

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051822\
 Data File : VY008843.D
 Acq On : 19 May 2022 03:22
 Operator : KP/MD
 Sample : N2869-16
 Misc : 4.98g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P032-SS001-0006-01

Quant Time: May 19 03:58:35 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	7.795	168	122163	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	219777	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	212359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	89121	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	76477	67.481	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.960%
35) Dibromofluoromethane	7.715	113	71211	55.456	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.920%
50) Toluene-d8	10.178	98	278658	48.895	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.800%
62) 4-Bromofluorobenzene	12.483	95	78953	39.544	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.080%

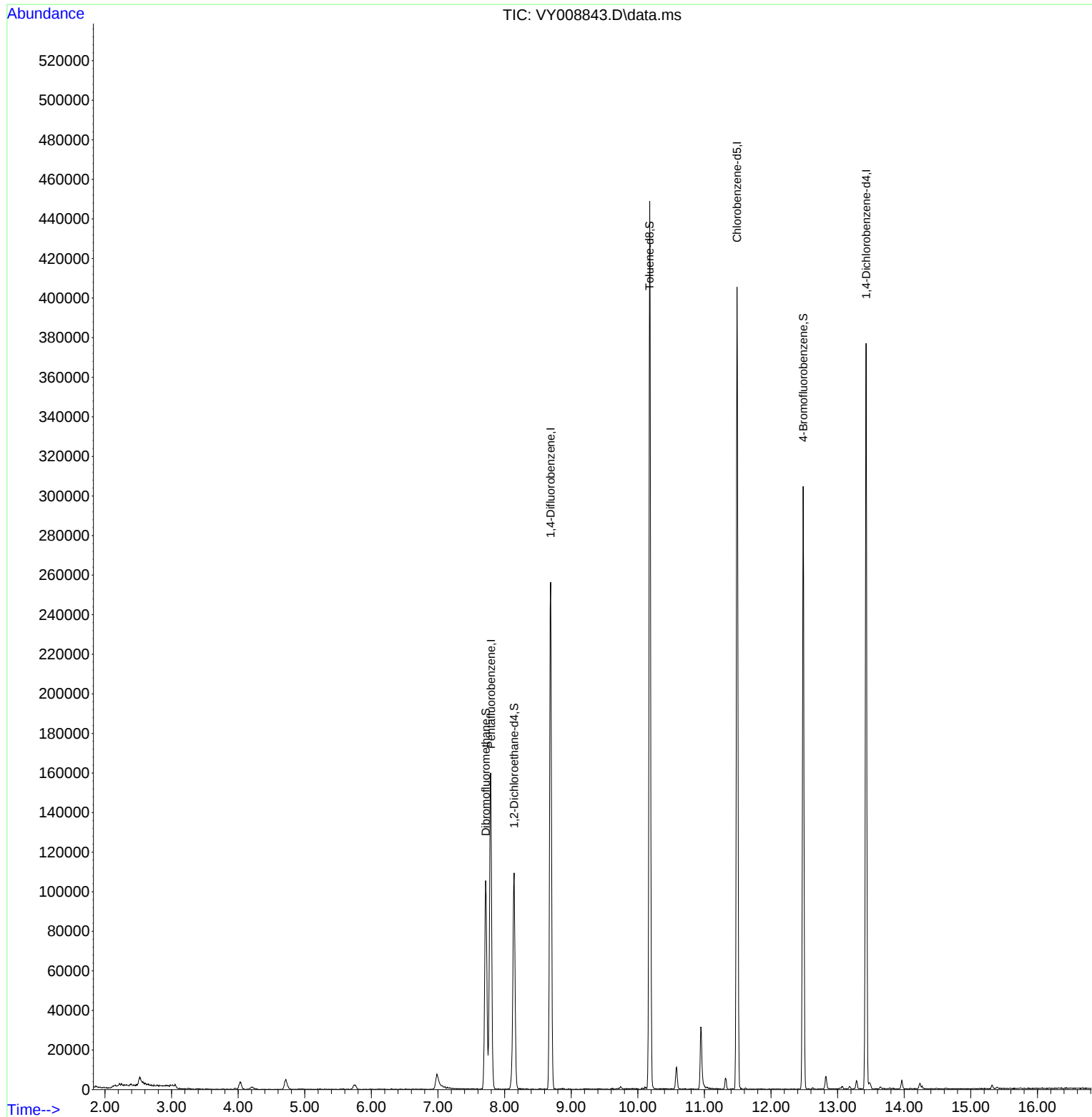
Target Compounds	Qvalue

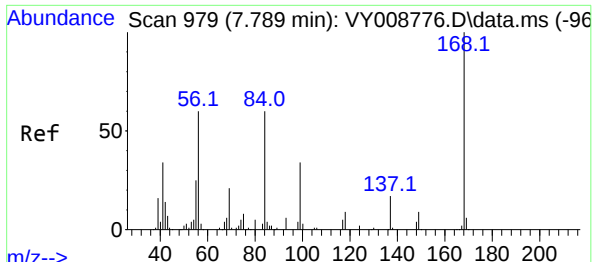
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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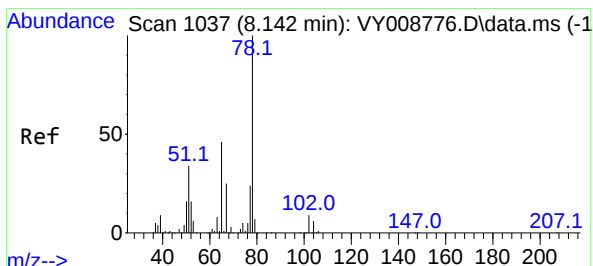
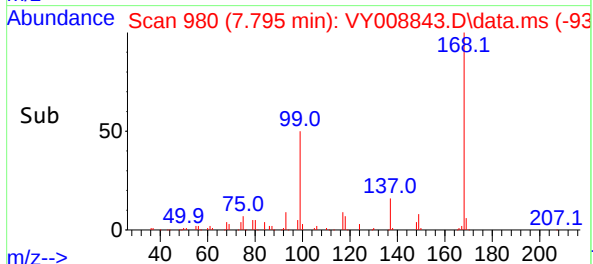
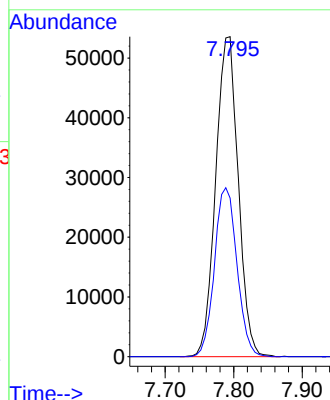
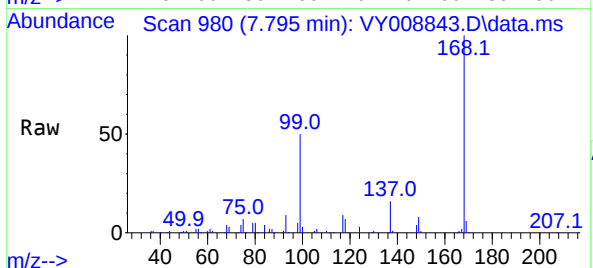




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008843.D
Acq: 19 May 2022 03:22

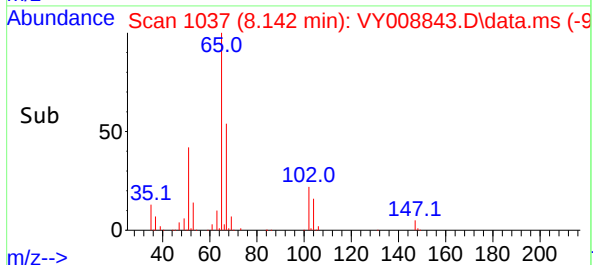
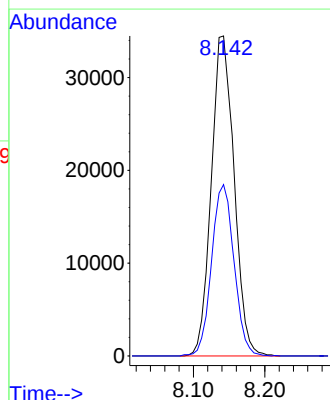
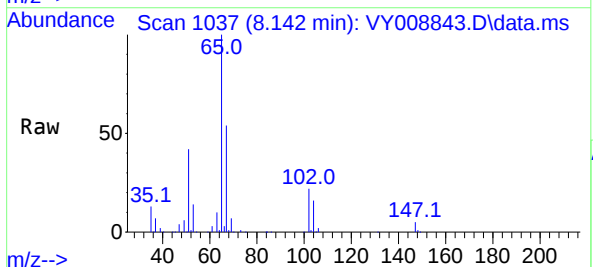
Instrument :
MSVOA_Y
ClientSampleId :
P032-SS001-0006-01

