

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032223\
 Data File : VY013048.D
 Acq On : 22 Mar 2023 14:44
 Operator : KP/MD
 Sample : 02023-01RE
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-11-TEST-PIT-ON-CENTRALRE

Quant Time: Mar 23 05:22:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

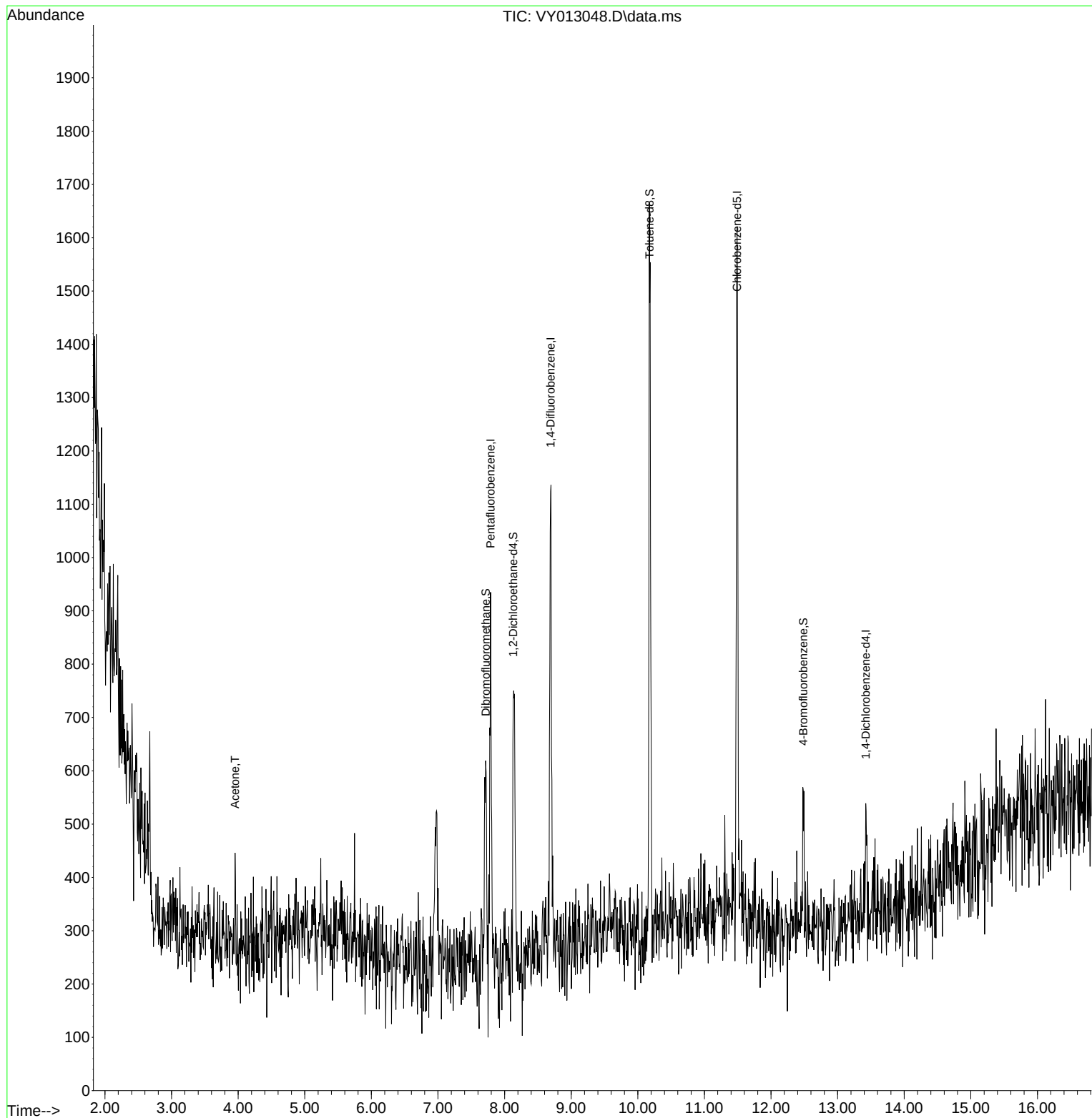
Internal Standards						
1) Pentafluorobenzene	7.789	168	693	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	1141	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	928	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	28	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	609	88.510	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 177.020%#	
35) Dibromofluoromethane	7.715	113	424	61.575	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 123.140%	
50) Toluene-d8	10.178	98	1138	45.206	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 90.420%	
62) 4-Bromofluorobenzene	12.483	95	116	13.652	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 27.300%	
Target Compounds						Qvalue
16) Acetone	3.954	43	41	15.181	ug/l	# 44
20) Methylene Chloride	4.710	84	18	Below Cal	#	5

