

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101323\
 Data File : VY015965.D
 Acq On : 13 Oct 2023 18:13
 Operator : SY/MD
 Sample : 04854-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-101123

Quant Time: Oct 14 01:50:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 13:13:02 2023
 Response via : Initial Calibration

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

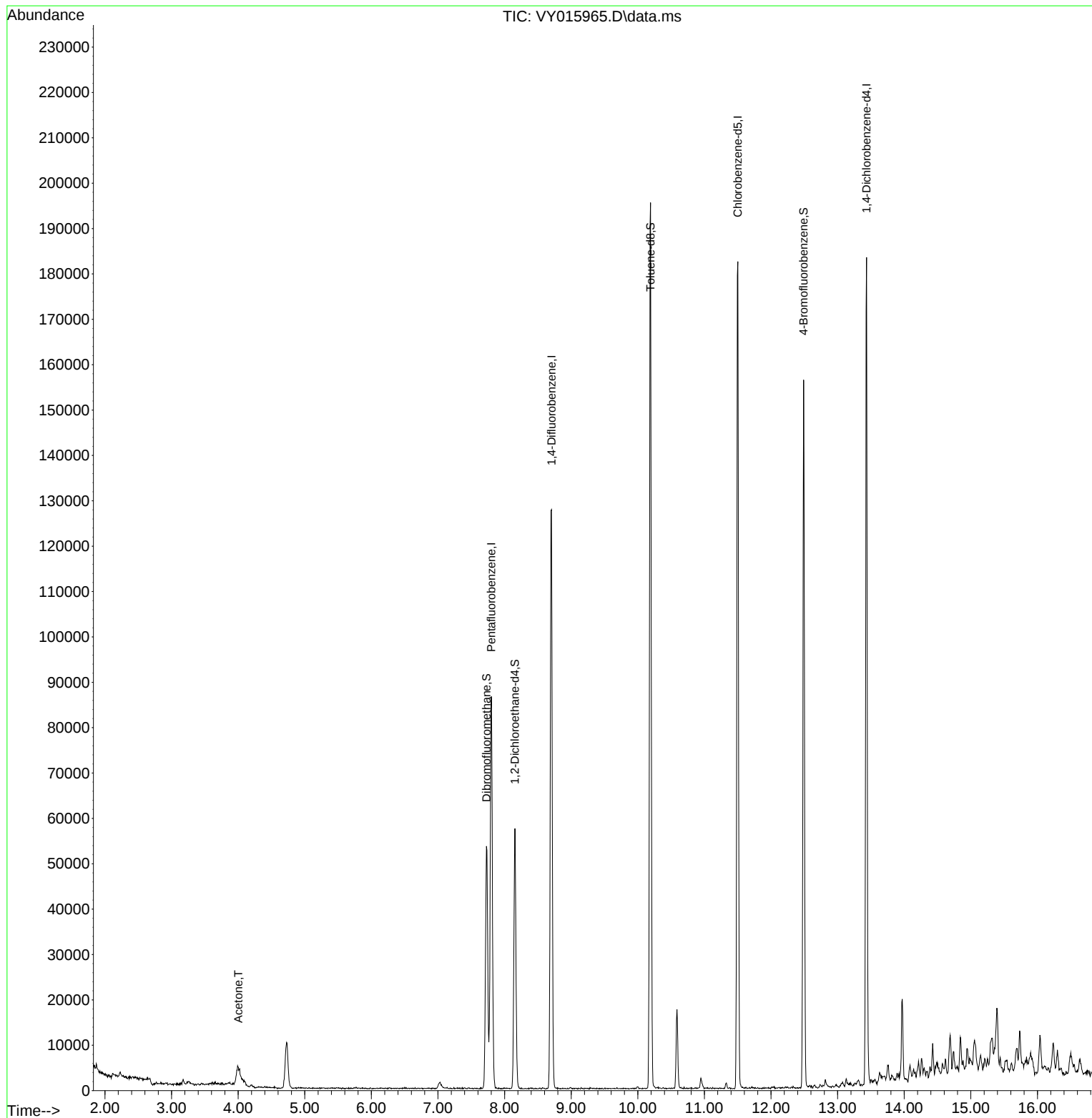
Internal Standards						
1) Pentafluorobenzene	7.801	168	68074	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	113455	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	104827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	47683	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	43481	55.966	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.940%
35) Dibromofluoromethane	7.728	113	38333	53.668	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.340%
50) Toluene-d8	10.191	98	131174	49.040	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.080%
62) 4-Bromofluorobenzene	12.489	95	43167	45.321	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.640%
Target Compounds						Qvalue
16) Acetone	4.003	43	10637	23.570	ug/l	# 89

