

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082523\
 Data File : VY015343.D
 Acq On : 25 Aug 2023 15:28
 Operator : SY/MD
 Sample : 04169-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-01-082423

Quant Time: Aug 25 23:42:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	2795	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	4979	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	4902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	1930	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	1952	58.179	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.360%
35) Dibromofluoromethane	7.709	113	661	20.636	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	41.280%#
50) Toluene-d8	10.178	98	5747	48.197	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.400%
62) 4-Bromofluorobenzene	12.483	95	2194	50.376	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.760%

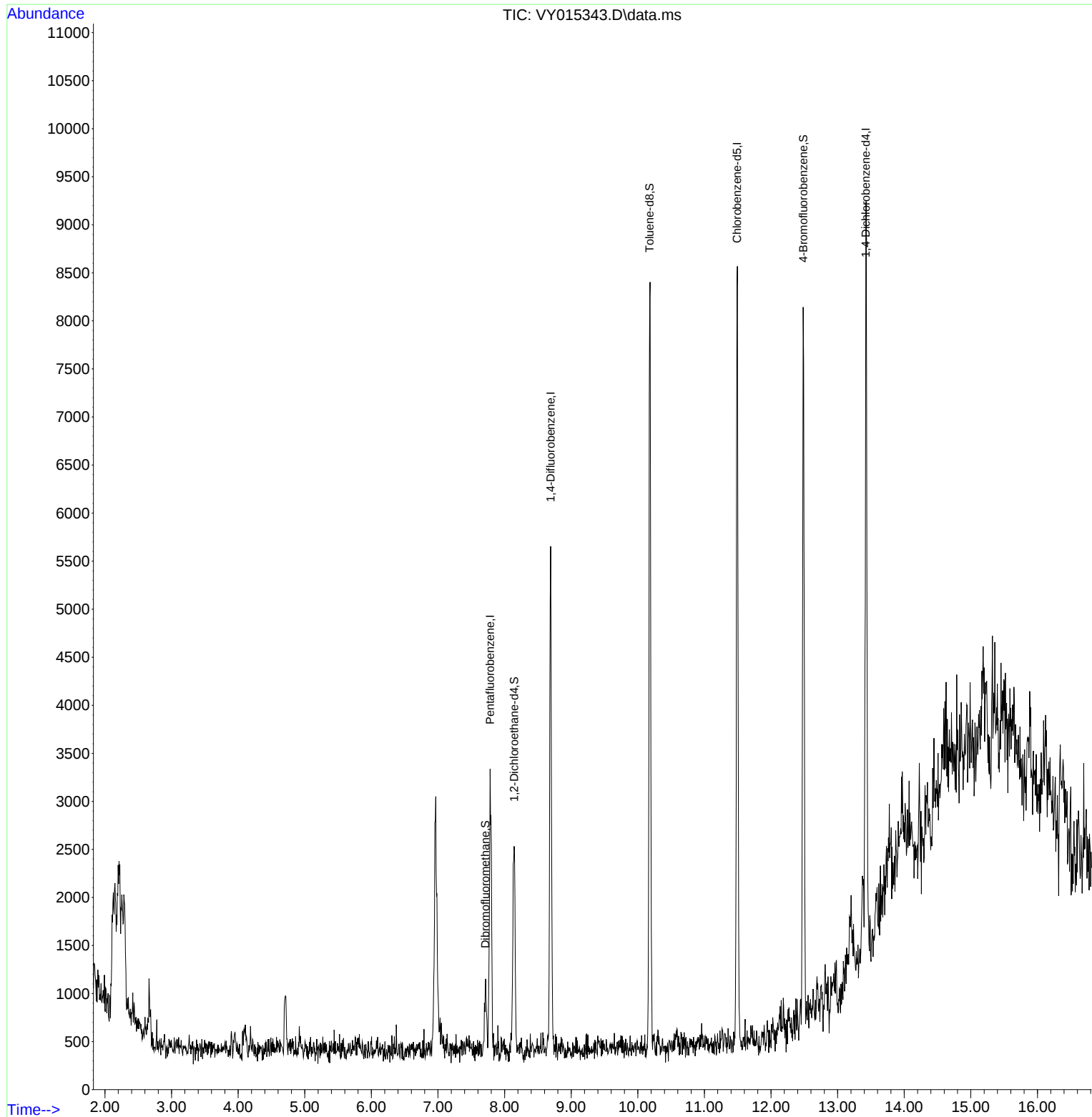
Target Compounds	Qvalue

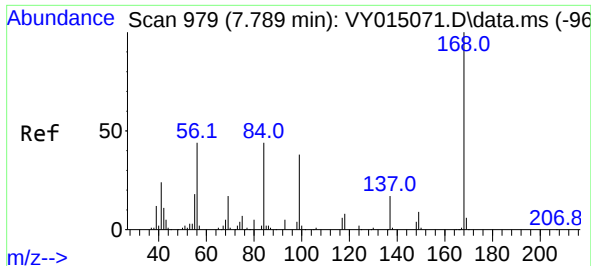
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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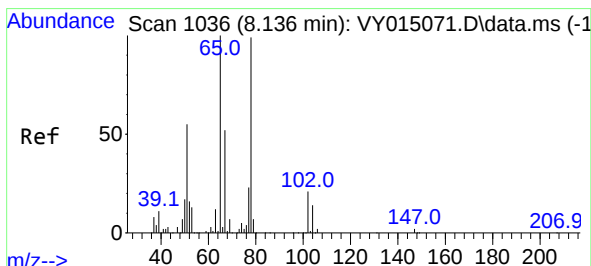
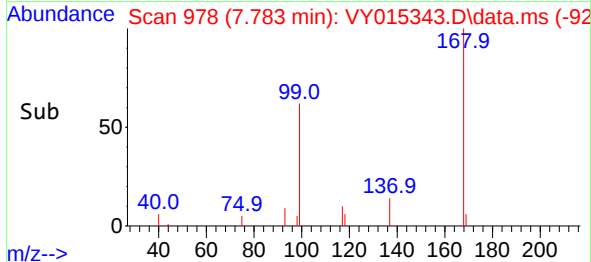
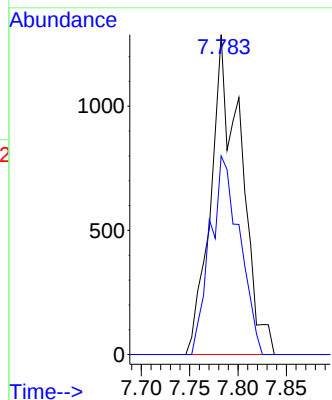
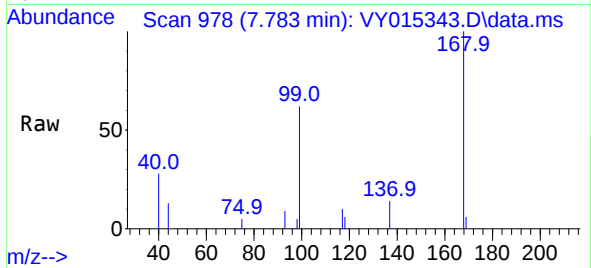




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015343.D
Acq: 25 Aug 2023 15:28

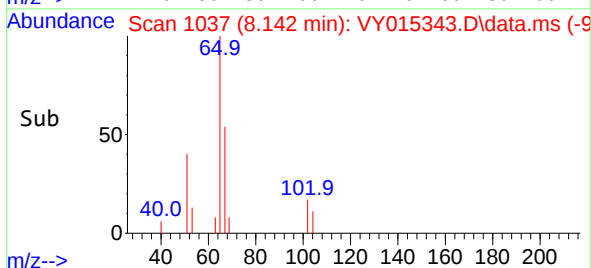
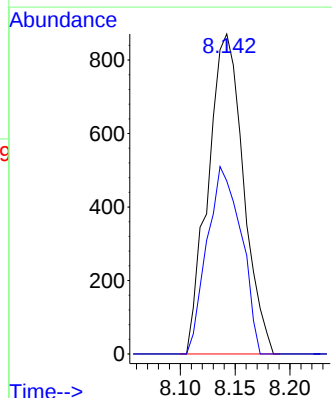
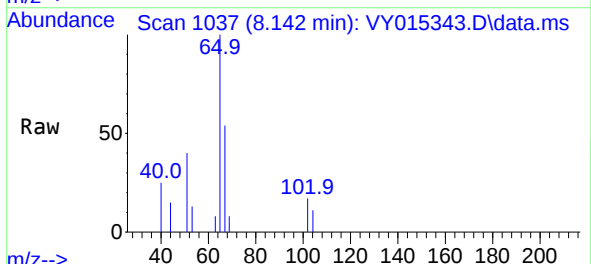
Instrument :
MSVOA_Y
ClientSampleId :
PL-01-082423

