

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090922\
 Data File : VY010435.D
 Acq On : 09 Sep 2022 22:03
 Operator : KP/MD
 Sample : N4520-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 600535069

Quant Time: Sep 12 03:01:24 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	188766	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	315169	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	295692	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	137507	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	104682	55.062	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.120%
35) Dibromofluoromethane	7.710	113	97843	43.712	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.420%
50) Toluene-d8	10.179	98	372709	51.377	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.760%
62) 4-Bromofluorobenzene	12.477	95	125610	42.797	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.600%

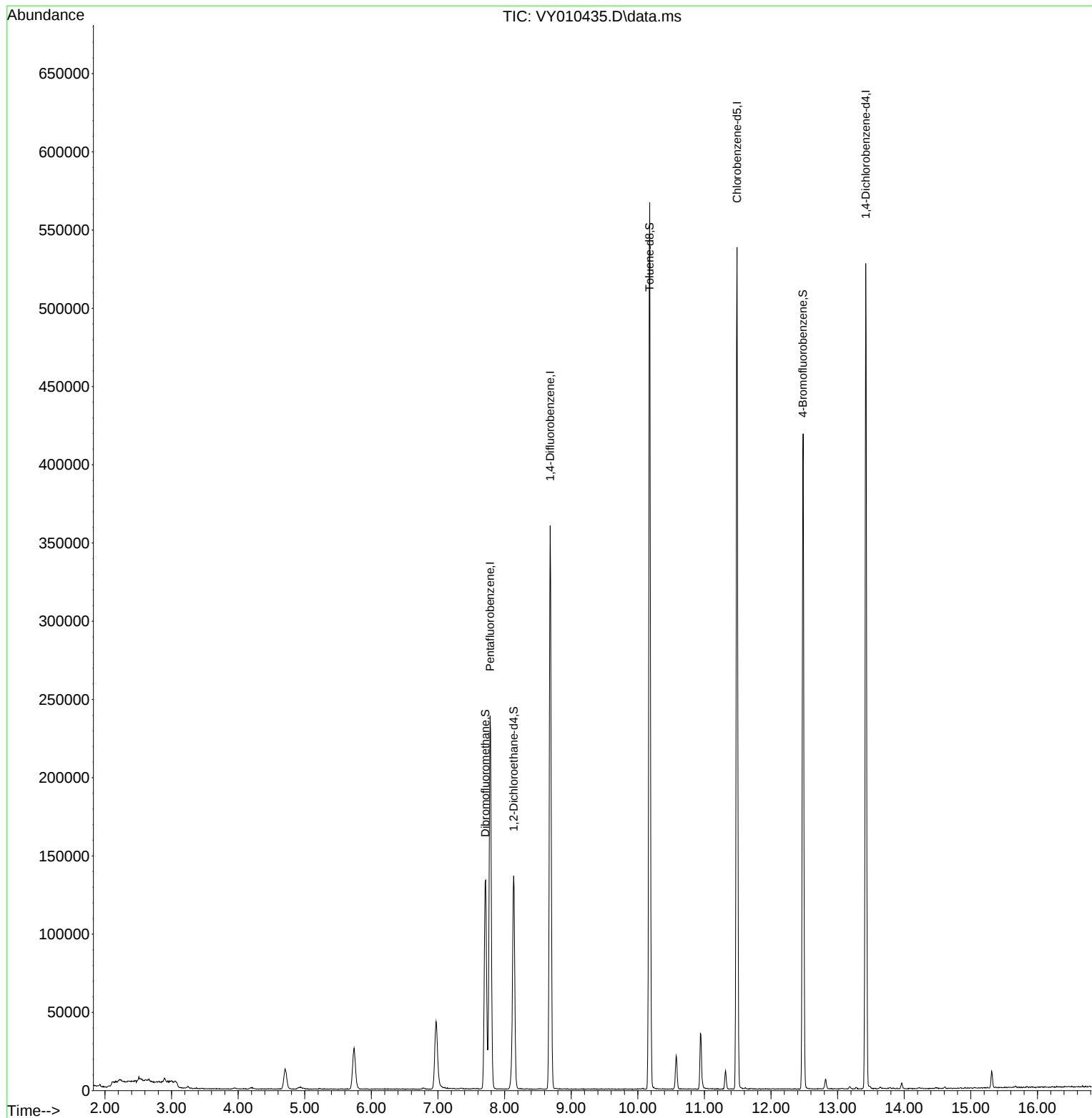
Target Compounds	Qvalue

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

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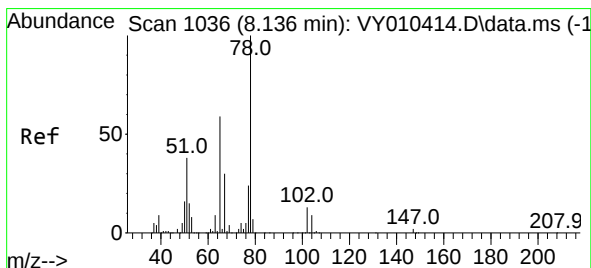
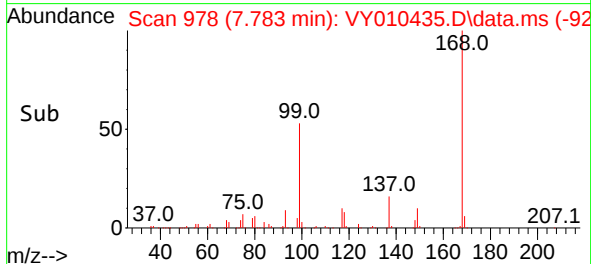
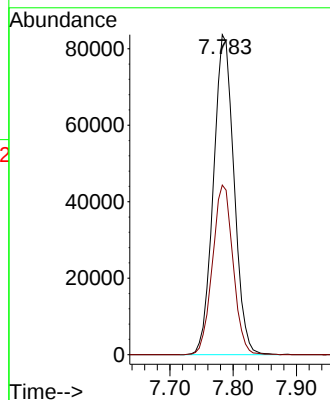
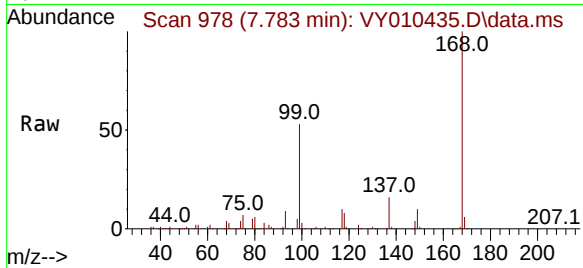




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010435.D
Acq: 09 Sep 2022 22:03

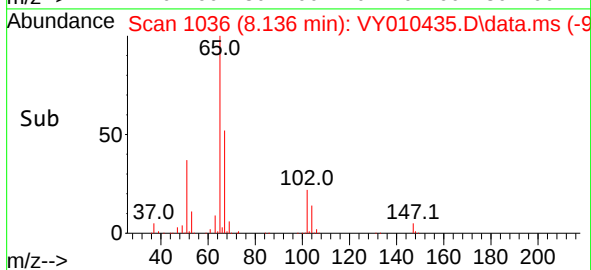
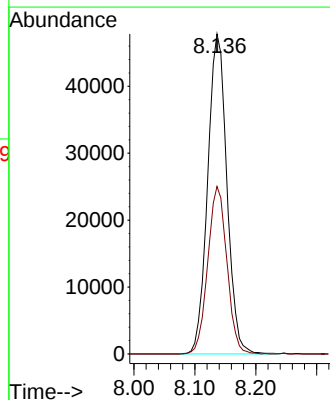
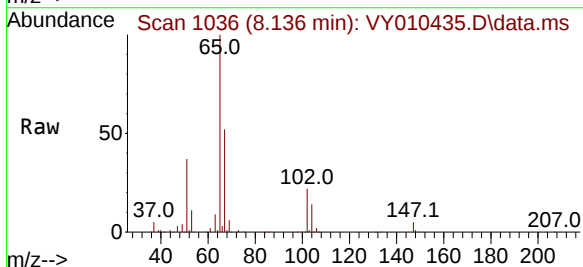
Instrument :
MSVOA_Y
ClientSampleId :
600535069

