	68746	55.059	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.120%	
50) Toluene-d8	10.203	98	248243	55.152	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.300%	
62) 4-Bromofluorobenzene	12.502	95	82313	56.368	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 112.740%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.997	59	3441	46.346	ug/l #	76
16) Acetone	3.985	43	9066	37.024	ug/l	93
20) Methylene Chloride	4.753	84	10811	5.895	ug/l	98

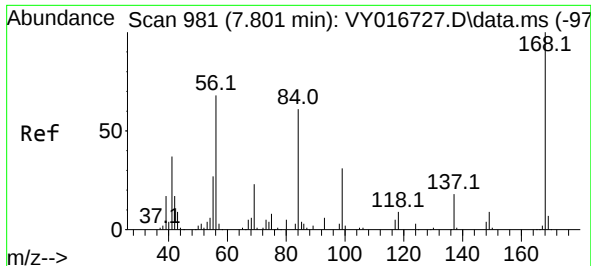
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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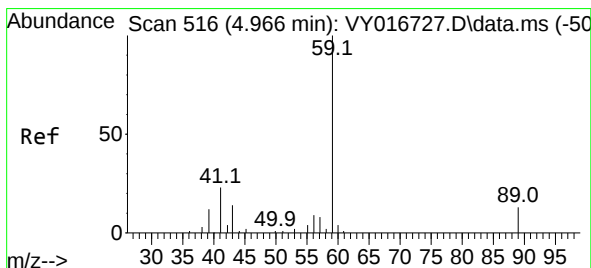
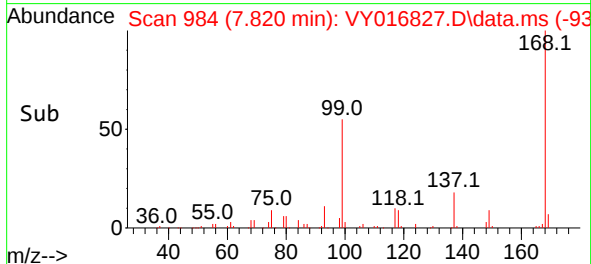
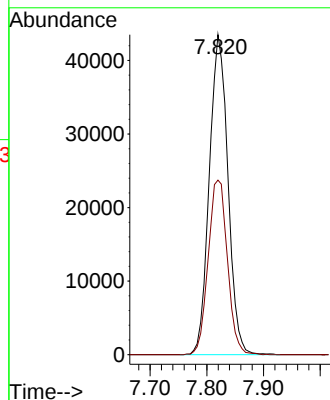
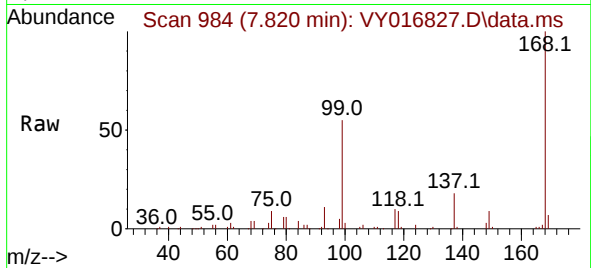




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.820 min Scan# 91
Delta R.T. 0.019 min
Lab File: VY016827.D
Acq: 22 Dec 2023 22:38

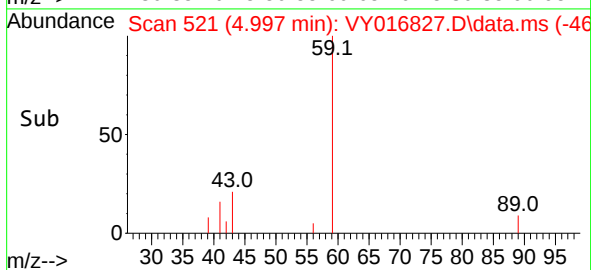
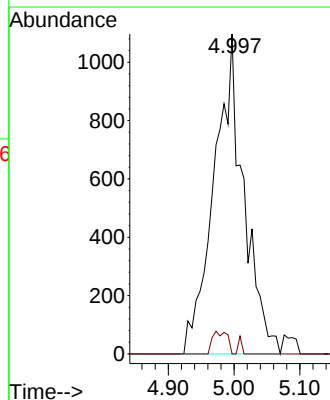
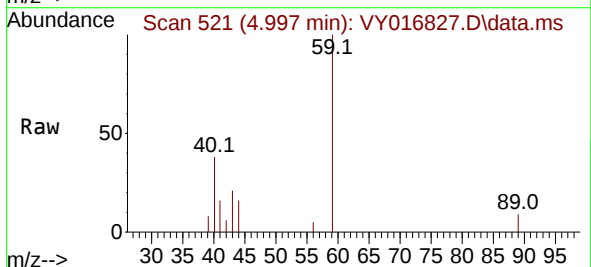
Instrument :
MSVOA_Y
ClientSampleId :
COM03