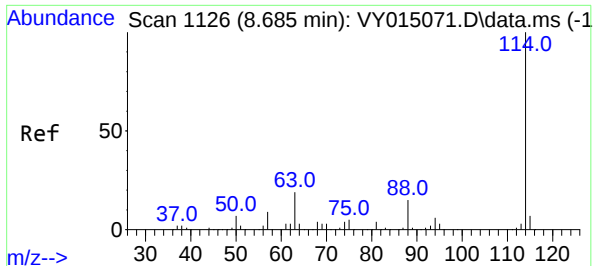
Tgt Ion:168 Resp: 2795
Ion Ratio Lower Upper
168 100
99 62.1 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 58.179 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015343.D
Acq: 25 Aug 2023 15:28

Tgt Ion: 65 Resp: 1952
Ion Ratio Lower Upper
65 100
67 56.6 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY015343.D

Acq: 25 Aug 2023 15:28

Instrument :

MSVOA_Y

ClientSampleId :

PL-01-082423

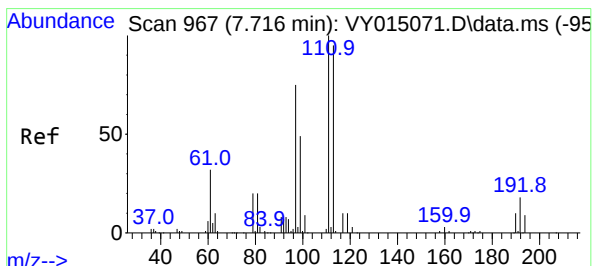
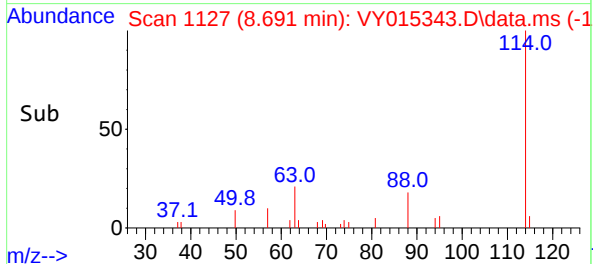
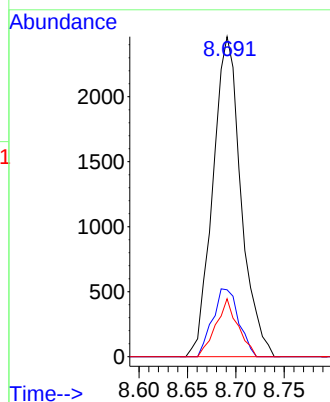
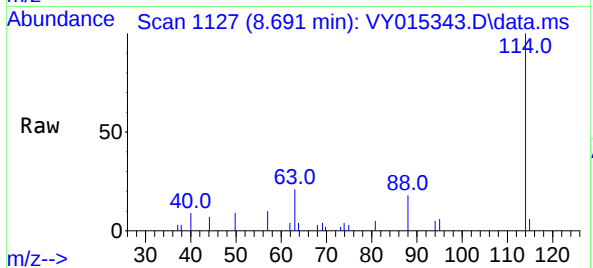
Tgt Ion:114 Resp: 4979

Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.4

88 18.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 20.636 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY015343.D

Acq: 25 Aug 2023 15:28

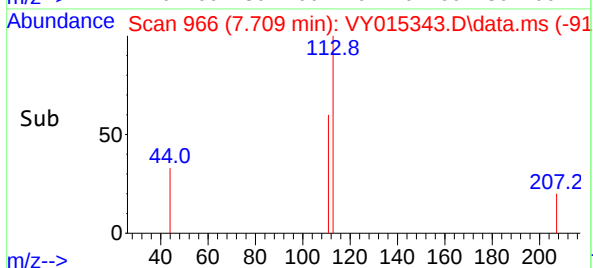
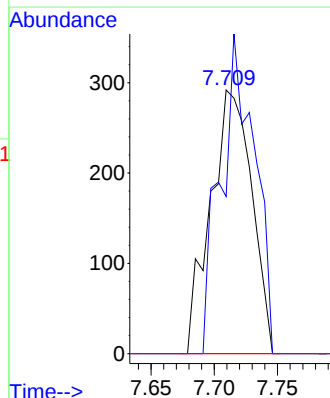
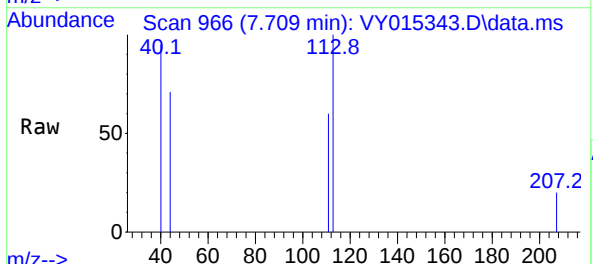
Tgt Ion:113 Resp: 661

