

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051122\
 Data File : VY008715.D
 Acq On : 11 May 2022 18:24
 Operator : KP/MD
 Sample : N2781-05
 Misc : 5.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P003-SS003-2430-01

Quant Time: May 12 06:31:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 09 19:21:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	205764	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	330613	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	306132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	141232	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	100498	57.001	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.000%
35) Dibromofluoromethane	7.716	113	105629	51.845	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.700%
50) Toluene-d8	10.179	98	384428	53.544	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.080%
62) 4-Bromofluorobenzene	12.483	95	120971	46.833	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.660%

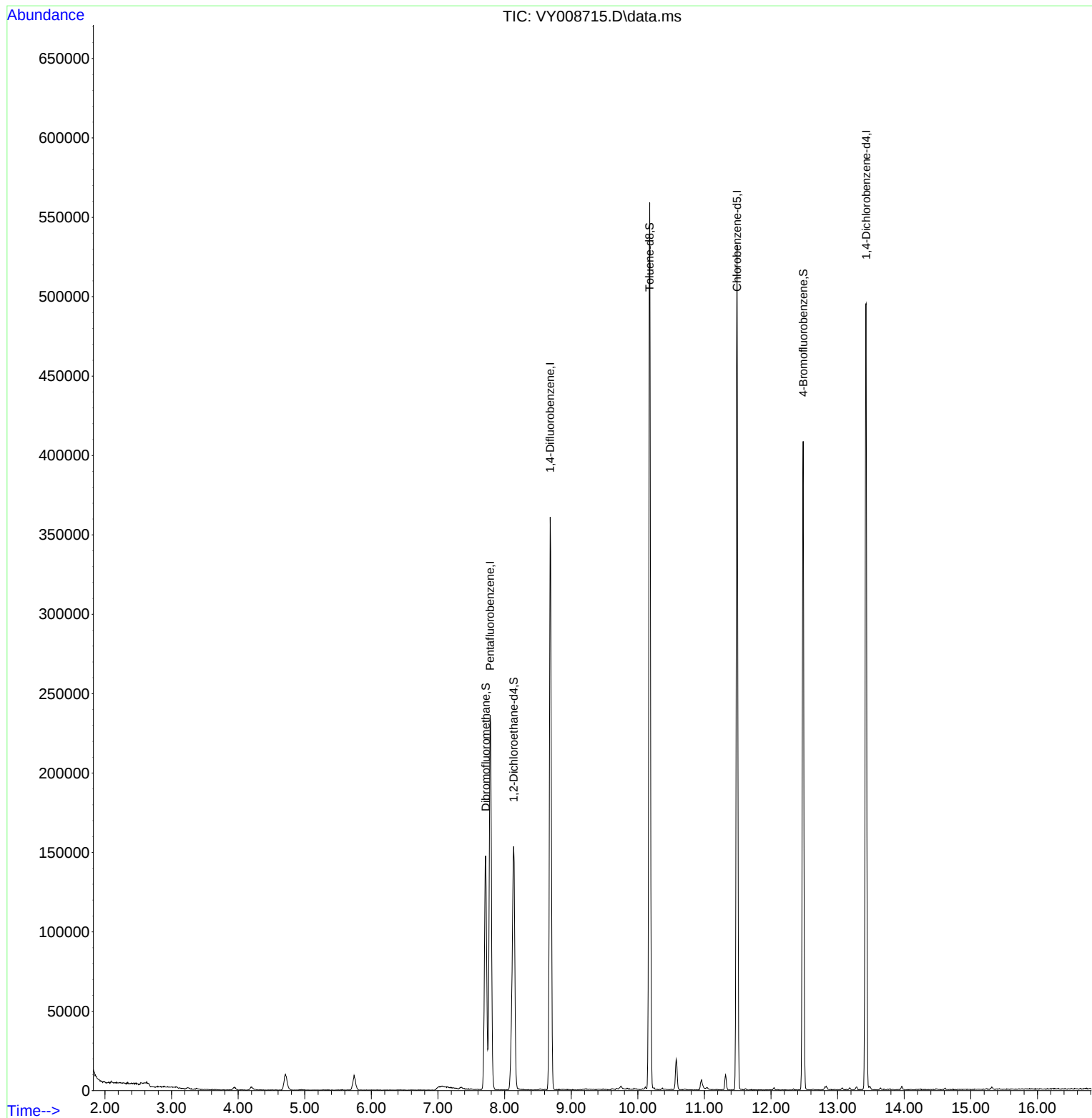
Target Compounds Qvalue

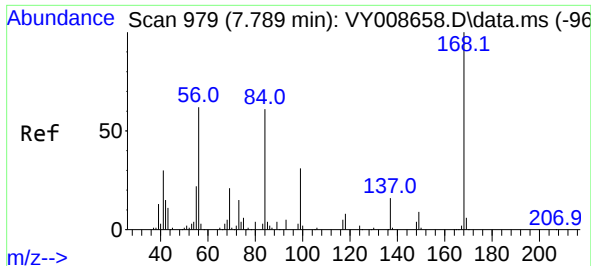
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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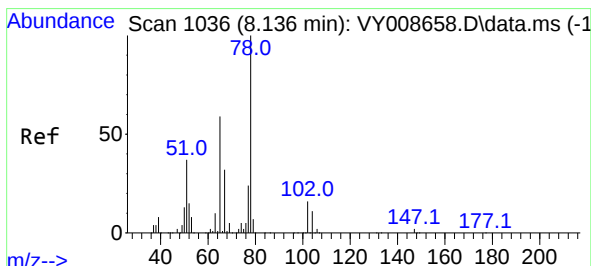
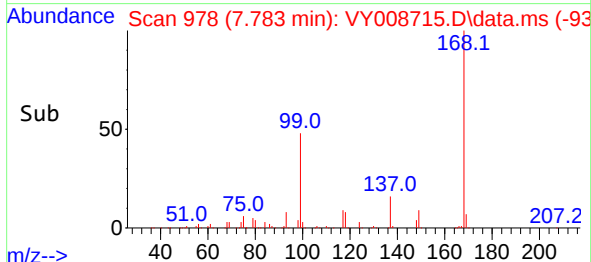
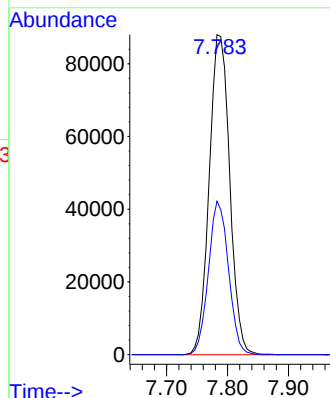
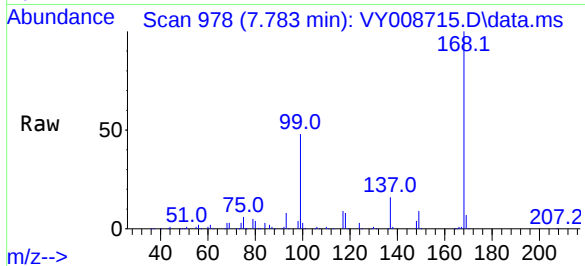




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY008715.D
Acq: 11 May 2022 18:24

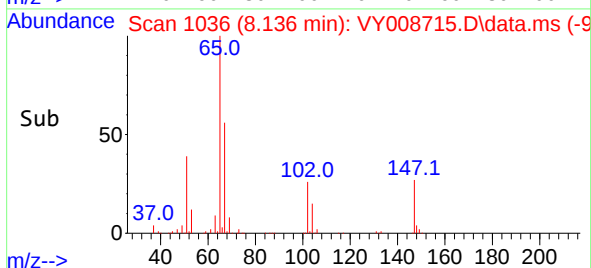
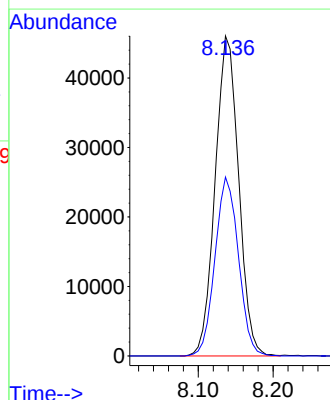
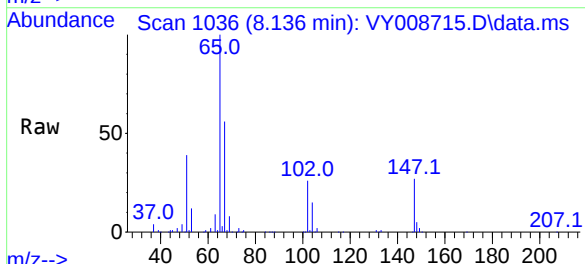
Instrument :
MSVOA_Y
ClientSampleId :
P003-SS003-2430-01

