

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091522\
 Data File : VY010514.D
 Acq On : 15 Sep 2022 16:26
 Operator : KP/MD
 Sample : N4612-01
 Misc : 4.41g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-01-091322

Quant Time: Sep 16 02:56:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	40397	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	65586	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	58744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	24287	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	21188	52.076	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.160%
35) Dibromofluoromethane	7.710	113	20755	44.558	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.120%
50) Toluene-d8	10.179	98	77417	51.283	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.560%
62) 4-Bromofluorobenzene	12.477	95	23699	38.146	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.300%

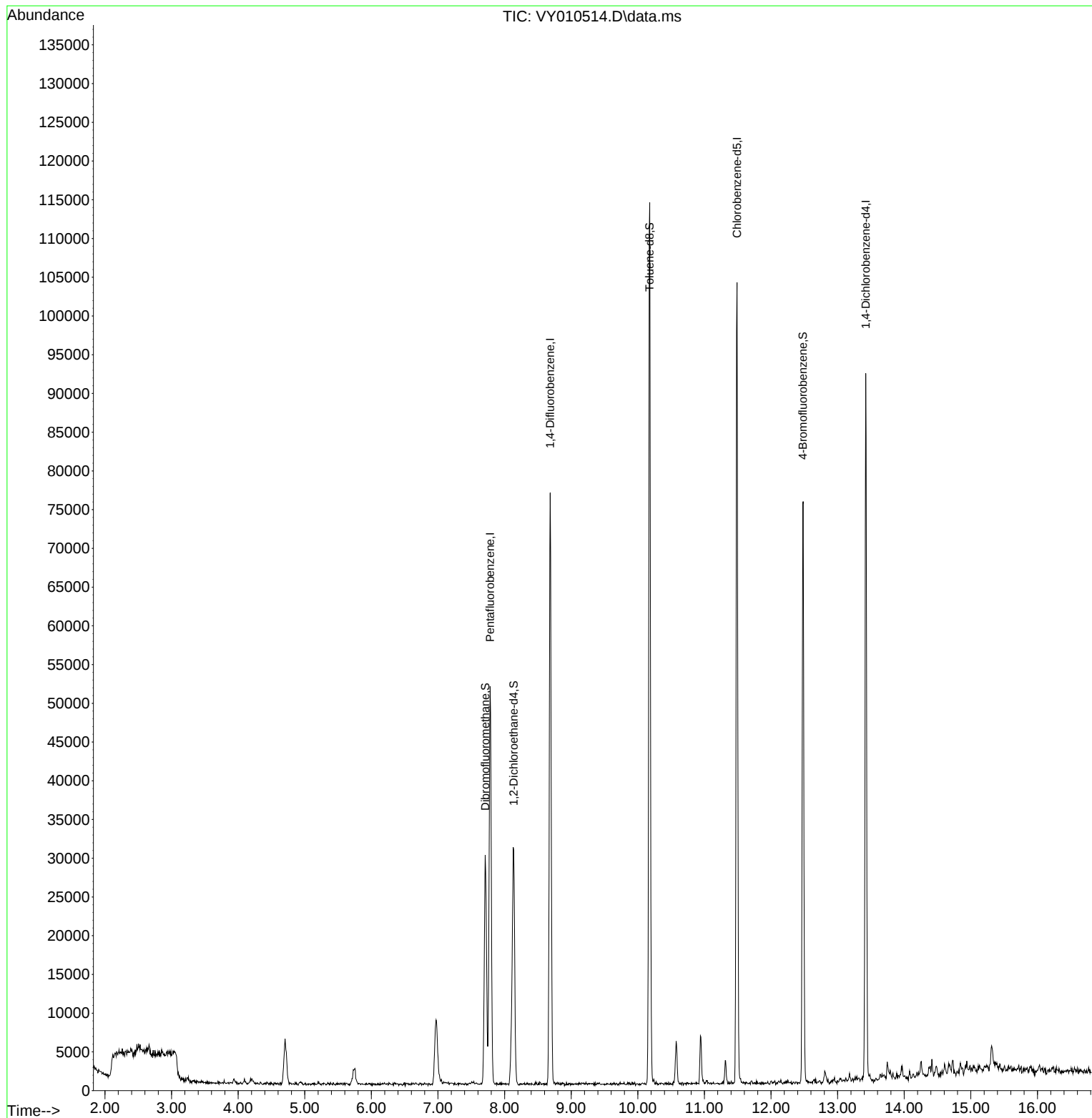
Target Compounds	Qvalue

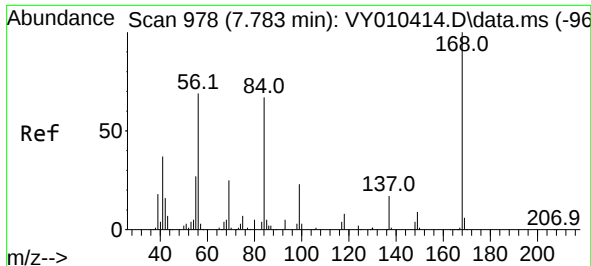
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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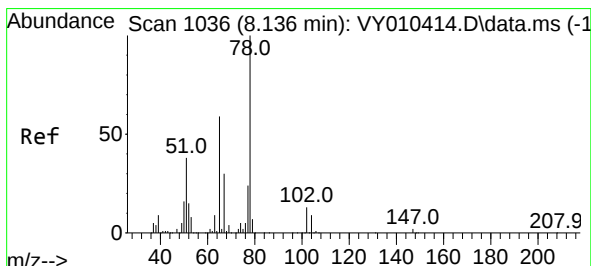
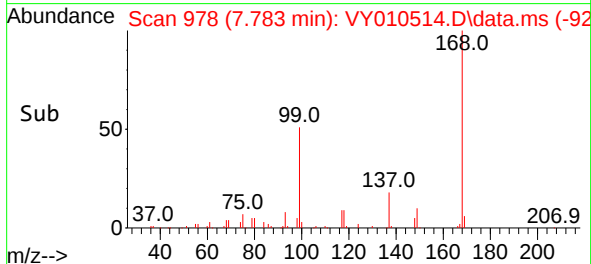
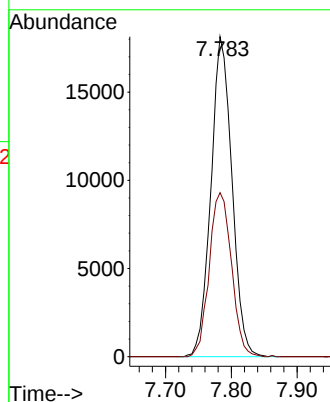
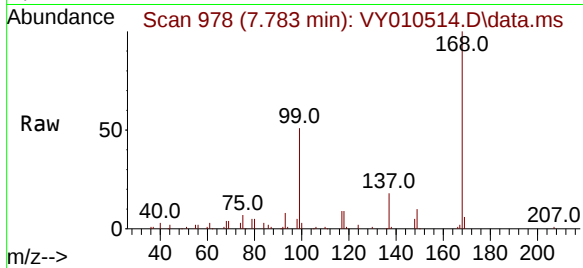




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010514.D
Acq: 15 Sep 2022 16:26

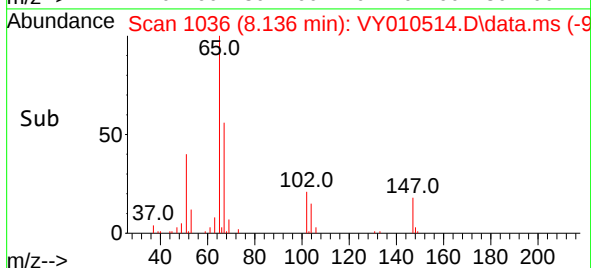
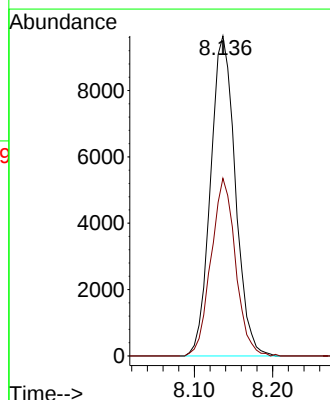
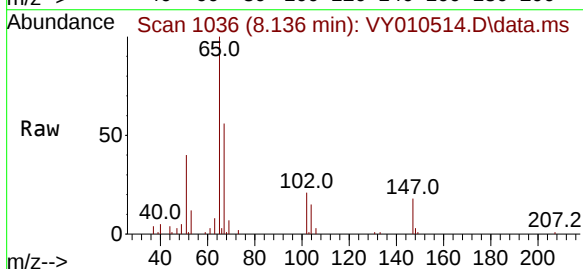
Instrument :
MSVOA_Y
ClientSampleId :
CL-01-091322

