

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052022\
 Data File : VY008933.D
 Acq On : 21 May 2022 03:35
 Operator : KP/MD
 Sample : N2888-04
 Misc : 6.15g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P041-SS001-2430-01

Quant Time: May 21 04:25:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

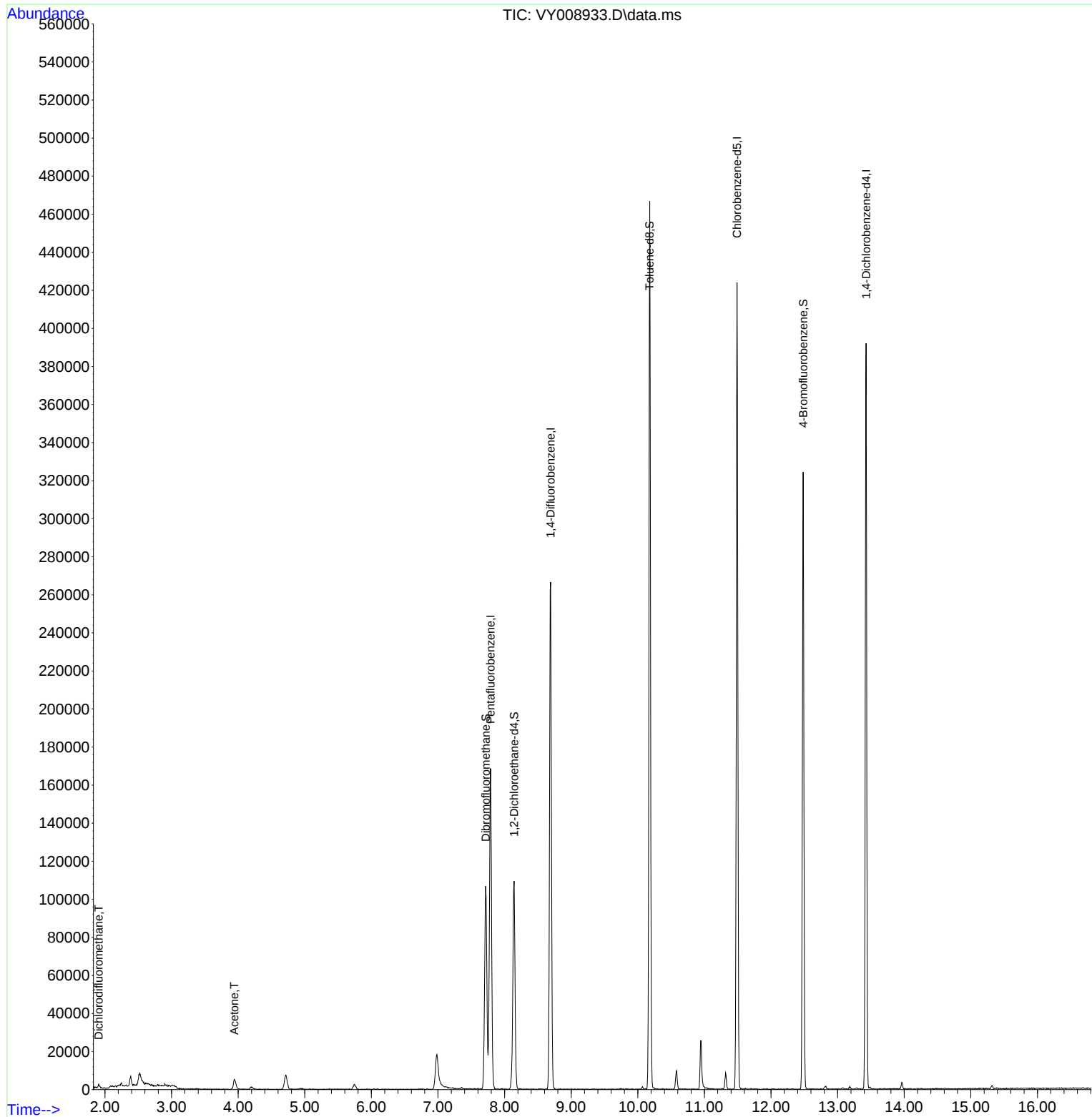
Internal Standards						
1) Pentafluorobenzene	7.789	168	127407	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	227554	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	215786	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	94140	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	79216	60.413	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.820%	
35) Dibromofluoromethane	7.716	113	71513	50.538	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.080%	
50) Toluene-d8	10.179	98	287958	55.162	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.320%	
62) 4-Bromofluorobenzene	12.483	95	83850	39.819	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 79.640%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	1334	1.145	ug/l	94
16) Acetone	3.942	43	8744	32.036	ug/l #	86

