

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100322\
 Data File : VY010774.D
 Acq On : 03 Oct 2022 18:20
 Operator : KP/MD
 Sample : N4892-01
 Misc : 3.85g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOPSOIL-STORMWATER-DENALI

Quant Time: Oct 04 07:34:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	238503	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	397346	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	280736	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	76026	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	122107	50.509	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.020%
35) Dibromofluoromethane	7.716	113	120399	45.647	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.300%
50) Toluene-d8	10.179	98	415184	46.028	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.060%
62) 4-Bromofluorobenzene	12.477	95	90868	23.861	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	47.720%

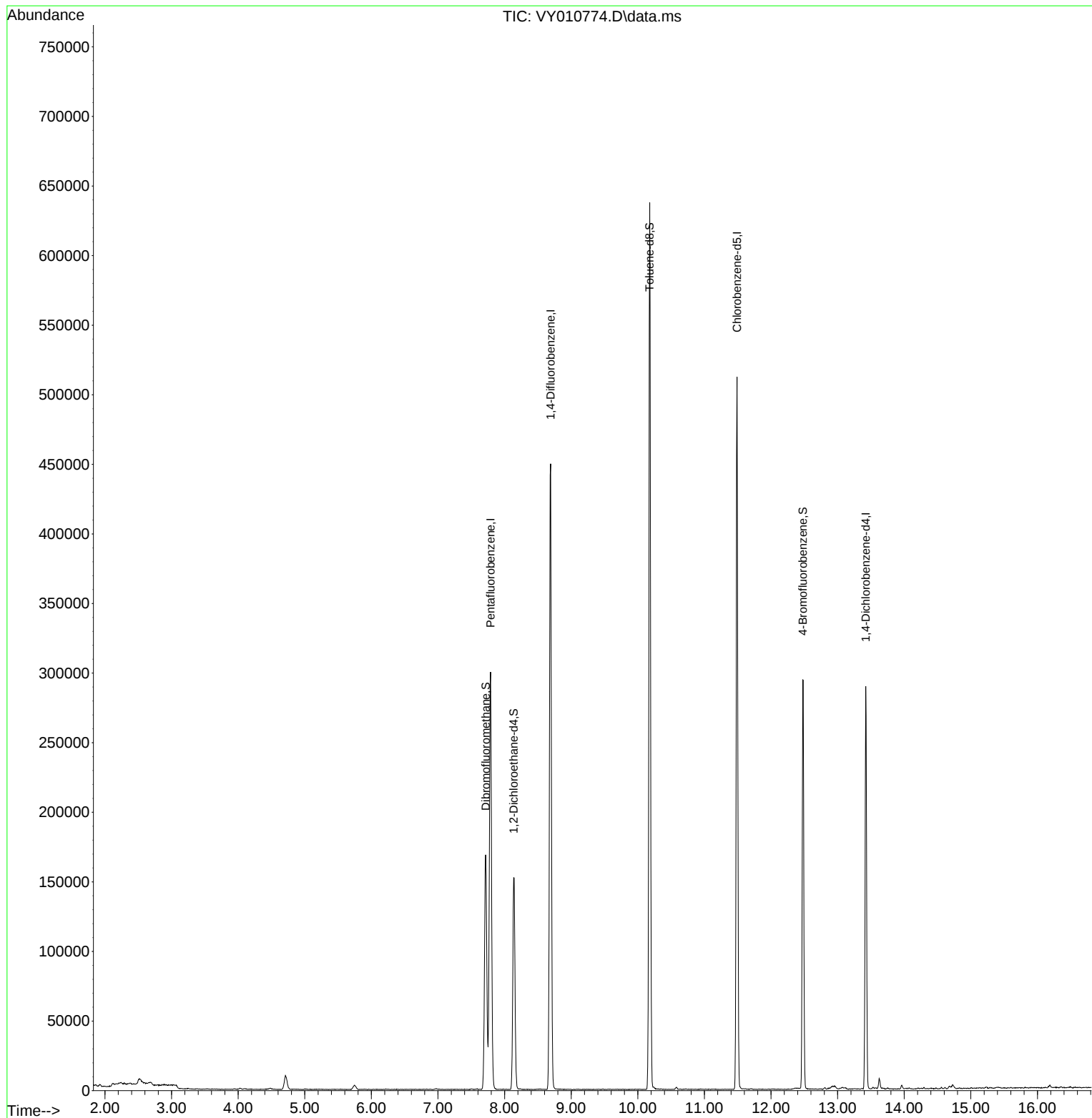