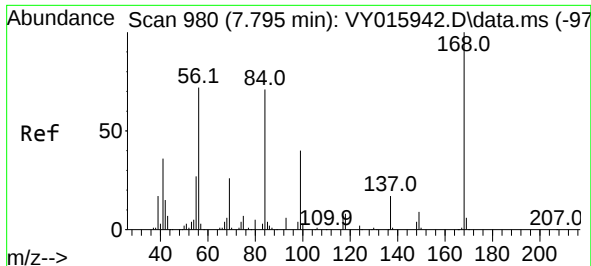
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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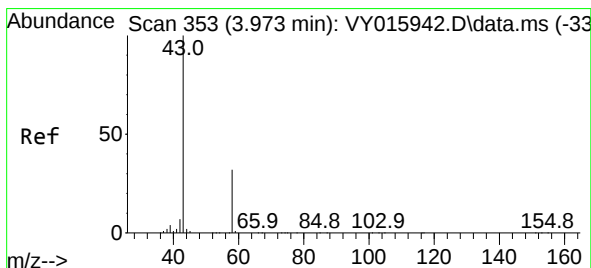
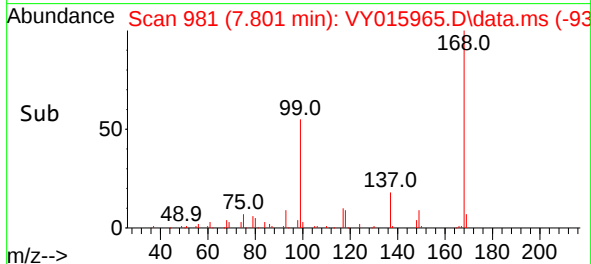
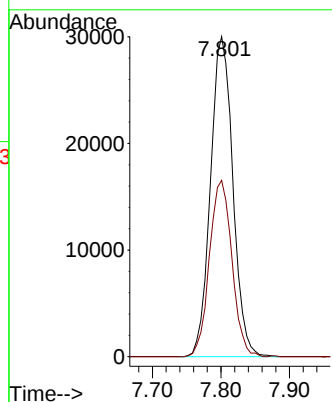
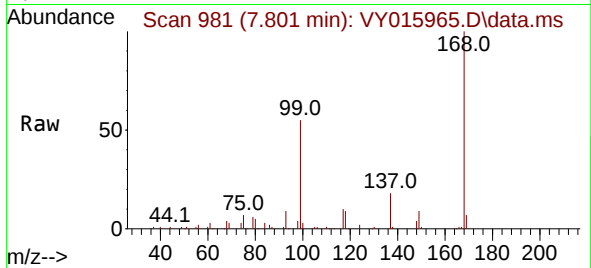




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015965.D
Acq: 13 Oct 2023 18:13

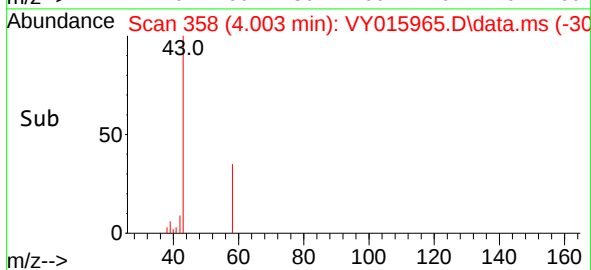
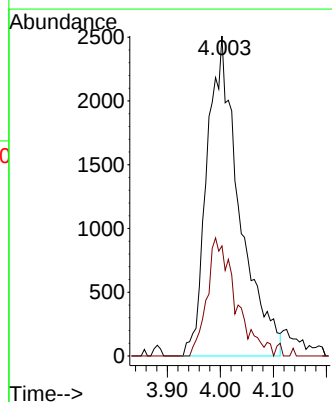
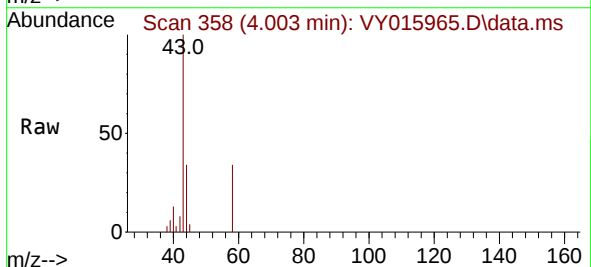
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-101123