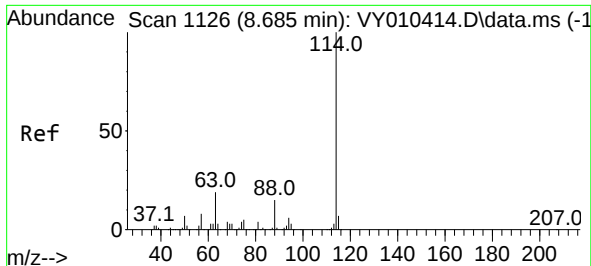
Tgt Ion:168 Resp: 40397
Ion Ratio Lower Upper
168 100
99 51.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 52.076 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010514.D
Acq: 15 Sep 2022 16:26

Tgt Ion: 65 Resp: 21188
Ion Ratio Lower Upper
65 100
67 54.8 0.0 99.4

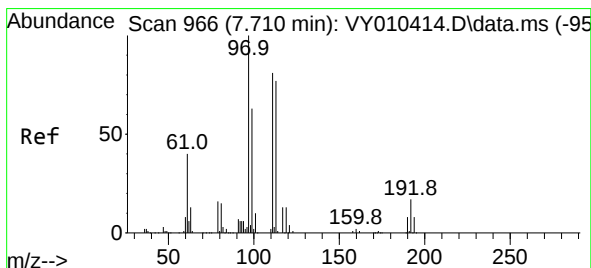
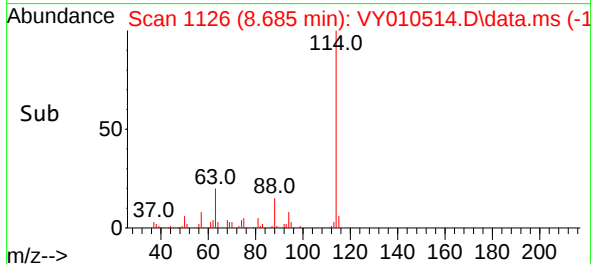
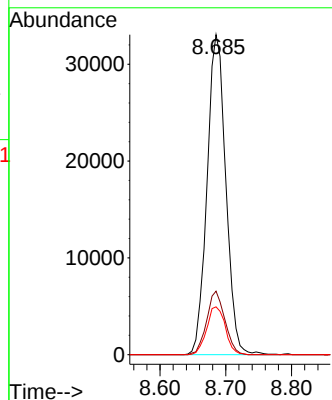
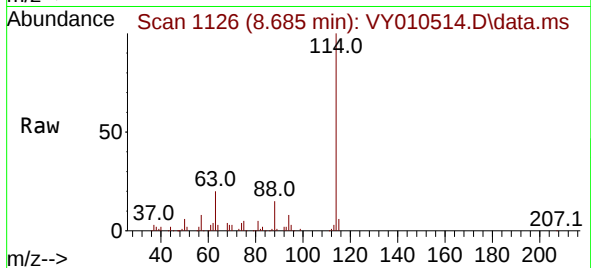




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010514.D
Acq: 15 Sep 2022 16:26

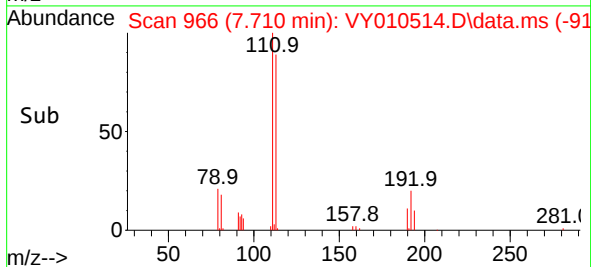
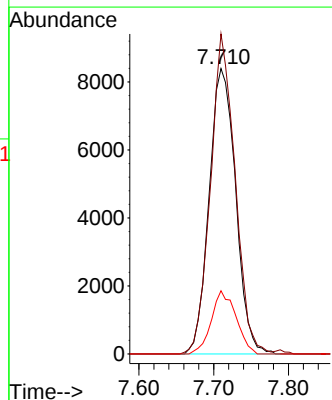
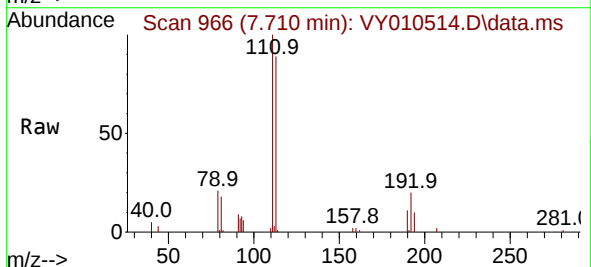
Instrument :
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ClientSampleId :
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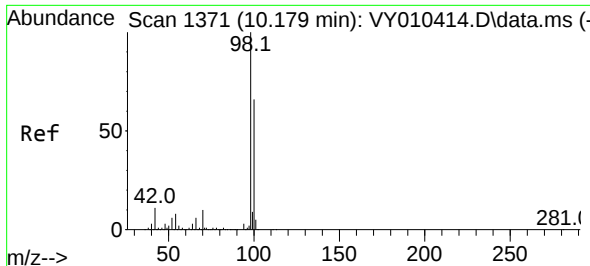
Tgt Ion:	114	Resp:	65586
Ion Ratio	Lower	Upper	
114	100		
63	19.9	0.0	43.2
88	15.0	0.0	31.8



