

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050322\
 Data File : VY008585.D
 Acq On : 03 May 2022 12:35
 Operator : KP/MD
 Sample : N2605-05
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-06-042822

Quant Time: May 03 16:57:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 01:57:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	7279	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	13053	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	14353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	6025	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	5017	70.915	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	141.840%
35) Dibromofluoromethane	7.716	113	4900	56.732	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.460%
50) Toluene-d8	10.179	98	15241	49.807	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.620%
62) 4-Bromofluorobenzene	12.483	95	5668	50.537	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.080%

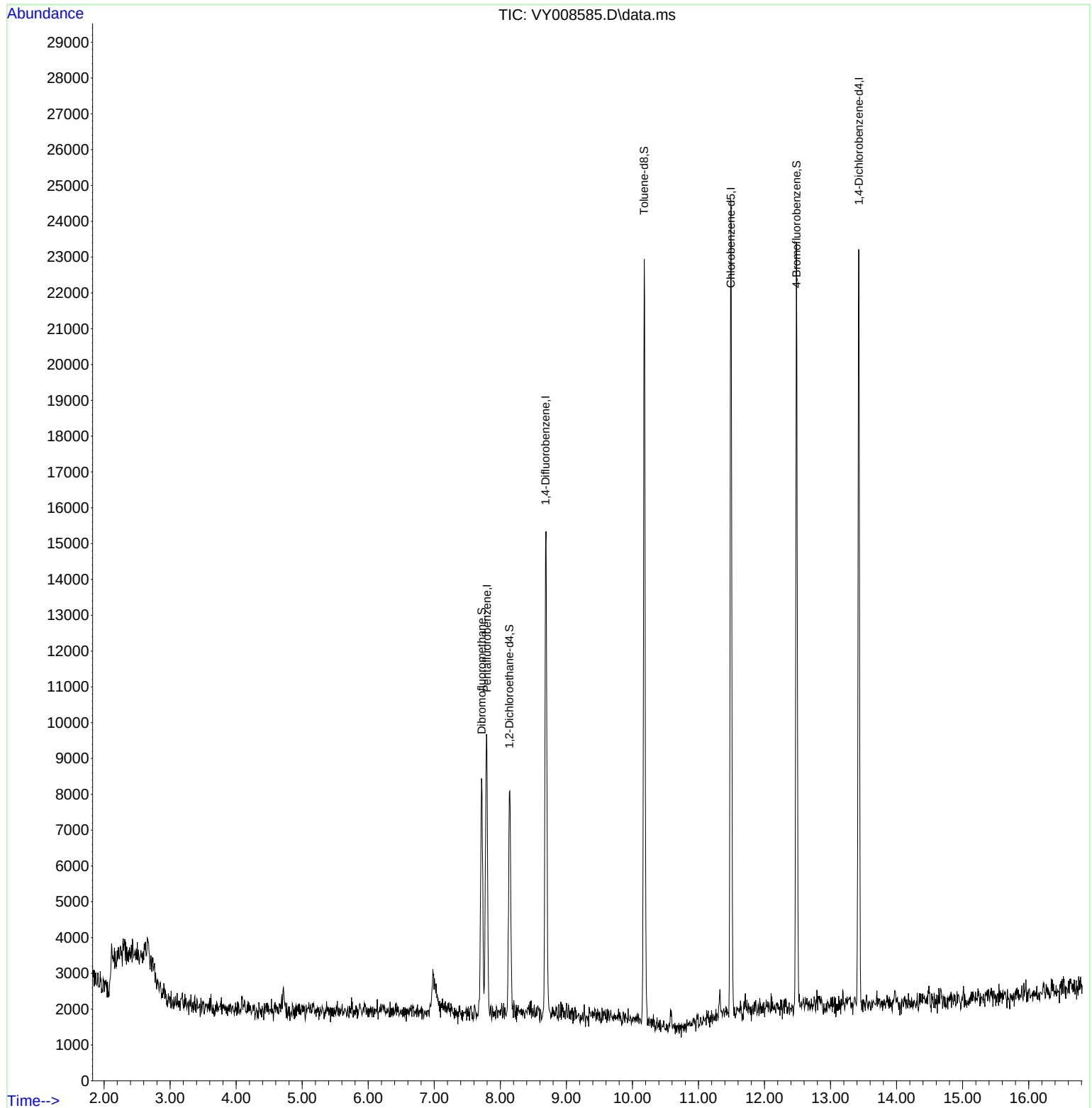
Target Compounds	Qvalue

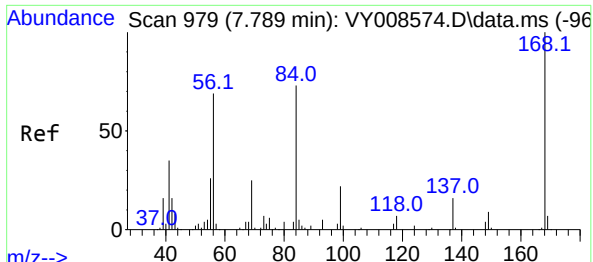
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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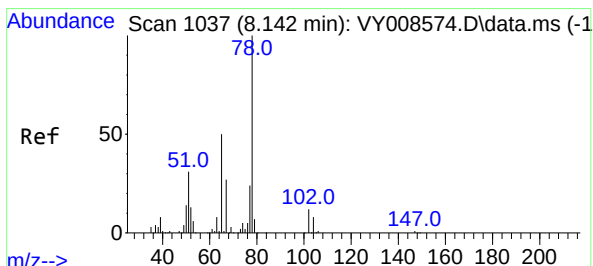
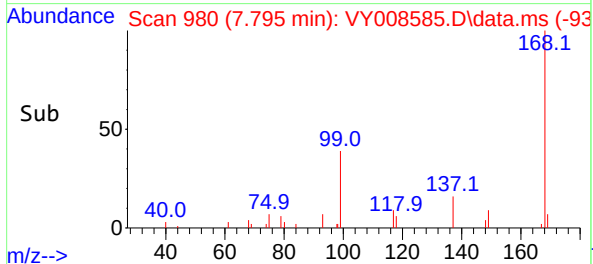
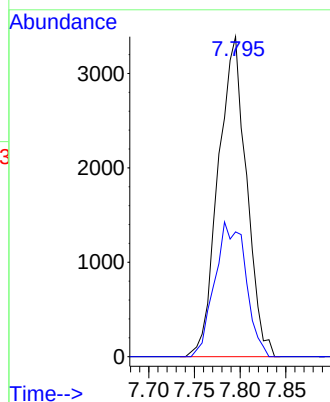
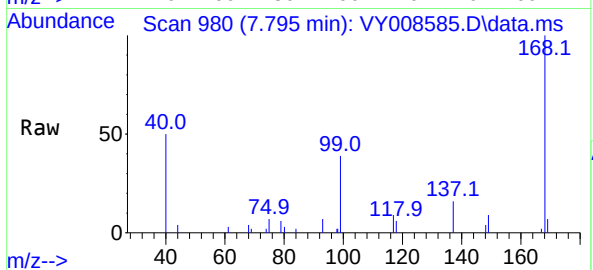




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008585.D
Acq: 03 May 2022 12:35

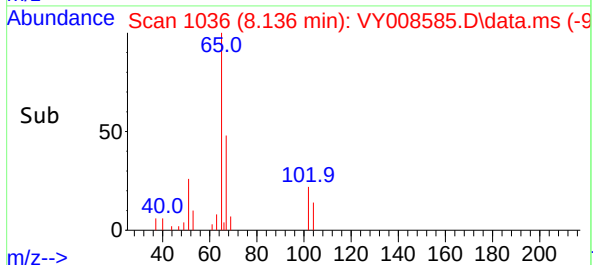
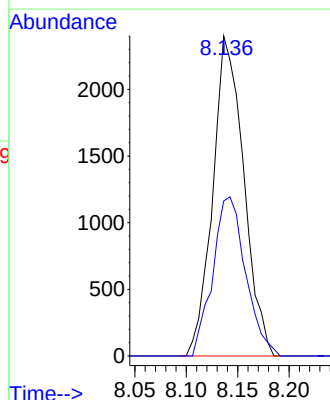
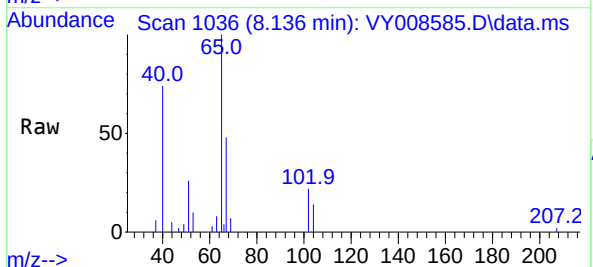
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-042822

