

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032922\
 Data File : VY008085.D
 Acq On : 29 Mar 2022 14:29
 Operator : SY/MD
 Sample : N2155-02
 Misc : 5.29g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 22L076-B

Quant Time: Mar 30 03:59:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

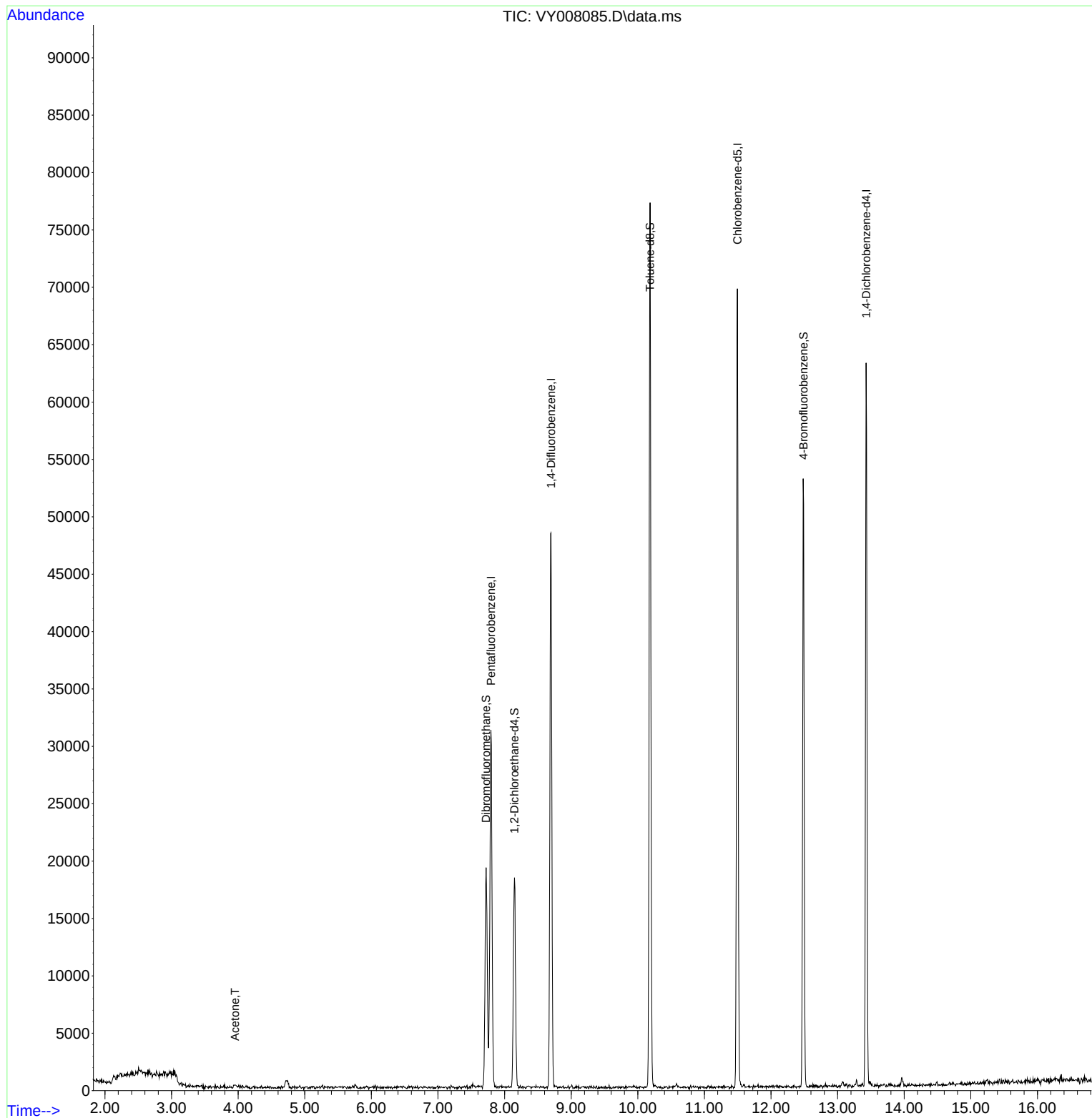
Internal Standards						
1) Pentafluorobenzene	7.795	168	24755	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	44813	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	40038	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	16372	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	14779	59.505	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.000%
35) Dibromofluoromethane	7.722	113	14362	51.117	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.240%
50) Toluene-d8	10.185	98	52620	49.710	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.420%
62) 4-Bromofluorobenzene	12.489	95	17214	46.094	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.180%
Target Compounds						
16) Acetone	3.954	43	645	11.362	ug/l	Qvalue # 71