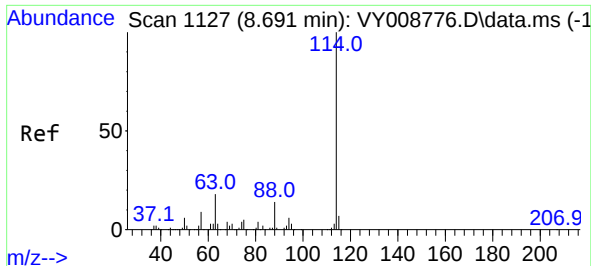
Tgt Ion:168 Resp: 122163
Ion Ratio Lower Upper
168 100
99 49.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 67.481 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY008843.D
Acq: 19 May 2022 03:22

Tgt Ion: 65 Resp: 76477
Ion Ratio Lower Upper
65 100
67 52.6 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: VY008843.D

Acq: 19 May 2022 03:22

Instrument :

MSVOA_Y

ClientSampleId :

P032-SS001-0006-01

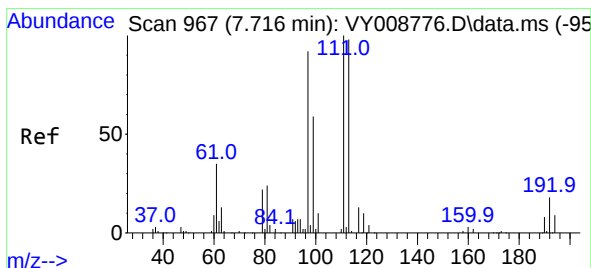
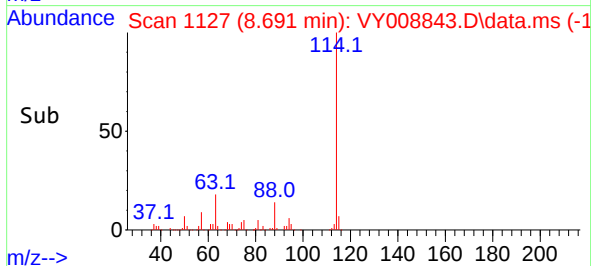
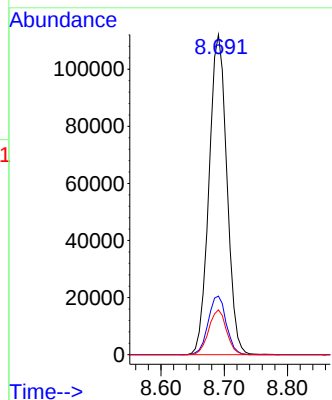
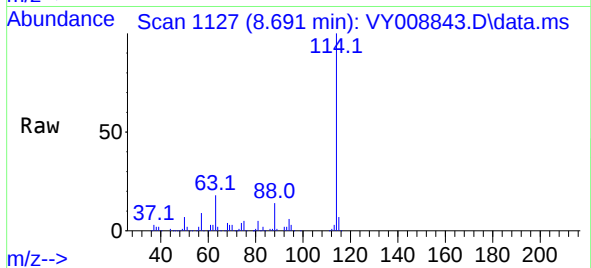
Tgt Ion:114 Resp: 219777

Ion Ratio Lower Upper

114 100

63 18.3 0.0 43.2

88 14.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 55.456 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008843.D