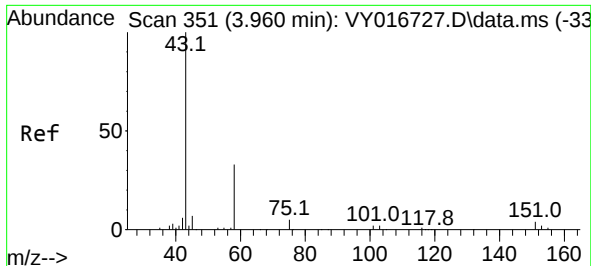
Tgt Ion:168 Resp: 99195
Ion Ratio Lower Upper
168 100
99 54.6 44.2 66.4



#11
Tert butyl alcohol
Concen: 46.346 ug/l
RT: 4.997 min Scan# 521
Delta R.T. 0.031 min
Lab File: VY016827.D
Acq: 22 Dec 2023 22:38

Tgt Ion: 59 Resp: 3441
Ion Ratio Lower Upper
59 100
57 0.6 7.4 11.0#

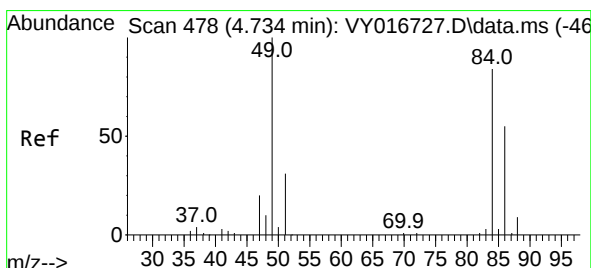
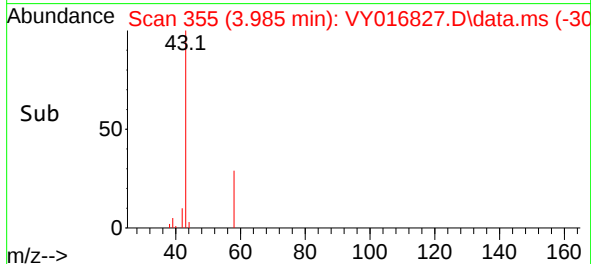
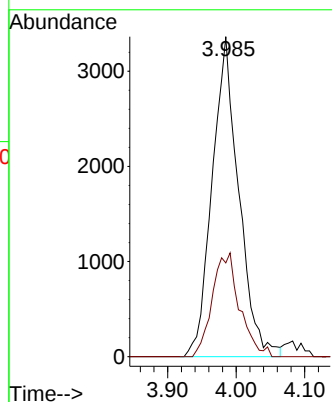
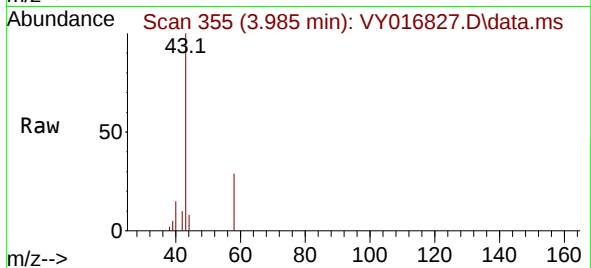




#16
Acetone
Concen: 37.024 ug/l
RT: 3.985 min Scan# 31
Delta R.T. 0.025 min
Lab File: VY016827.D
Acq: 22 Dec 2023 22:38

