

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021722\
 Data File : VY007535.D
 Acq On : 17 Feb 2022 20:08
 Operator : SY/MD
 Sample : N1580-10
 Misc : 5.94g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D-10

Quant Time: Feb 18 07:44:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 15 09:34:50 2022
 Response via : Initial Calibration

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

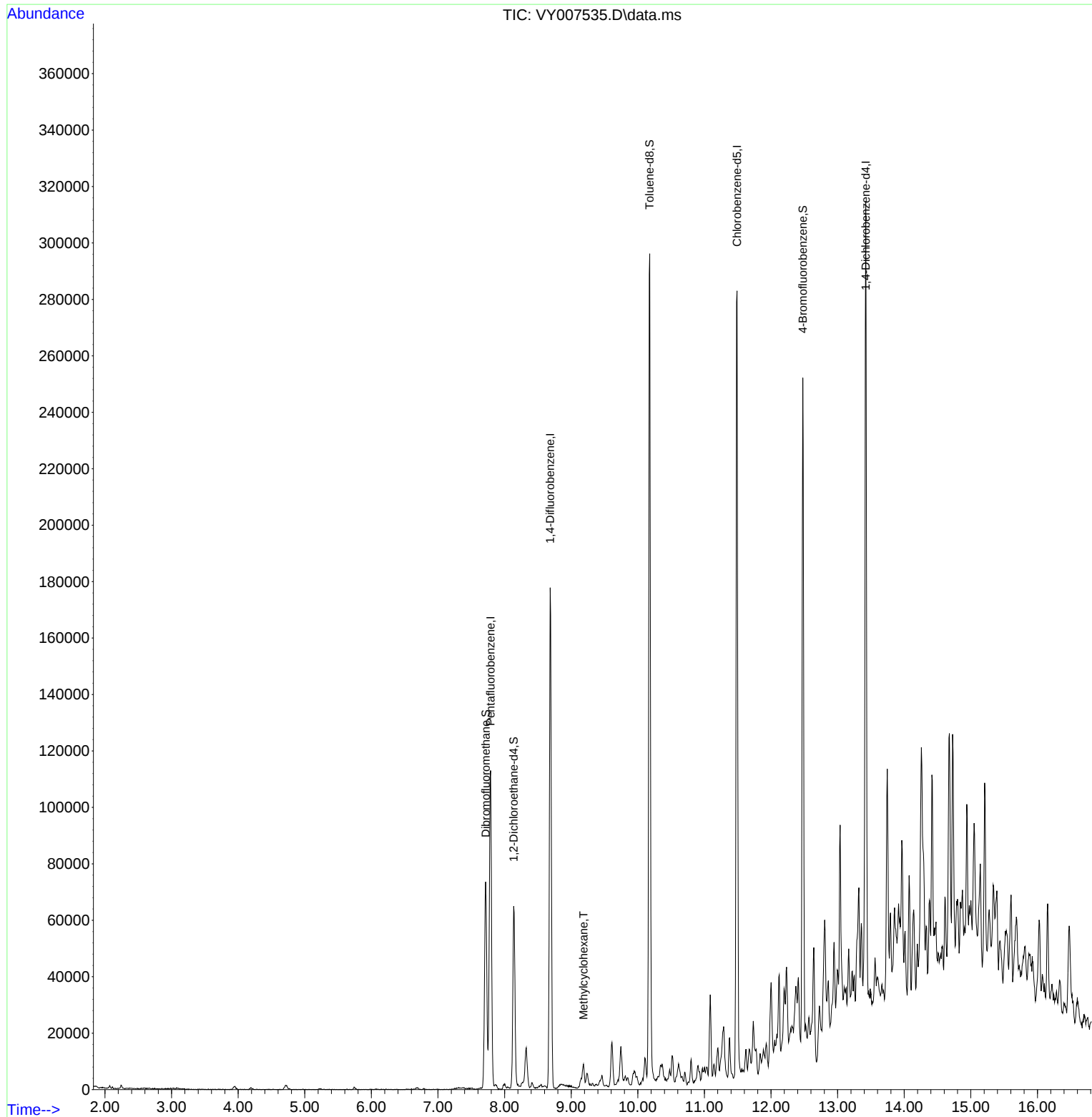
Internal Standards						
1) Pentafluorobenzene	7.789	168	86526	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	154985	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	156782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	71641	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	49534	51.852	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.700%	
35) Dibromofluoromethane	7.716	113	51147	52.331	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.660%	
50) Toluene-d8	10.179	98	192316	51.807	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.620%	
62) 4-Bromofluorobenzene	12.477	95	71188	56.556	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.120%	
Target Compounds						
39) Methylcyclohexane	9.185	83	2966	1.443	ug/l	Qvalue 89

