

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100522\
 Data File : VY010832.D
 Acq On : 05 Oct 2022 19:48
 Operator : KP/MD
 Sample : N5004-14
 Misc : 9.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D22013-15.5

Quant Time: Oct 06 09:24:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

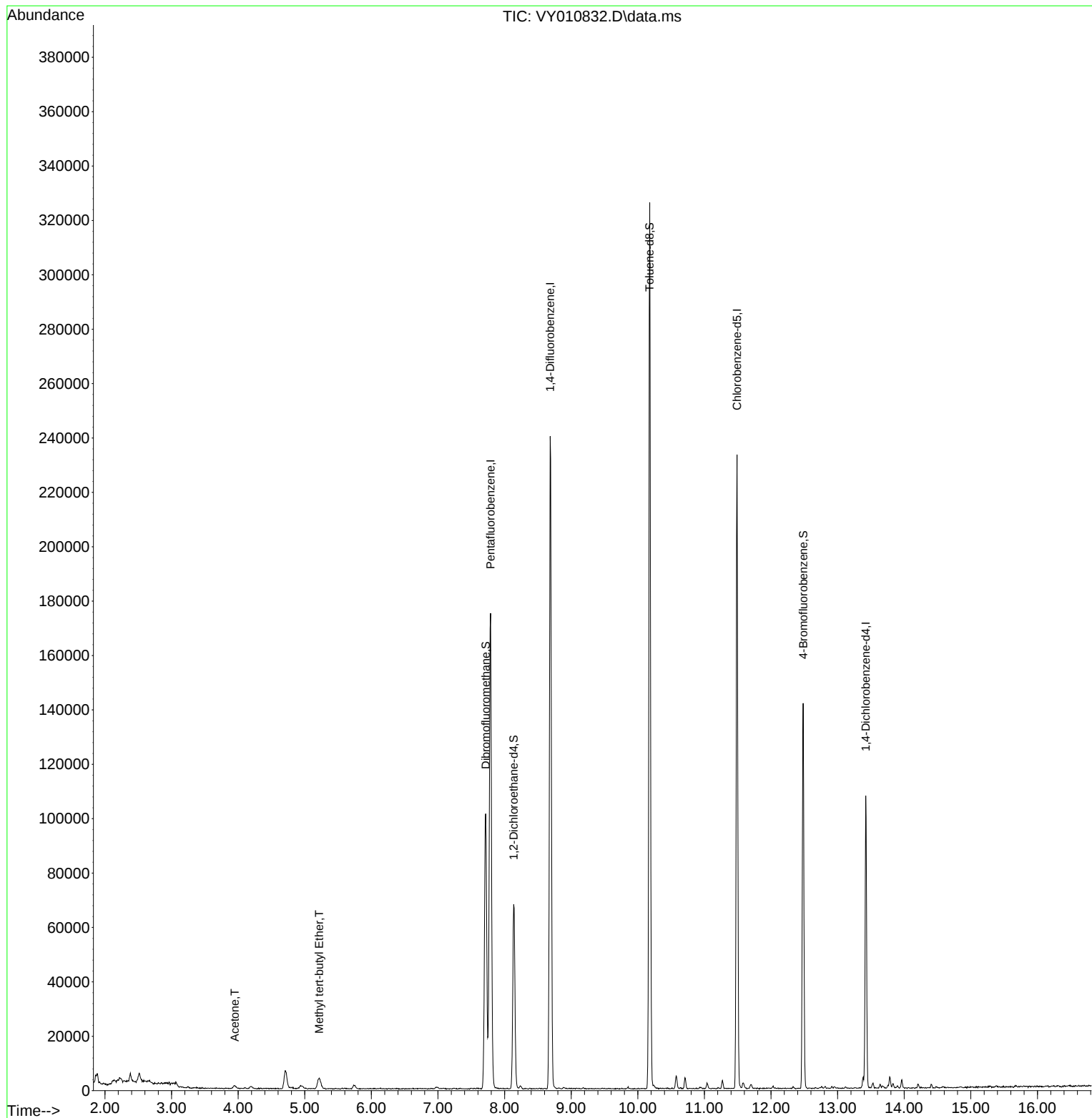
Internal Standards						
1) Pentafluorobenzene	7.789	168	134441	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	206800	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	124997	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	27751	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	54053	39.665	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.340%
35) Dibromofluoromethane	7.715	113	72602	52.888	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.780%
50) Toluene-d8	10.178	98	208185	44.345	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.700%
62) 4-Bromofluorobenzene	12.483	95	40014	19.578	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	39.160%
Target Compounds						
16) Acetone	3.948	43	2122	6.131	ug/l	94
19) Methyl tert-butyl Ether	5.216	73	6620	1.990	ug/l	99

