

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020722\
 Data File : VY007415.D
 Acq On : 07 Feb 2022 16:05
 Operator : SY/MD
 Sample : N1415-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-02-020422

Quant Time: Feb 08 00:39:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	9945	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	15384	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	9883	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2931	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	3352	29.303	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	58.600%
35) Dibromofluoromethane	7.722	113	3358	33.993	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	67.980%
50) Toluene-d8	10.185	98	17844	48.892	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.780%
62) 4-Bromofluorobenzene	12.483	95	3805	30.673	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	61.340%

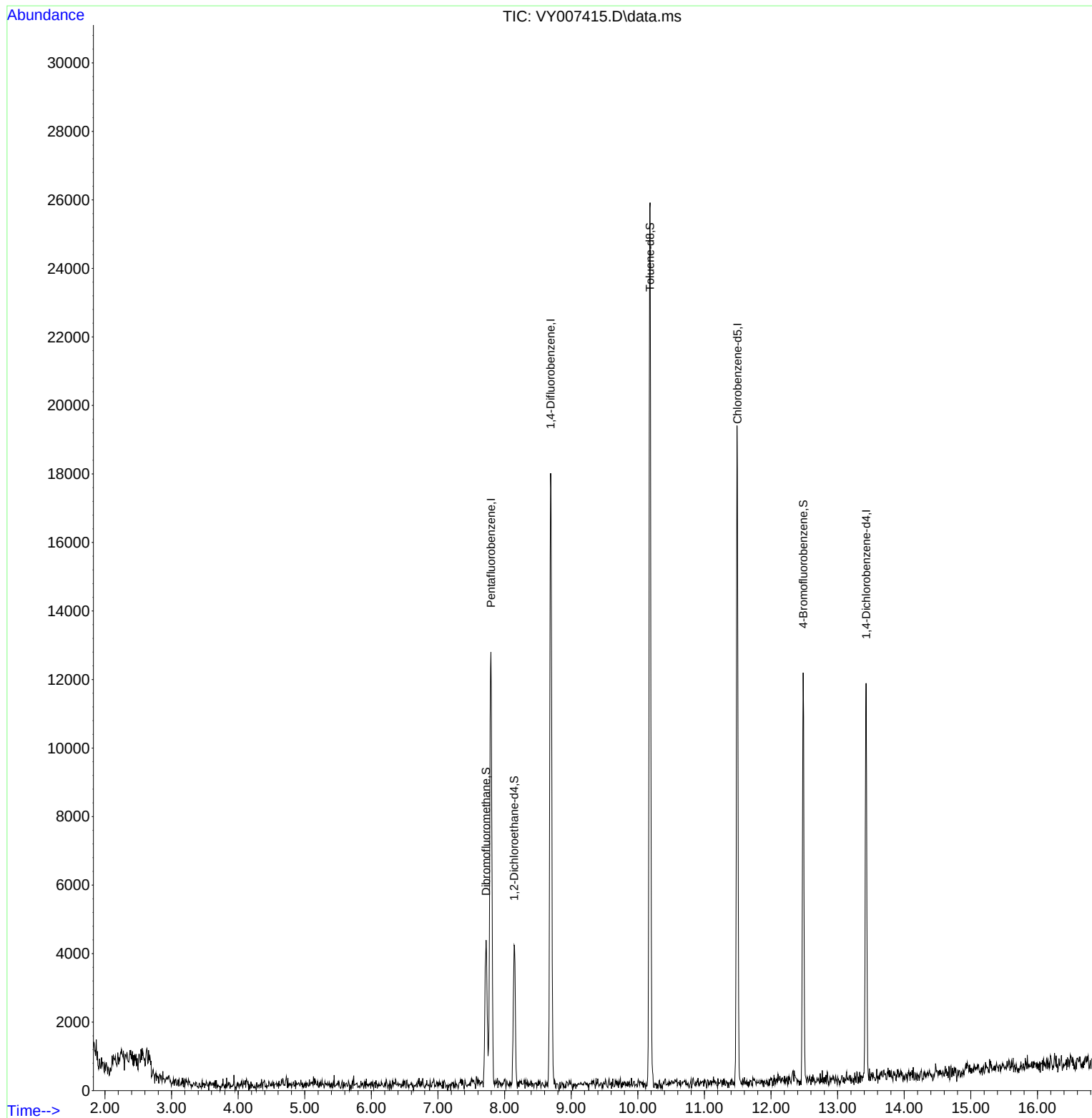
Target Compounds	Qvalue

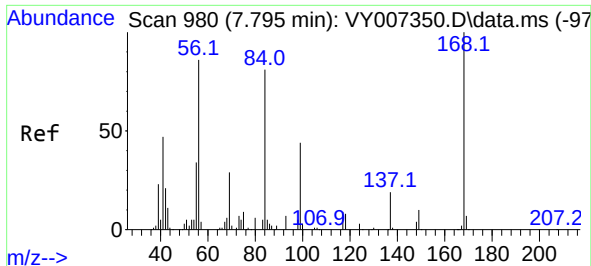
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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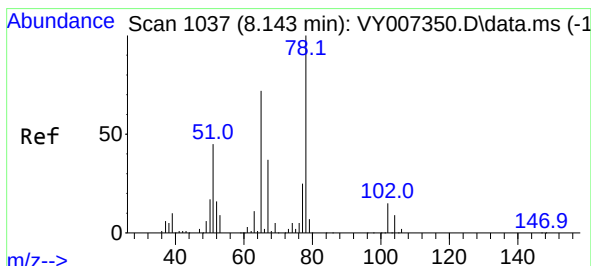
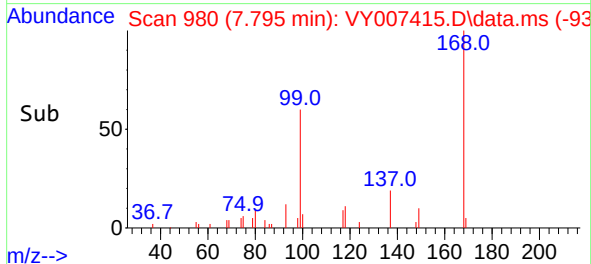
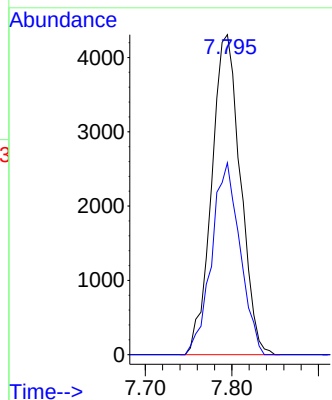
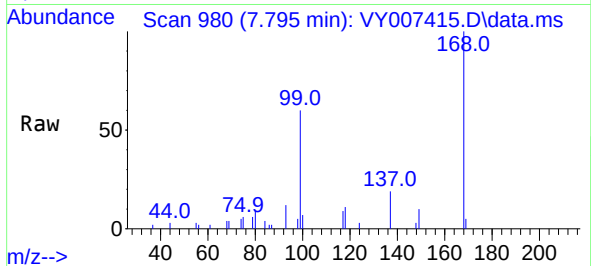




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 99
Delta R.T. -0.000 min
Lab File: VY007415.D
Acq: 07 Feb 2022 16:05

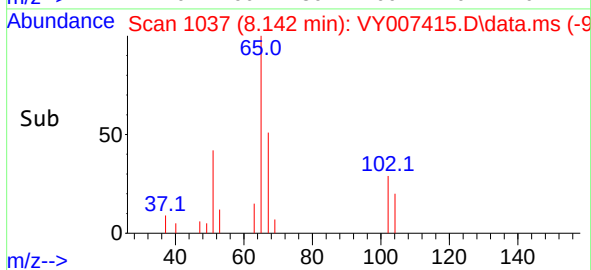
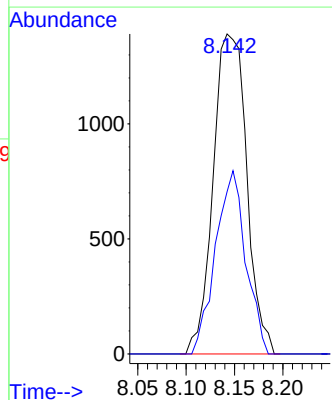
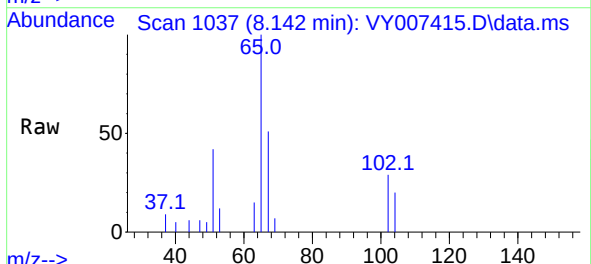
Instrument :
MSVOA_Y
ClientSampleId :
CL-02-020422