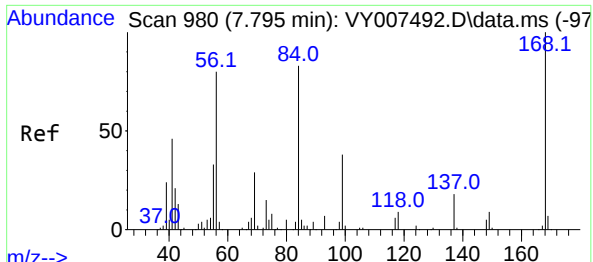
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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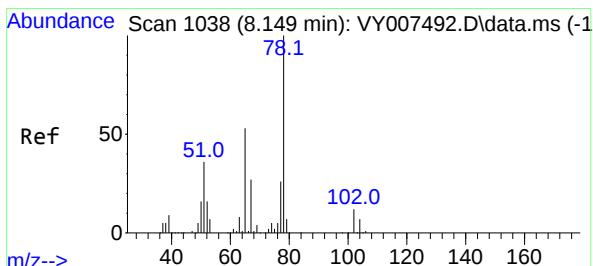
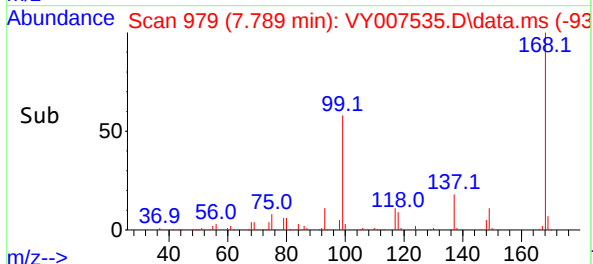
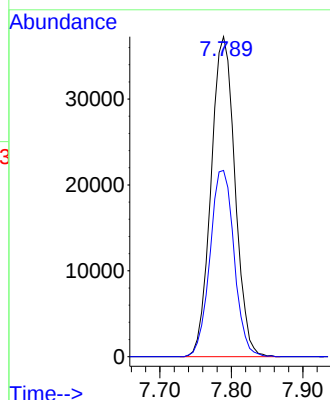
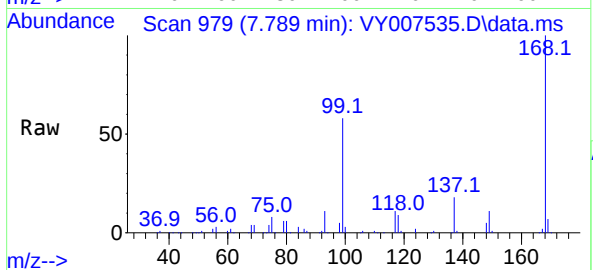




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007535.D
Acq: 17 Feb 2022 20:08

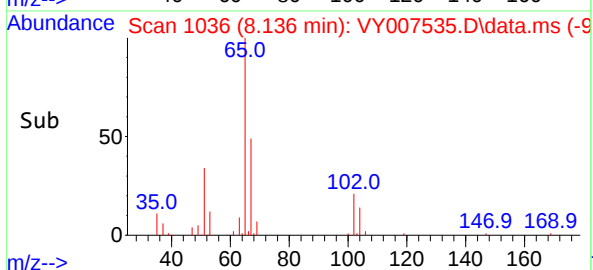
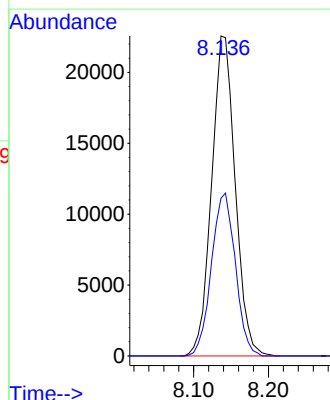
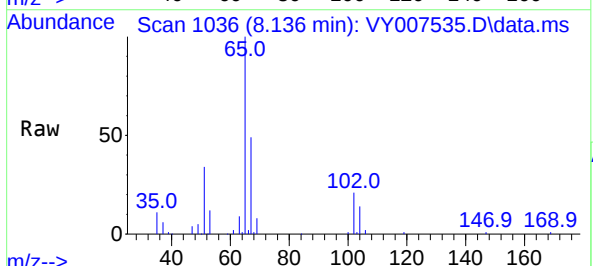
Instrument :
MSVOA_Y
ClientSampleId :
D-10

