

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070623\
 Data File : VY014582.D
 Acq On : 06 Jul 2023 12:43
 Operator : KP/MD
 Sample : 03516-04
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BERGENFIELD-COMP-2

Quant Time: Jul 07 06:12:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	212664	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	331657	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	322193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	157164	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	117929	55.744	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.480%
35) Dibromofluoromethane	7.710	113	110505	54.106	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.220%
50) Toluene-d8	10.173	98	394140	48.818	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.640%
62) 4-Bromofluorobenzene	12.477	95	127871	45.611	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.220%

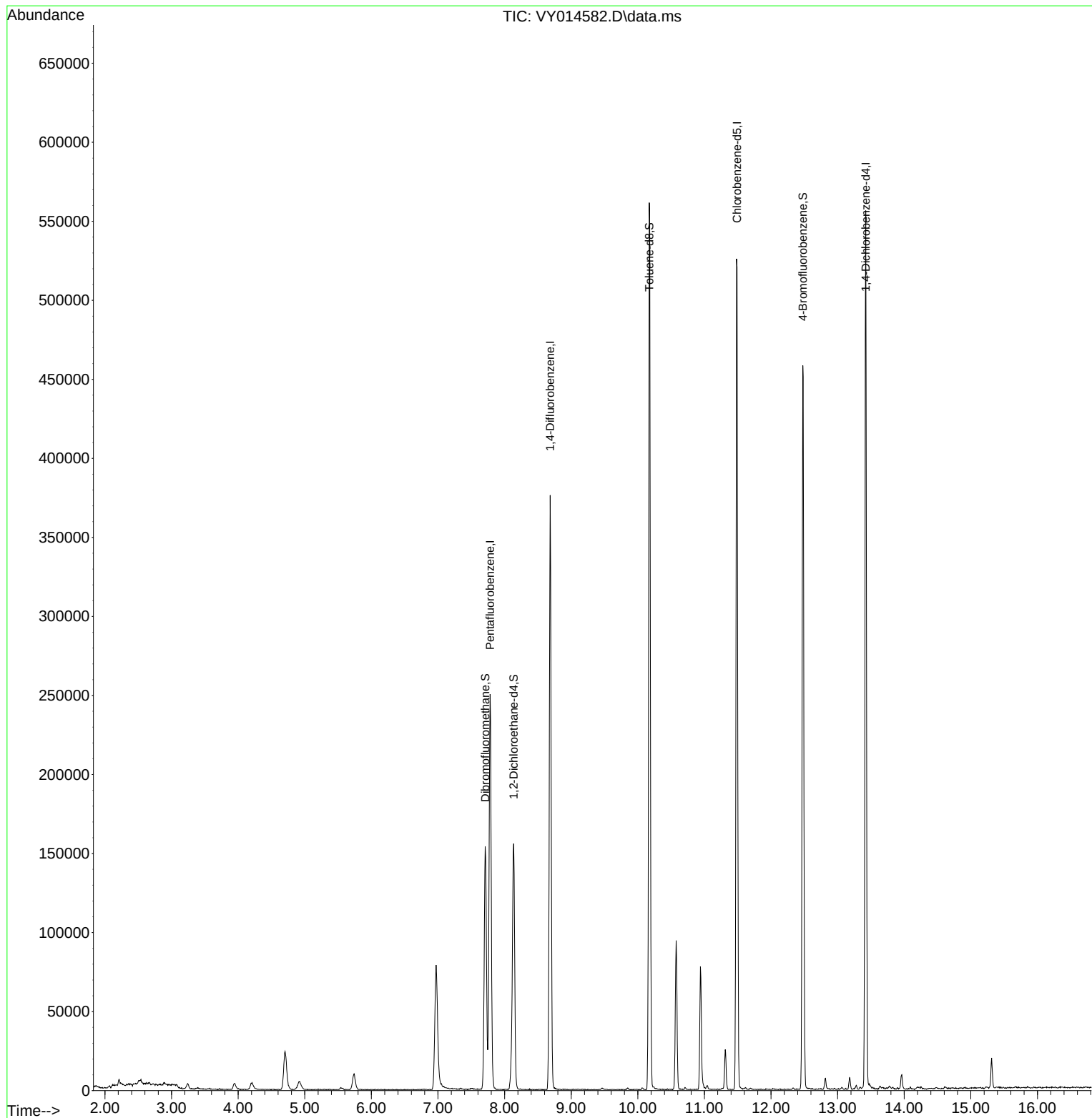
Target Compounds	Qvalue

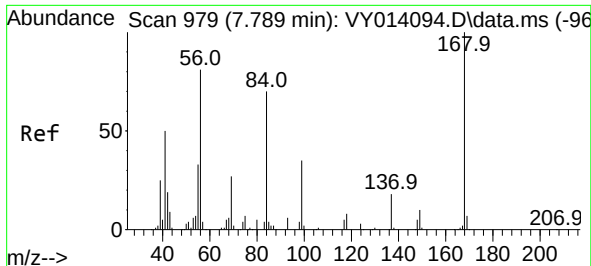
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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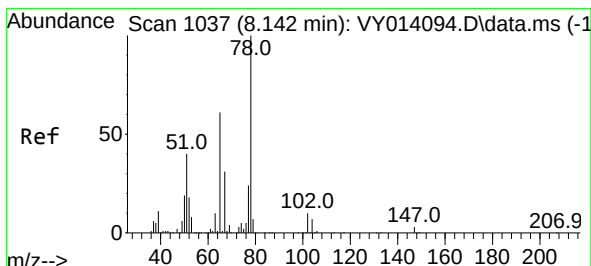
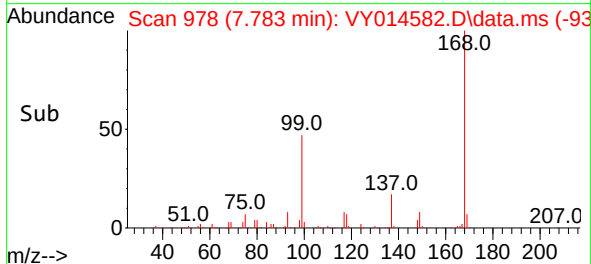
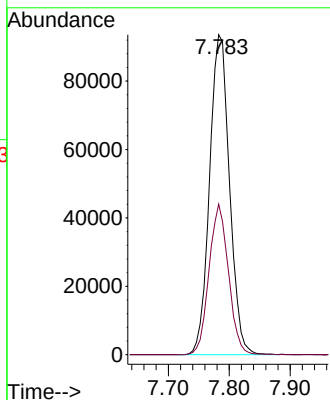
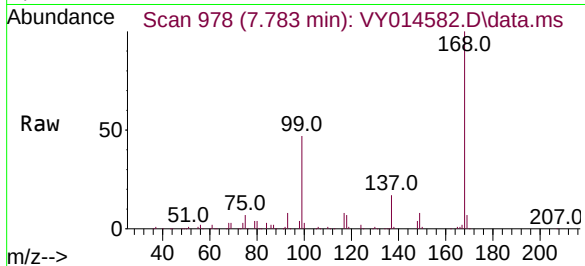




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014582.D
Acq: 06 Jul 2023 12:43

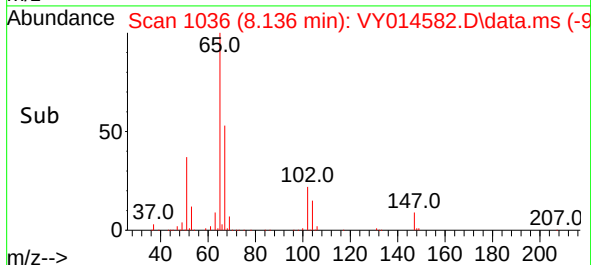
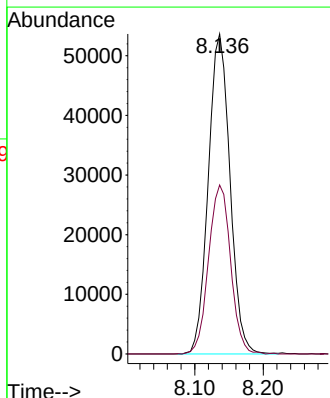
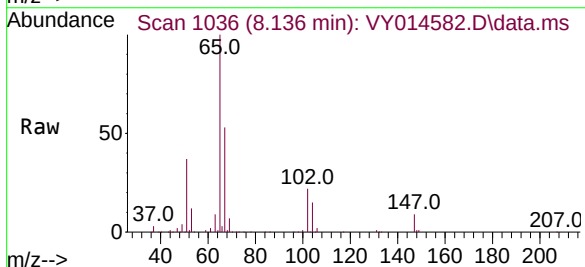
Instrument :
MSVOA_Y
ClientSampleId :
BERGENFIELD-COMP-2

