

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051922\
 Data File : VY008873.D
 Acq On : 19 May 2022 17:21
 Operator : KP/MD
 Sample : N2841-11
 Misc : 5.42g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P006-SS002-0006-01

Quant Time: May 20 02:53:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 07:32:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	132881	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	238744	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	229353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	98482	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	86820	70.428	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	140.860%
35) Dibromofluoromethane	7.715	113	76966	55.176	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.360%
50) Toluene-d8	10.178	98	297635	48.129	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.260%
62) 4-Bromofluorobenzene	12.483	95	89392	41.069	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.140%

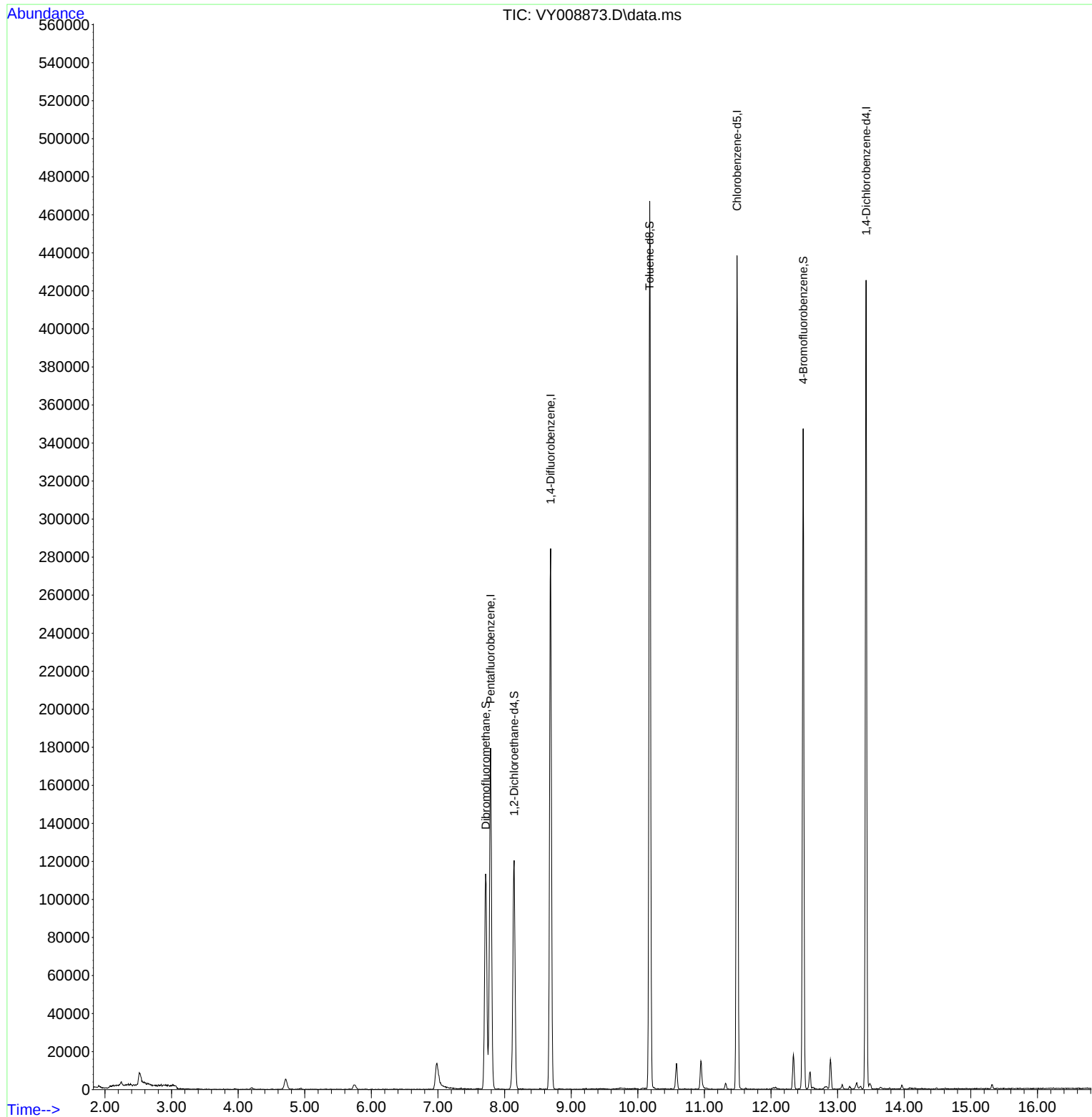
Target Compounds	Qvalue

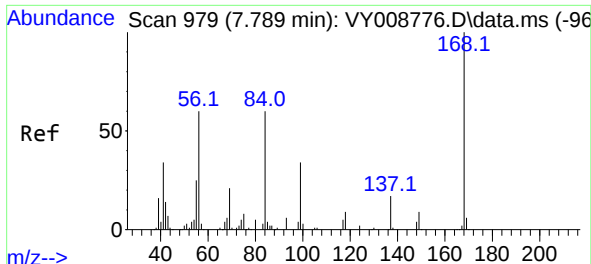
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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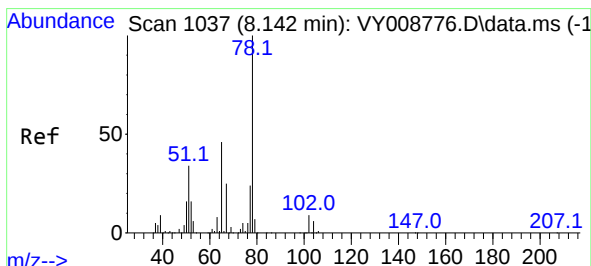
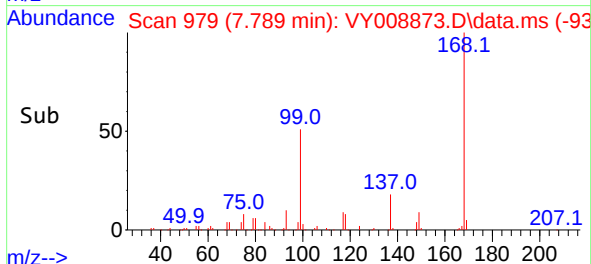
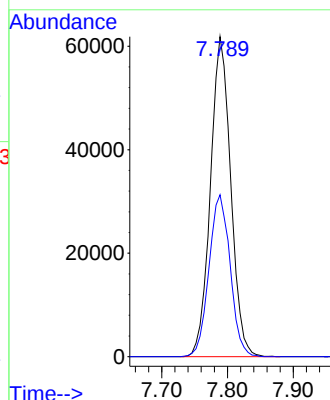
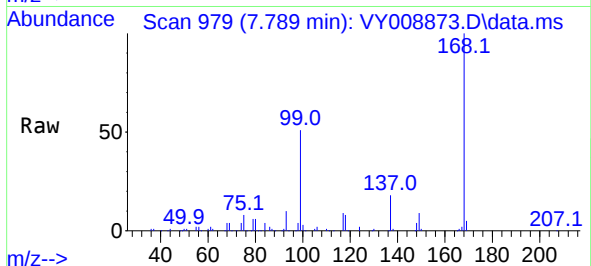




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008873.D
Acq: 19 May 2022 17:21

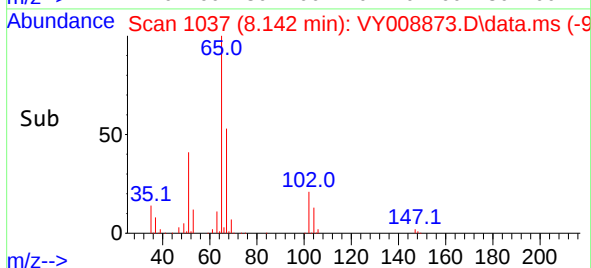
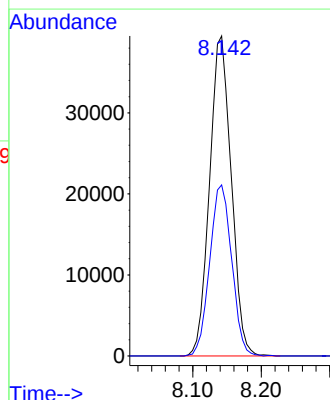
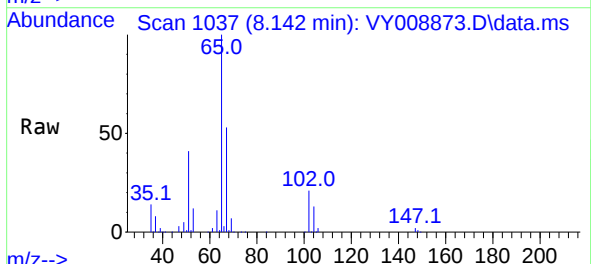
Instrument :
MSVOA_Y
ClientSampleId :
P006-SS002-0006-01