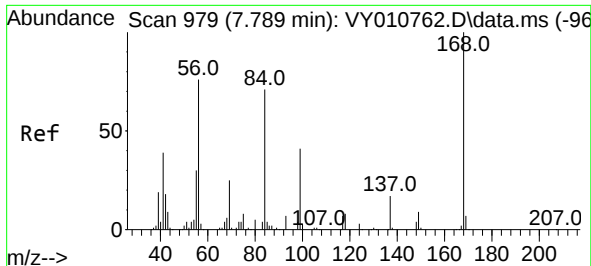
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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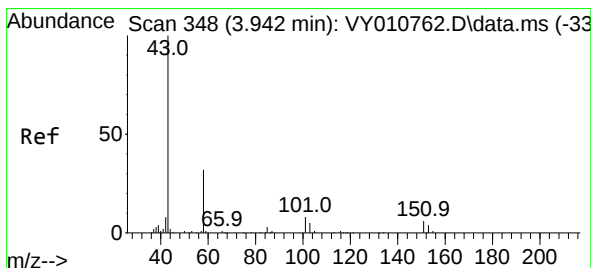
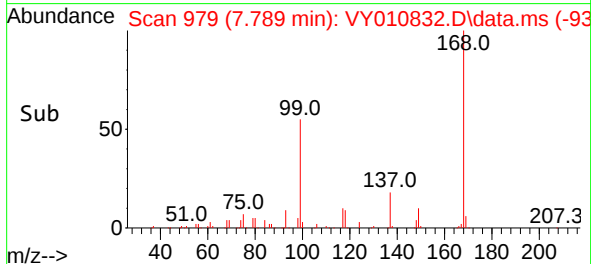
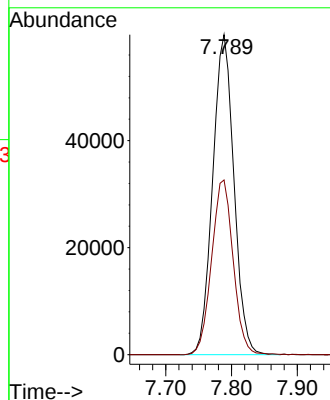
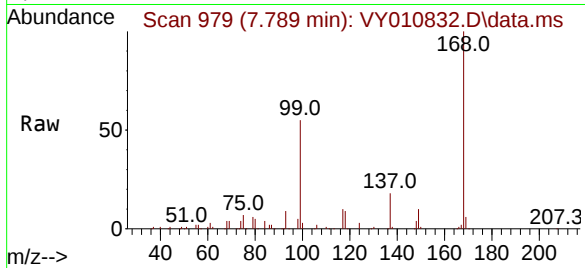




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010832.D
Acq: 05 Oct 2022 19:48

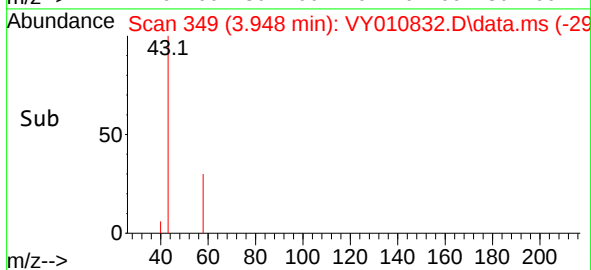
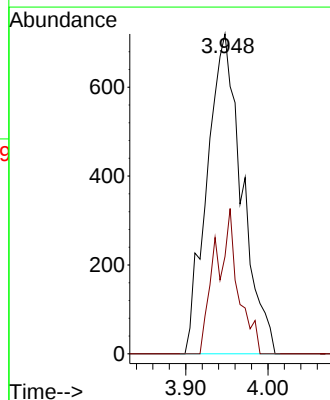
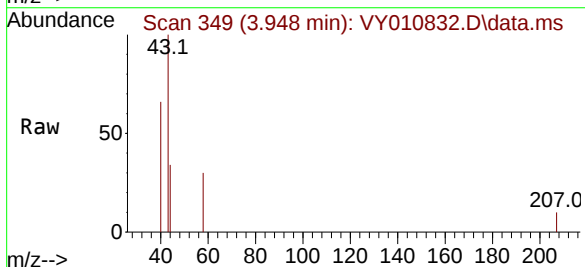
Instrument :
MSVOA_Y
ClientSampleId :
D22013-15.5