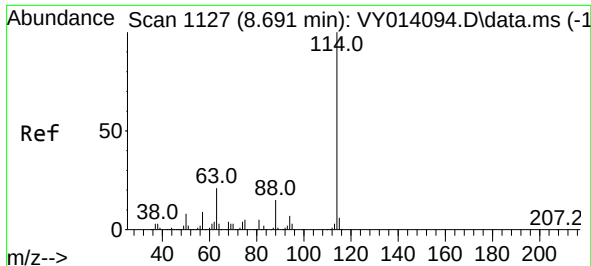
Tgt Ion:168 Resp: 212664
Ion Ratio Lower Upper
168 100
99 47.0 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 55.744 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014582.D
Acq: 06 Jul 2023 12:43

Tgt Ion: 65 Resp: 117929
Ion Ratio Lower Upper
65 100
67 53.7 0.0 101.8

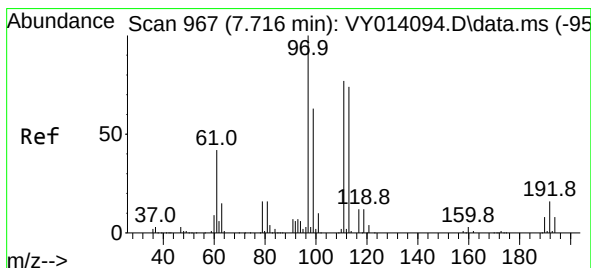
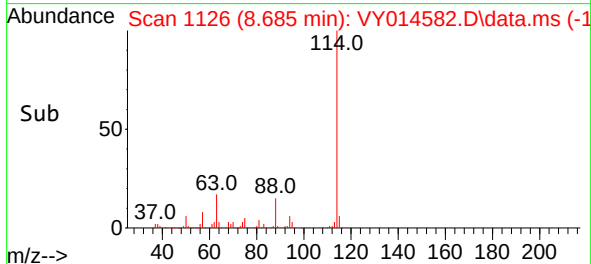
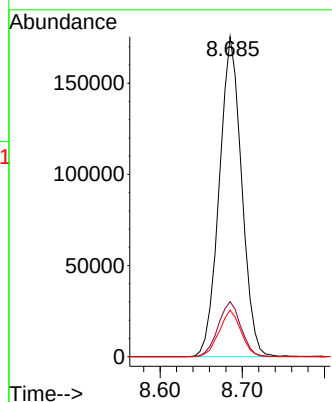
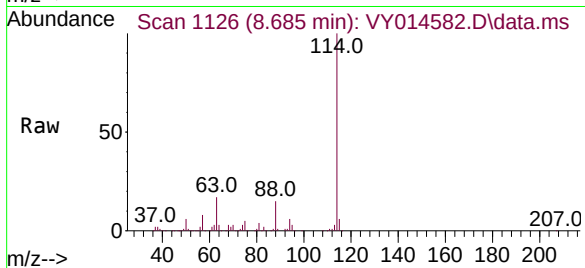




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY014582.D
Acq: 06 Jul 2023 12:43

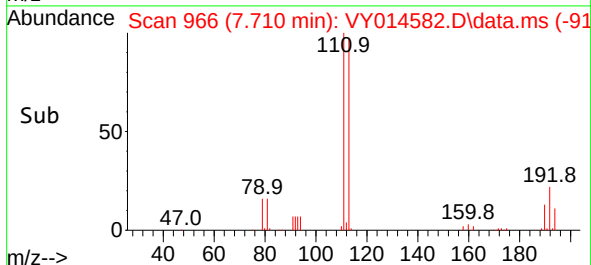
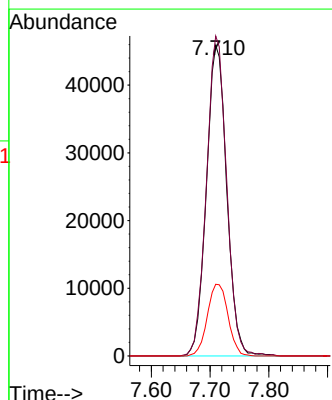
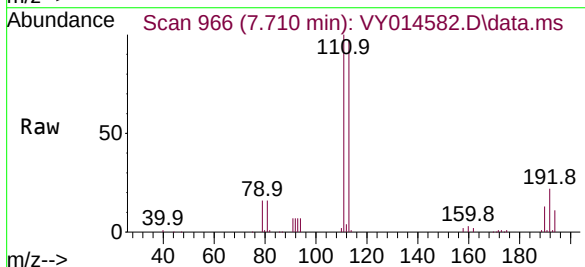
Instrument :
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BERGENFIELD-COMP-2

