

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032922\
 Data File : VY008084.D
 Acq On : 29 Mar 2022 14:05
 Operator : SY/MD
 Sample : N2155-01
 Misc : 5.26g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 22L076-A

Quant Time: Mar 30 03:59:23 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	3505	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	6561	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	5709	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	1592	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	2336	66.428	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.860%
35) Dibromofluoromethane	7.710	113	1211	29.439	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	58.880%
50) Toluene-d8	10.185	98	7529	48.581	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.160%
62) 4-Bromofluorobenzene	12.483	95	2289	41.864	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.720%

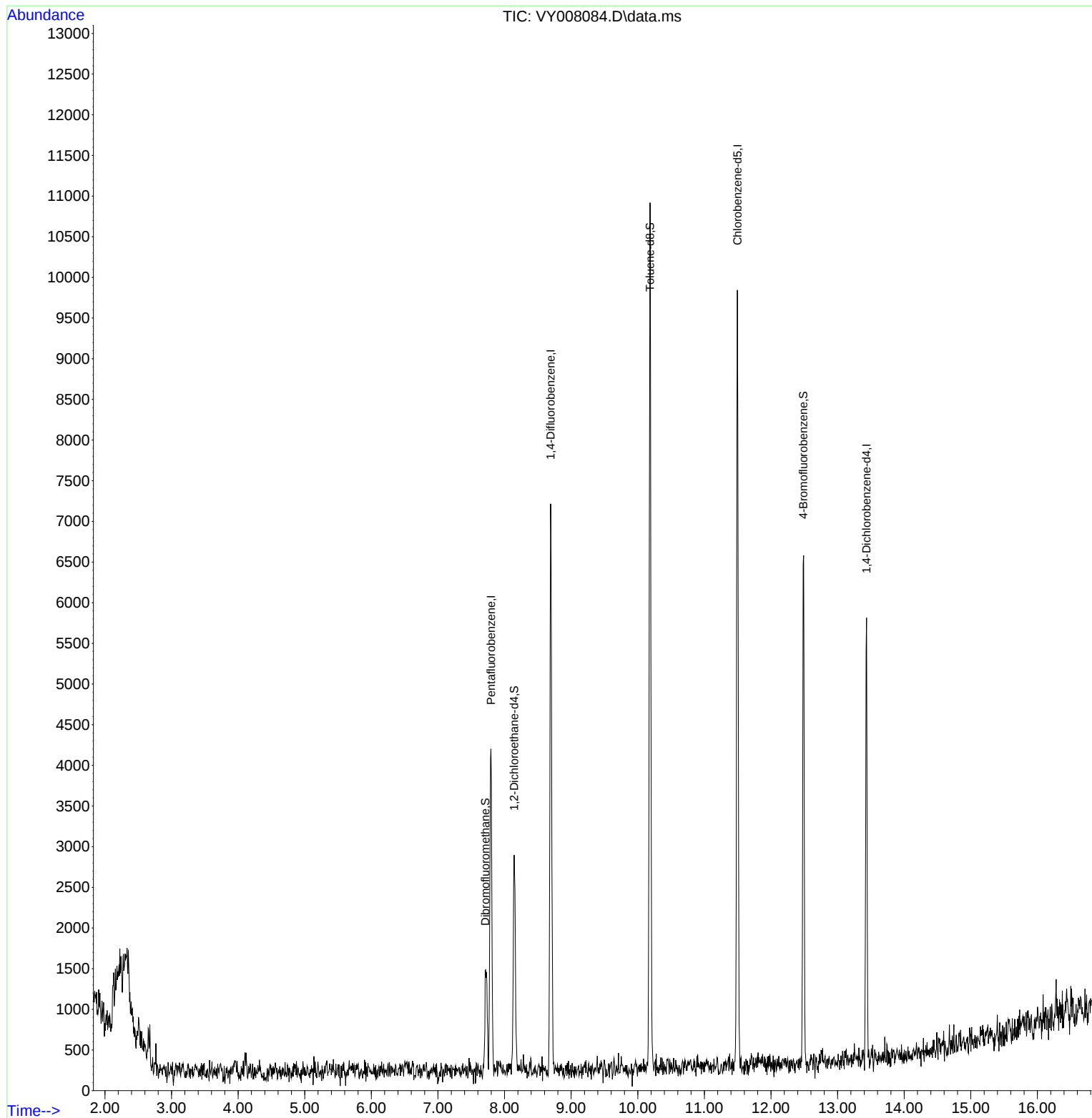
Target Compounds	Qvalue

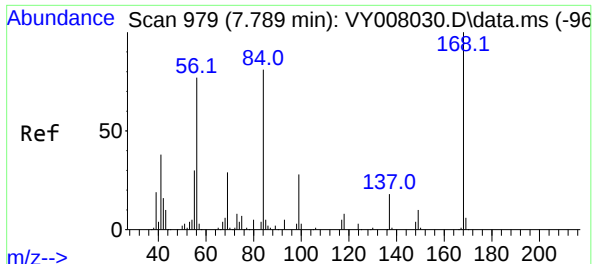
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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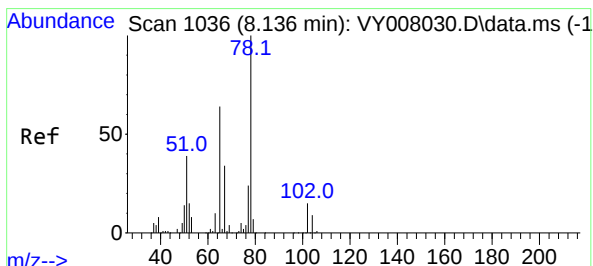
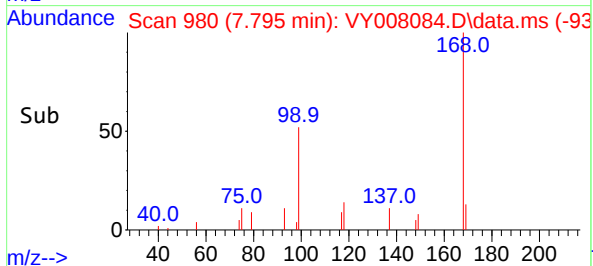
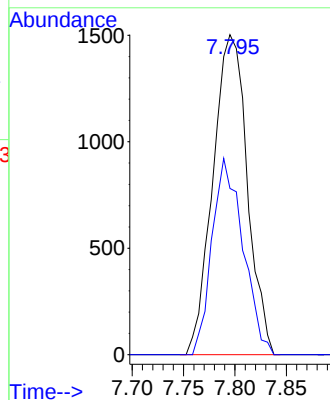
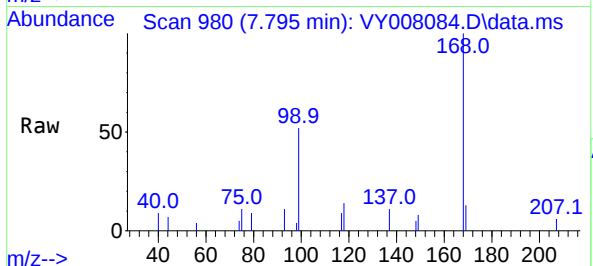




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008084.D
Acq: 29 Mar 2022 14:05

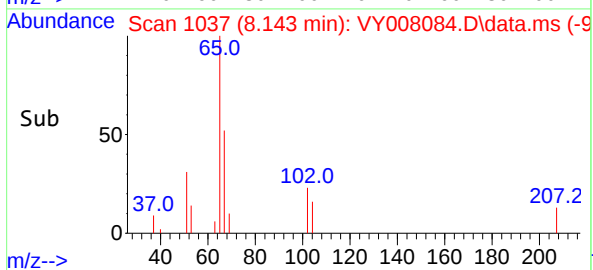
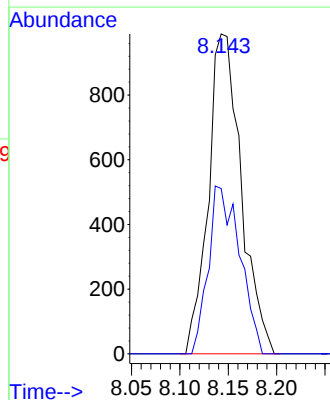
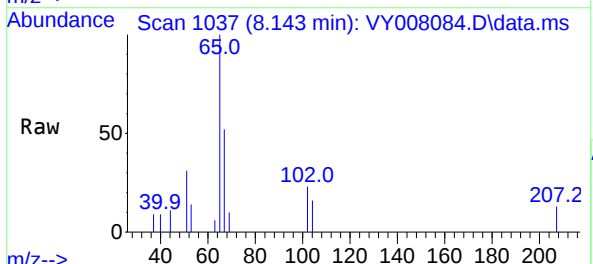
Instrument :
MSVOA_Y
ClientSampleId :
22L076-A