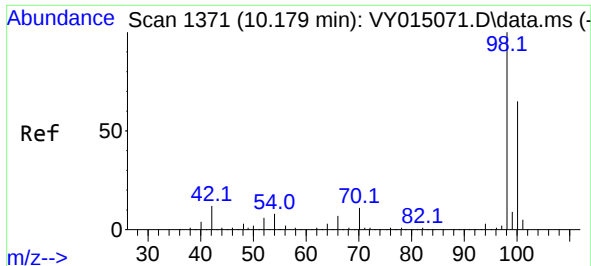
Ion Ratio Lower Upper

113 100

111 99.5 81.3 121.9

192 0.0 16.9 25.3#

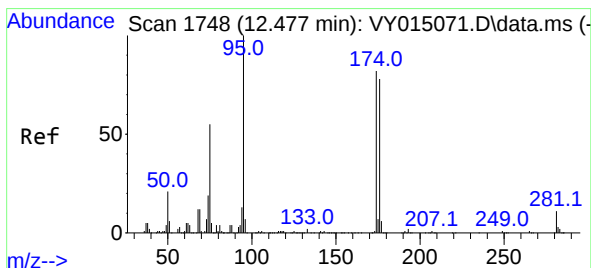
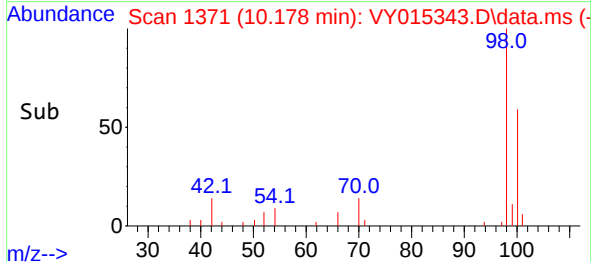
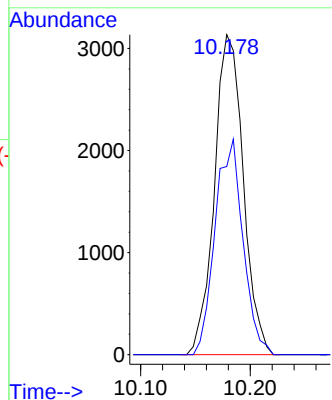
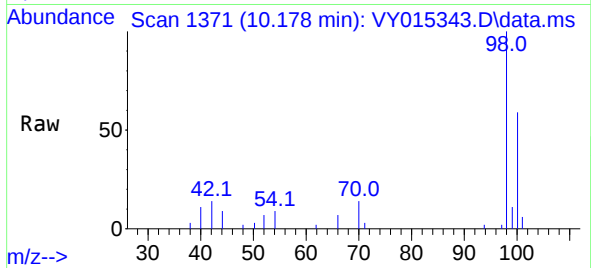




#50
Toluene-d8
Concen: 48.197 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015343.D
Acq: 25 Aug 2023 15:28