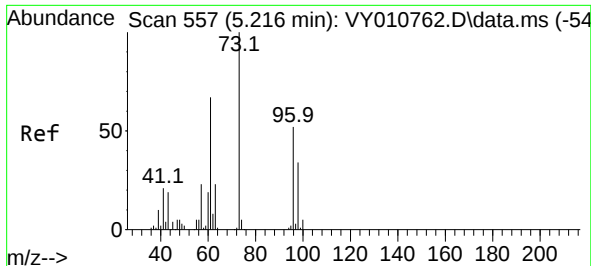
Tgt Ion:168 Resp: 134441
Ion Ratio Lower Upper
168 100
99 54.6 46.9 70.3



#16
Acetone
Concen: 6.131 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY010832.D
Acq: 05 Oct 2022 19:48

Tgt Ion: 43 Resp: 2122
Ion Ratio Lower Upper
43 100
58 30.4 22.0 33.0





#19

Methyl tert-butyl Ether

Concen: 1.990 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY010832.D

Acq: 05 Oct 2022 19:48

Instrument :

MSVOA_Y

ClientSampleId :

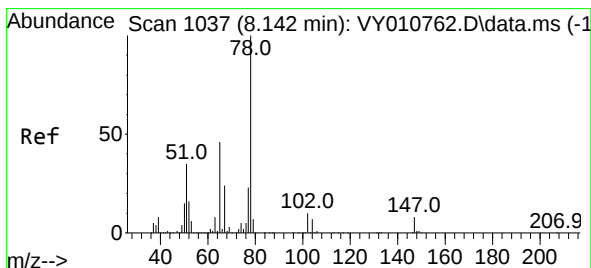
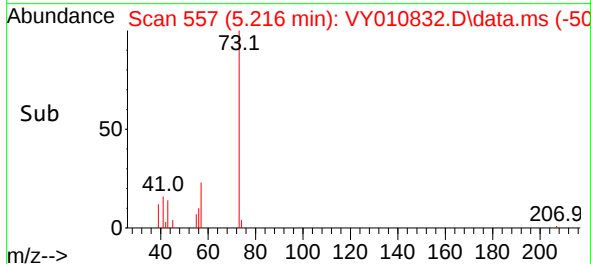
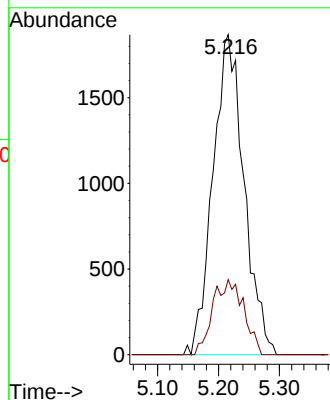
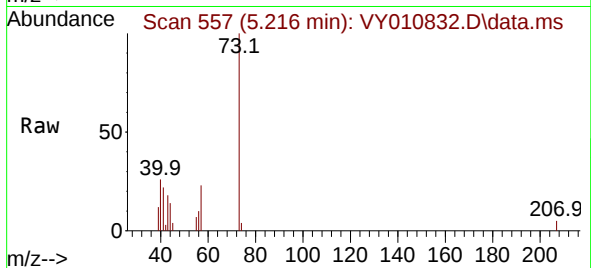
D22013-15.5

Tgt Ion: 73 Resp: 6620

Ion Ratio Lower Upper

73 100

57 23.4 18.6 27.8



#33

1,2-Dichloroethane-d4

Concen: 39.665 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY010832.D

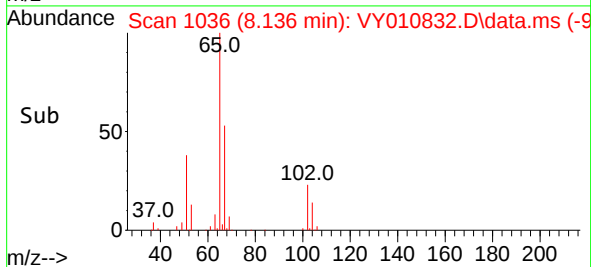
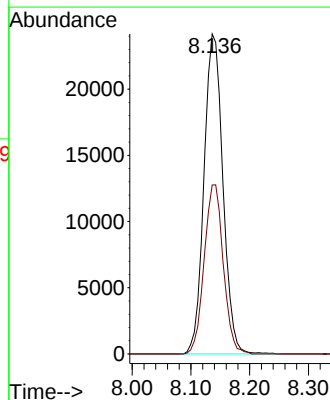
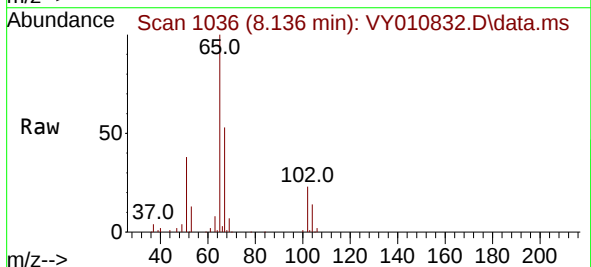
Acq: 05 Oct 2022 19:48

