

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051822\
 Data File : VY008821.D
 Acq On : 18 May 2022 18:03
 Operator : KP/MD
 Sample : N2841-14
 Misc : 5.60g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P006-SS002-1824-01

Quant Time: May 19 03:12:17 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	120896	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	215911	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	203152	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	86884	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	78795	70.255	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	140.500%
35) Dibromofluoromethane	7.715	113	70778	56.105	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.220%
50) Toluene-d8	10.178	98	271567	48.529	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.060%
62) 4-Bromofluorobenzene	12.483	95	78742	40.092	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.180%

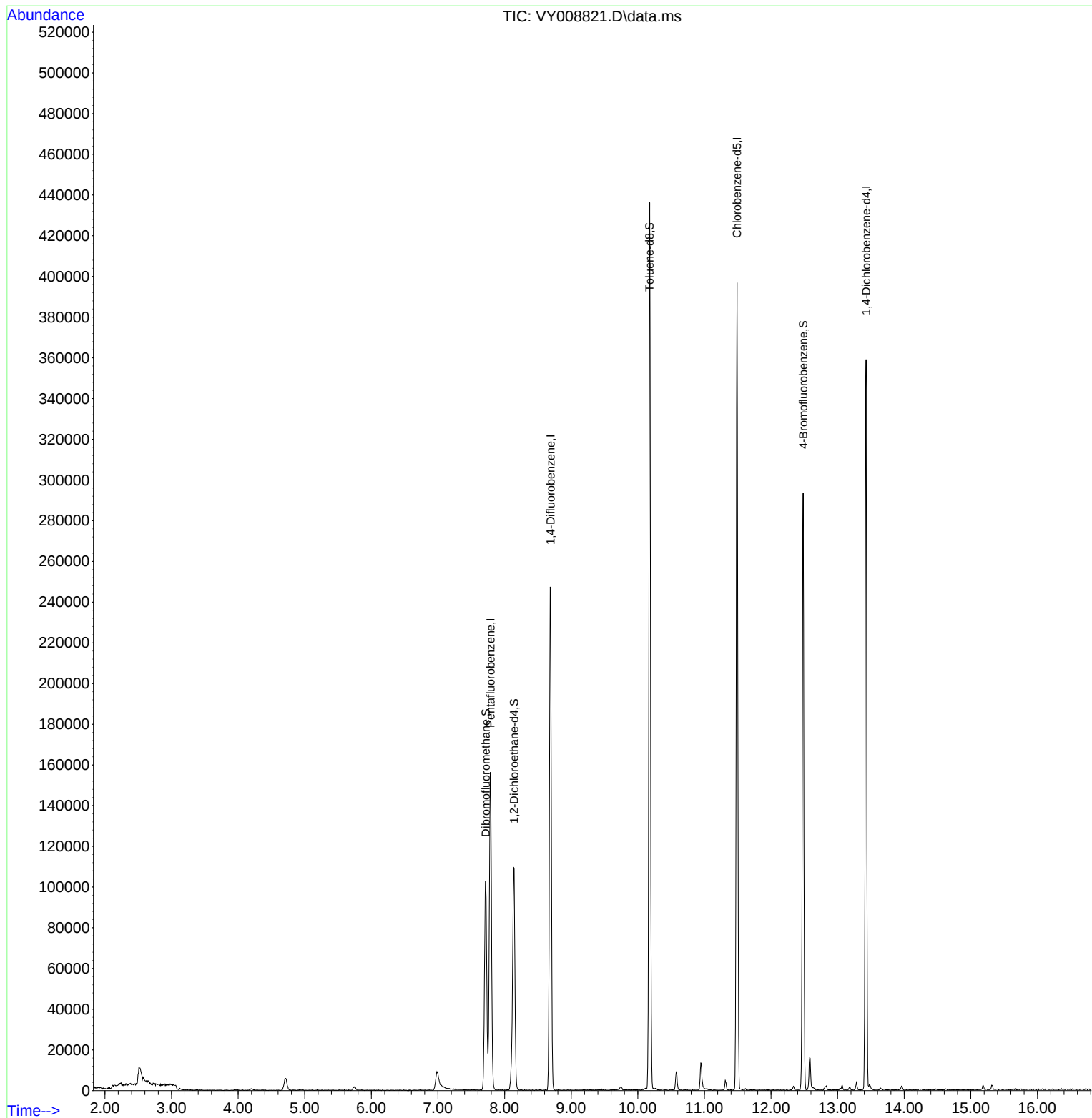
Target Compounds	Qvalue

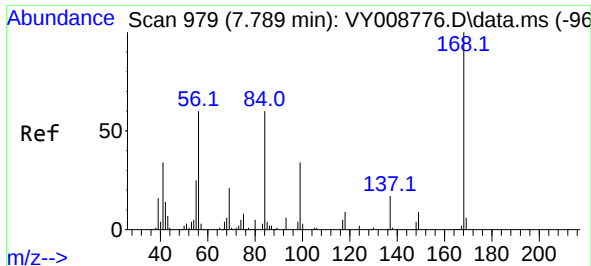
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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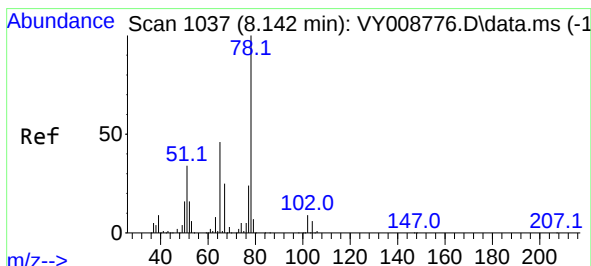
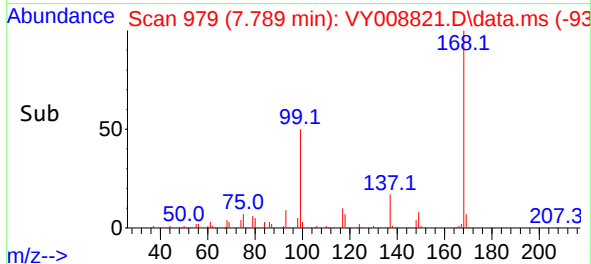
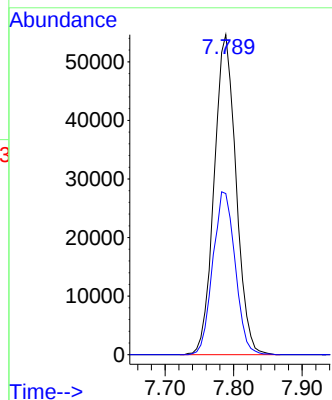
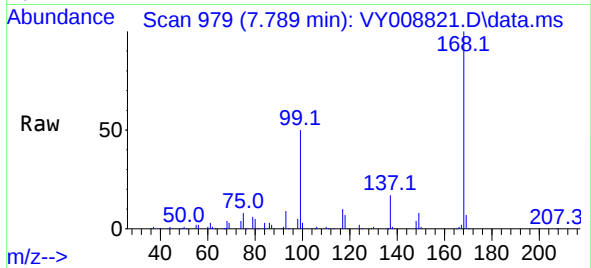




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008821.D
Acq: 18 May 2022 18:03

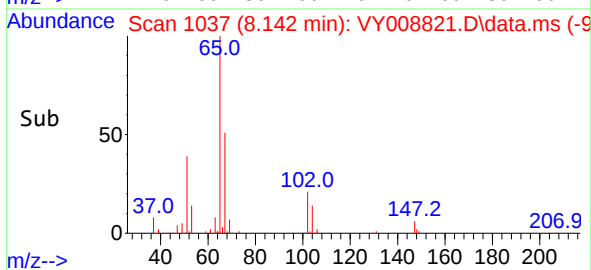
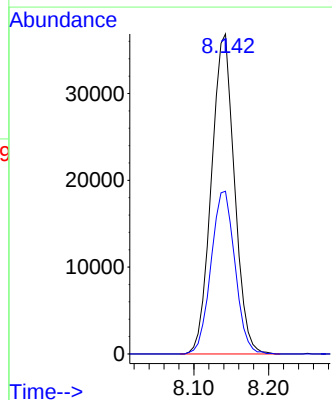
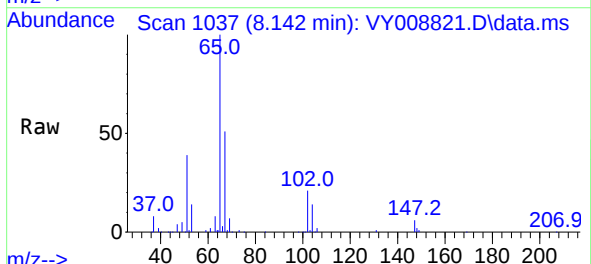
Instrument :
MSVOA_Y
ClientSampleId :
P006-SS002-1824-01