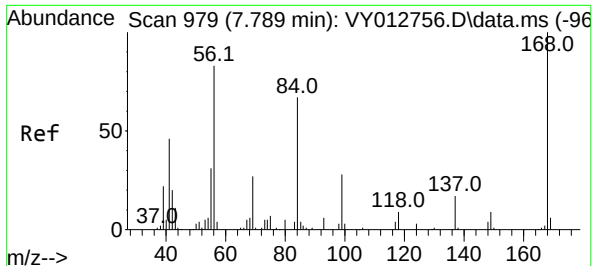
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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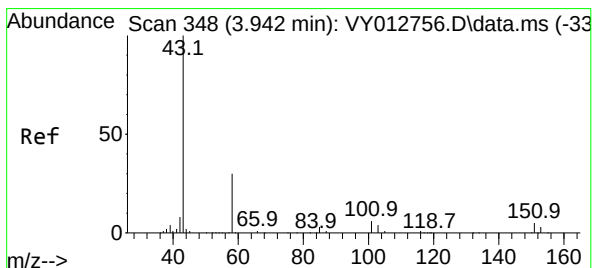
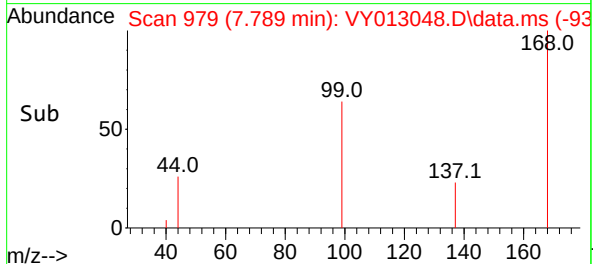
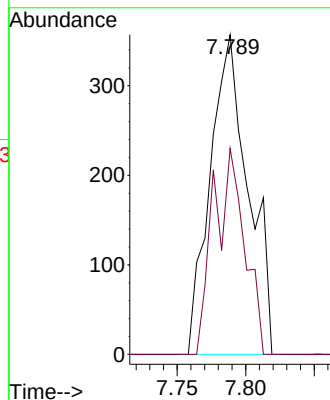
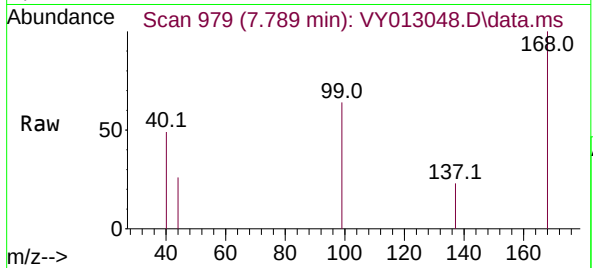




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013048.D
Acq: 22 Mar 2023 14:44