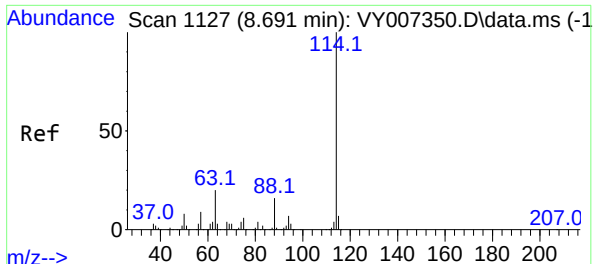
Tgt Ion:168 Resp: 9945
Ion Ratio Lower Upper
168 100
99 60.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 29.303 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007415.D
Acq: 07 Feb 2022 16:05

Tgt Ion: 65 Resp: 3352
Ion Ratio Lower Upper
65 100
67 51.6 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: VY007415.D

Acq: 07 Feb 2022 16:05

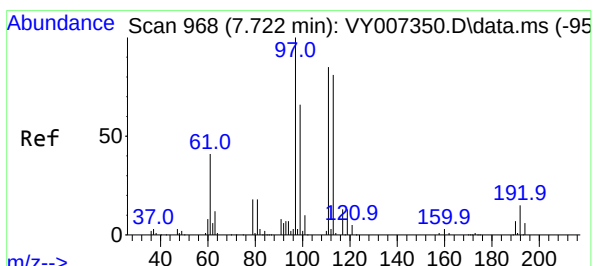
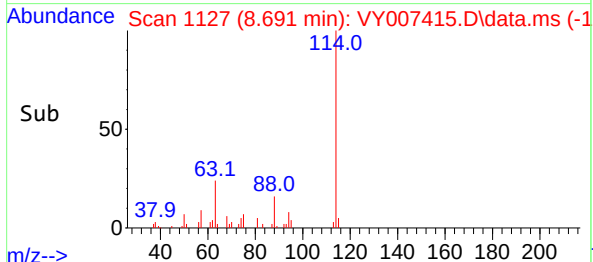
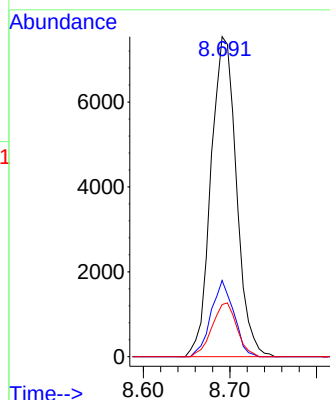
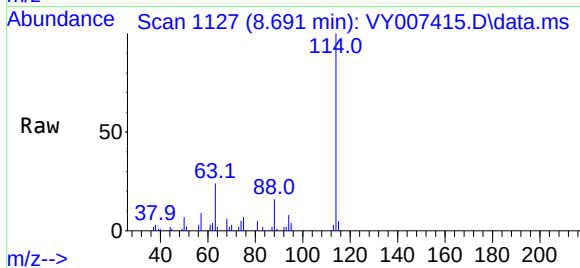
Instrument :

MSVOA_Y

ClientSampleId :

CL-02-020422

Tgt Ion:	114	Resp:	15384
Ion	Ratio	Lower	Upper
114	100		
63	23.8	0.0	43.2
88	16.3	0.0	31.8



#35

Dibromofluoromethane

Concen: 33.993 ug/l

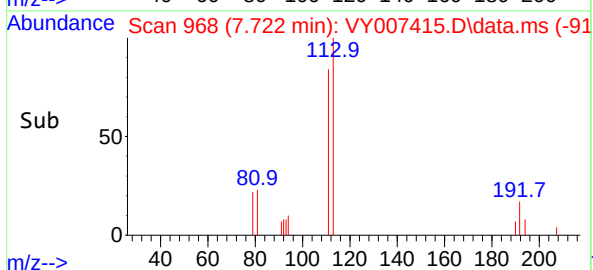
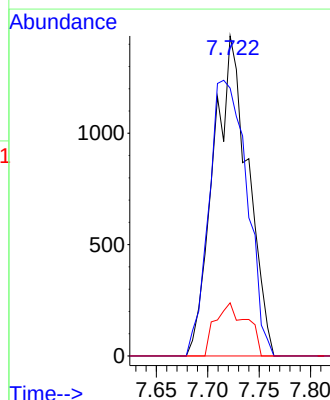
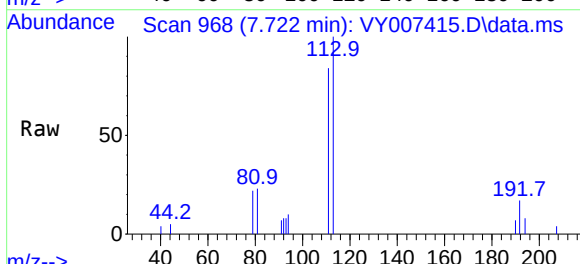
RT: 7.722 min Scan# 968