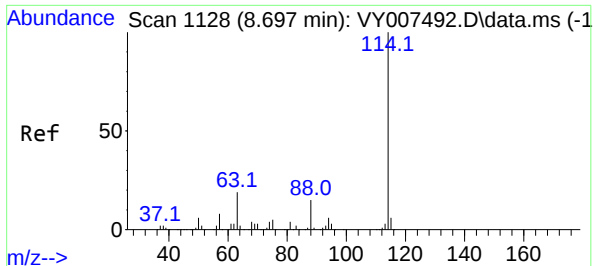
Tgt Ion:168 Resp: 86526
Ion Ratio Lower Upper
168 100
99 58.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 51.852 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY007535.D
Acq: 17 Feb 2022 20:08

Tgt Ion: 65 Resp: 49534
Ion Ratio Lower Upper
65 100
67 51.6 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY007535.D

Acq: 17 Feb 2022 20:08

Instrument :

MSVOA_Y

ClientSampleId :

D-10

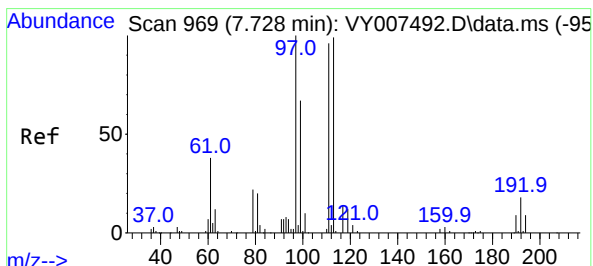
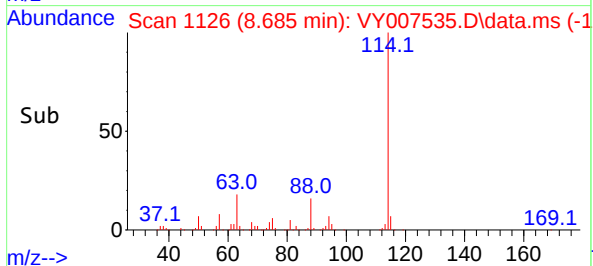
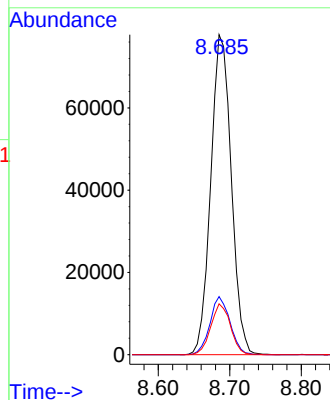
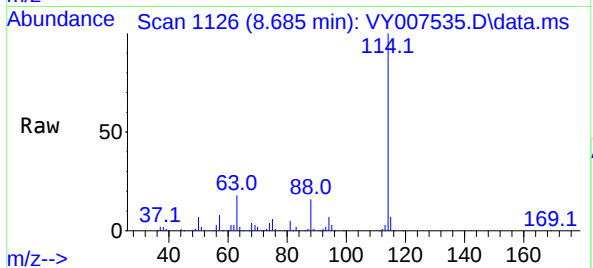
Tgt Ion:114 Resp: 154985

Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 15.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.331 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY007535.D