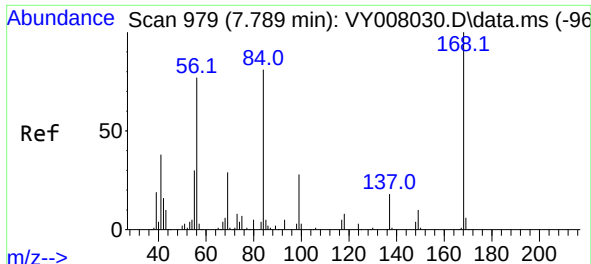
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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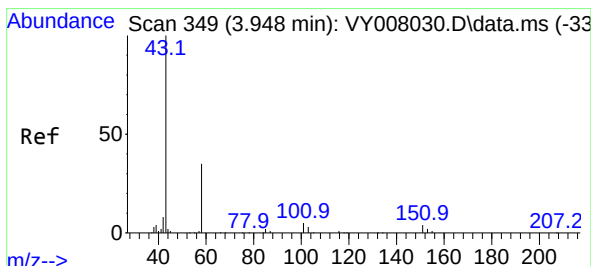
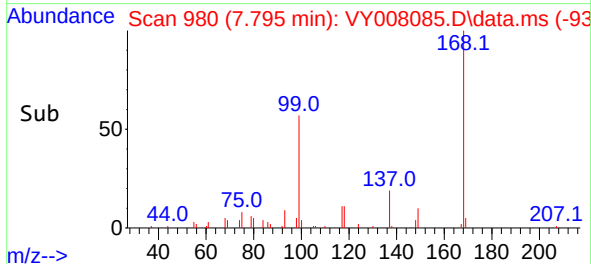
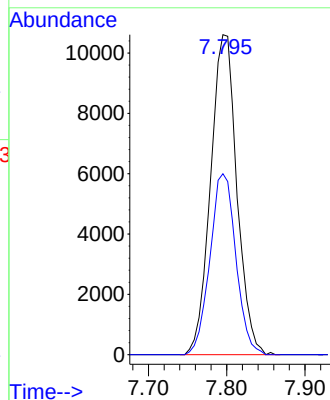
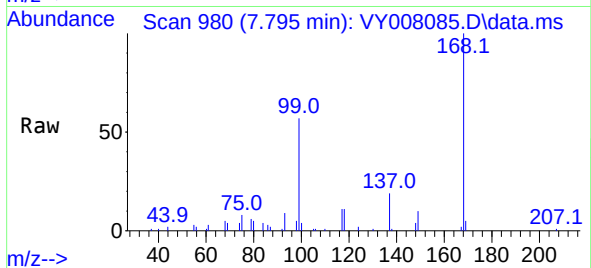




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008085.D
Acq: 29 Mar 2022 14:29

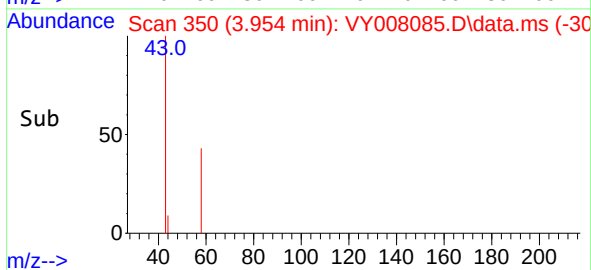
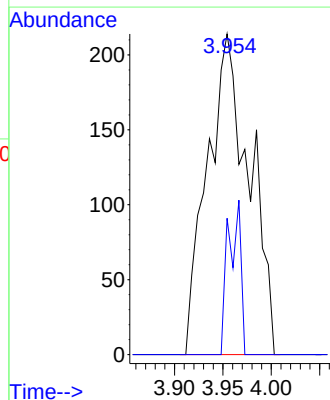
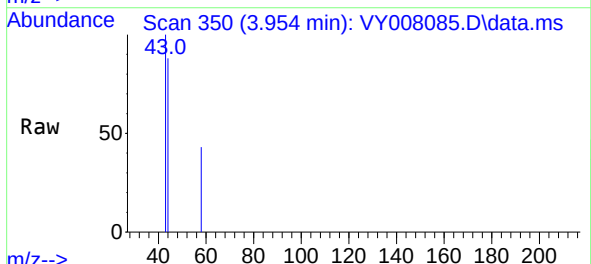
Instrument :
MSVOA_Y
ClientSampleId :
22L076-B