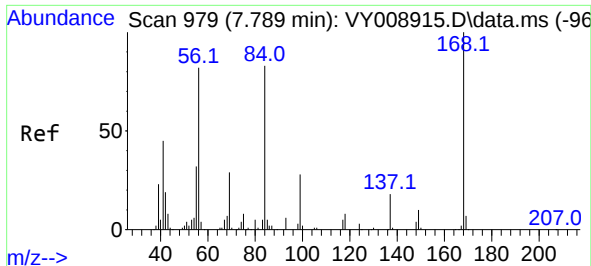
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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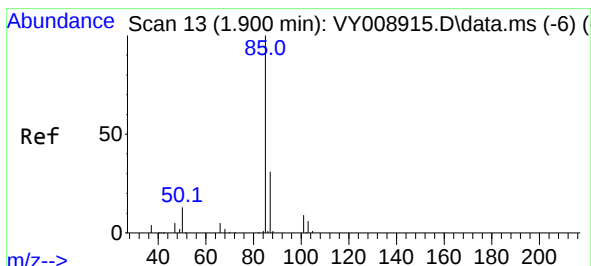
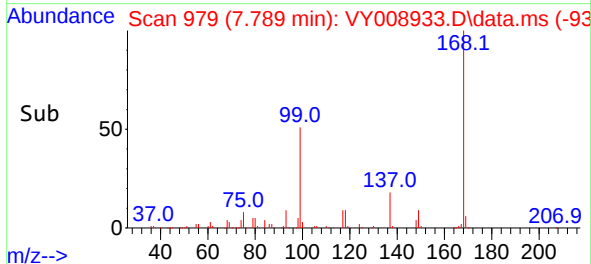
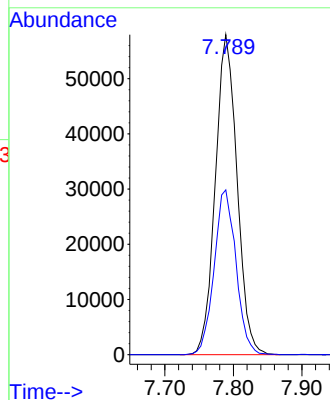
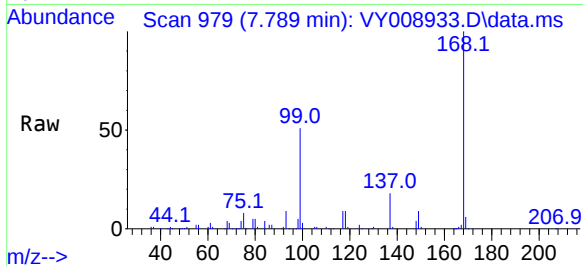




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008933.D
Acq: 21 May 2022 03:35

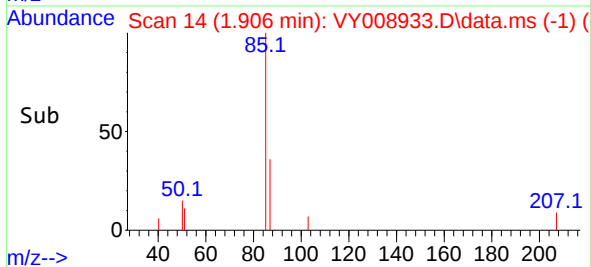
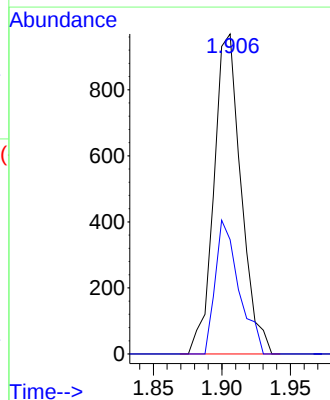
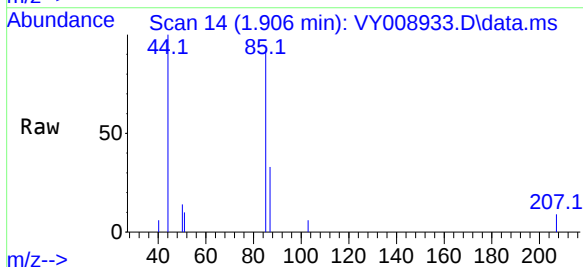
Instrument :
MSVOA_Y
ClientSampleId :
P041-SS001-2430-01