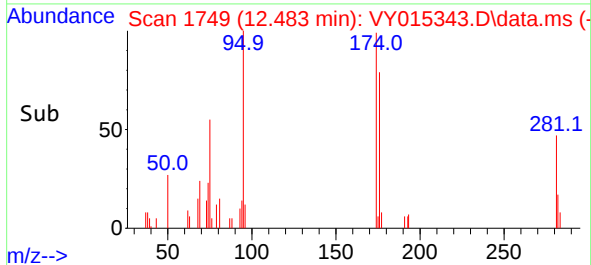
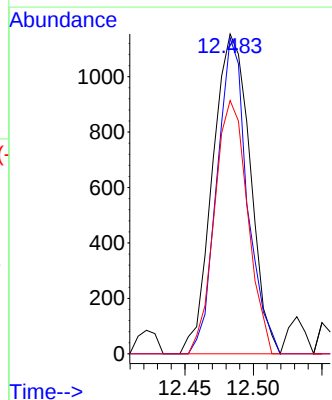
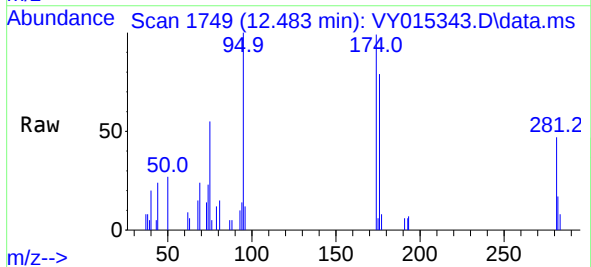
Instrument :
MSVOA_Y
ClientSampleId :
PL-01-082423

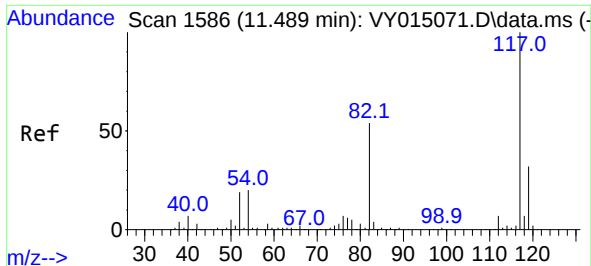
Tgt Ion: 98 Resp: 5747
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 50.376 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015343.D
Acq: 25 Aug 2023 15:28

Tgt Ion: 95 Resp: 2194
Ion Ratio Lower Upper
95 100
174 80.1 0.0 178.2
176 70.1 0.0 173.8

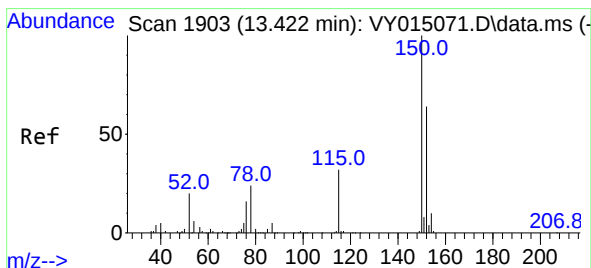
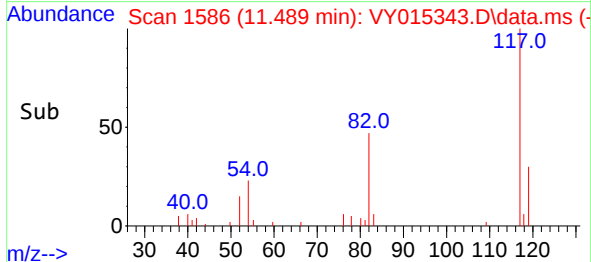
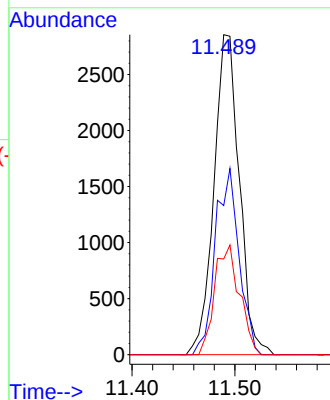
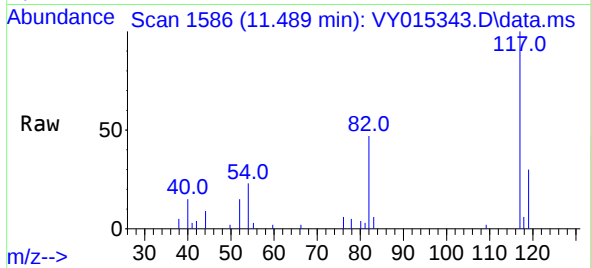




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY015343.D
Acq: 25 Aug 2023 15:28

Instrument :
MSVOA_Y
ClientSampleId :
PL-01-082423

Tgt Ion:	117	Resp:	4902
Ion	Ratio	Lower	Upper
117	100		
82	46.6	43.4	65.0
119	29.9	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY015343.D
Acq: 25 Aug 2023 15:28

Tgt Ion:	152	Resp:	1930
Ion	Ratio	Lower	Upper
152	100		
115	57.6	28.8	86.5
150	160.5	0.0	348.8