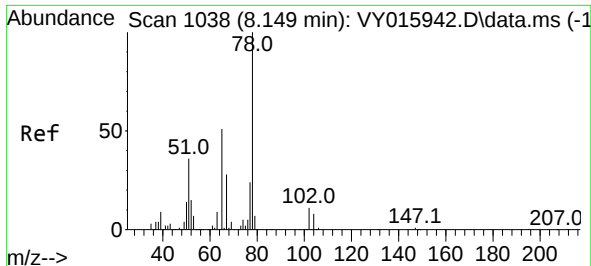
Tgt Ion:168 Resp: 68074
Ion Ratio Lower Upper
168 100
99 55.1 43.4 65.0



#16
Acetone
Concen: 23.570 ug/l
RT: 4.003 min Scan# 358
Delta R.T. 0.030 min
Lab File: VY015965.D
Acq: 13 Oct 2023 18:13

Tgt Ion: 43 Resp: 10637
Ion Ratio Lower Upper
43 100
58 34.4 22.7 34.1#

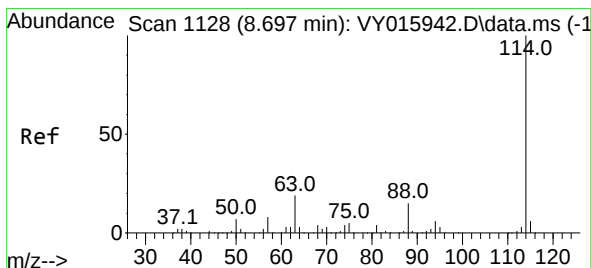
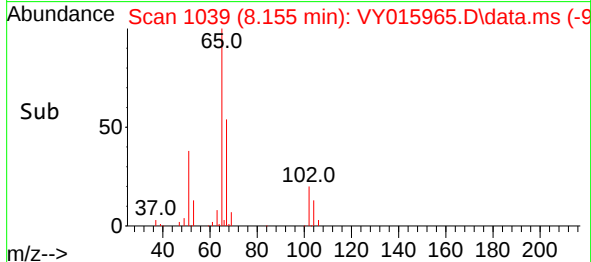
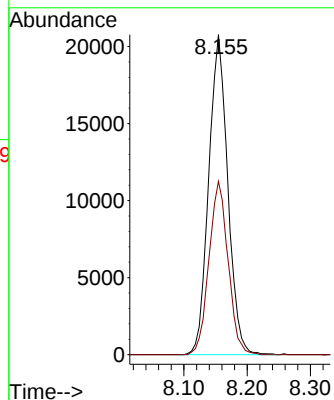
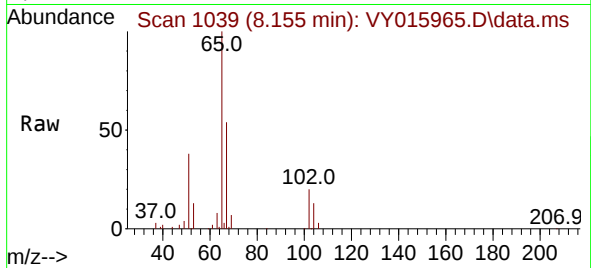




#33
 1,2-Dichloroethane-d4
 Concen: 55.966 ug/l
 RT: 8.155 min Scan# 1038
 Delta R.T. 0.006 min
 Lab File: VY015965.D
 Acq: 13 Oct 2023 18:13