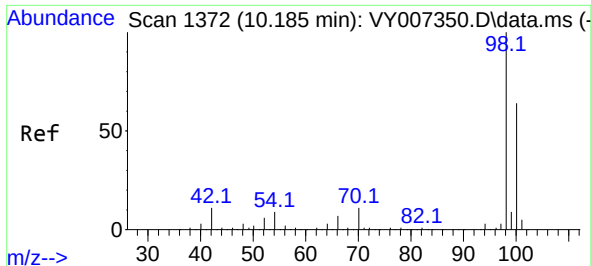
Delta R.T. -0.000 min

Lab File: VY007415.D

Acq: 07 Feb 2022 16:05

Tgt Ion:	113	Resp:	3358
Ion	Ratio	Lower	Upper
113	100		
111	94.8	82.6	124.0
192	15.1	17.6	26.4

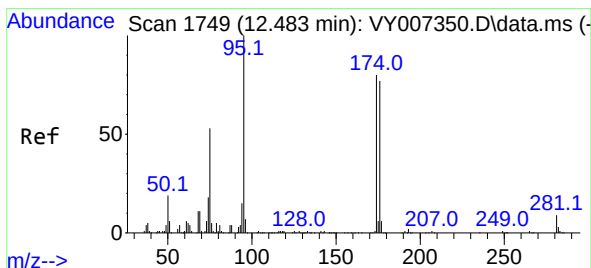
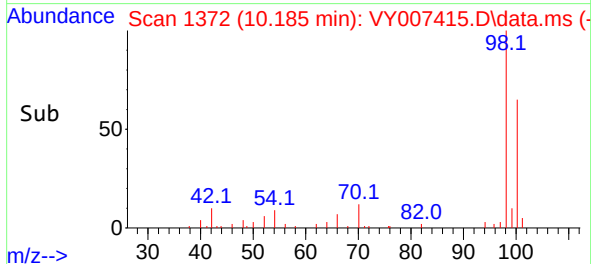
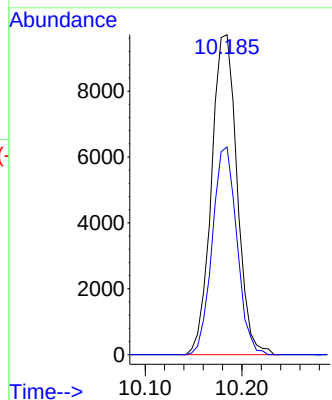
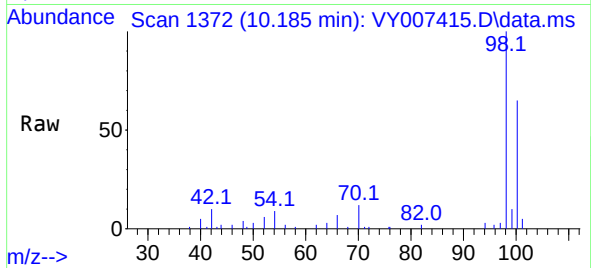




#50
Toluene-d8
Concen: 48.892 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007415.D
Acq: 07 Feb 2022 16:05