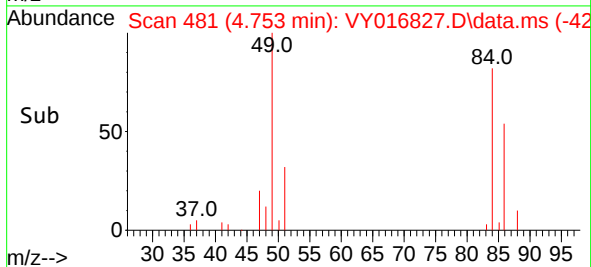
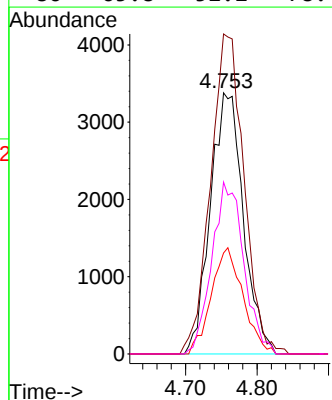
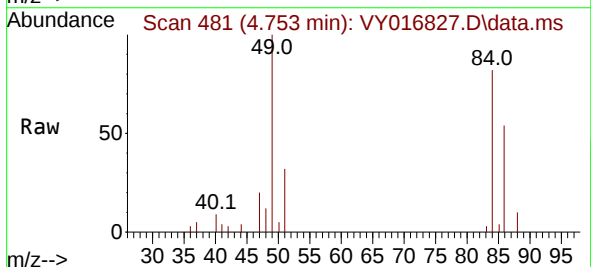
Instrument :
MSVOA_Y
ClientSampleId :
COM03

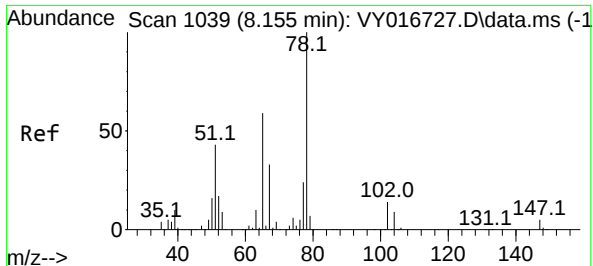
Tgt Ion: 43 Resp: 9066
Ion Ratio Lower Upper
43 100
58 29.3 26.6 39.8



#20
Methylene Chloride
Concen: 5.895 ug/l
RT: 4.753 min Scan# 481
Delta R.T. 0.019 min
Lab File: VY016827.D
Acq: 22 Dec 2023 22:38

Tgt Ion: 84 Resp: 10811
Ion Ratio Lower Upper
84 100
49 122.5 95.2 142.8
51 38.7 29.9 44.9
86 65.8 52.2 78.4





#33

1,2-Dichloroethane-d4

Concen: 72.873 ug/l

RT: 8.173 min Scan# 1103

Delta R.T. 0.019 min

Lab File: VY016827.D

Acq: 22 Dec 2023 22:38

Instrument :

MSVOA_Y

ClientSampleId :

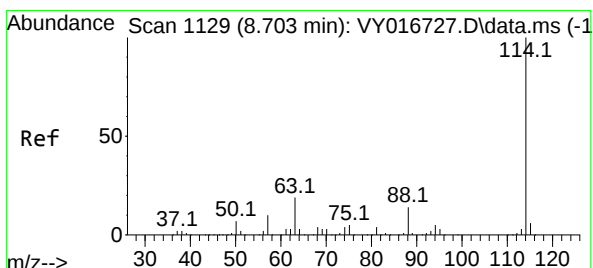
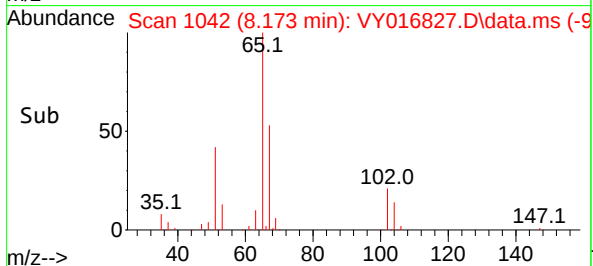
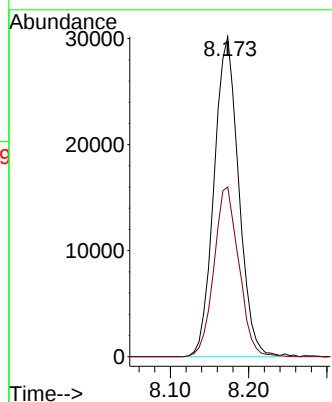
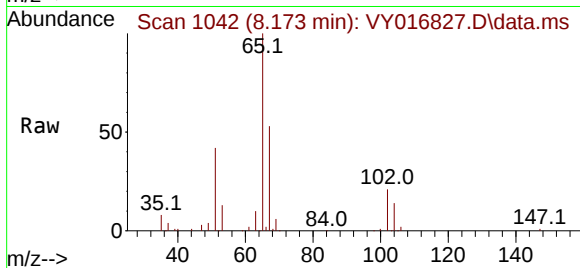
COM03