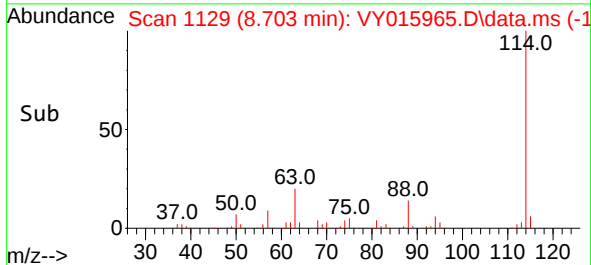
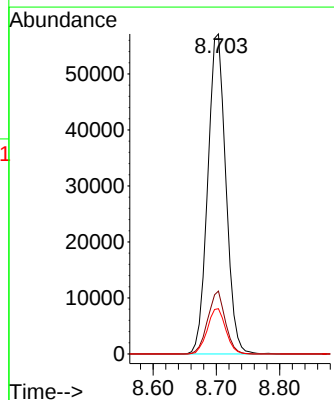
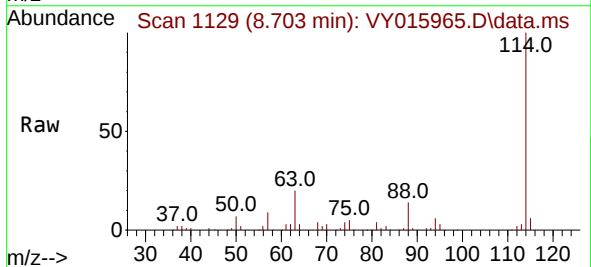
Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-101123

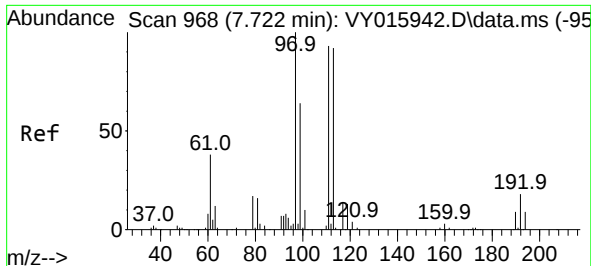
Tgt Ion: 65 Resp: 43481
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.703 min Scan# 1129
 Delta R.T. 0.006 min
 Lab File: VY015965.D
 Acq: 13 Oct 2023 18:13

Tgt Ion: 114 Resp: 113455
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 42.4
 88 14.2 0.0 30.6

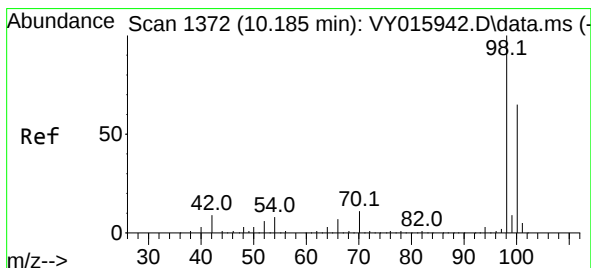
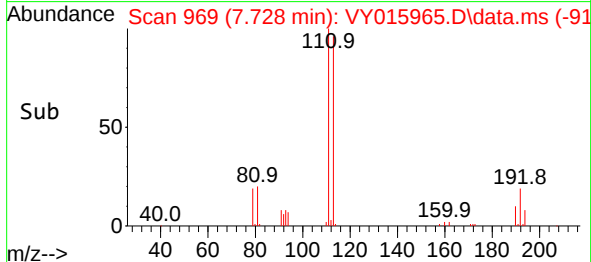
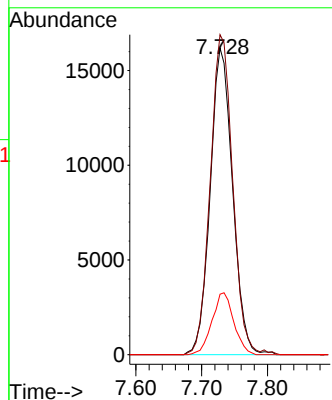
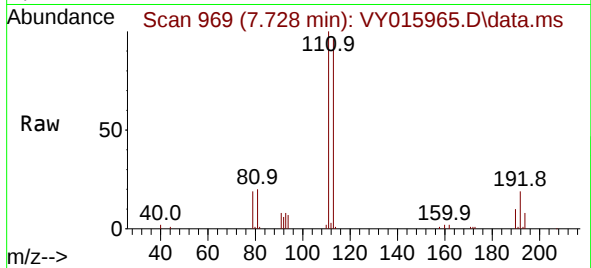