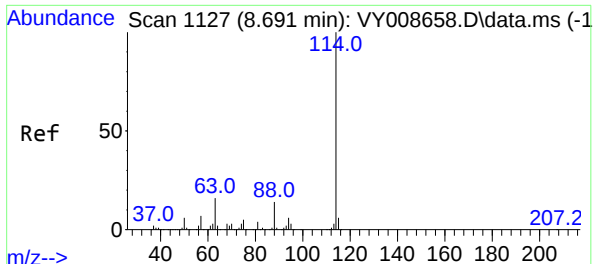
Tgt Ion:168 Resp: 205764
Ion Ratio Lower Upper
168 100
99 47.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 57.001 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY008715.D
Acq: 11 May 2022 18:24

Tgt Ion: 65 Resp: 100498
Ion Ratio Lower Upper
65 100
67 55.8 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: VY008715.D

Acq: 11 May 2022 18:24

Instrument :

MSVOA_Y

ClientSampleId :

P003-SS003-2430-01

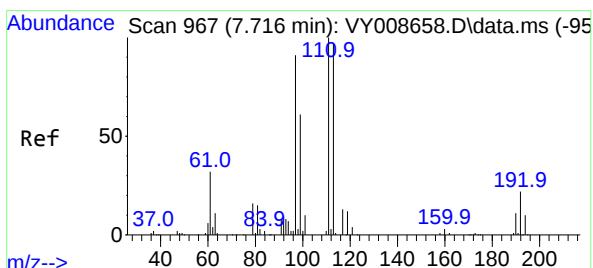
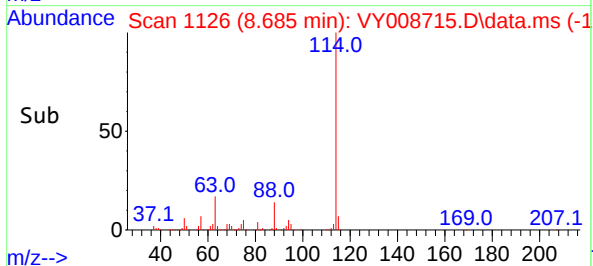
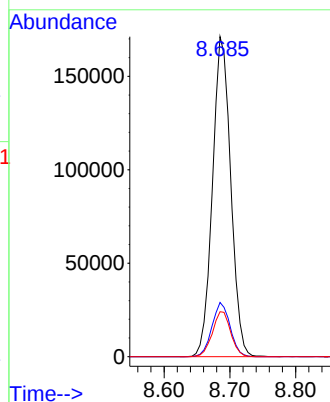
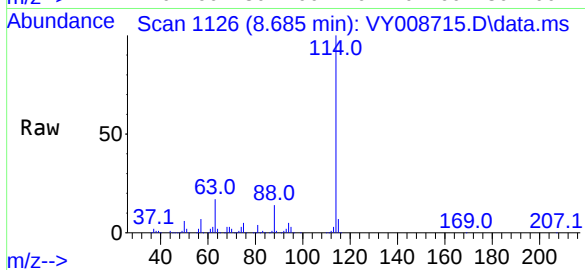
Tgt Ion:114 Resp: 330613

Ion Ratio Lower Upper

114 100

63 16.9 0.0 43.2

88 14.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.845 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008715.D

Acq: 11 May 2022 18:24

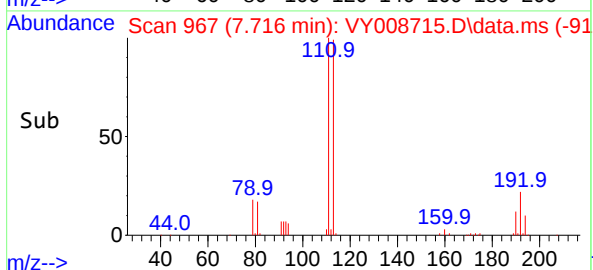
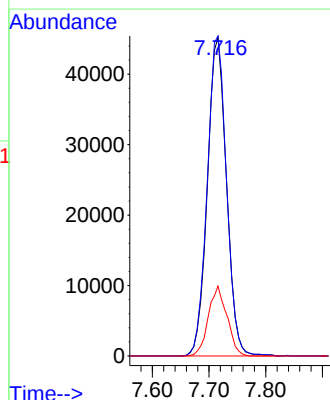
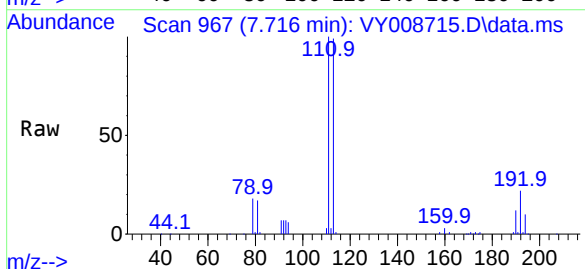
Tgt Ion:113 Resp: 105629