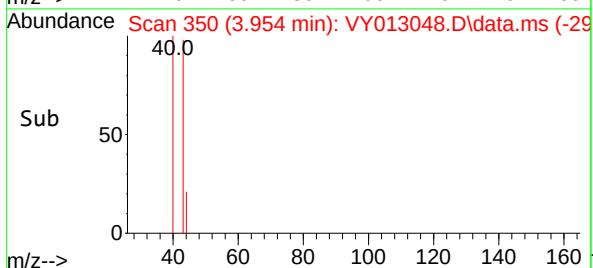
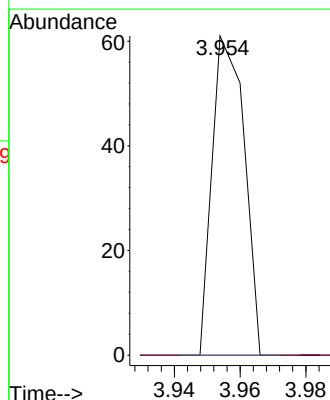
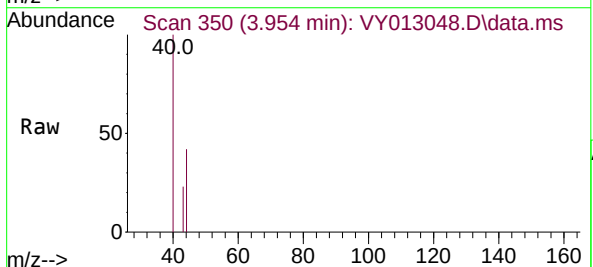
Instrument :
MSVOA_Y
ClientSampleId :
TP-11-TEST-PIT-ON-CENTRALRE

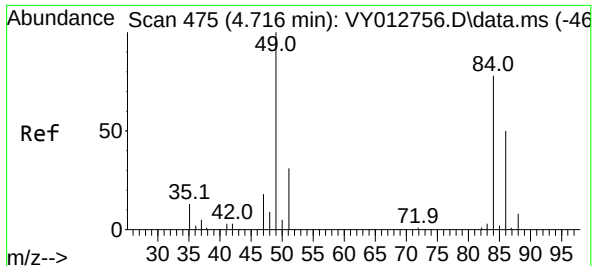
Tgt Ion:168 Resp: 693
Ion Ratio Lower Upper
168 100
99 64.4 41.7 62.5#



#16
Acetone
Concen: 15.181 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY013048.D
Acq: 22 Mar 2023 14:44

Tgt Ion: 43 Resp: 41
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.2#



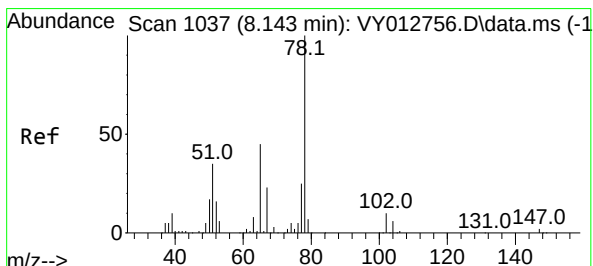
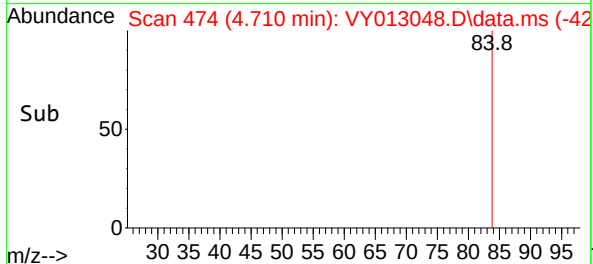
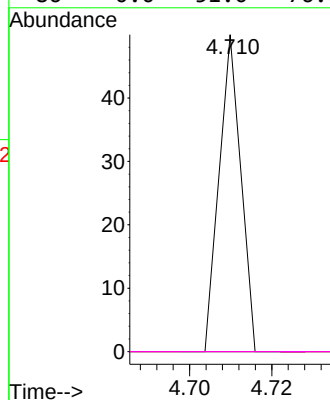
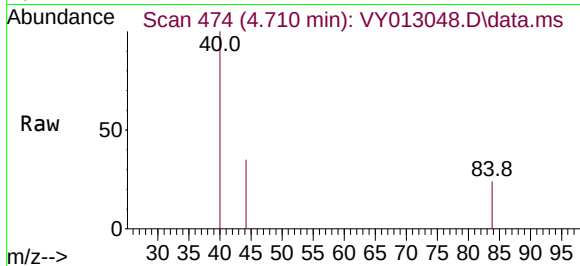