#35
Dibromofluoromethane
Concen: 53.668 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY015965.D
Acq: 13 Oct 2023 18:13

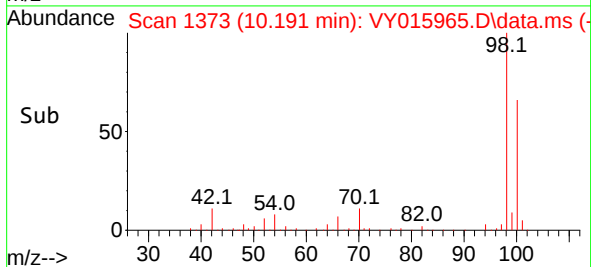
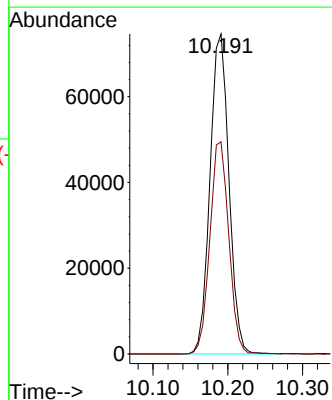
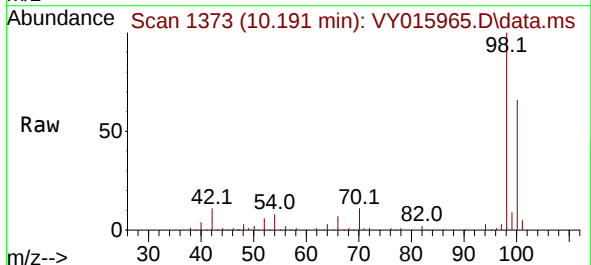
Instrument :
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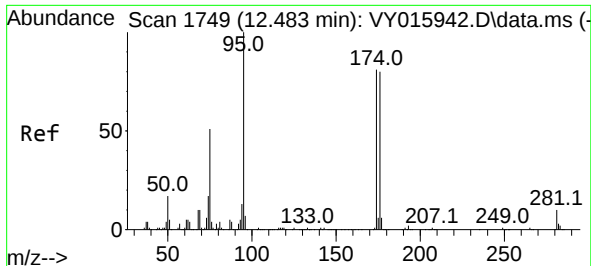
Tgt Ion:113 Resp: 38333
Ion Ratio Lower Upper
113 100
111 104.7 81.3 121.9
192 19.7 16.9 25.3



#50
Toluene-d8
Concen: 49.040 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VY015965.D
Acq: 13 Oct 2023 18:13

Tgt Ion: 98 Resp: 131174
Ion Ratio Lower Upper
98 100
100 66.3 50.1 75.1

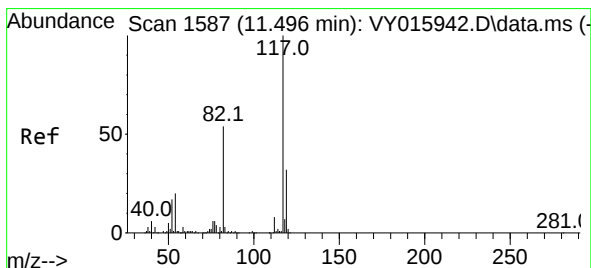
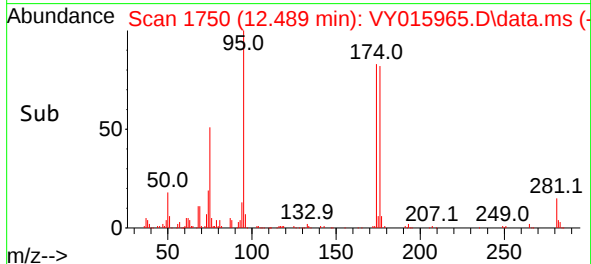
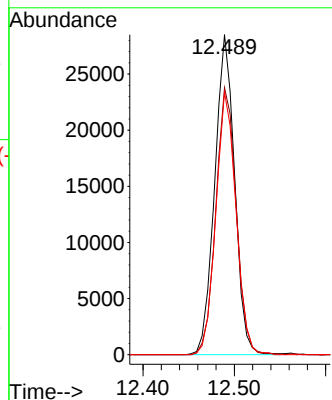
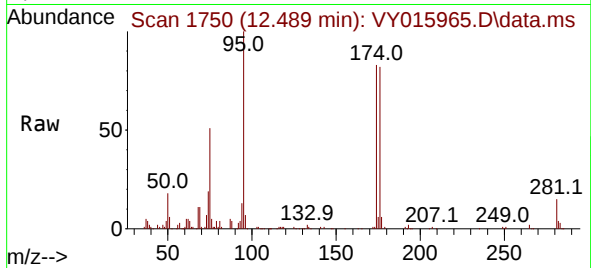