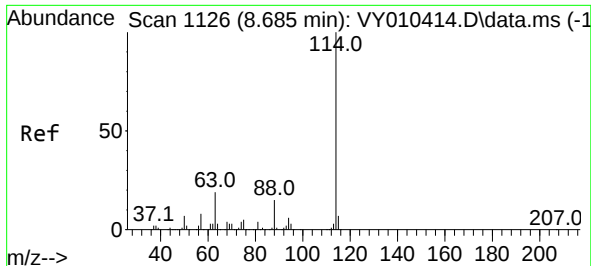
Tgt Ion:168 Resp: 188766
Ion Ratio Lower Upper
168 100
99 53.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 55.062 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010435.D
Acq: 09 Sep 2022 22:03

Tgt Ion: 65 Resp: 104682
Ion Ratio Lower Upper
65 100
67 52.1 0.0 99.4

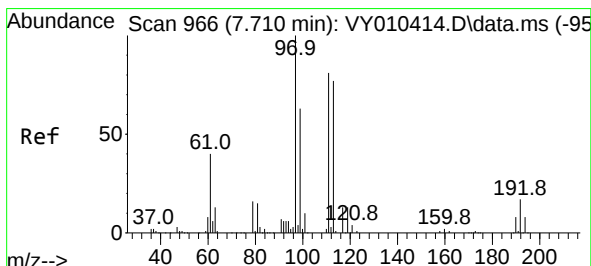
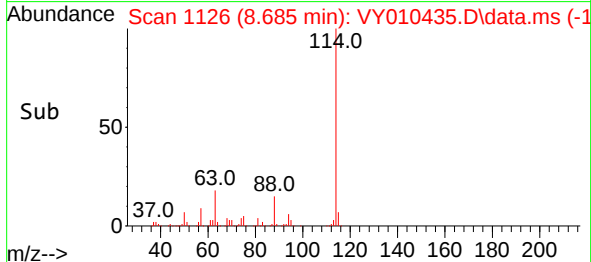
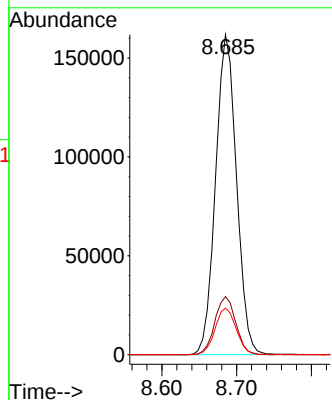
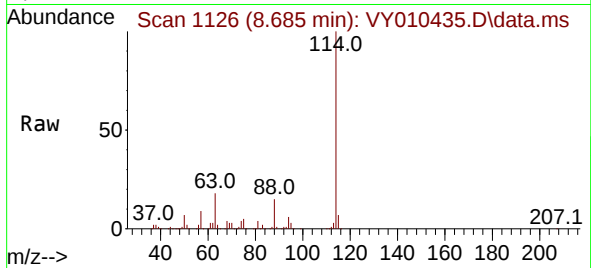




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010435.D
Acq: 09 Sep 2022 22:03

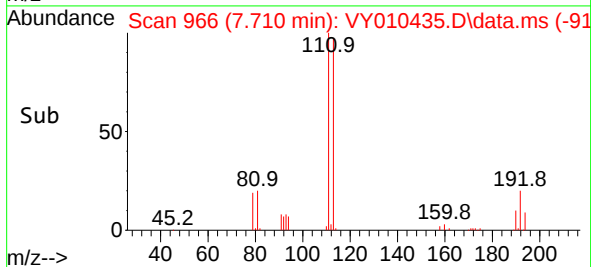
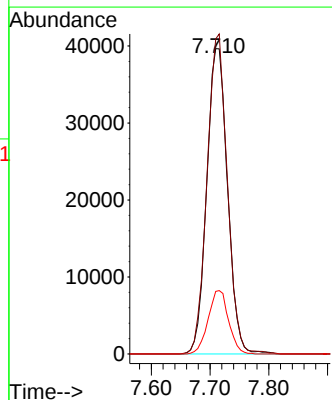
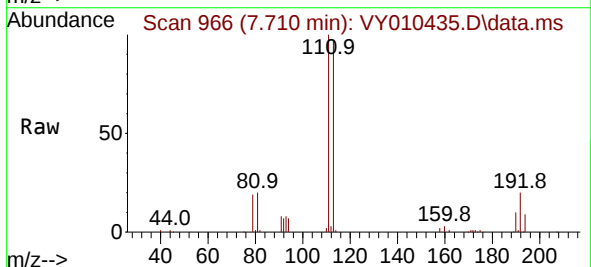
Instrument :
MSVOA_Y
ClientSampleId :
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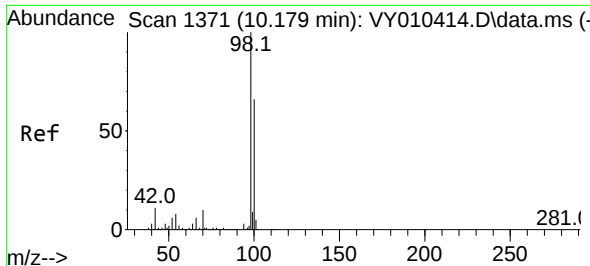
Tgt Ion:114 Resp: 315169
Ion Ratio Lower Upper
114 100
63 18.2 0.0 43.2
88 14.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 43.712 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010435.D
Acq: 09 Sep 2022 22:03