#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013048.D
Acq: 22 Mar 2023 14:44

Instrument :
MSVOA_Y
ClientSampleId :
TP-11-TEST-PIT-ON-CENTRALRE

Tgt Ion: 84 Resp: 18

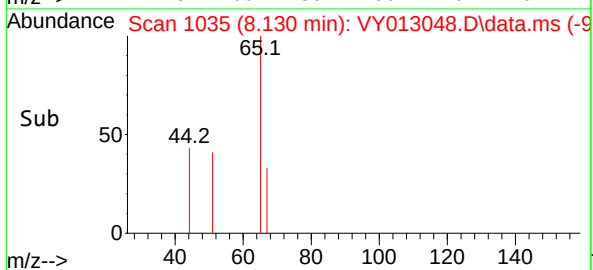
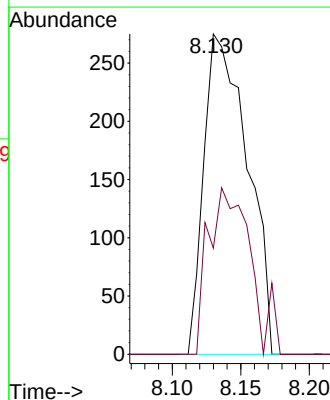
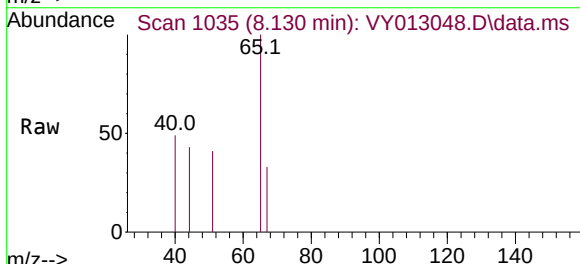
Ion	Ratio	Lower	Upper
84	100		
49	0.0	102.6	154.0#
51	0.0	31.9	47.9#
86	0.0	51.0	76.6#

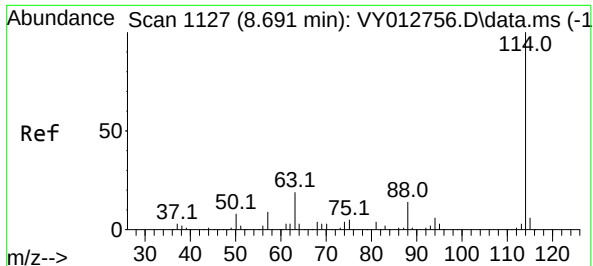


#33
1,2-Dichloroethane-d4
Concen: 88.510 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.013 min
Lab File: VY013048.D
Acq: 22 Mar 2023 14:44