Acq: 17 Feb 2022 20:08

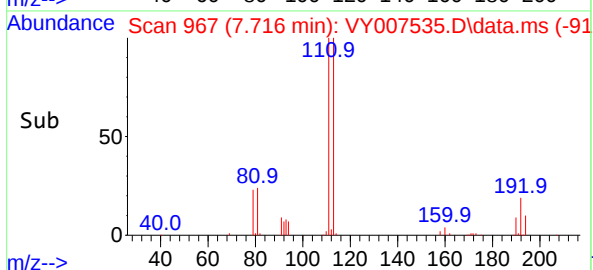
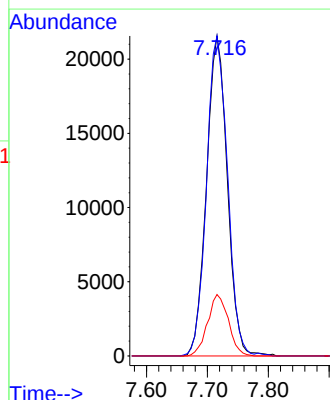
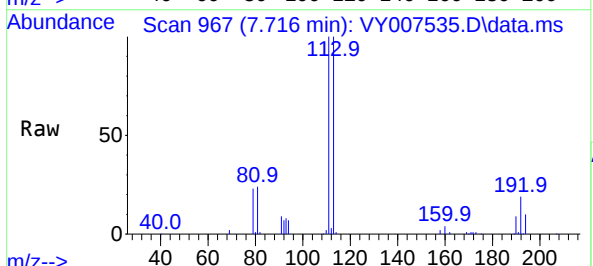
Tgt Ion:113 Resp: 51147

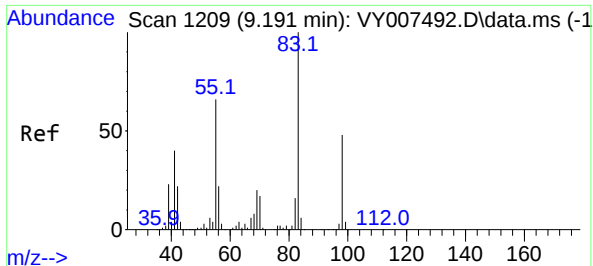
Ion Ratio Lower Upper

113 100

111 101.2 82.6 124.0

192 19.2 17.6 26.4





#39

Methylcyclohexane

Concen: 1.443 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY007535.D

Acq: 17 Feb 2022 20:08

Instrument :

MSVOA_Y

ClientSampleId :

D-10

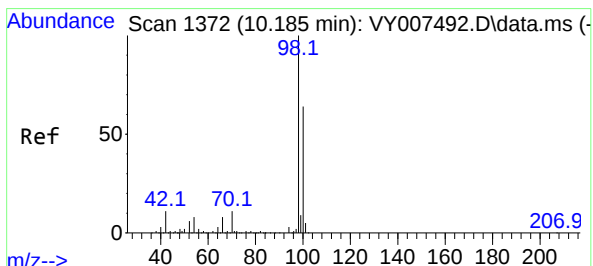
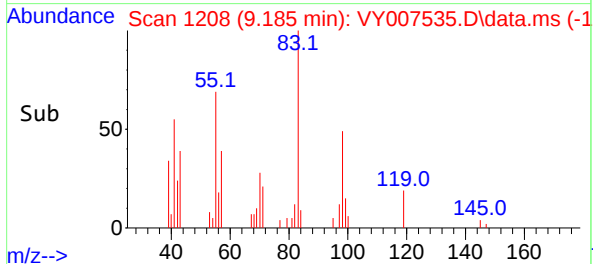
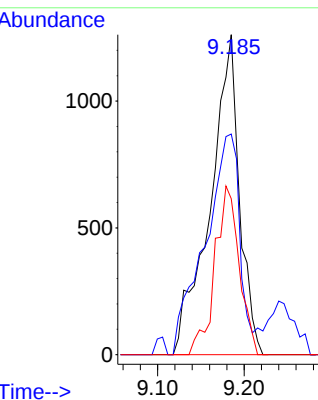
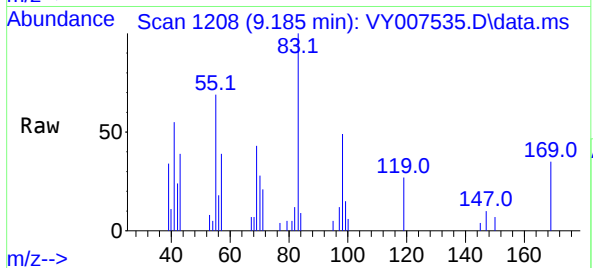
Tgt Ion: 83 Resp: 2966