#35
Dibromofluoromethane
Concen: 44.558 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010514.D
Acq: 15 Sep 2022 16:26

Tgt Ion:	113	Resp:	20755
Ion Ratio	Lower	Upper	
113	100		
111	104.0	82.6	124.0
192	20.6	17.6	26.4

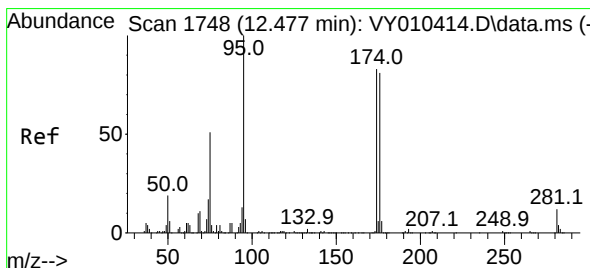
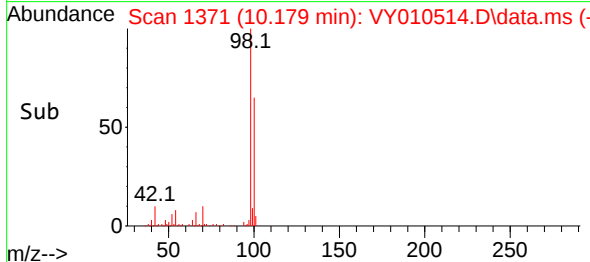
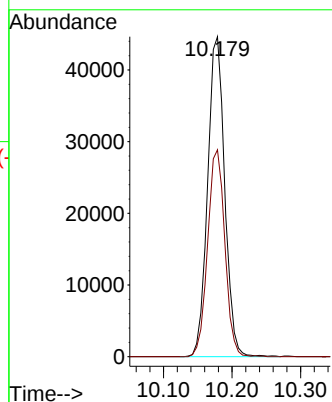
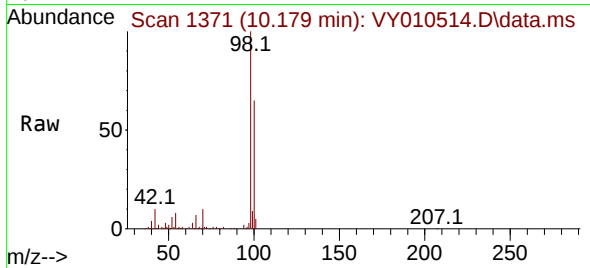




#50
Toluene-d8
Concen: 51.283 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010514.D
Acq: 15 Sep 2022 16:26