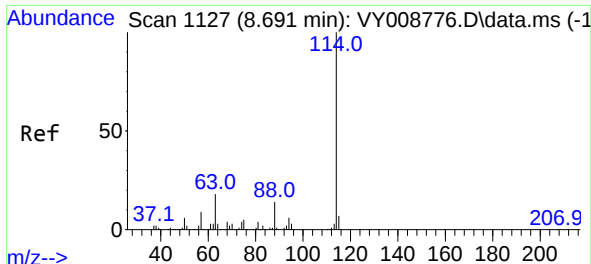
Tgt Ion:168 Resp: 132881
Ion Ratio Lower Upper
168 100
99 50.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 70.428 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY008873.D
Acq: 19 May 2022 17:21

Tgt Ion: 65 Resp: 86820
Ion Ratio Lower Upper
65 100
67 54.3 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY008873.D

Acq: 19 May 2022 17:21

Instrument :

MSVOA_Y

ClientSampleId :

P006-SS002-0006-01

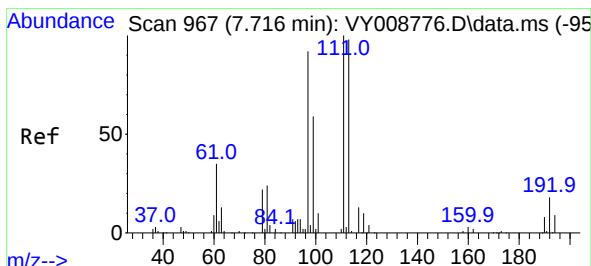
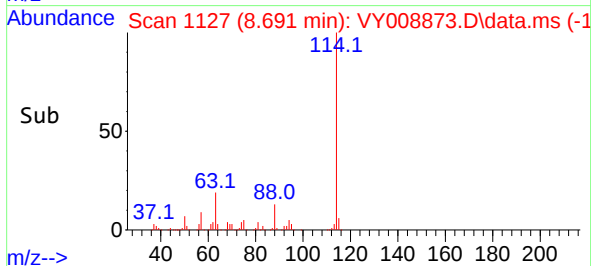
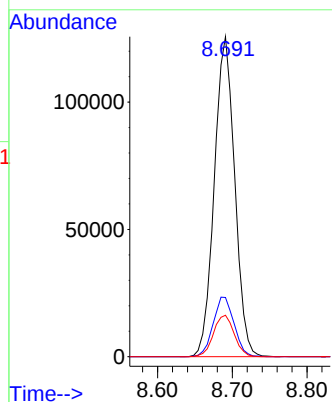
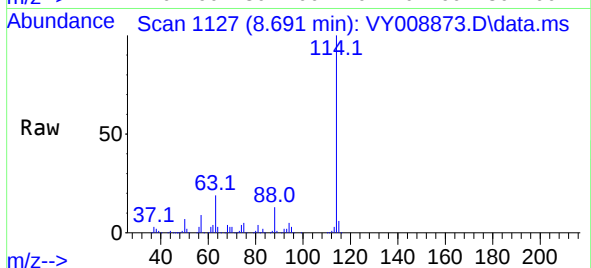
Tgt Ion:114 Resp: 238744

Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

88 13.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 55.176 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008873.D

Acq: 19 May 2022 17:21

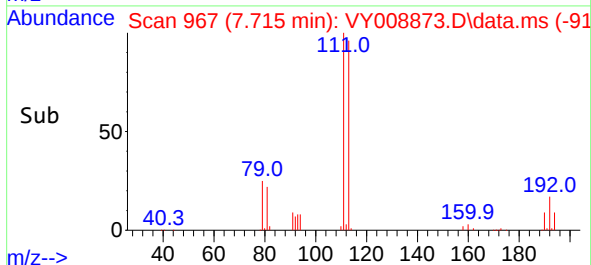
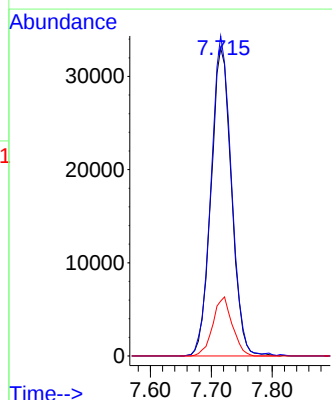
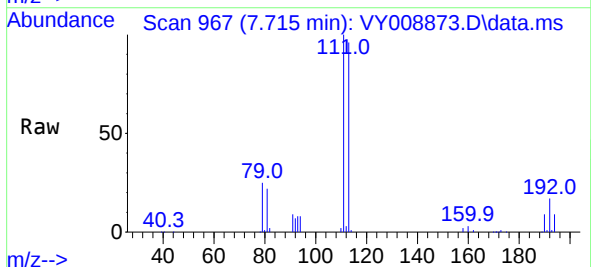
Tgt Ion:113 Resp: 76966