Ion Ratio Lower Upper

83 100

55 68.9 66.5 99.7

98 48.7 37.9 56.9



#50

Toluene-d8

Concen: 51.807 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY007535.D

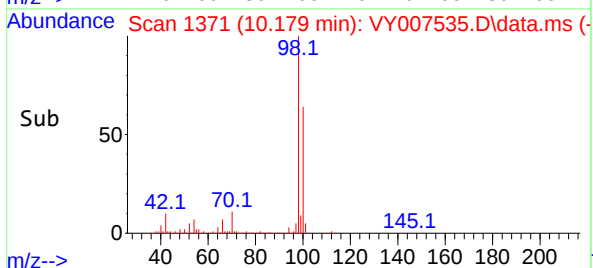
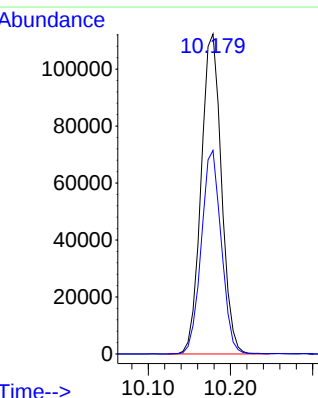
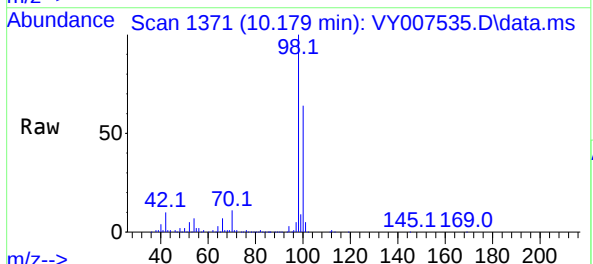
Acq: 17 Feb 2022 20:08

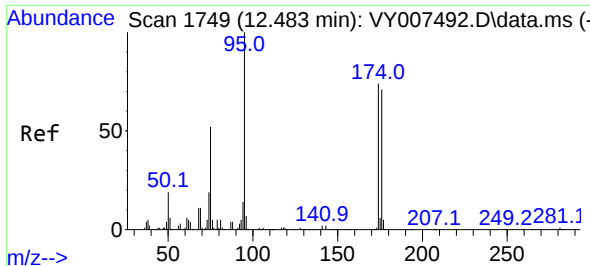
Tgt Ion: 98 Resp: 192316

Ion Ratio Lower Upper

98 100

100 62.7 50.2 75.2



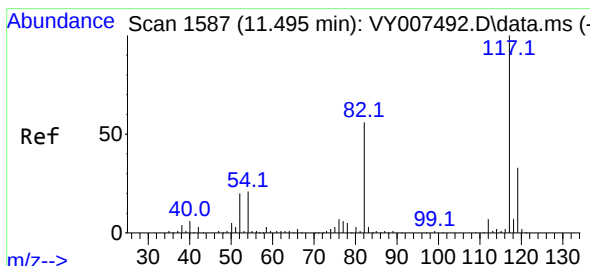
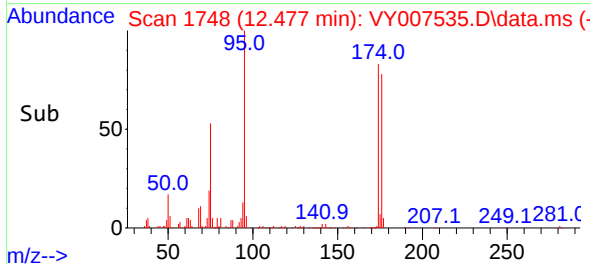
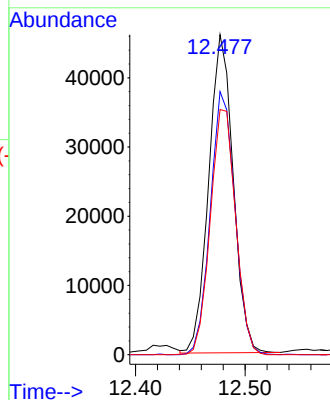
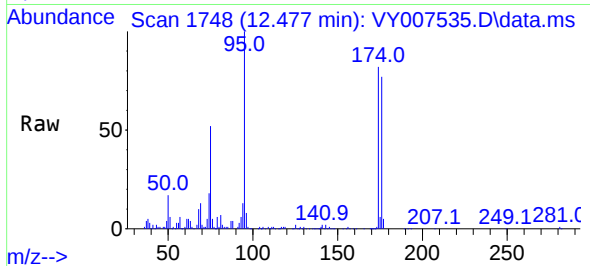