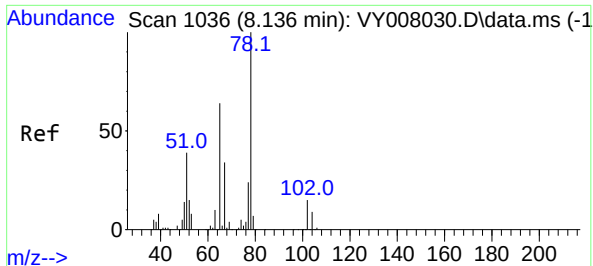
Tgt Ion:168 Resp: 24755
Ion Ratio Lower Upper
168 100
99 56.5 46.9 70.3



#16
Acetone
Concen: 11.362 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY008085.D
Acq: 29 Mar 2022 14:29

Tgt Ion: 43 Resp: 645
Ion Ratio Lower Upper
43 100
58 42.5 22.0 33.0#





#33

1,2-Dichloroethane-d4

Concen: 59.505 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.013 min

Lab File: VY008085.D

Acq: 29 Mar 2022 14:29

Instrument :

MSVOA_Y

ClientSampleId :

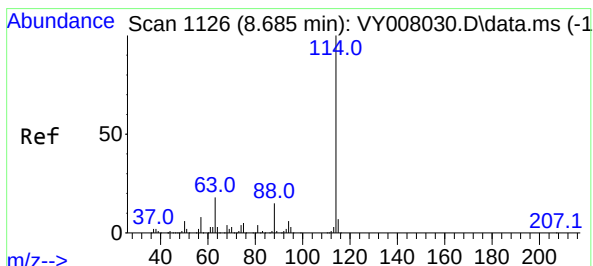
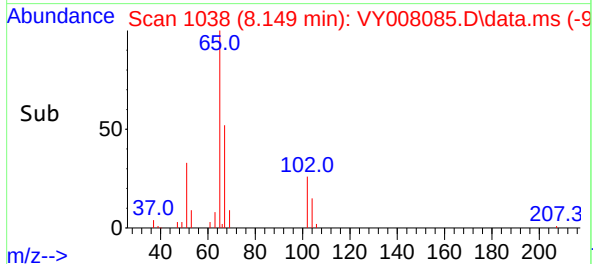
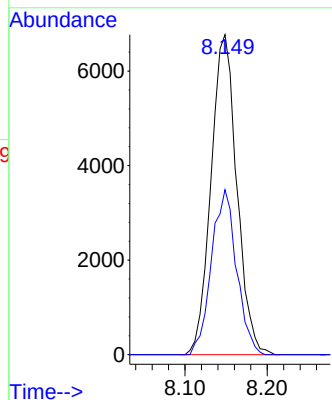
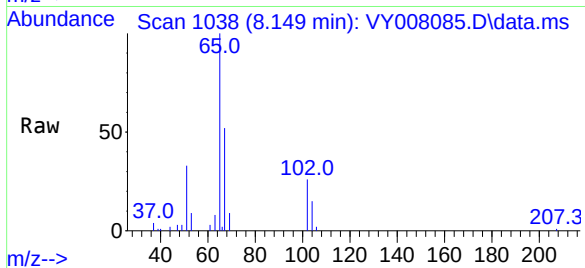
22L076-B