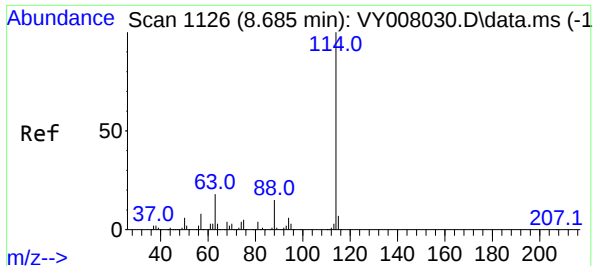
Tgt Ion:168 Resp: 3505
Ion Ratio Lower Upper
168 100
99 52.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 66.428 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY008084.D
Acq: 29 Mar 2022 14:05

Tgt Ion: 65 Resp: 2336
Ion Ratio Lower Upper
65 100
67 50.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY008084.D

Acq: 29 Mar 2022 14:05

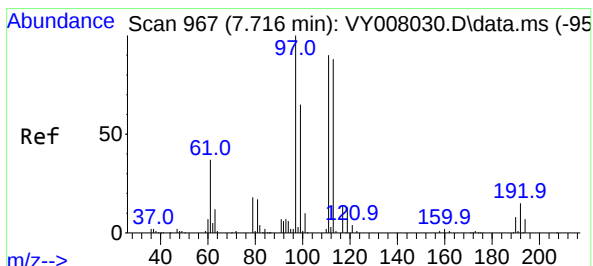
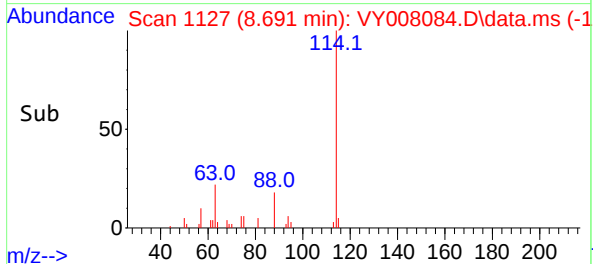
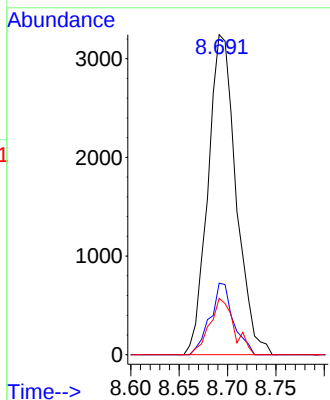
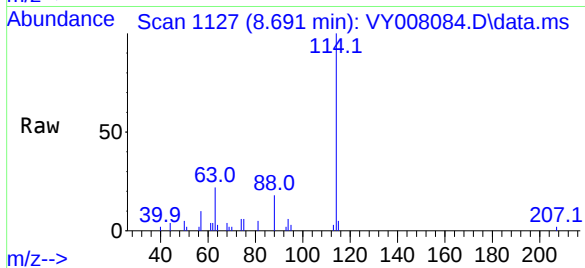
Instrument :

MSVOA_Y

ClientSampleId :

22L076-A

Tgt Ion:114	Resp:	6561
Ion	Ratio	Lower Upper
114	100	
63	22.3	0.0 43.2
88	17.6	0.0 31.8