#62
4-Bromofluorobenzene
Concen: 56.556 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007535.D
Acq: 17 Feb 2022 20:08

Instrument :
MSVOA_Y
ClientSampleId :
D-10

Tgt Ion: 95 Resp: 71188

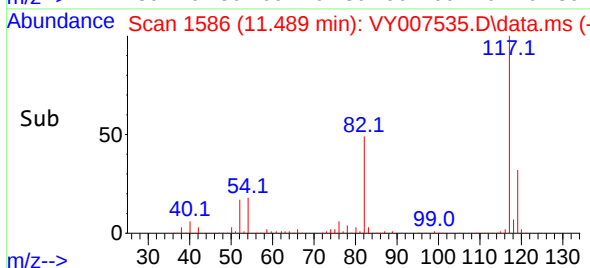
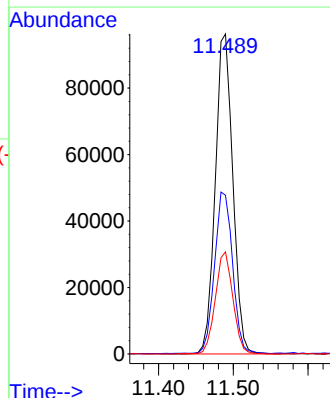
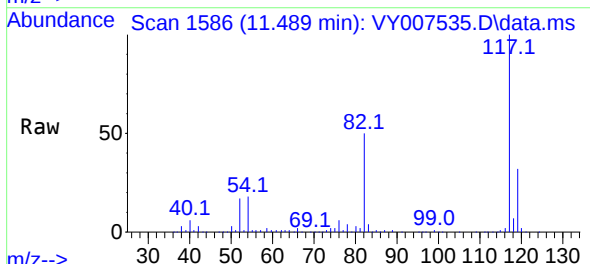
Ion	Ratio	Lower	Upper
95	100		
174	83.2	0.0	177.0
176	79.9	0.0	175.8

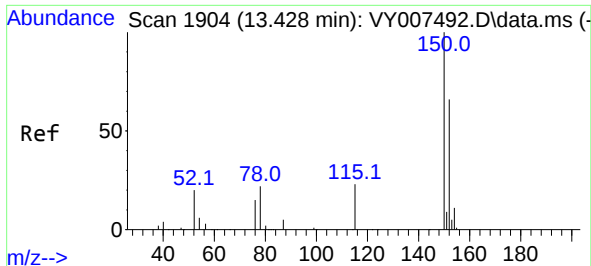


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007535.D
Acq: 17 Feb 2022 20:08

Tgt Ion: 117 Resp: 156782

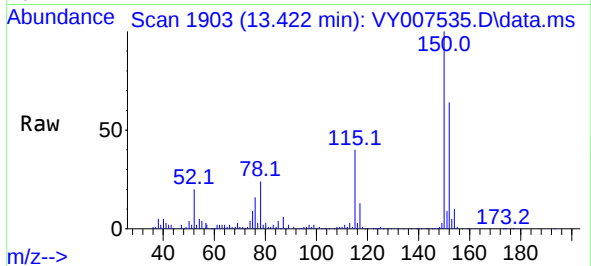
Ion	Ratio	Lower	Upper
117	100		
82	49.4	43.0	64.4
119	31.9	25.4	38.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007535.D
Acq: 17 Feb 2022 20:08

Instrument :
MSVOA_Y
ClientSampleId :
D-10



Tgt Ion:152 Resp: 71641
Ion Ratio Lower Upper
152 100
115 58.8 28.2 84.7
150 154.0 0.0 347.6