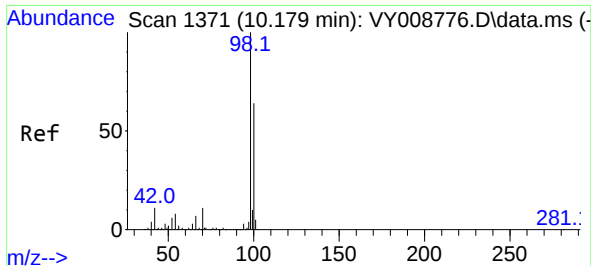
Ion Ratio Lower Upper

113 100

111 103.2 82.6 124.0

192 18.2 17.6 26.4

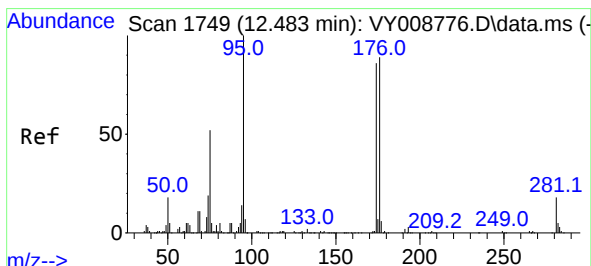
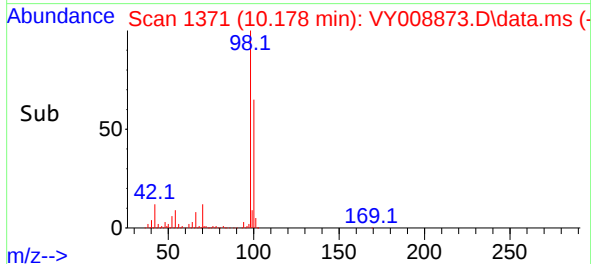
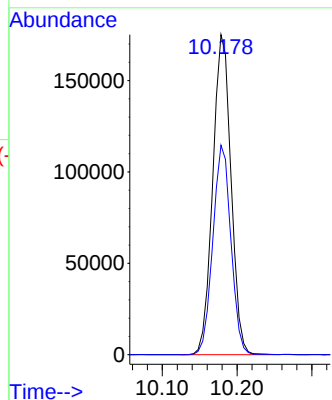
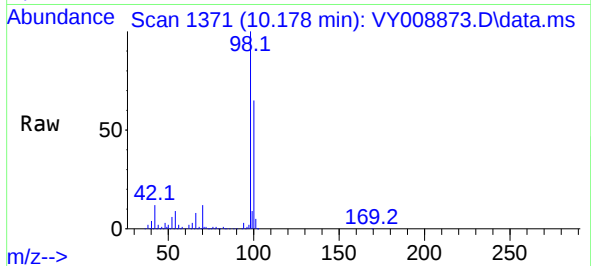




#50
Toluene-d8
Concen: 48.129 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY008873.D
Acq: 19 May 2022 17:21