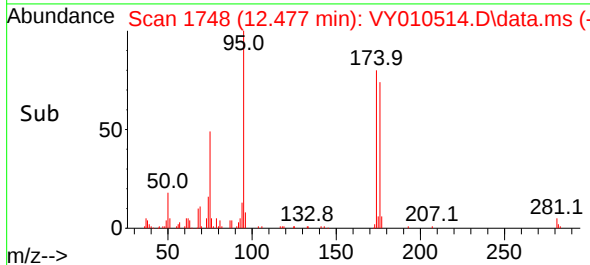
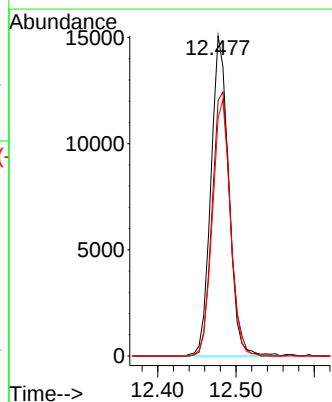
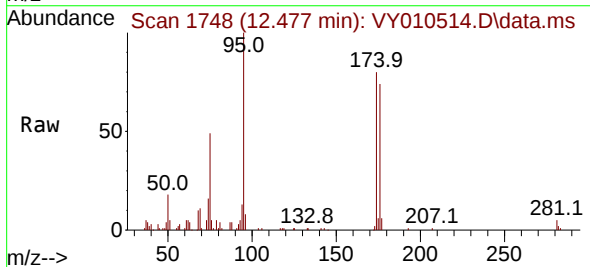
Instrument :
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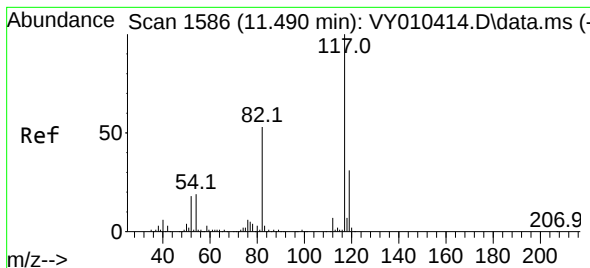
Tgt Ion: 98 Resp: 77417
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.146 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010514.D
Acq: 15 Sep 2022 16:26

Tgt Ion: 95 Resp: 23699
Ion Ratio Lower Upper
95 100
174 85.4 0.0 177.0
176 81.1 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY010514.D

Acq: 15 Sep 2022 16:26

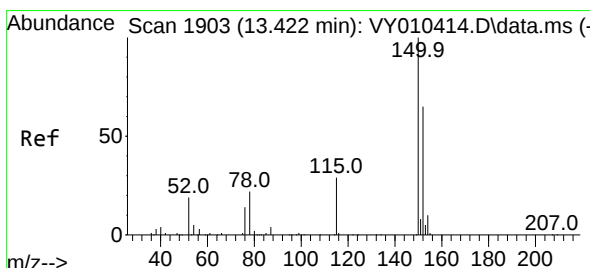
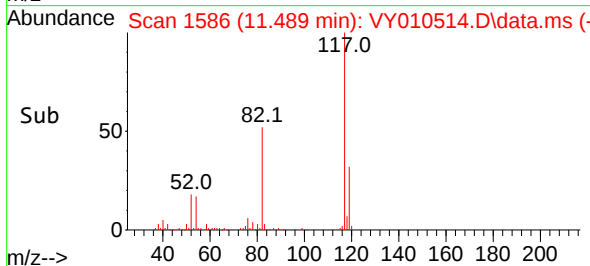
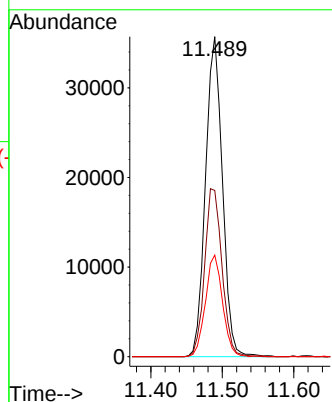
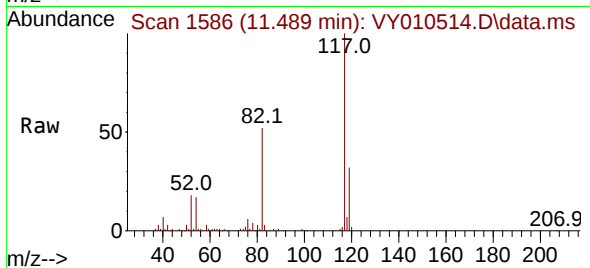
Instrument :

MSVOA_Y

ClientSampleId :

CL-01-091322

Tgt Ion:	117	Resp:	58744
Ion	Ratio	Lower	Upper
117	100		
82	52.0	43.0	64.4
119	31.8	25.4	38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY010514.D

Acq: 15 Sep 2022 16:26

Tgt Ion:	152	Resp:	24287
Ion	Ratio	Lower	Upper
152	100		
115	58.0	28.2	84.7
150	154.6	0.0	347.6