Tgt Ion: 65 Resp: 65990

Ion Ratio Lower Upper

65 100

67 53.5 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: VY016827.D

Acq: 22 Dec 2023 22:38

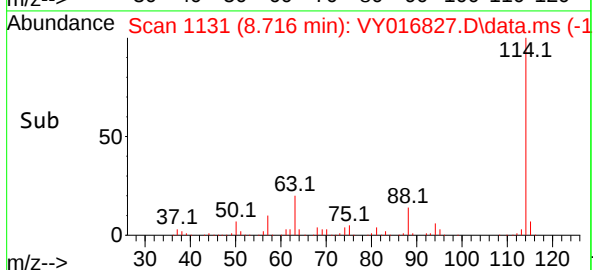
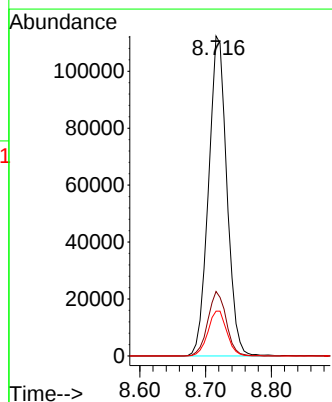
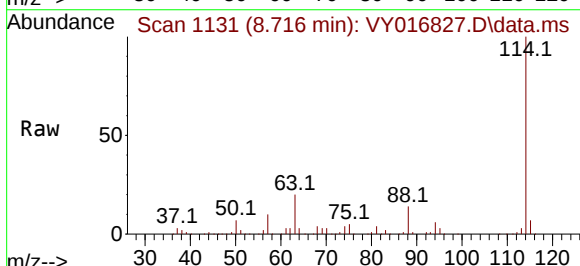
Tgt Ion: 114 Resp: 217971

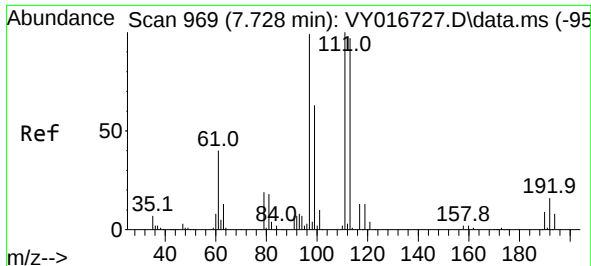
Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.4

88 14.0 0.0 29.0

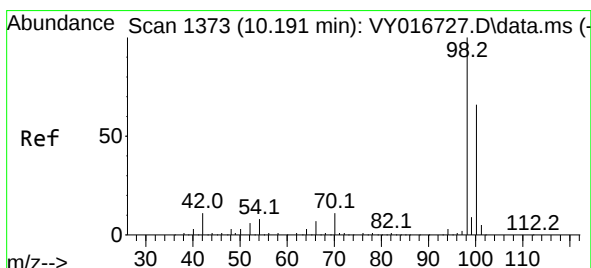
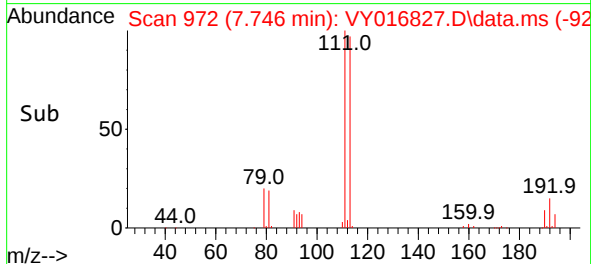
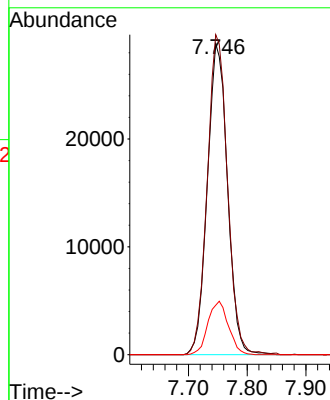
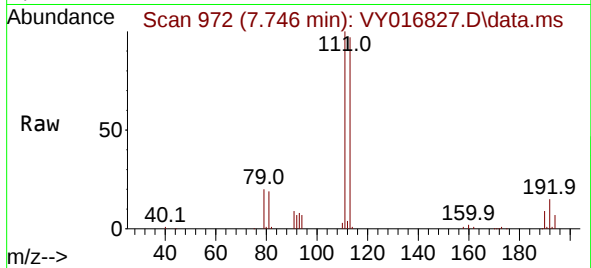