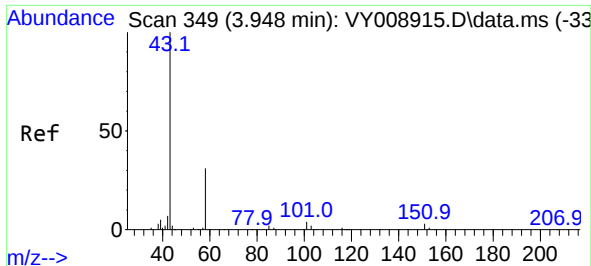
Tgt Ion:168 Resp: 127407
Ion Ratio Lower Upper
168 100
99 51.5 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 1.145 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY008933.D
Acq: 21 May 2022 03:35

Tgt Ion: 85 Resp: 1334
Ion Ratio Lower Upper
85 100
87 35.7 16.1 48.2

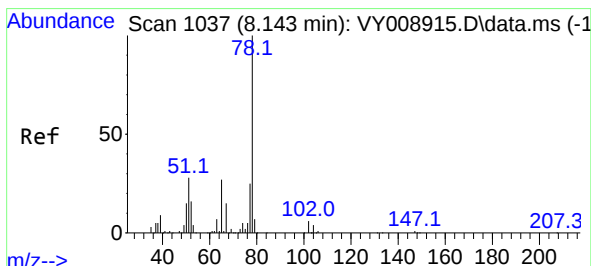
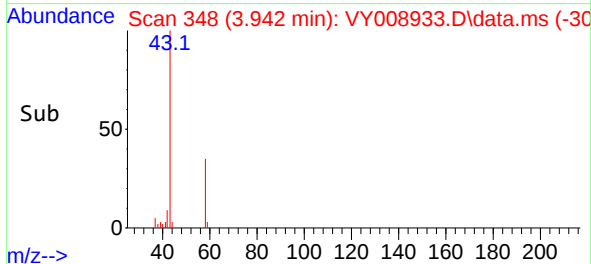
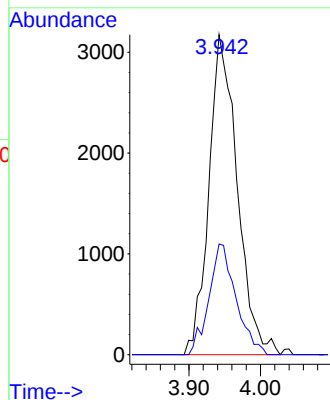
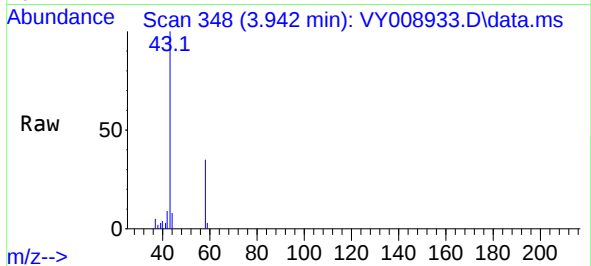




#16
Acetone
Concen: 32.036 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY008933.D
Acq: 21 May 2022 03:35

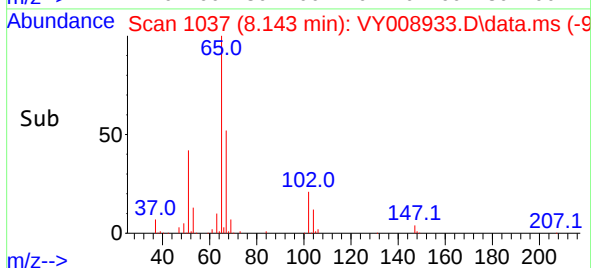
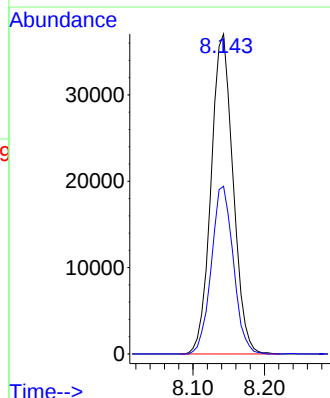
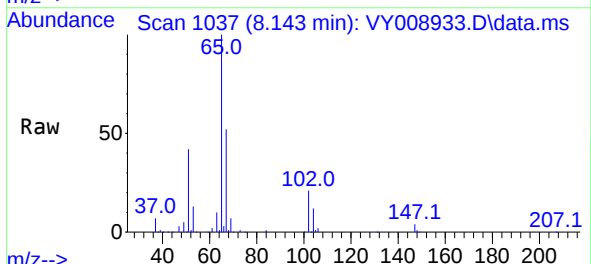
Instrument :
MSVOA_Y
ClientSampleId :
P041-SS001-2430-01