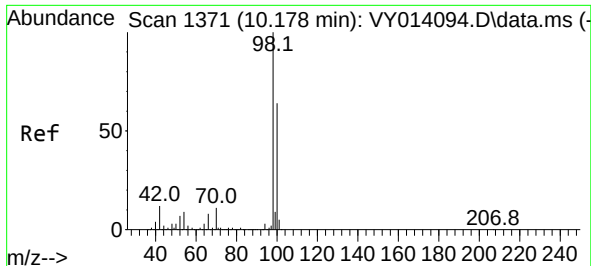
Tgt Ion:	114	Resp:	331657
Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	42.4
88	14.6	0.0	30.6



#35
Dibromofluoromethane
Concen: 54.106 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY014582.D
Acq: 06 Jul 2023 12:43

Tgt Ion:	113	Resp:	110505
Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.3	121.9
192	23.4	16.9	25.3

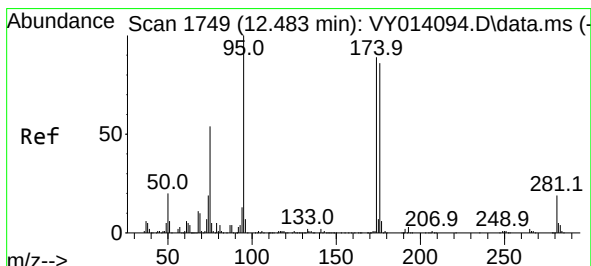
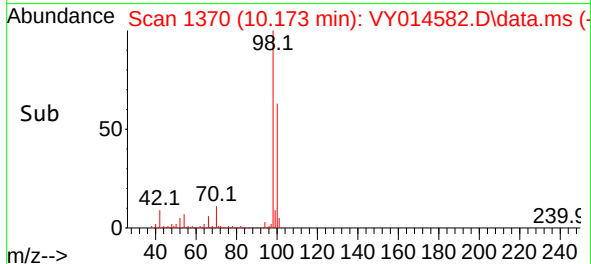
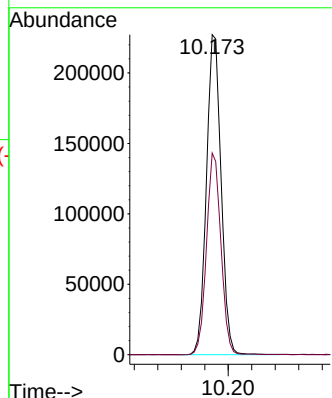
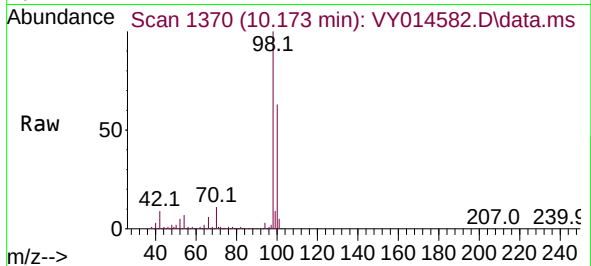




#50
Toluene-d8
Concen: 48.818 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY014582.D
Acq: 06 Jul 2023 12:43