Tgt Ion: 65 Resp: 609

Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY013048.D

Acq: 22 Mar 2023 14:44

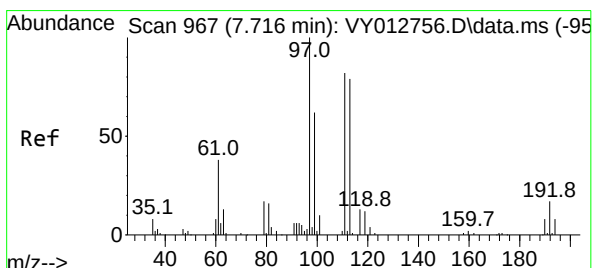
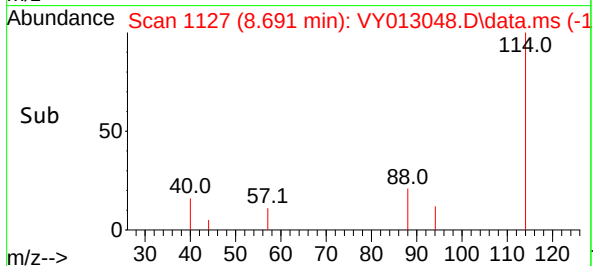
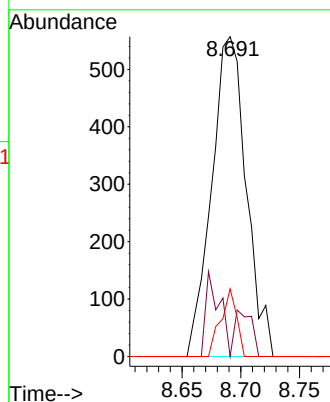
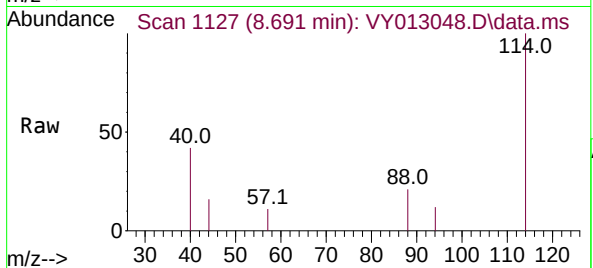
Instrument :

MSVOA_Y

ClientSampleId :

TP-11-TEST-PIT-ON-CENTRALRE

Tgt Ion:114	Resp:	1141
Ion	Ratio	Lower Upper
114	100	
63	0.0	0.0 37.4
88	21.2	0.0 28.6



#35

Dibromofluoromethane

Concen: 61.575 ug/l

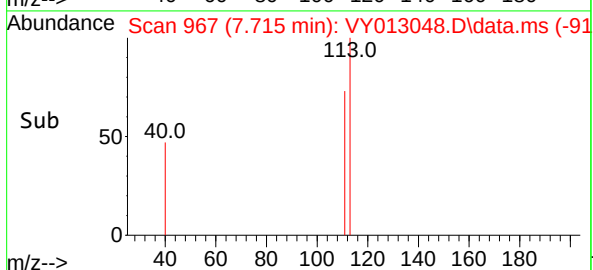
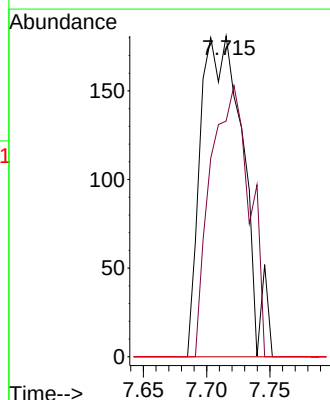
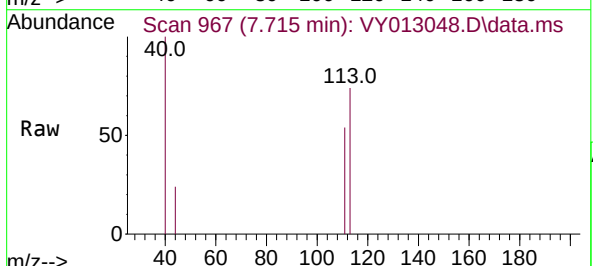
RT: 7.715 min Scan# 967

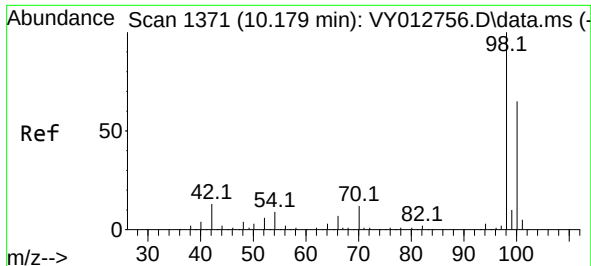
Delta R.T. -0.000 min

Lab File: VY013048.D

Acq: 22 Mar 2023 14:44

Tgt Ion:113	Resp:	424
Ion	Ratio	Lower Upper
113	100	
111	77.4	82.2 123.2#
192	0.0	16.8 25.2#