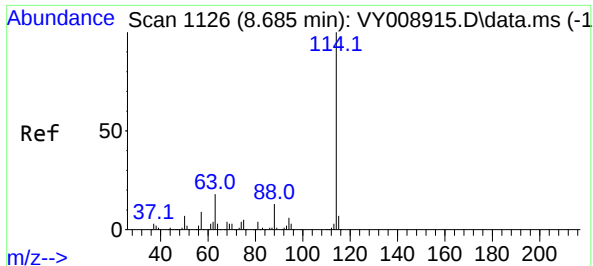
Tgt Ion: 43 Resp: 8744
Ion Ratio Lower Upper
43 100
58 34.6 22.0 33.0#



#33
1,2-Dichloroethane-d4
Concen: 60.413 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY008933.D
Acq: 21 May 2022 03:35

Tgt Ion: 65 Resp: 79216
Ion Ratio Lower Upper
65 100
67 52.3 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY008933.D

Acq: 21 May 2022 03:35

Instrument :

MSVOA_Y

ClientSampleId :

P041-SS001-2430-01

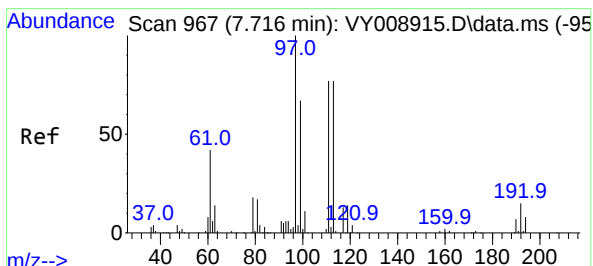
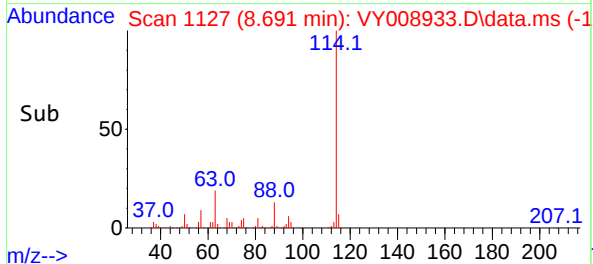
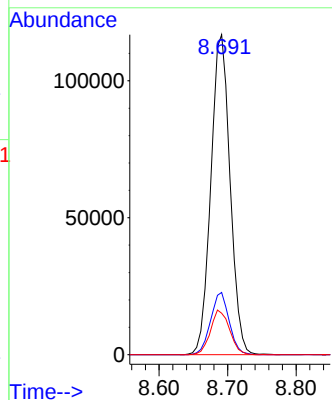
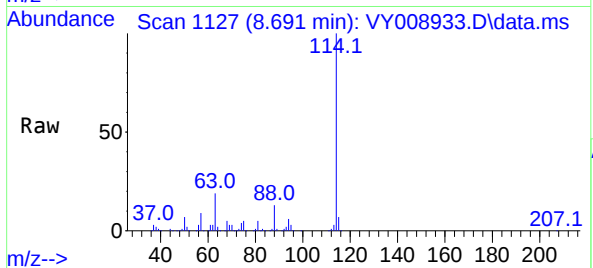
Tgt Ion:114 Resp: 227554

Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 12.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.538 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008933.D