#35

Dibromofluoromethane

Concen: 29.439 ug/l

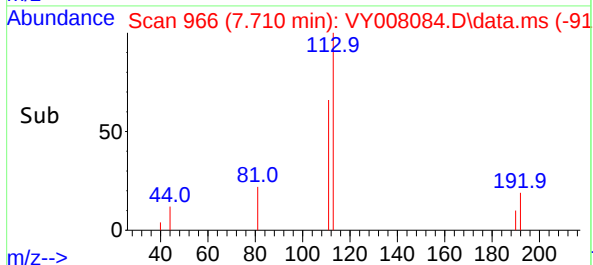
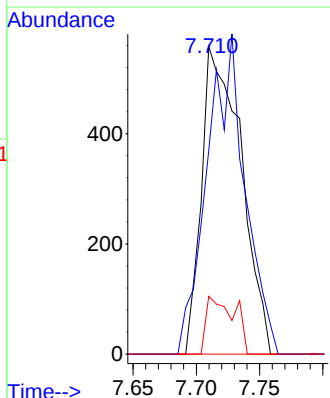
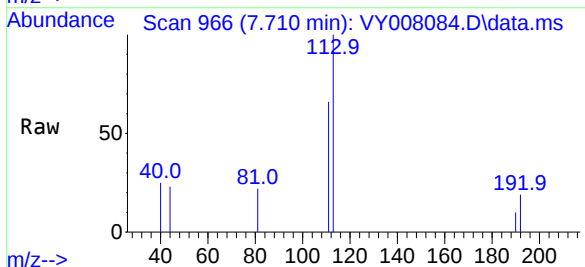
RT: 7.710 min Scan# 966

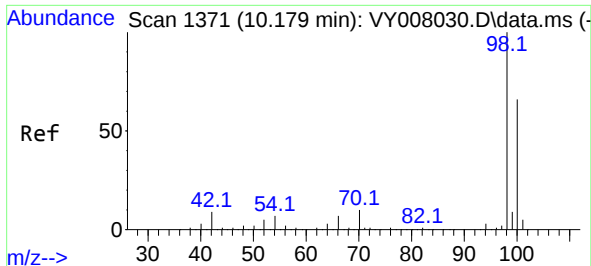
Delta R.T. -0.006 min

Lab File: VY008084.D

Acq: 29 Mar 2022 14:05

Tgt Ion:113	Resp:	1211
Ion	Ratio	Lower Upper
113	100	
111	99.3	82.6 124.0
192	13.3	17.6 26.4#

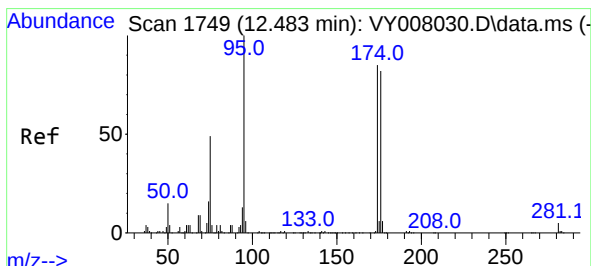
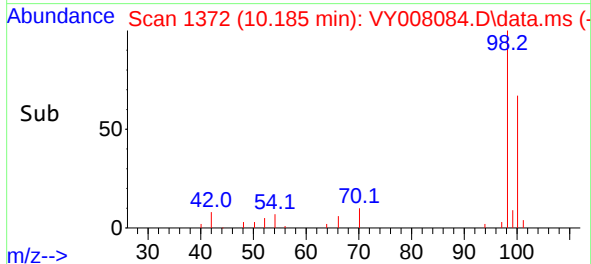
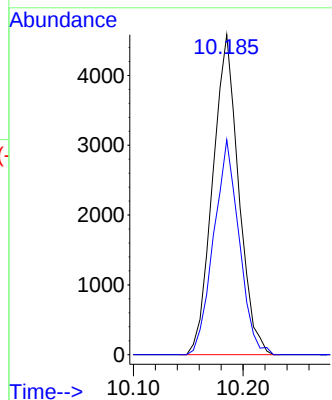
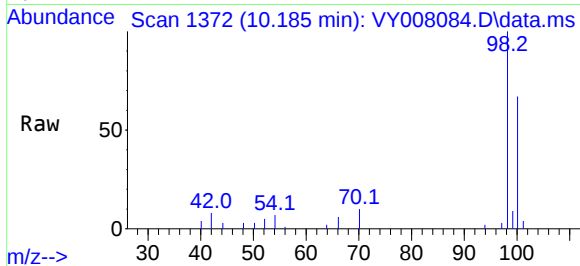




#50
Toluene-d8
Concen: 48.581 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008084.D
Acq: 29 Mar 2022 14:05