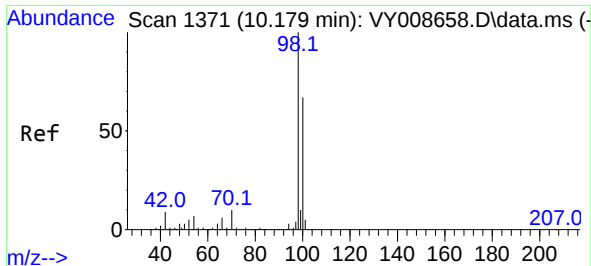
Ion Ratio Lower Upper

113 100

111 101.7 82.6 124.0

192 21.4 17.6 26.4

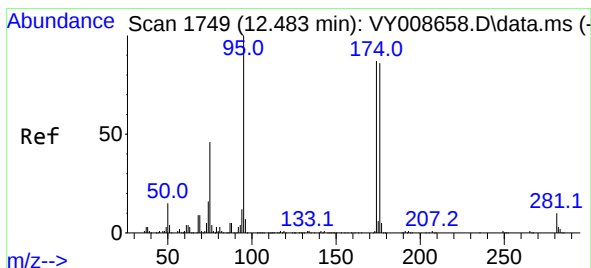
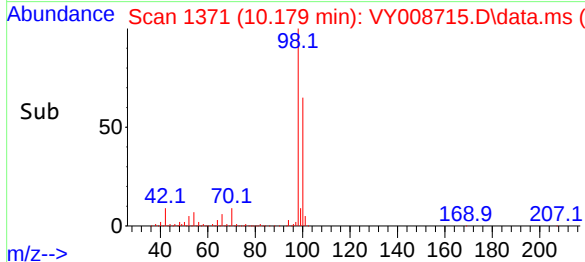
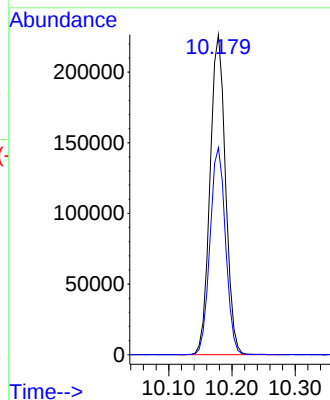
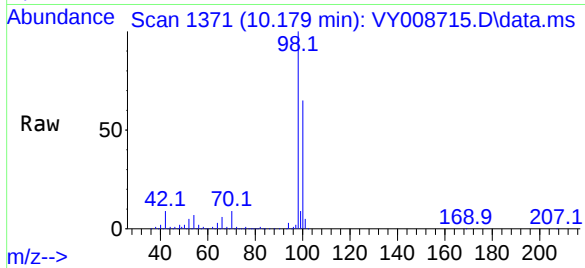




#50
Toluene-d8
Concen: 53.544 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008715.D
Acq: 11 May 2022 18:24