#35
Dibromofluoromethane
Concen: 55.059 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.019 min
Lab File: VY016827.D
Acq: 22 Dec 2023 22:38

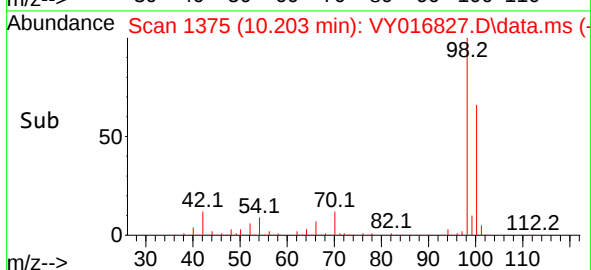
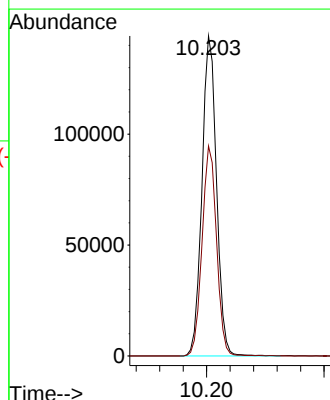
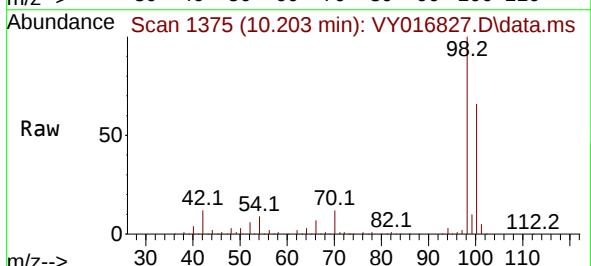
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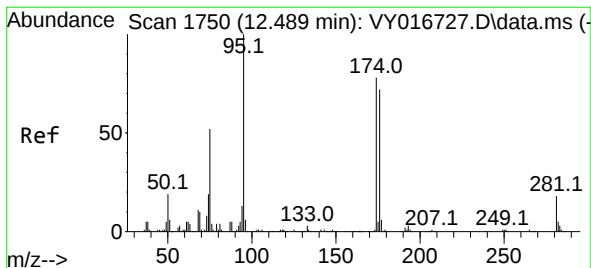
Tgt Ion:113 Resp: 68746
Ion Ratio Lower Upper
113 100
111 103.2 83.8 125.6
192 17.5 14.5 21.7



#50
Toluene-d8
Concen: 55.152 ug/l
RT: 10.203 min Scan# 1375
Delta R.T. 0.012 min
Lab File: VY016827.D
Acq: 22 Dec 2023 22:38

Tgt Ion: 98 Resp: 248243
Ion Ratio Lower Upper
98 100
100 65.3 52.3 78.5

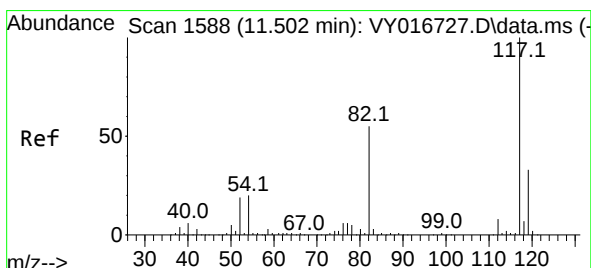
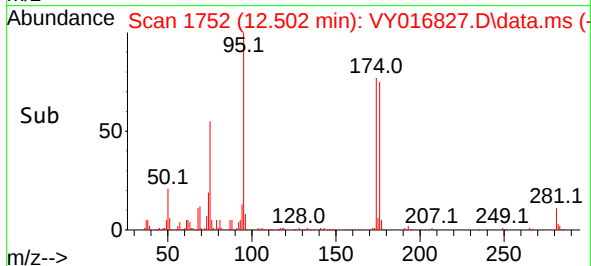
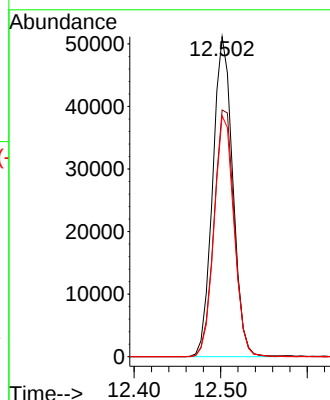
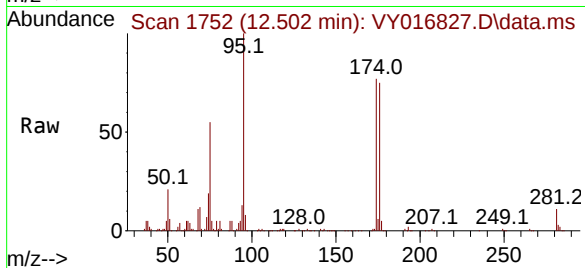