Tgt Ion:113 Resp: 97843
Ion Ratio Lower Upper
113 100
111 102.0 82.6 124.0
192 20.3 17.6 26.4

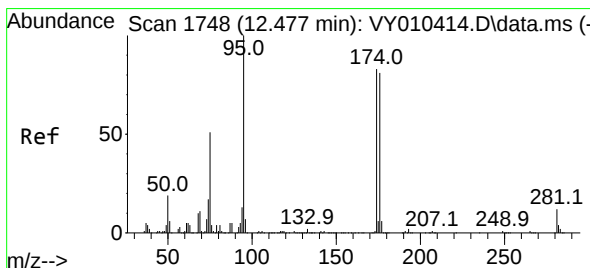
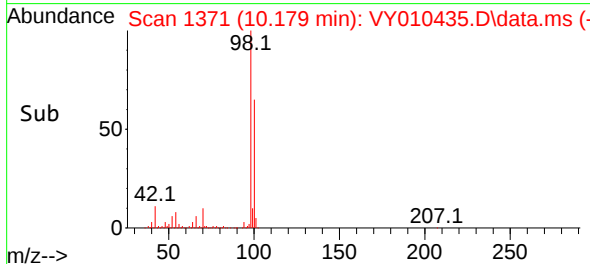
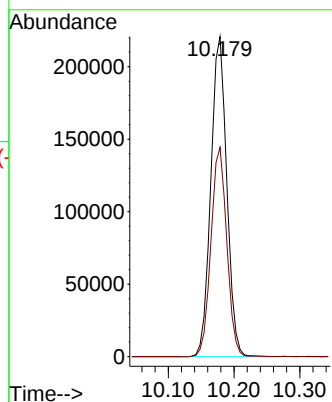
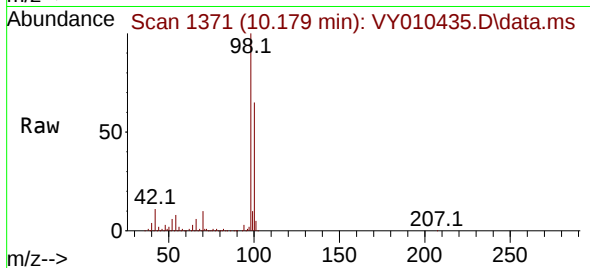




#50
Toluene-d8
Concen: 51.377 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010435.D
Acq: 09 Sep 2022 22:03