Acq: 19 May 2022 03:22

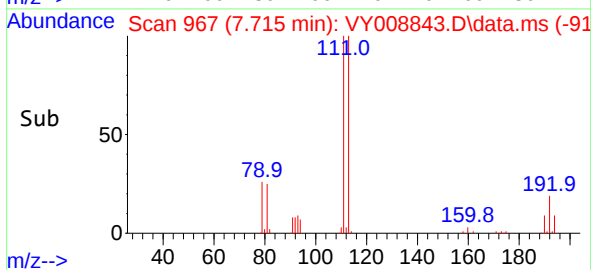
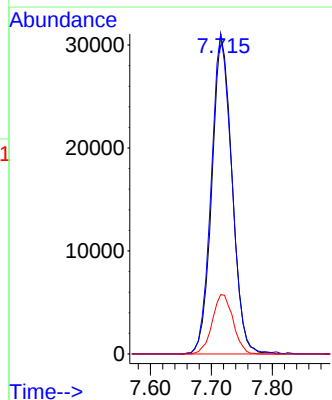
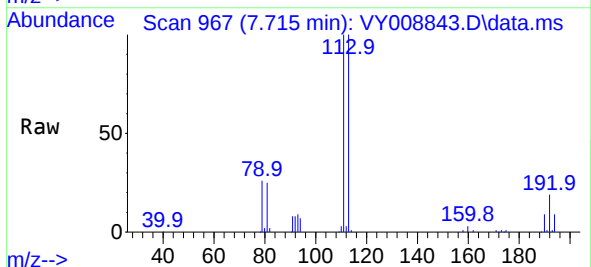
Tgt Ion:113 Resp: 71211

Ion Ratio Lower Upper

113 100

111 102.5 82.6 124.0

192 19.2 17.6 26.4

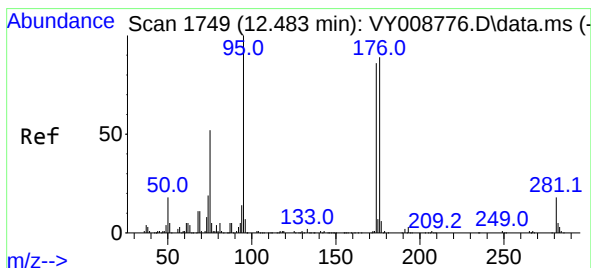
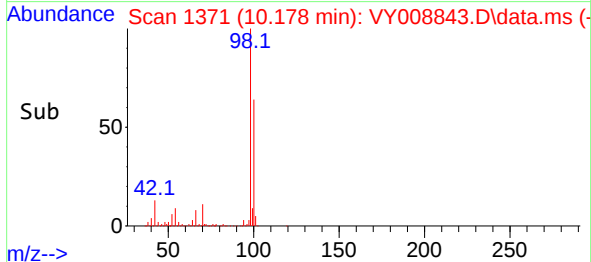
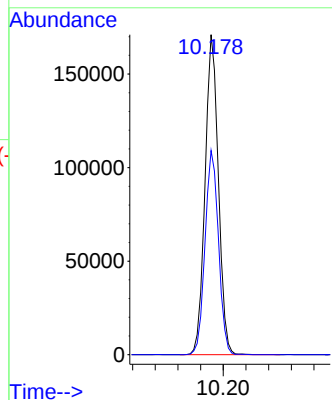
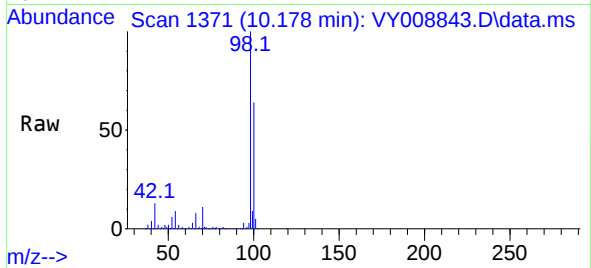




#50
Toluene-d8
Concen: 48.895 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY008843.D
Acq: 19 May 2022 03:22