#62
4-Bromofluorobenzene
Concen: 56.368 ug/l
RT: 12.502 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016827.D
Acq: 22 Dec 2023 22:38

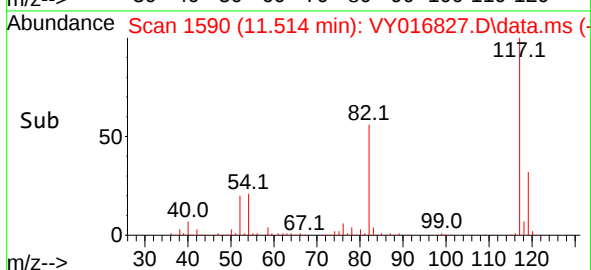
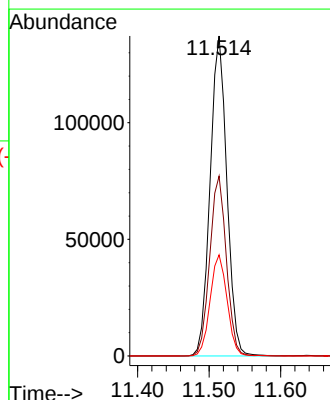
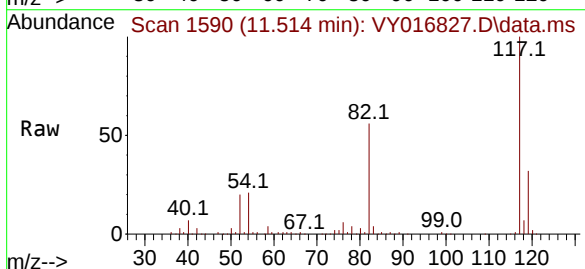
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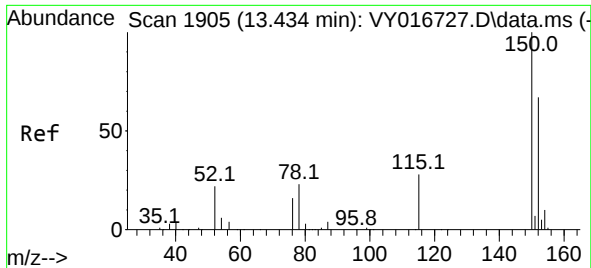
Tgt Ion: 95 Resp: 82313
Ion Ratio Lower Upper
95 100
174 78.1 0.0 160.0
176 74.7 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.012 min
Lab File: VY016827.D
Acq: 22 Dec 2023 22:38

Tgt Ion: 117 Resp: 222913
Ion Ratio Lower Upper
117 100
82 56.2 43.8 65.8
119 31.6 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: VY016827.D

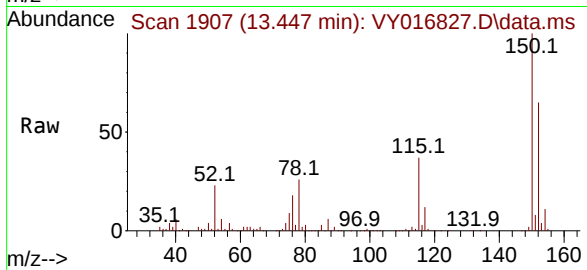
Acq: 22 Dec 2023 22:38

Instrument :

MSVOA_Y

ClientSampleId :

COM03



Tgt Ion:152 Resp: 88679

Ion Ratio Lower Upper

152 100

115 59.3 30.0 90.0

150 158.0 0.0 344.6