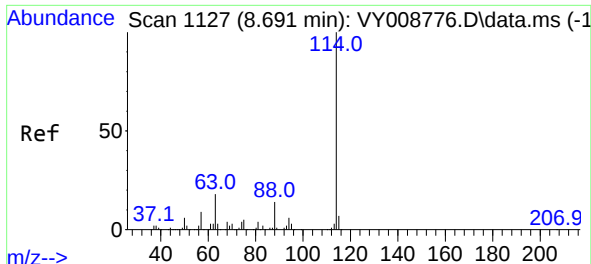
Tgt Ion:168 Resp: 120896
Ion Ratio Lower Upper
168 100
99 50.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 70.255 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY008821.D
Acq: 18 May 2022 18:03

Tgt Ion: 65 Resp: 78795
Ion Ratio Lower Upper
65 100
67 53.0 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: VY008821.D

Acq: 18 May 2022 18:03

Instrument :

MSVOA_Y

ClientSampleId :

P006-SS002-1824-01

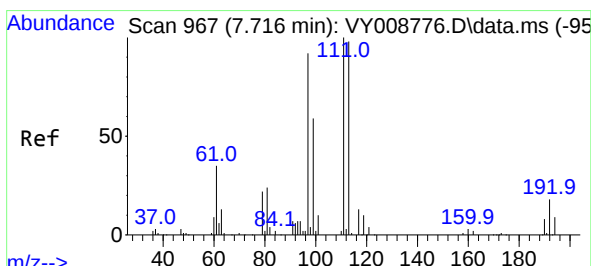
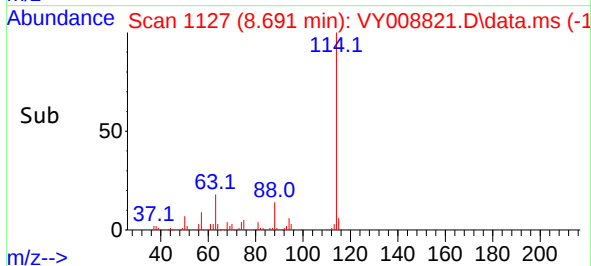
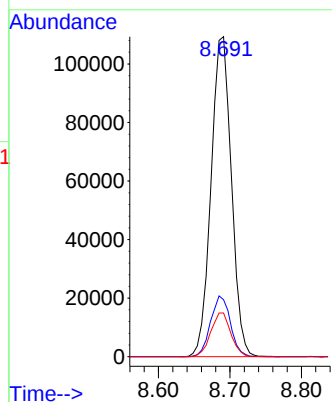
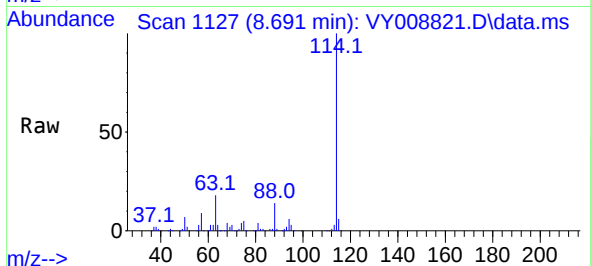
Tgt Ion:114 Resp: 215911

Ion Ratio Lower Upper

114 100

63 17.8 0.0 43.2

88 13.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 56.105 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008821.D