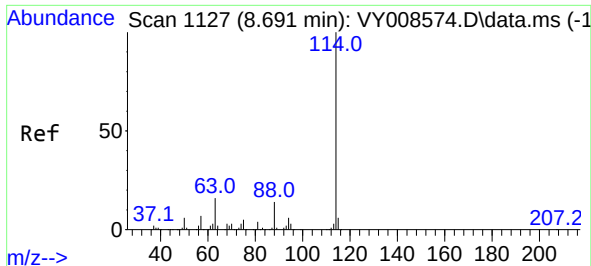
Tgt Ion:168 Resp: 7279
Ion Ratio Lower Upper
168 100
99 39.0 46.9 70.3#



#33
1,2-Dichloroethane-d4
Concen: 70.915 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY008585.D
Acq: 03 May 2022 12:35

Tgt Ion: 65 Resp: 5017
Ion Ratio Lower Upper
65 100
67 52.9 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY008585.D

Acq: 03 May 2022 12:35

Instrument :

MSVOA_Y

ClientSampleId :

TR-06-042822

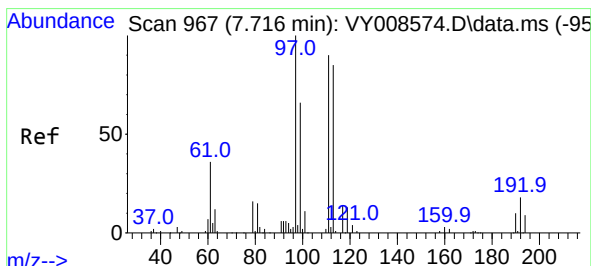
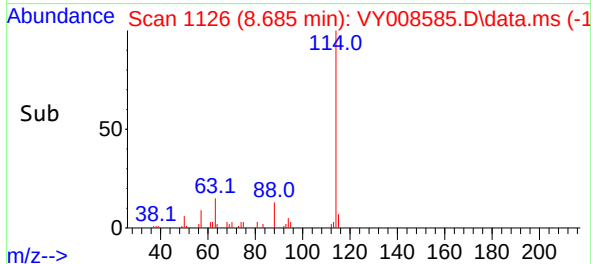
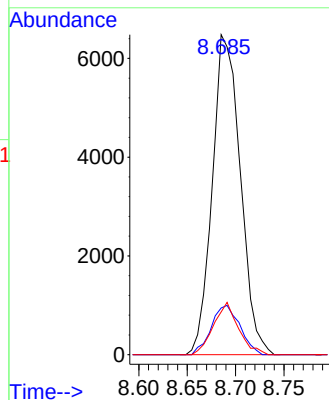
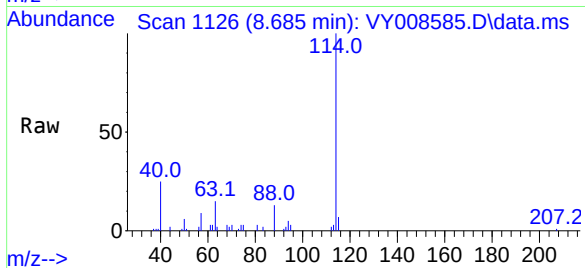
Tgt Ion:114 Resp: 13053

Ion Ratio Lower Upper

114 100

63 14.6 0.0 43.2

88 13.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 56.732 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY008585.D

Acq: 03 May 2022 12:35

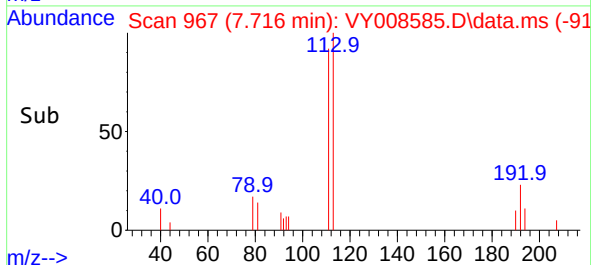
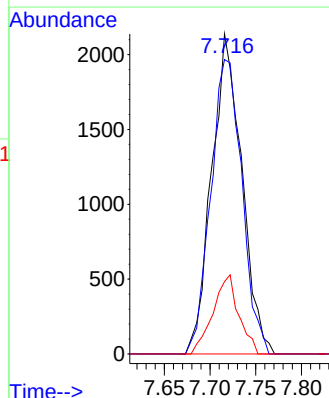
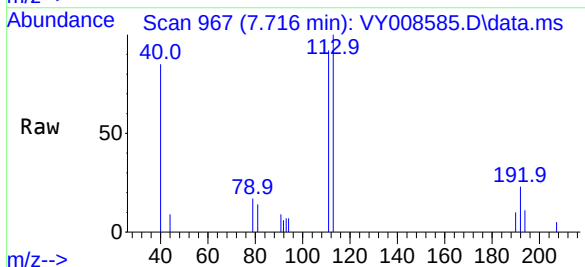
Tgt Ion:113 Resp: 4900