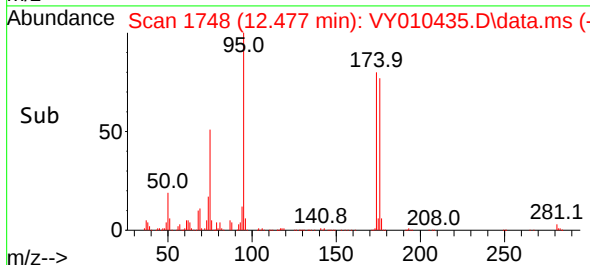
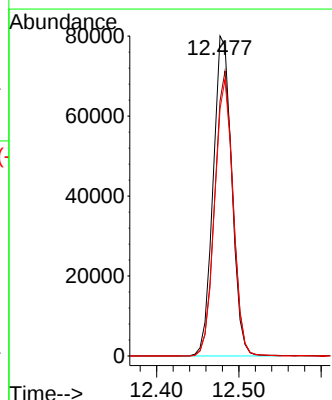
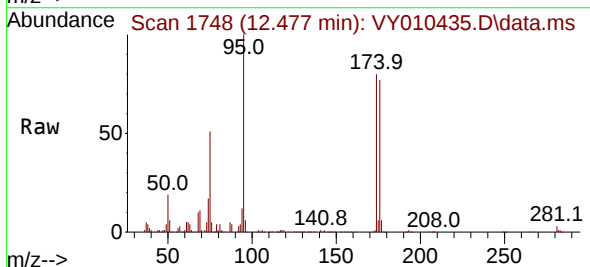
Instrument :
MSVOA_Y
ClientSampleId :
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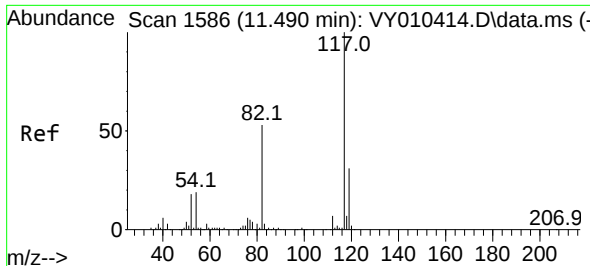
Tgt Ion: 98 Resp: 372709
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.797 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010435.D
Acq: 09 Sep 2022 22:03

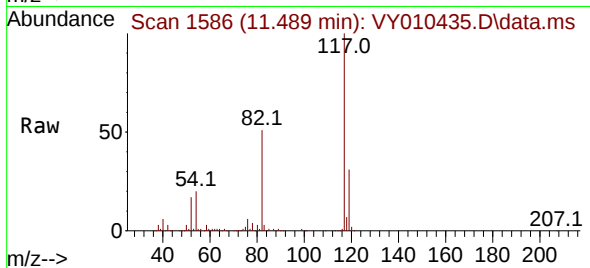
Tgt Ion: 95 Resp: 125610
Ion Ratio Lower Upper
95 100
174 87.8 0.0 177.0
176 85.5 0.0 175.8



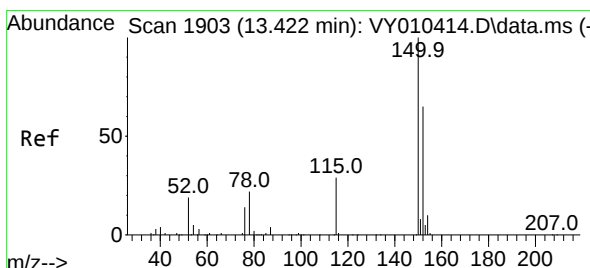
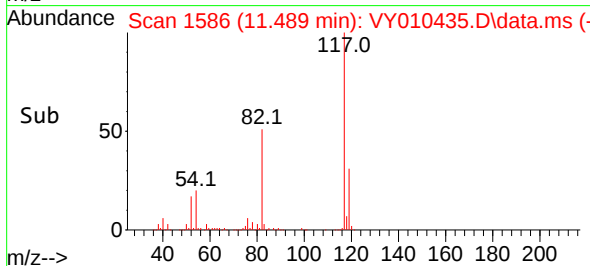
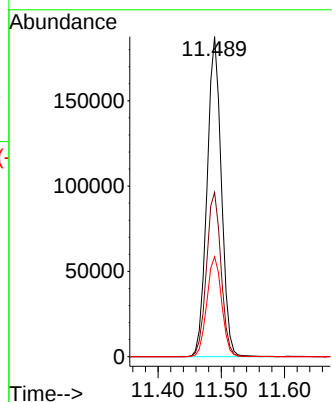


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010435.D
Acq: 09 Sep 2022 22:03

Instrument :
MSVOA_Y
ClientSampleId :
600535069



Tgt Ion:117 Resp: 295692
Ion Ratio Lower Upper
117 100
82 51.3 43.0 64.4
119 31.2 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: VY010435.D
Acq: 09 Sep 2022 22:03

Tgt Ion:152 Resp: 137507
Ion Ratio Lower Upper
152 100
115 57.3 28.2 84.7
150 157.4 0.0 347.6