#62
4-Bromofluorobenzene
Concen: 45.321 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY015965.D
Acq: 13 Oct 2023 18:13

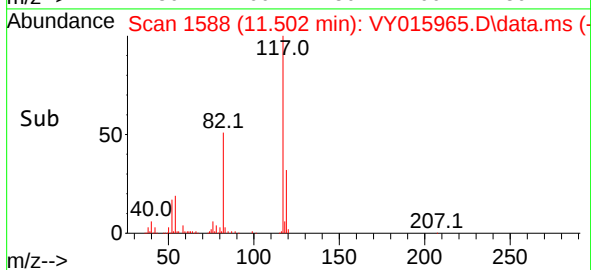
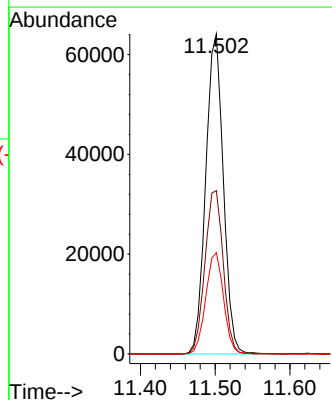
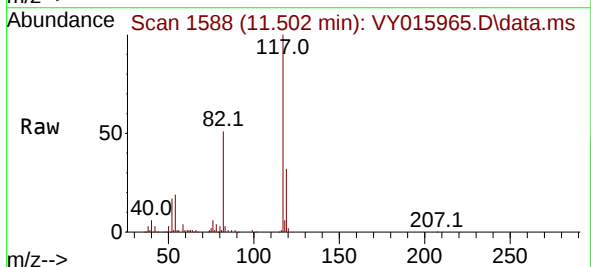
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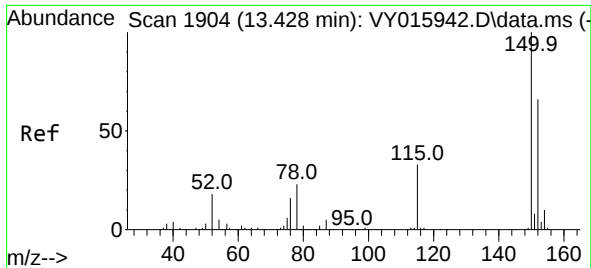
Tgt Ion: 95 Resp: 43167
Ion Ratio Lower Upper
95 100
174 85.3 0.0 178.2
176 82.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.006 min
Lab File: VY015965.D
Acq: 13 Oct 2023 18:13

Tgt Ion: 117 Resp: 104827
Ion Ratio Lower Upper
117 100
82 51.1 43.4 65.0
119 31.7 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY015965.D

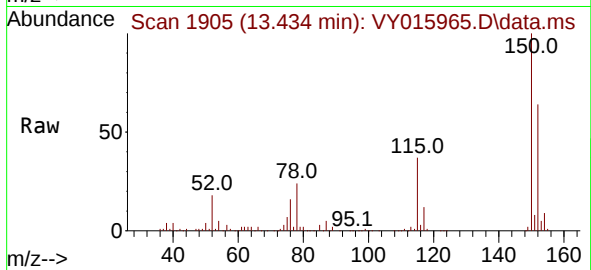
Acq: 13 Oct 2023 18:13

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-101123



Tgt Ion:152 Resp: 47683

Ion Ratio Lower Upper

152 100

115 57.8 28.8 86.5

150 156.2 0.0 348.8