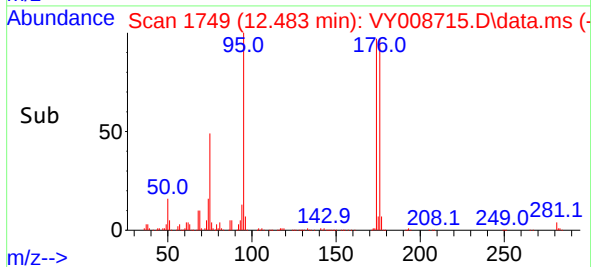
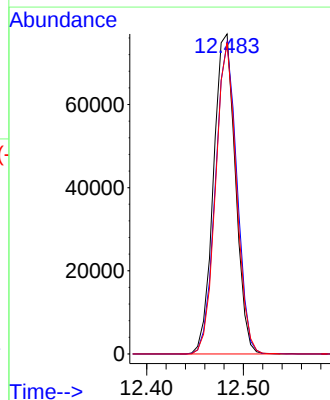
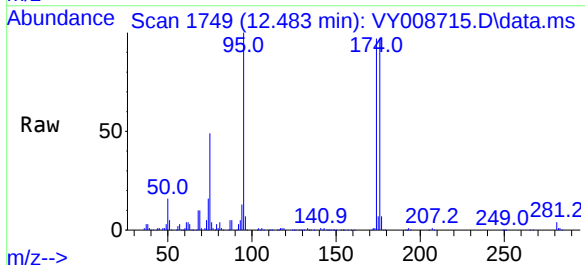
Instrument :
MSVOA_Y
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P003-SS003-2430-01

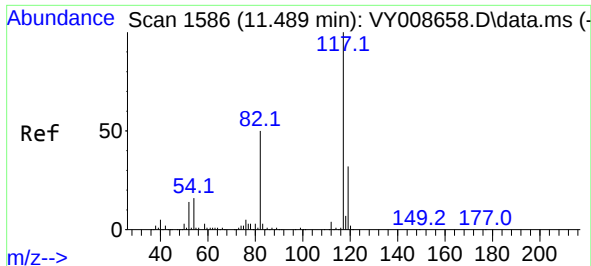
Tgt Ion: 98 Resp: 384428
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.833 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008715.D
Acq: 11 May 2022 18:24

Tgt Ion: 95 Resp: 120971
Ion Ratio Lower Upper
95 100
174 95.5 0.0 177.0
176 92.2 0.0 175.8

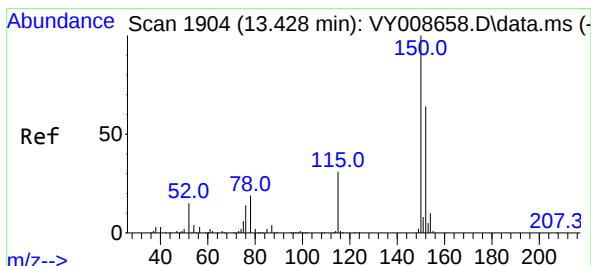
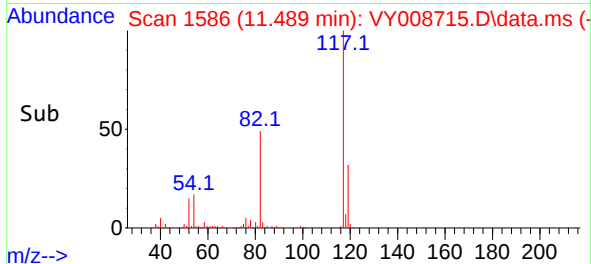
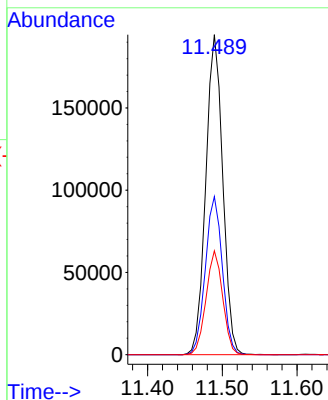
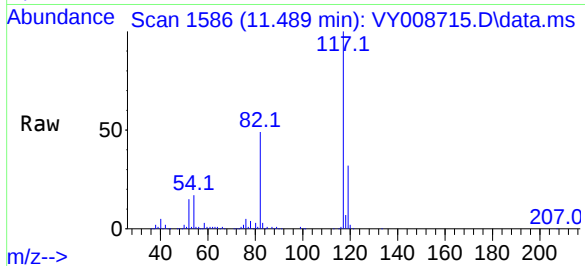




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008715.D
Acq: 11 May 2022 18:24

Instrument :
MSVOA_Y
ClientSampleId :
P003-SS003-2430-01

Tgt Ion:	117	Resp:	306132
Ion	Ratio	Lower	Upper
117	100		
82	49.4	43.0	64.4
119	32.5	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: VY008715.D
Acq: 11 May 2022 18:24

Tgt Ion:	152	Resp:	141232
Ion	Ratio	Lower	Upper
152	100		
115	54.9	28.2	84.7
150	157.2	0.0	347.6