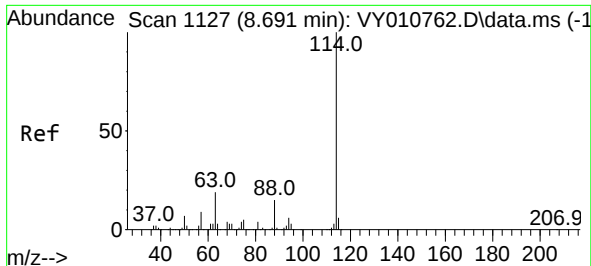
Tgt Ion: 65 Resp: 54053

Ion Ratio Lower Upper

65 100

67 53.3 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY010832.D

Acq: 05 Oct 2022 19:48

Instrument :

MSVOA_Y

ClientSampleId :

D22013-15.5

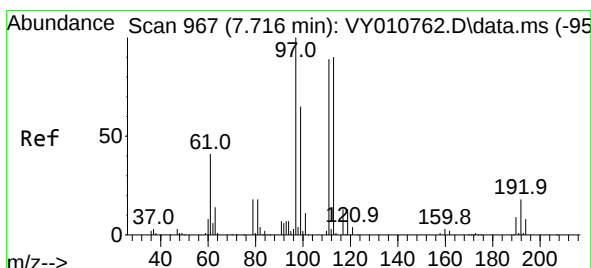
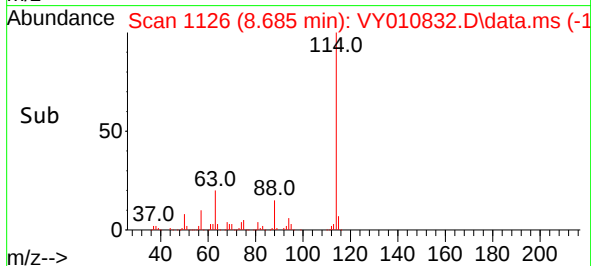
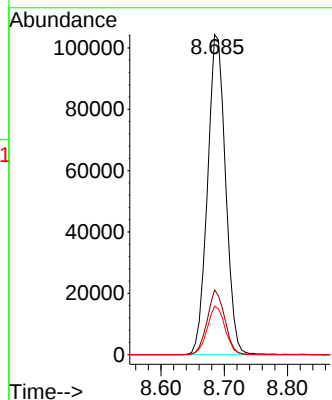
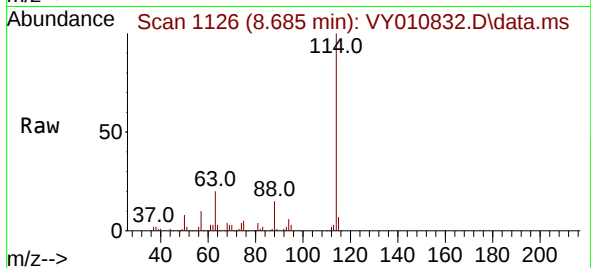
Tgt Ion:114 Resp: 206800

Ion Ratio Lower Upper

114 100

63 20.3 0.0 43.2

88 15.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.888 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.001 min