Tgt Ion: 65 Resp: 14779

Ion Ratio Lower Upper

65 100

67 50.1 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.012 min

Lab File: VY008085.D

Acq: 29 Mar 2022 14:29

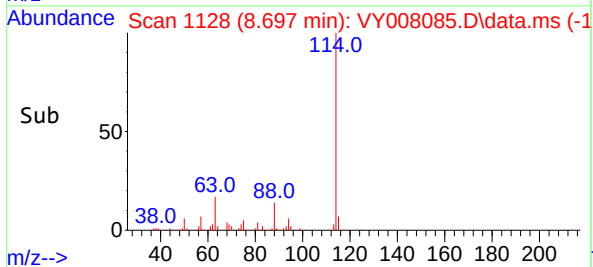
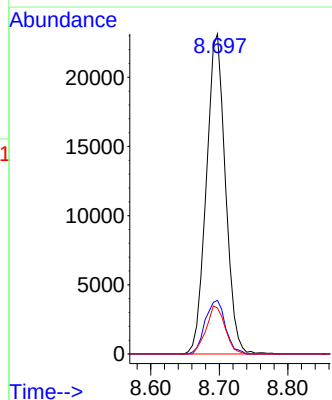
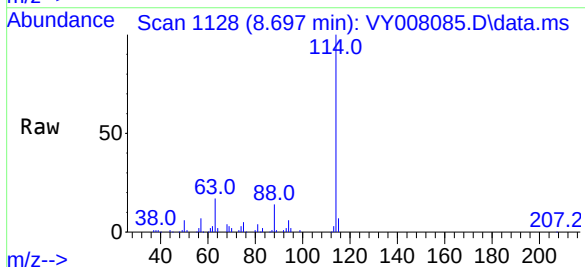
Tgt Ion: 114 Resp: 44813

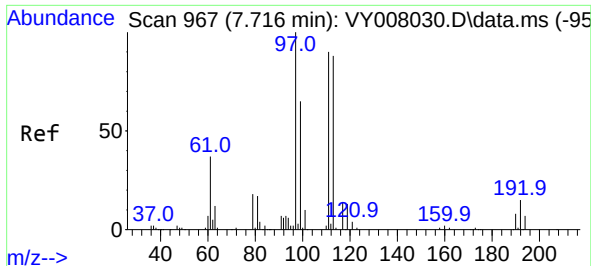
Ion Ratio Lower Upper

114 100

63 16.7 0.0 43.2

88 14.3 0.0 31.8

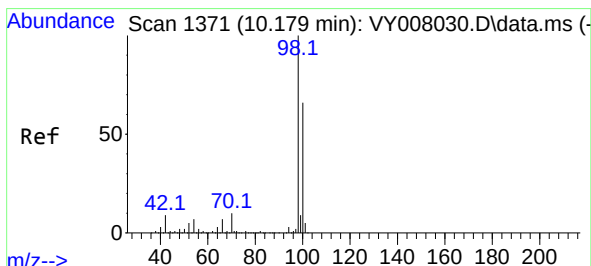
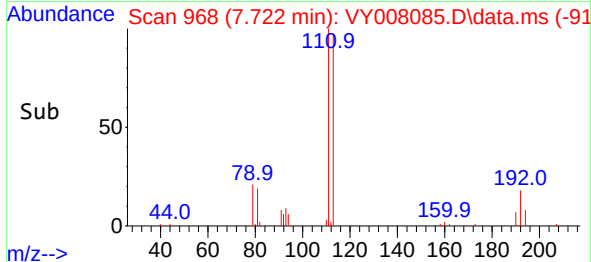
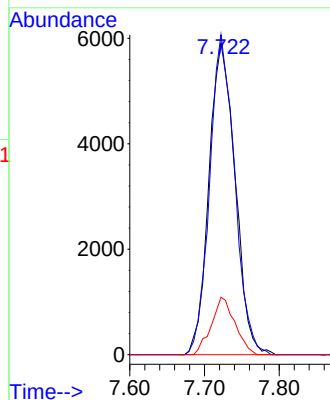
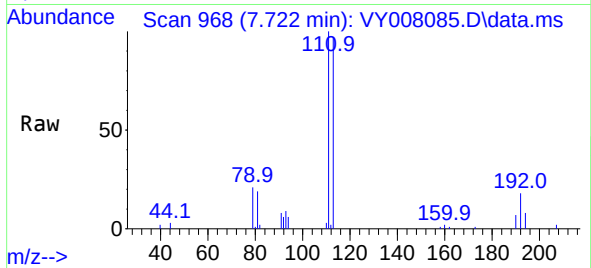