Acq: 18 May 2022 18:03

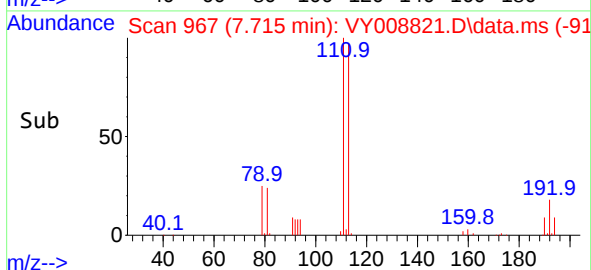
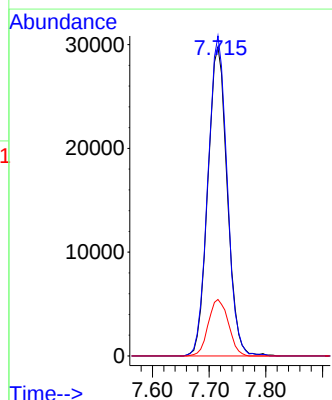
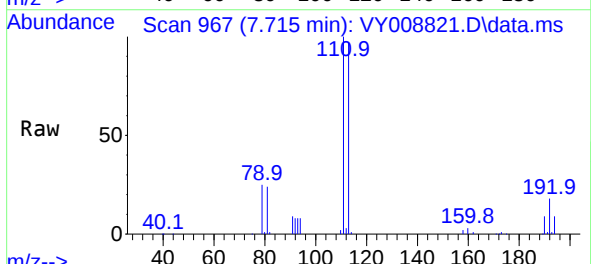
Tgt Ion:113 Resp: 70778

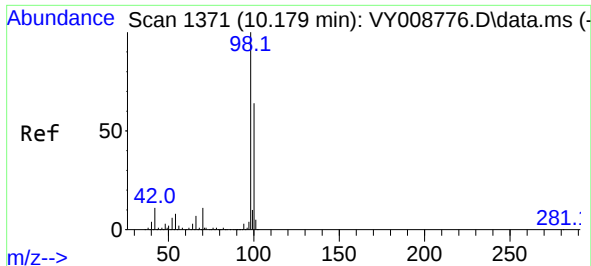
Ion Ratio Lower Upper

113 100

111 102.5 82.6 124.0

192 18.9 17.6 26.4

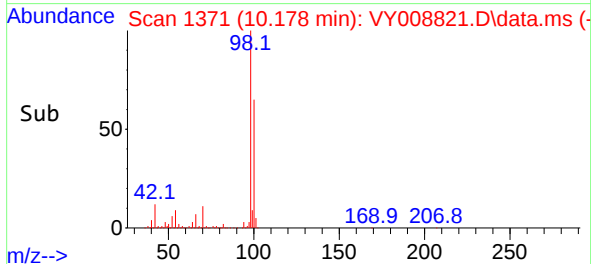
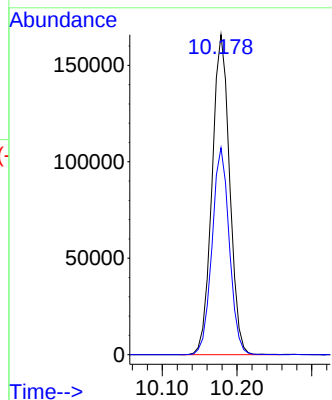
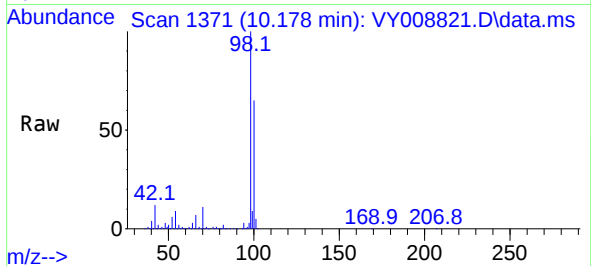




#50
Toluene-d8
Concen: 48.529 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY008821.D
Acq: 18 May 2022 18:03