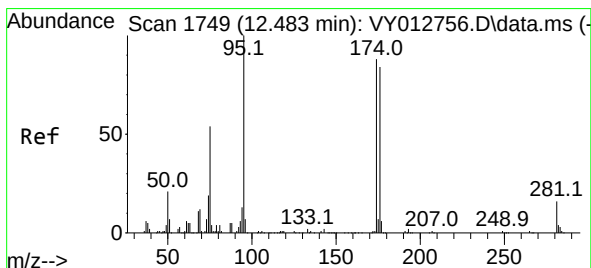
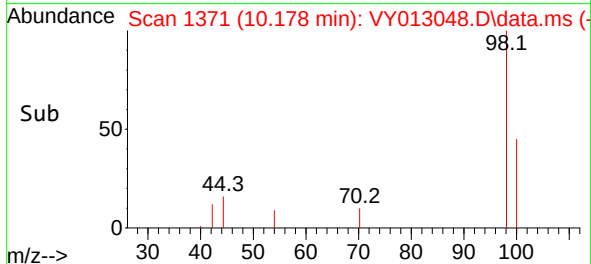
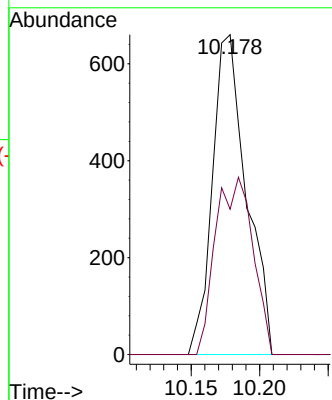
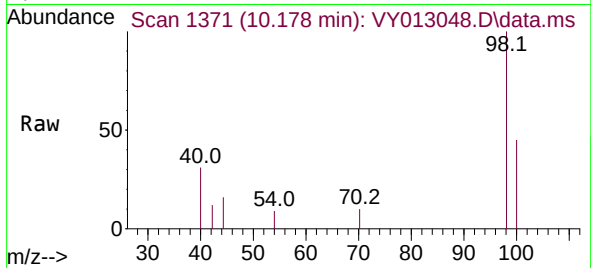




#50
Toluene-d8
Concen: 45.206 ug/l
RT: 10.178 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VY013048.D
Acq: 22 Mar 2023 14:44

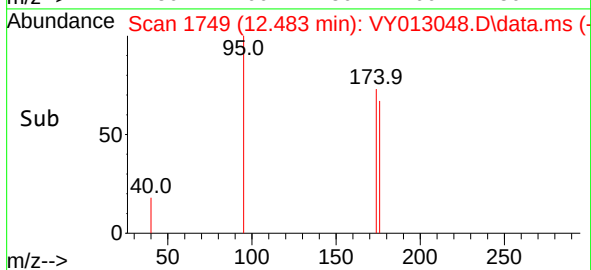
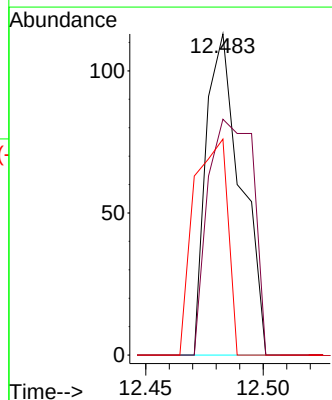
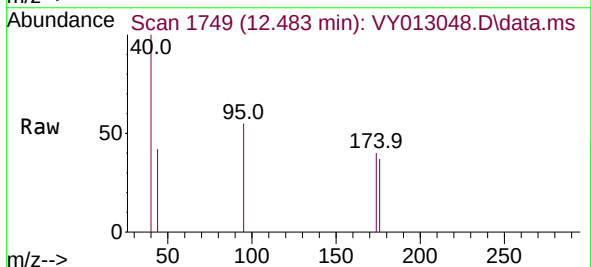
Instrument : MSVOA_Y
ClientSampleId : TP-11-TEST-PIT-ON-CENTRALRE