#35
 Dibromofluoromethane
 Concen: 51.117 ug/l
 RT: 7.722 min Scan# 90
 Delta R.T. 0.006 min
 Lab File: VY008085.D
 Acq: 29 Mar 2022 14:29

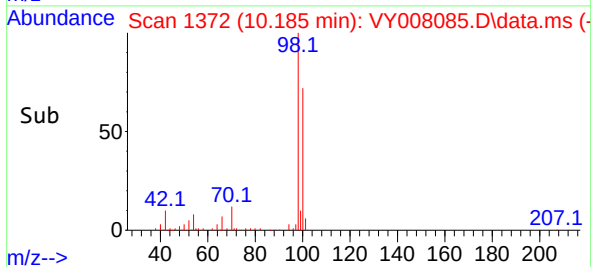
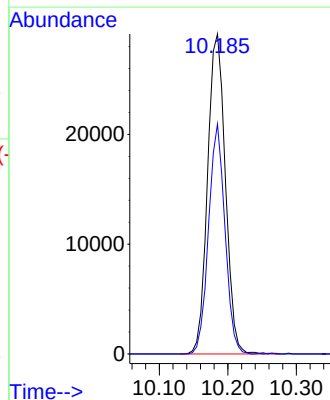
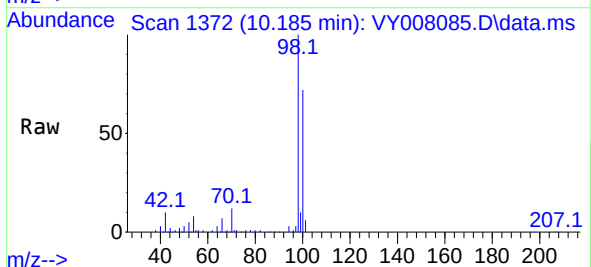
Instrument :
 MSVOA_Y
 ClientSampleId :
 22L076-B

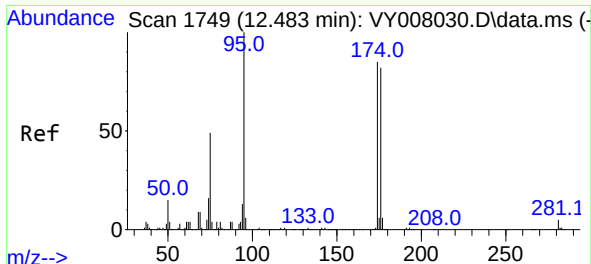
Tgt Ion:113 Resp: 14362
 Ion Ratio Lower Upper
 113 100
 111 98.4 82.6 124.0
 192 16.7 17.6 26.4#



#50
 Toluene-d8
 Concen: 49.710 ug/l
 RT: 10.185 min Scan# 1372
 Delta R.T. 0.006 min
 Lab File: VY008085.D
 Acq: 29 Mar 2022 14:29

Tgt Ion: 98 Resp: 52620
 Ion Ratio Lower Upper
 98 100
 100 66.2 50.2 75.2



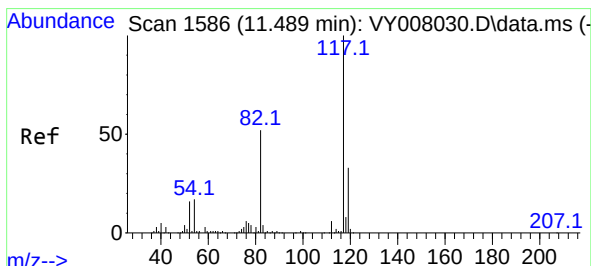
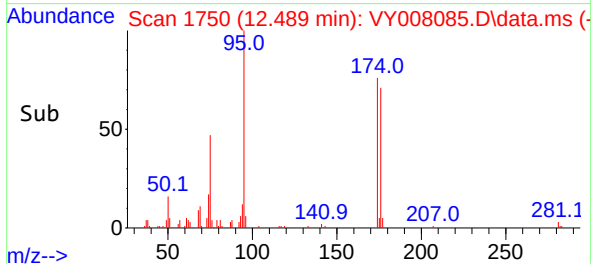
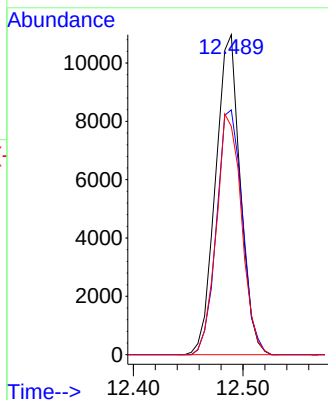
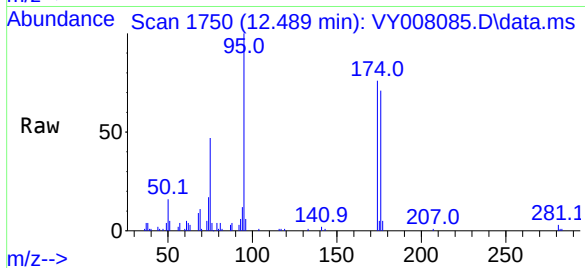