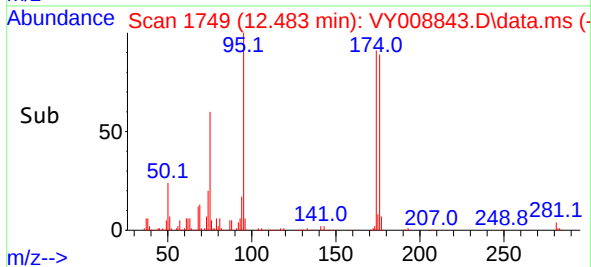
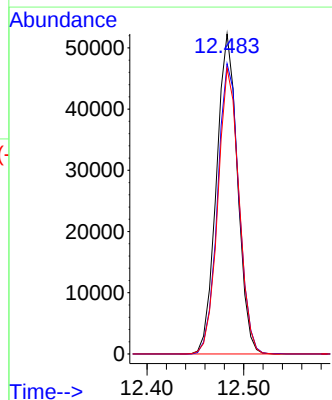
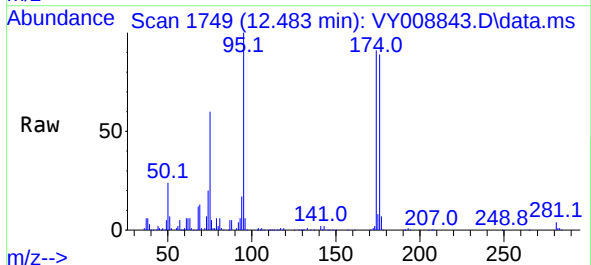
Instrument :
MSVOA_Y
ClientSampleId :
P032-SS001-0006-01

Tgt Ion: 98 Resp: 278658
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.544 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008843.D
Acq: 19 May 2022 03:22

Tgt Ion: 95 Resp: 78953
Ion Ratio Lower Upper
95 100
174 91.7 0.0 177.0
176 89.0 0.0 175.8

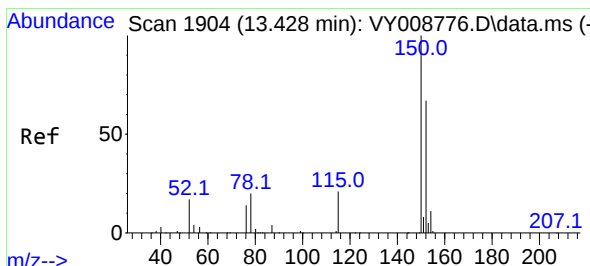
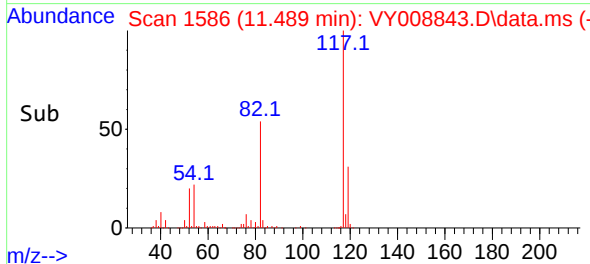
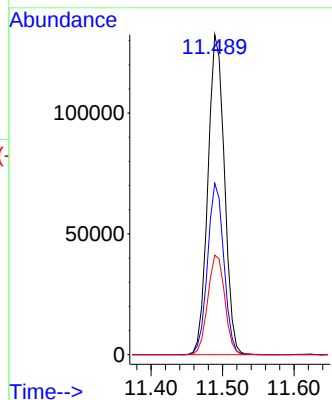
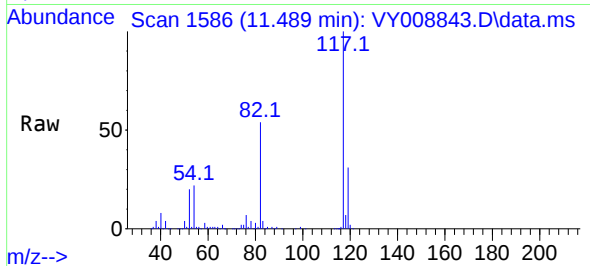




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY008843.D
Acq: 19 May 2022 03:22

Instrument :
MSVOA_Y
ClientSampleId :
P032-SS001-0006-01

Tgt Ion:	117	Resp:	212359
Ion	Ratio	Lower	Upper
117	100		
82	53.6	43.0	64.4
119	31.1	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: VY008843.D
Acq: 19 May 2022 03:22

Tgt Ion:	152	Resp:	89121
Ion	Ratio	Lower	Upper
152	100		
115	55.5	28.2	84.7
150	155.3	0.0	347.6