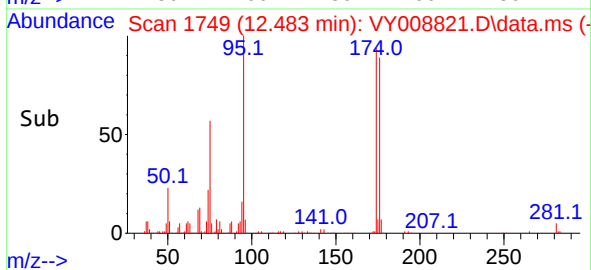
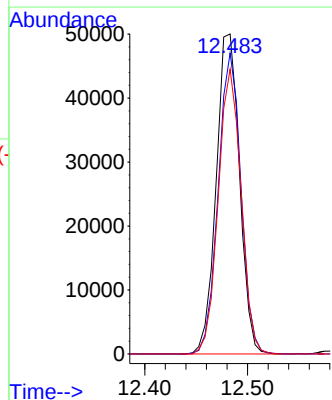
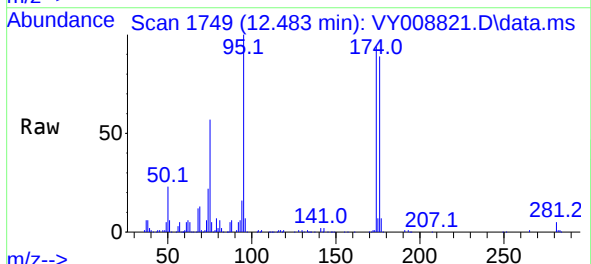
Instrument :
MSVOA_Y
ClientSampleId :
P006-SS002-1824-01

Tgt Ion: 98 Resp: 271567
Ion Ratio Lower Upper
98 100
100 63.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.092 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008821.D
Acq: 18 May 2022 18:03

Tgt Ion: 95 Resp: 78742
Ion Ratio Lower Upper
95 100
174 91.5 0.0 177.0
176 87.1 0.0 175.8

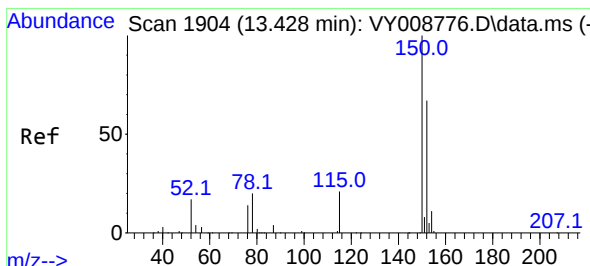
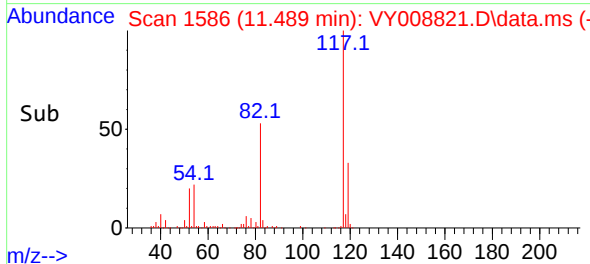
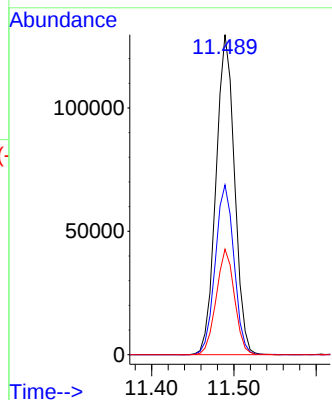
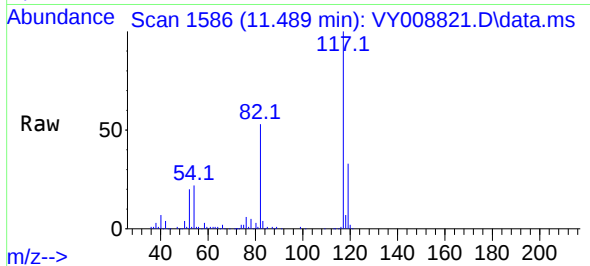




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008821.D
Acq: 18 May 2022 18:03

Instrument :
MSVOA_Y
ClientSampleId :
P006-SS002-1824-01

Tgt Ion:	117	Resp:	203152
Ion	Ratio	Lower	Upper
117	100		
82	53.1	43.0	64.4
119	33.0	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: VY008821.D
Acq: 18 May 2022 18:03

Tgt Ion:	152	Resp:	86884
Ion	Ratio	Lower	Upper
152	100		
115	57.1	28.2	84.7
150	159.7	0.0	347.6