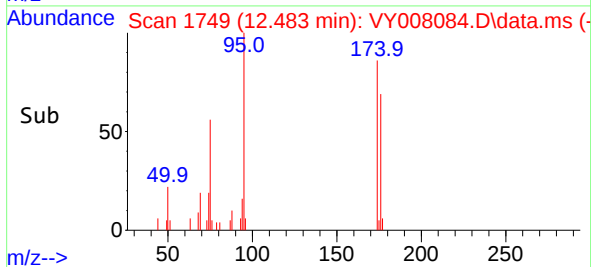
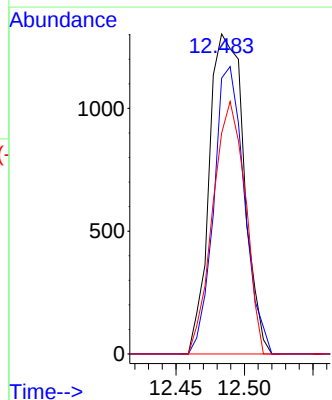
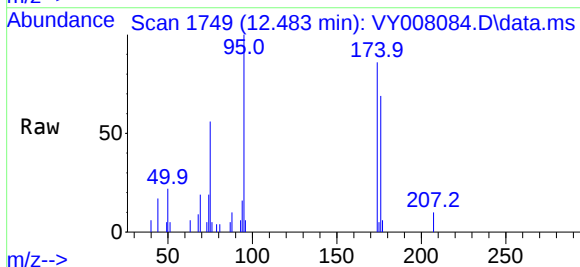
Instrument :
MSVOA_Y
ClientSampleId :
22L076-A

Tgt Ion: 98 Resp: 7529
Ion Ratio Lower Upper
98 100
100 66.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.864 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008084.D
Acq: 29 Mar 2022 14:05

Tgt Ion: 95 Resp: 2289
Ion Ratio Lower Upper
95 100
174 79.3 0.0 177.0
176 73.8 0.0 175.8

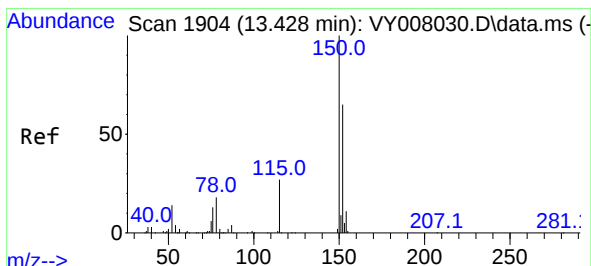
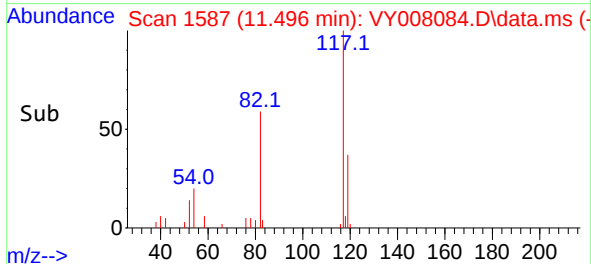
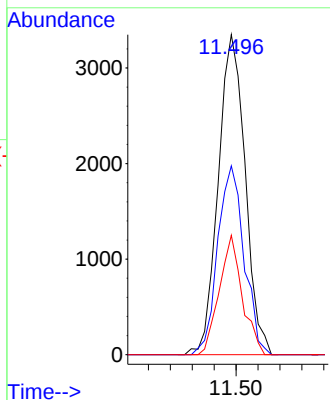
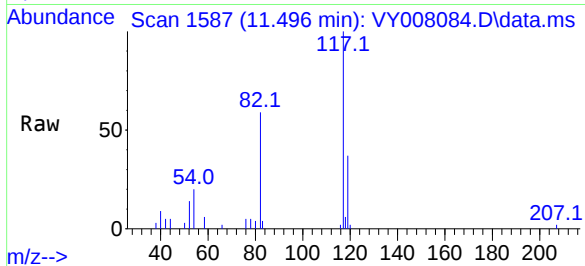




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY008084.D
Acq: 29 Mar 2022 14:05

Instrument :
MSVOA_Y
ClientSampleId :
22L076-A

Tgt Ion:	117	Resp:	5709
Ion	Ratio	Lower	Upper
117	100		
82	59.0	43.0	64.4
119	37.3	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY008084.D
Acq: 29 Mar 2022 14:05

Tgt Ion:	152	Resp:	1592
Ion	Ratio	Lower	Upper
152	100		
115	62.9	28.2	84.7
150	149.7	0.0	347.6