#62
4-Bromofluorobenzene
Concen: 46.094 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008085.D
Acq: 29 Mar 2022 14:29

Instrument :
MSVOA_Y
ClientSampleId :
22L076-B

Tgt Ion: 95 Resp: 17214

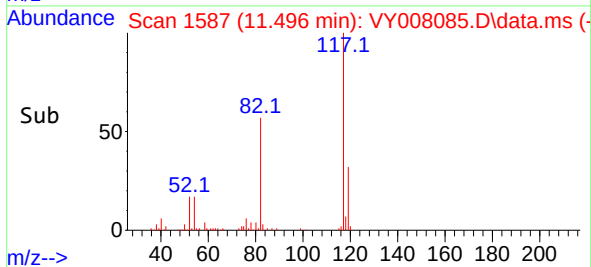
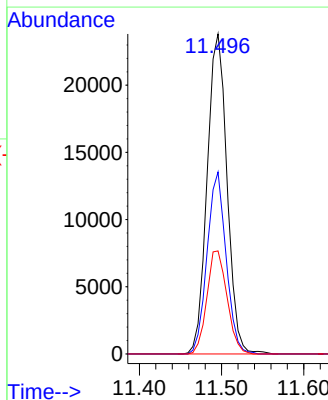
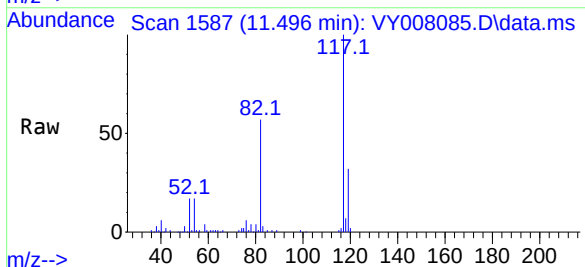
Ion	Ratio	Lower	Upper
95	100		
174	79.8	0.0	177.0
176	76.6	0.0	175.8

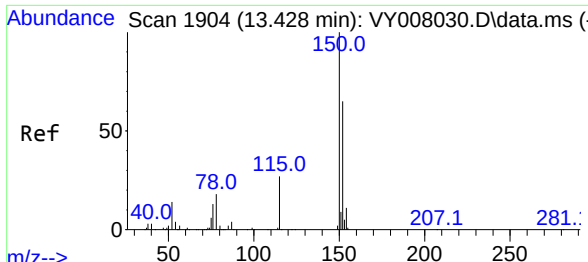


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY008085.D
Acq: 29 Mar 2022 14:29

Tgt Ion: 117 Resp: 40038

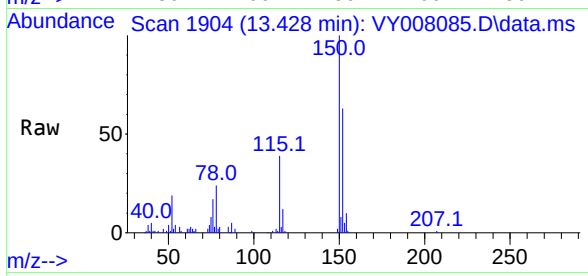
Ion	Ratio	Lower	Upper
117	100		
82	56.8	43.0	64.4
119	32.2	25.4	38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008085.D
 Acq: 29 Mar 2022 14:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 22L076-B



Tgt Ion:152 Resp: 16372

Ion	Ratio	Lower	Upper
152	100		
115	59.8	28.2	84.7
150	155.5	0.0	347.6