Acq: 21 May 2022 03:35

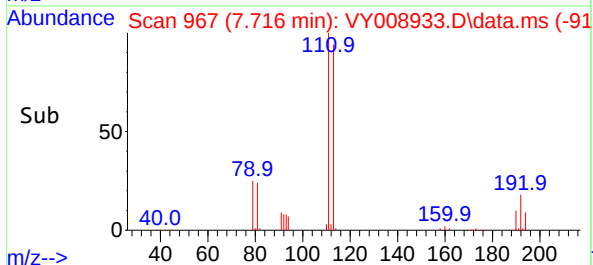
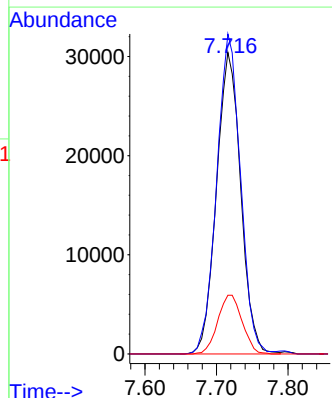
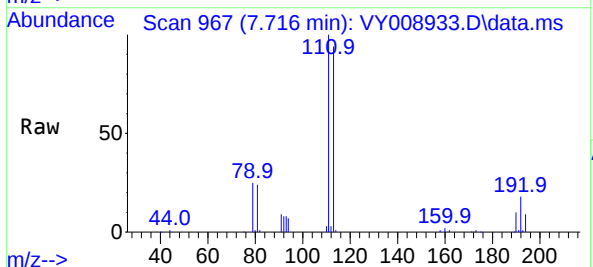
Tgt Ion:113 Resp: 71513

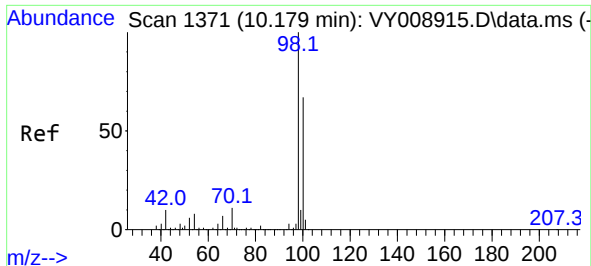
Ion Ratio Lower Upper

113 100

111 104.3 82.6 124.0

192 19.6 17.6 26.4

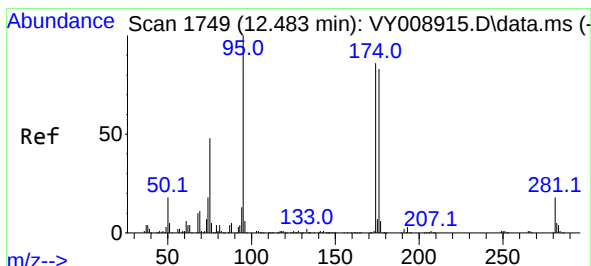
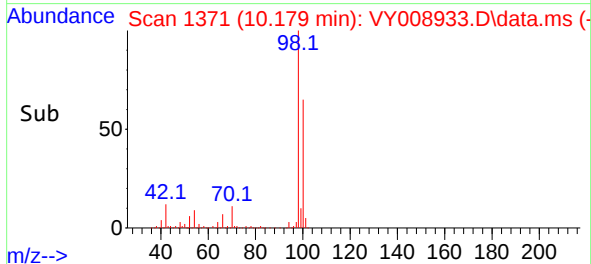
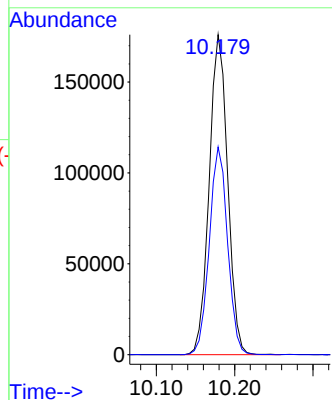
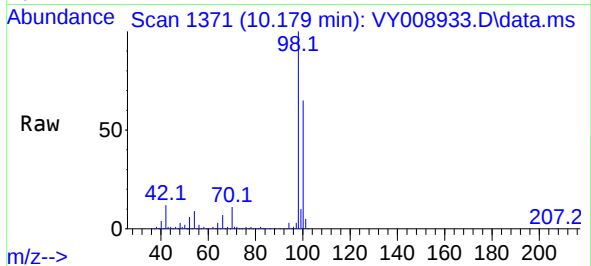




#50
Toluene-d8
Concen: 55.162 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008933.D
Acq: 21 May 2022 03:35