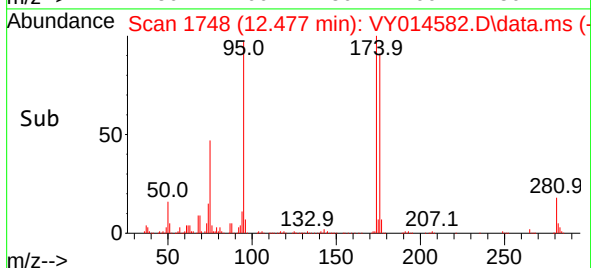
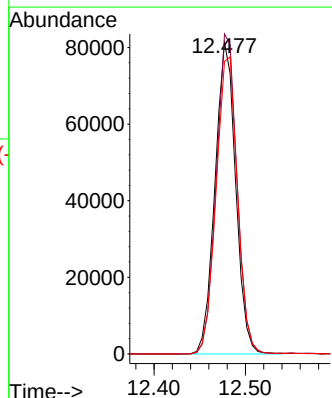
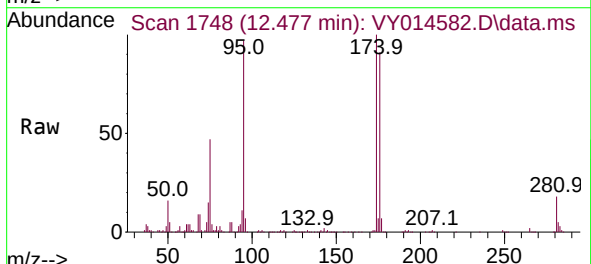
Instrument :
MSVOA_Y
ClientSampleId :
BERGENFIELD-COMP-2

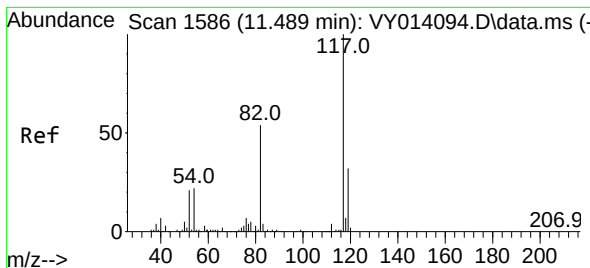
Tgt Ion: 98 Resp: 394140
Ion Ratio Lower Upper
98 100
100 61.9 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 45.611 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014582.D
Acq: 06 Jul 2023 12:43

Tgt Ion: 95 Resp: 127871
Ion Ratio Lower Upper
95 100
174 103.2 0.0 178.2
176 98.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014582.D

Acq: 06 Jul 2023 12:43

Instrument :

MSVOA_Y

ClientSampleId :

BERGENFIELD-COMP-2

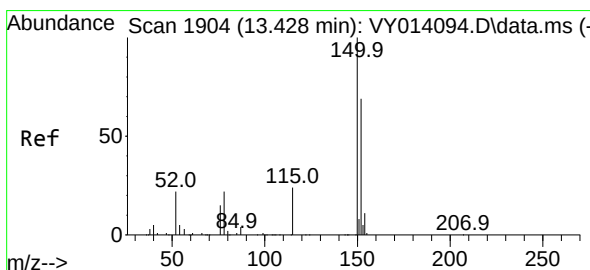
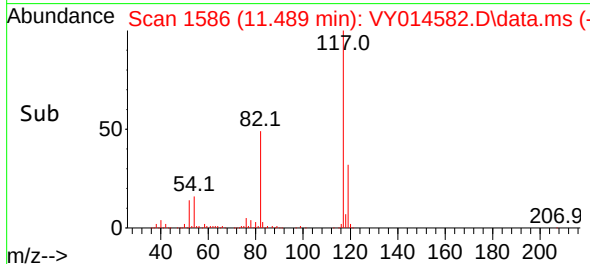
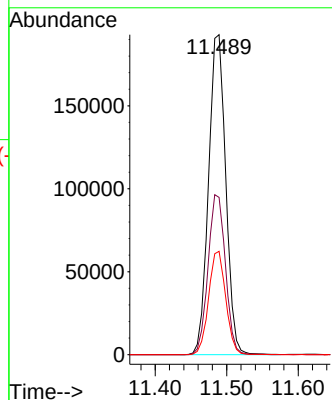
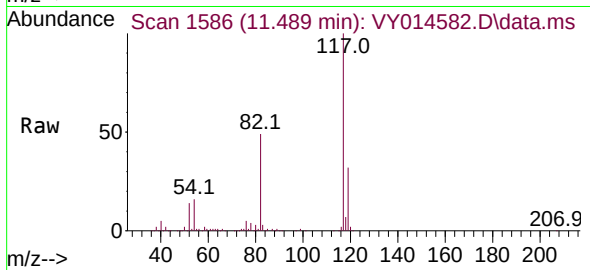
Tgt Ion:117 Resp: 322193

Ion Ratio Lower Upper

117 100

82 49.2 43.4 65.0

119 32.3 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY014582.D

Acq: 06 Jul 2023 12:43

Tgt Ion:152 Resp: 157164

Ion Ratio Lower Upper

152 100

115 53.7 28.8 86.5

150 153.9 0.0 348.8