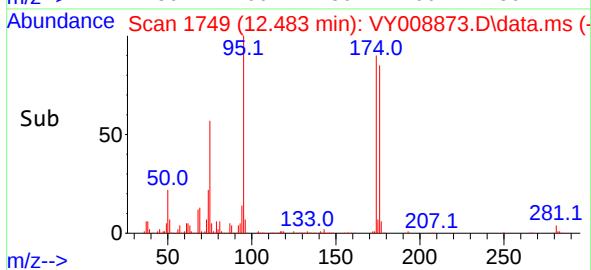
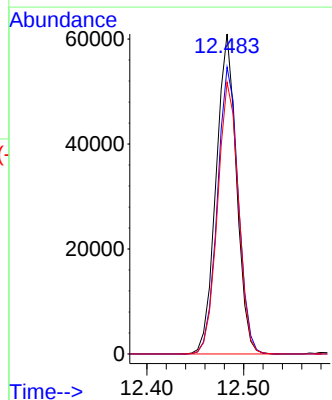
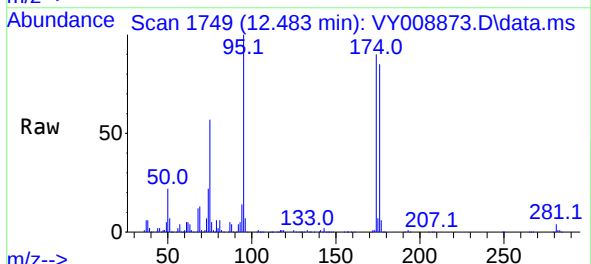
Instrument :
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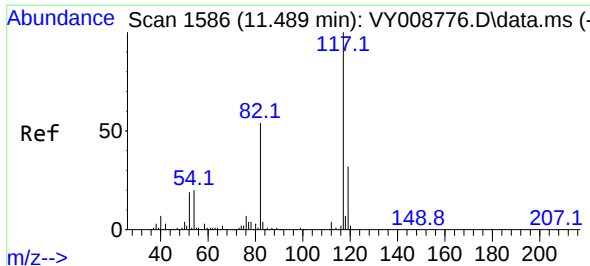
Tgt Ion: 98 Resp: 297635
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.069 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008873.D
Acq: 19 May 2022 17:21

Tgt Ion: 95 Resp: 89392
Ion Ratio Lower Upper
95 100
174 91.5 0.0 177.0
176 86.8 0.0 175.8



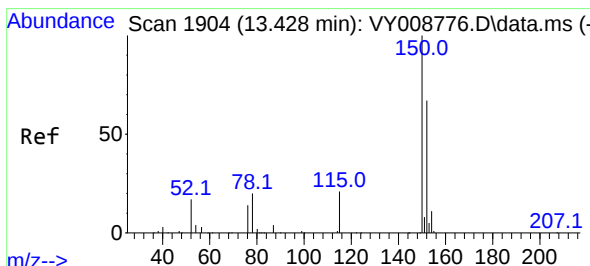
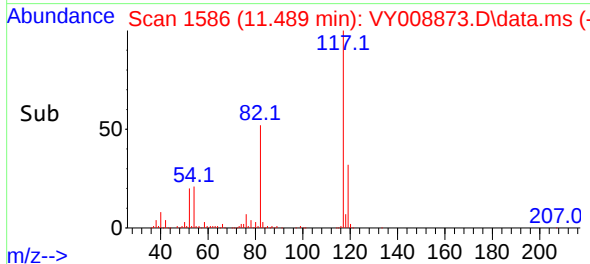
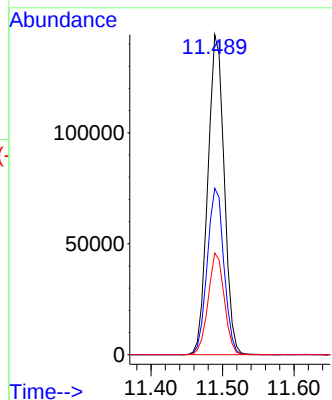
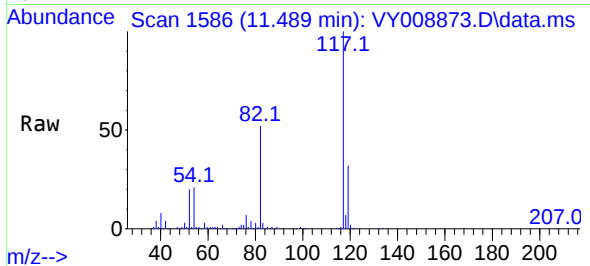


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY008873.D
Acq: 19 May 2022 17:21

Instrument :
MSVOA_Y
ClientSampleId :
P006-SS002-0006-01

Tgt Ion:117 Resp: 229353

Ion	Ratio	Lower	Upper
117	100		
82	52.0	43.0	64.4
119	31.7	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: VY008873.D
Acq: 19 May 2022 17:21

Tgt Ion:152 Resp: 98482

Ion	Ratio	Lower	Upper
152	100		
115	56.8	28.2	84.7
150	160.0	0.0	347.6