Lab File: VY010832.D

Acq: 05 Oct 2022 19:48

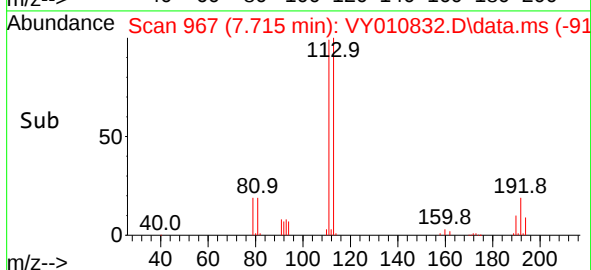
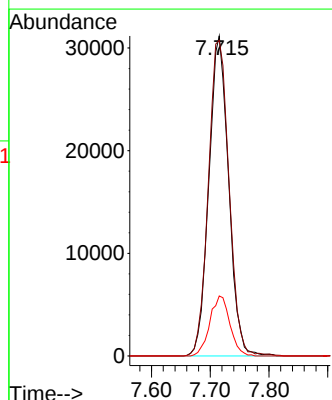
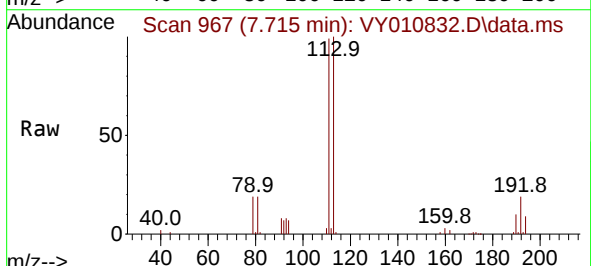
Tgt Ion:113 Resp: 72602

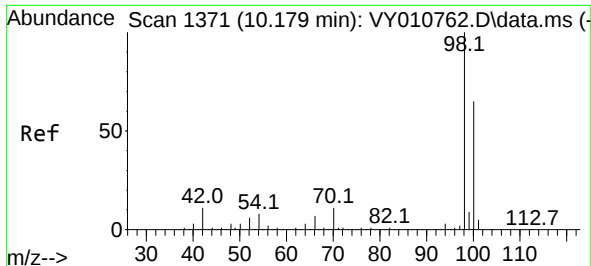
Ion Ratio Lower Upper

113 100

111 103.4 82.6 124.0

192 19.1 17.6 26.4

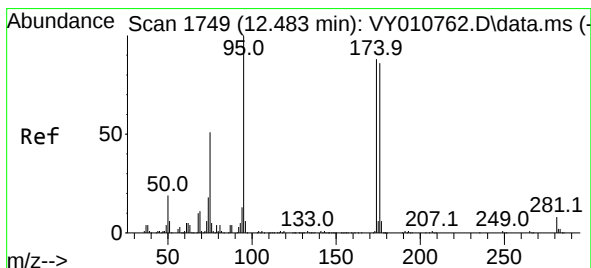
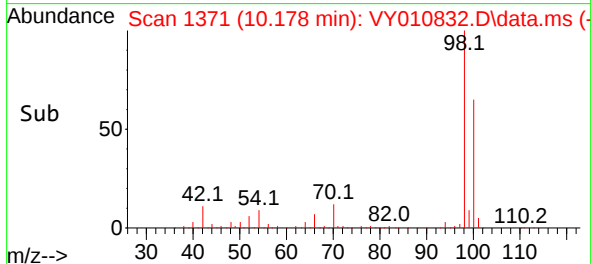
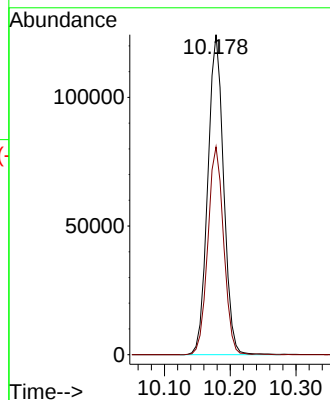
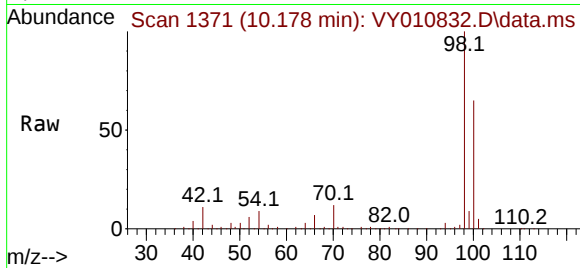




#50
Toluene-d8
Concen: 44.345 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010832.D
Acq: 05 Oct 2022 19:48