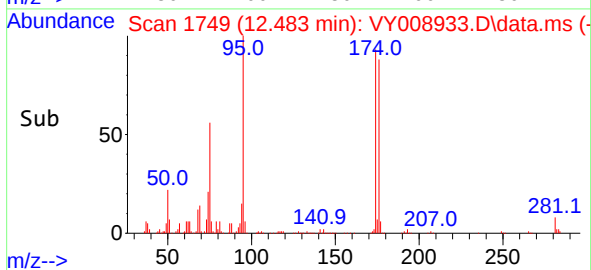
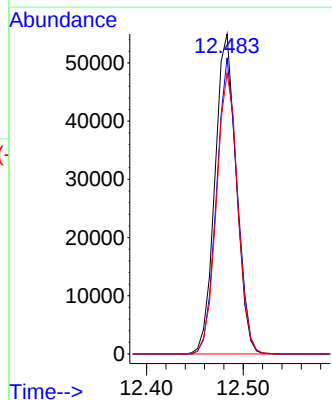
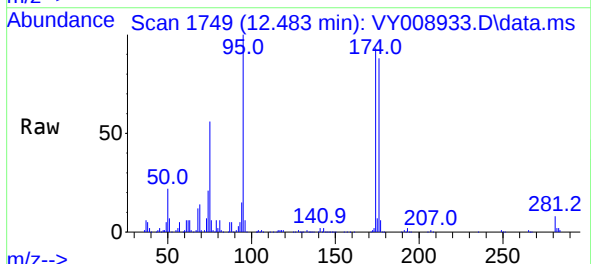
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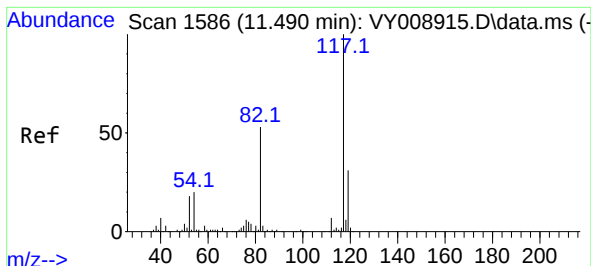
Tgt Ion: 98 Resp: 287958
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.819 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008933.D
Acq: 21 May 2022 03:35

Tgt Ion: 95 Resp: 83850
Ion Ratio Lower Upper
95 100
174 90.3 0.0 177.0
176 87.7 0.0 175.8

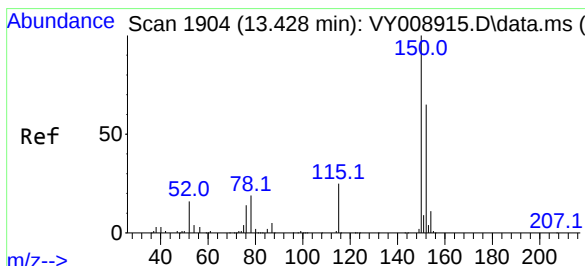
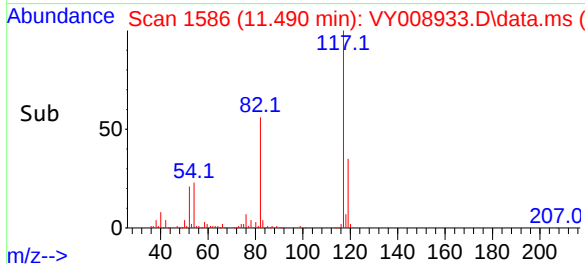
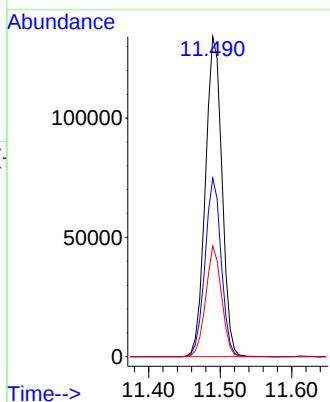
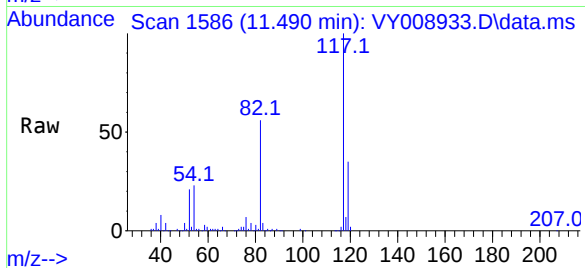




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY008933.D
Acq: 21 May 2022 03:35

Instrument :
MSVOA_Y
ClientSampleId :
P041-SS001-2430-01

Tgt Ion:117 Resp: 215786
Ion Ratio Lower Upper
117 100
82 55.8 43.0 64.4
119 34.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008933.D
Acq: 21 May 2022 03:35

Tgt Ion:152 Resp: 94140
Ion Ratio Lower Upper
152 100
115 56.7 28.2 84.7
150 157.8 0.0 347.6