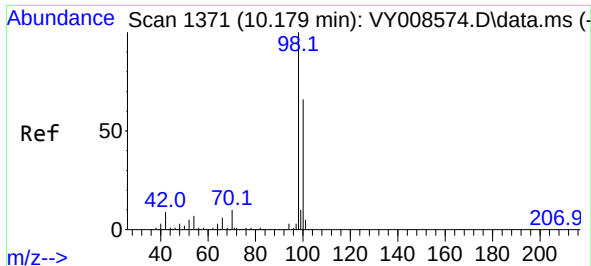
Ion Ratio Lower Upper

113 100

111 95.2 82.6 124.0

192 21.1 17.6 26.4

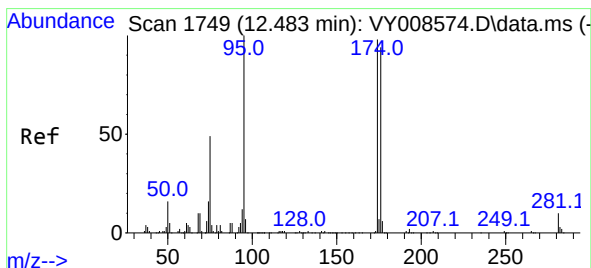
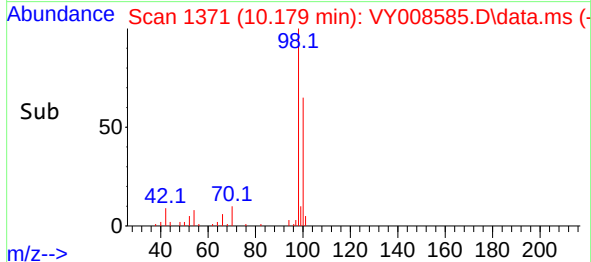
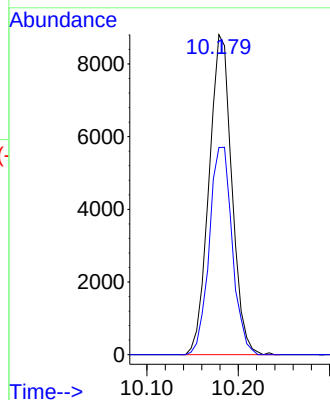
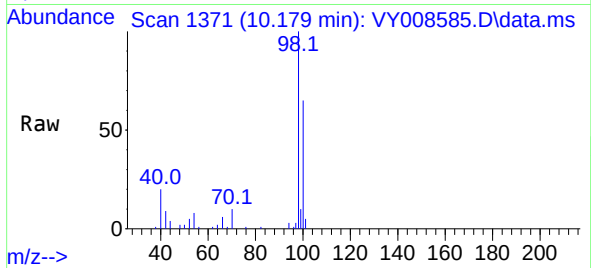




#50
Toluene-d8
Concen: 49.807 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY008585.D
Acq: 03 May 2022 12:35