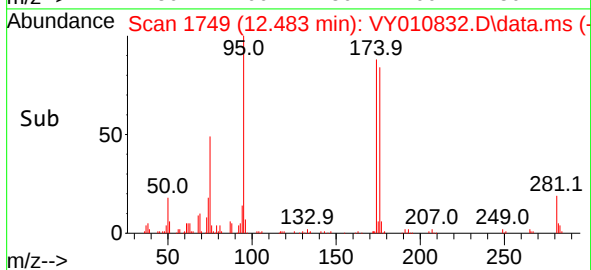
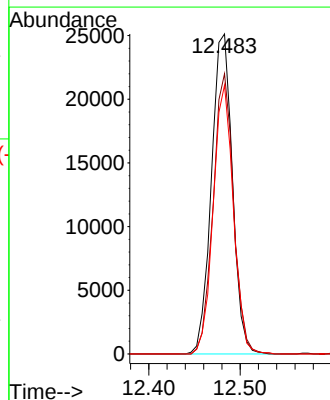
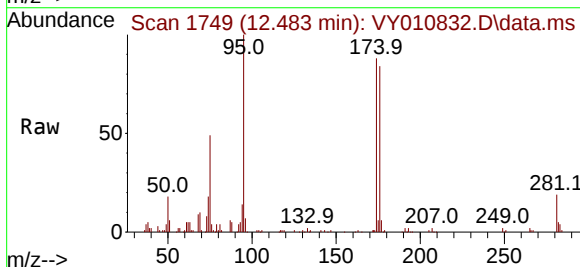
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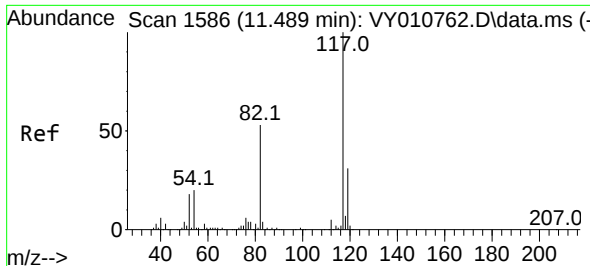
Tgt Ion: 98 Resp: 208185
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 19.578 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY010832.D
Acq: 05 Oct 2022 19:48

Tgt Ion: 95 Resp: 40014
Ion Ratio Lower Upper
95 100
174 85.3 0.0 177.0
176 80.8 0.0 175.8

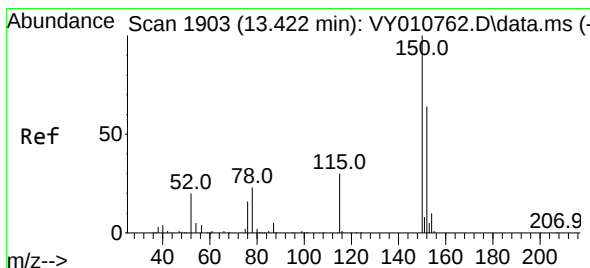
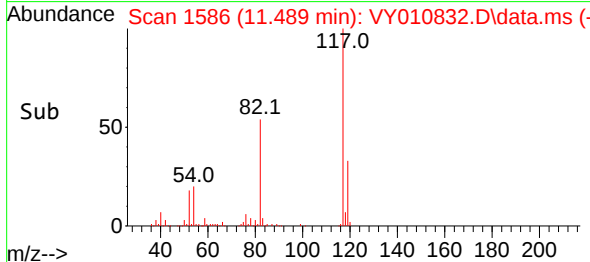
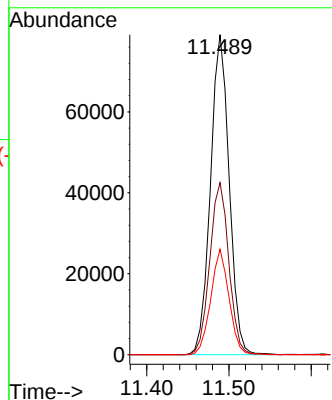
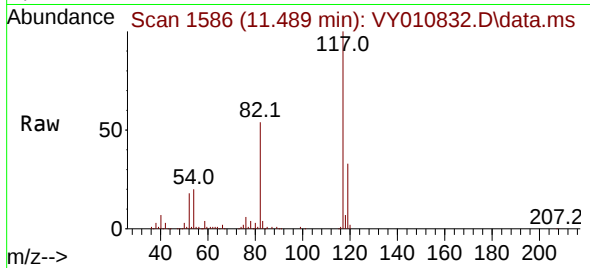




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY010832.D
Acq: 05 Oct 2022 19:48

Instrument :
MSVOA_Y
ClientSampleId :
D22013-15.5

Tgt Ion:117 Resp: 124997
Ion Ratio Lower Upper
117 100
82 53.7 43.0 64.4
119 33.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY010832.D
Acq: 05 Oct 2022 19:48

Tgt Ion:152 Resp: 27751
Ion Ratio Lower Upper
152 100
115 56.8 28.2 84.7
150 156.7 0.0 347.6