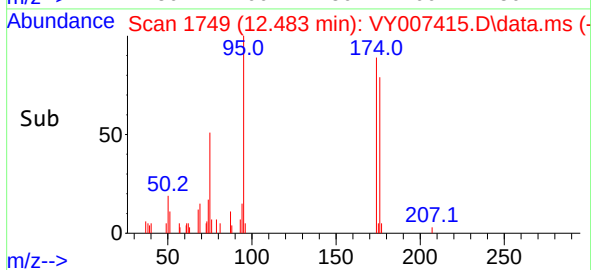
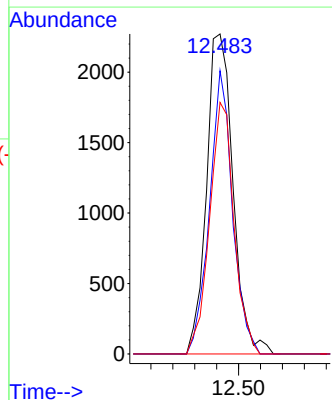
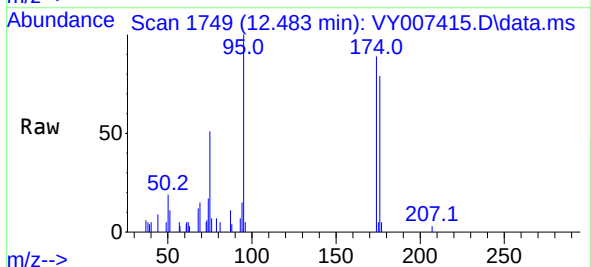
Instrument :
MSVOA_Y
ClientSampleId :
CL-02-020422

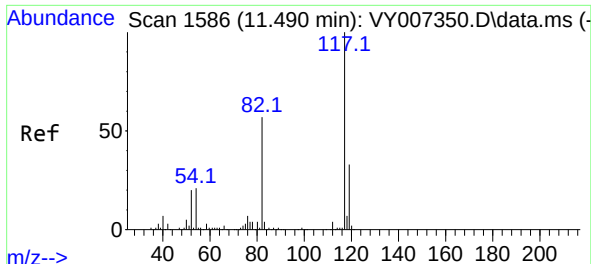
Tgt Ion: 98 Resp: 17844
Ion Ratio Lower Upper
98 100
100 62.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 30.673 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007415.D
Acq: 07 Feb 2022 16:05

Tgt Ion: 95 Resp: 3805
Ion Ratio Lower Upper
95 100
174 77.1 0.0 177.0
176 72.7 0.0 175.8

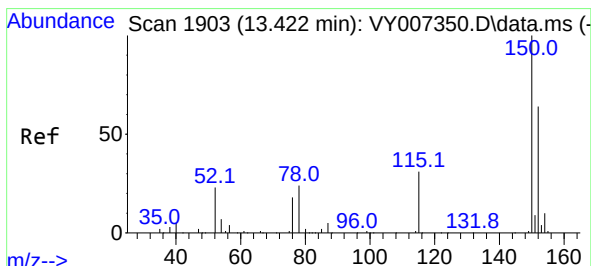
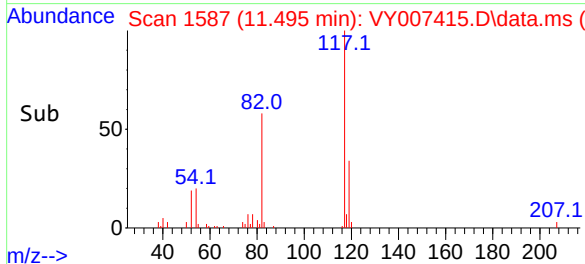
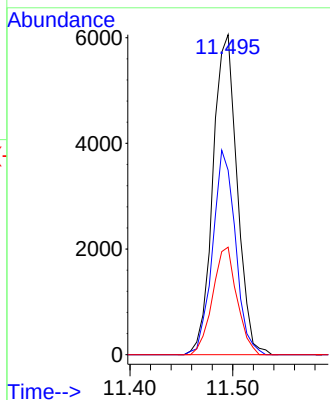
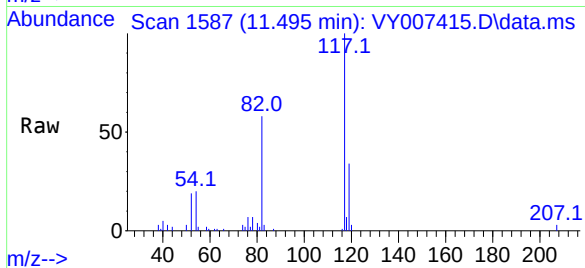




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007415.D
Acq: 07 Feb 2022 16:05

Instrument :
MSVOA_Y
ClientSampleId :
CL-02-020422

Tgt Ion:117	Resp:	9883	
Ion	Ratio	Lower	Upper
117	100		
82	57.6	43.0	64.4
119	33.6	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007415.D
Acq: 07 Feb 2022 16:05

Tgt Ion:152	Resp:	2931	
Ion	Ratio	Lower	Upper
152	100		
115	67.6	28.2	84.7
150	157.1	0.0	347.6