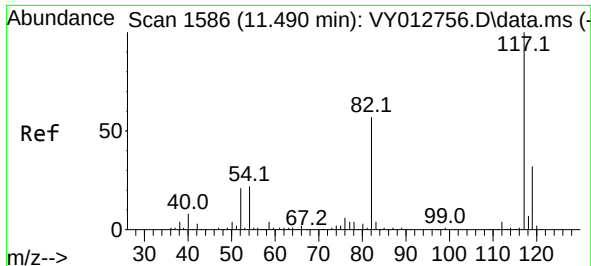
Tgt Ion: 98 Resp: 1138
Ion Ratio Lower Upper
98 100
100 61.2 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 13.652 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013048.D
Acq: 22 Mar 2023 14:44

Tgt Ion: 95 Resp: 116
Ion Ratio Lower Upper
95 100
174 94.8 0.0 176.6
176 65.5 0.0 170.2

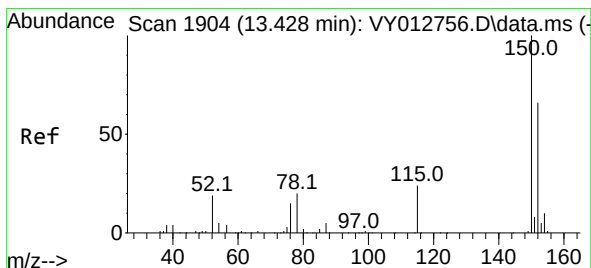
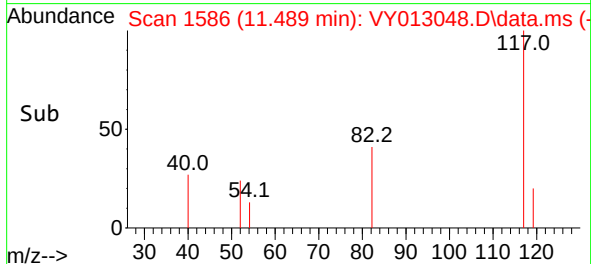
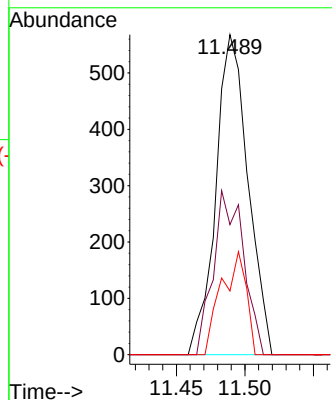
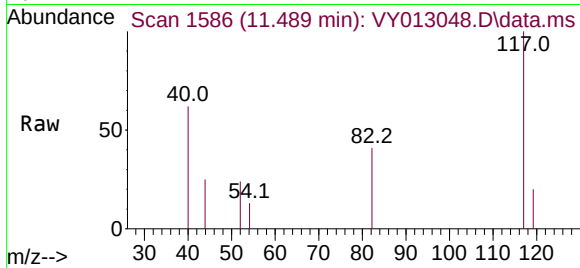




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY013048.D
Acq: 22 Mar 2023 14:44

Instrument : MSVOA_Y
ClientSampleId : TP-11-TEST-PIT-ON-CENTRALRE

Tgt Ion:117 Resp: 928
Ion Ratio Lower Upper
117 100
82 40.7 45.4 68.0#
119 19.9 25.6 38.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.007 min
Lab File: VY013048.D
Acq: 22 Mar 2023 14:44

Tgt Ion:152 Resp: 28
Ion Ratio Lower Upper
152 100
115 167.9 27.1 81.3#
150 589.3 0.0 347.8#