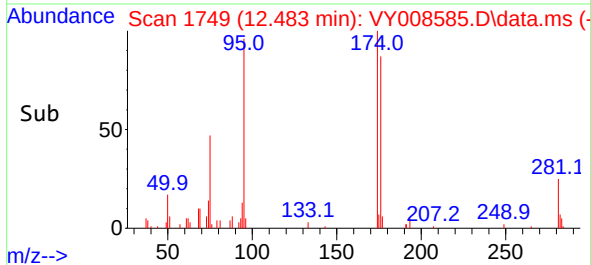
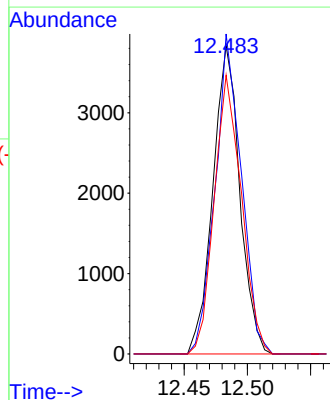
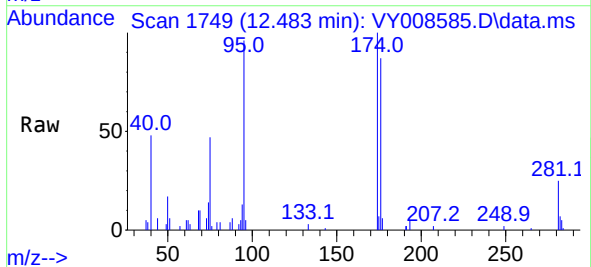
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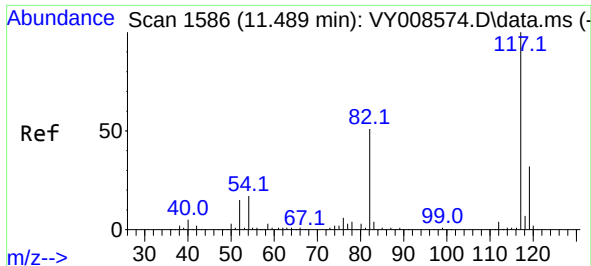
Tgt Ion: 98 Resp: 15241
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 50.537 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008585.D
Acq: 03 May 2022 12:35

Tgt Ion: 95 Resp: 5668
Ion Ratio Lower Upper
95 100
174 101.1 0.0 177.0
176 91.4 0.0 175.8

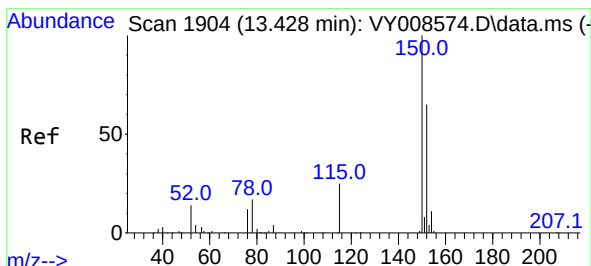
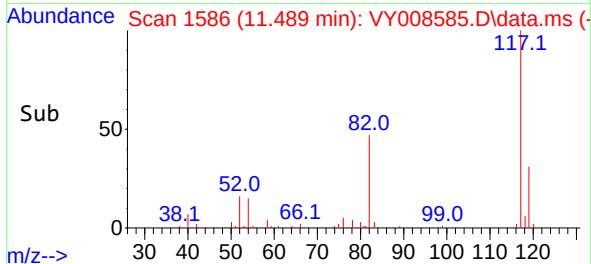
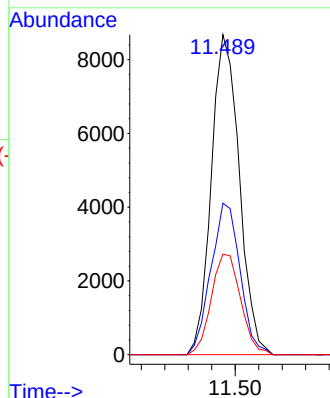
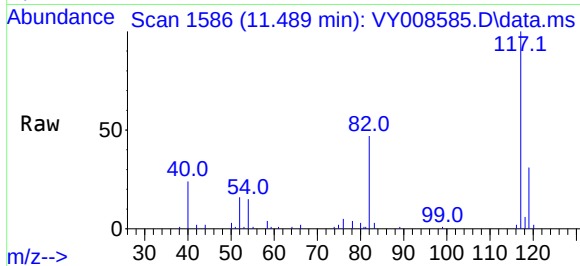




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008585.D
Acq: 03 May 2022 12:35

Instrument :
MSVOA_Y
ClientSampleId :
TR-06-042822

Tgt Ion:	117	Resp:	14353
Ion	Ratio	Lower	Upper
117	100		
82	47.4	43.0	64.4
119	31.4	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: VY008585.D
Acq: 03 May 2022 12:35

Tgt Ion:	152	Resp:	6025
Ion	Ratio	Lower	Upper
152	100		
115	59.1	28.2	84.7
150	160.2	0.0	347.6