Target Compounds	Qvalue

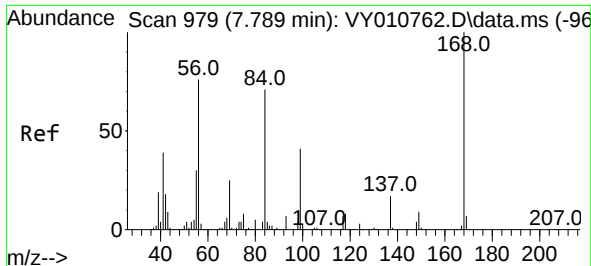
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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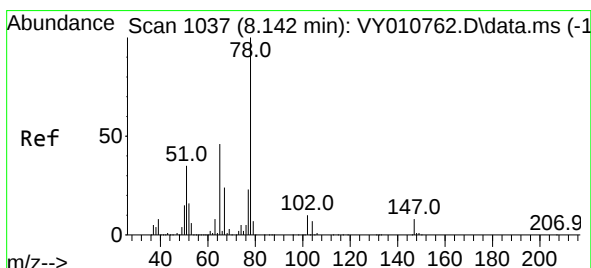
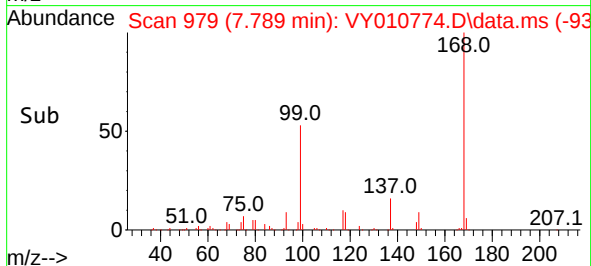
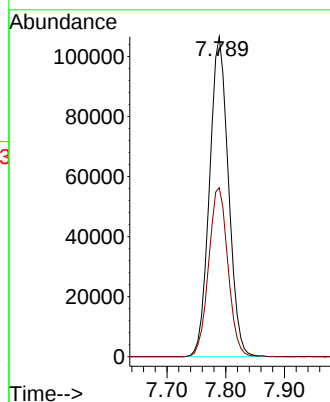
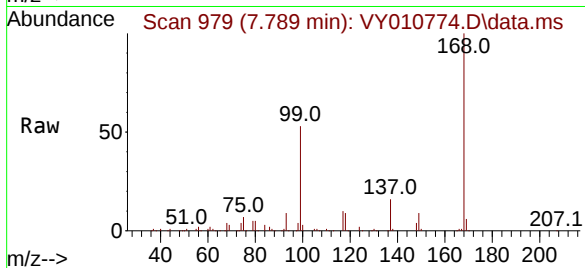




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY010774.D
Acq: 03 Oct 2022 18:20

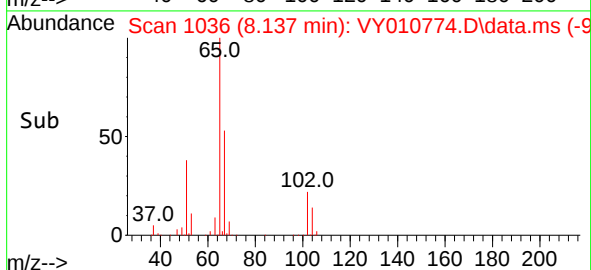
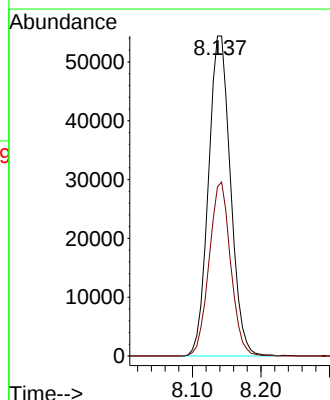
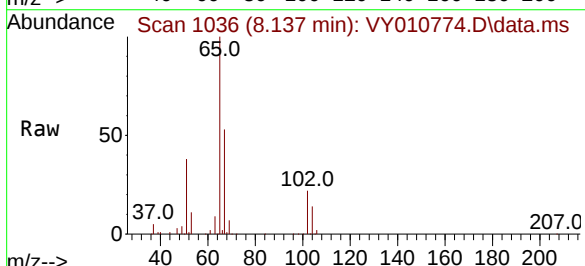
Instrument :
MSVOA_Y
ClientSampleId :
TOPSOIL-STORMWATER-DENALI

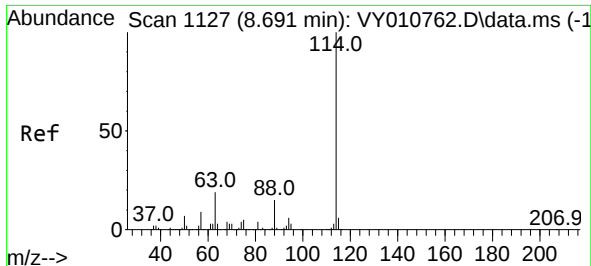
Tgt Ion:168 Resp: 238503
Ion Ratio Lower Upper
168 100
99 52.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 50.509 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY010774.D
Acq: 03 Oct 2022 18:20

Tgt Ion: 65 Resp: 122107
Ion Ratio Lower Upper
65 100
67 52.9 0.0 99.4

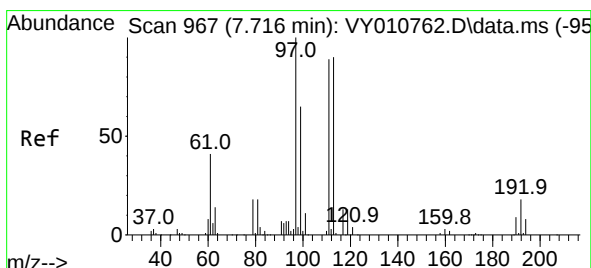
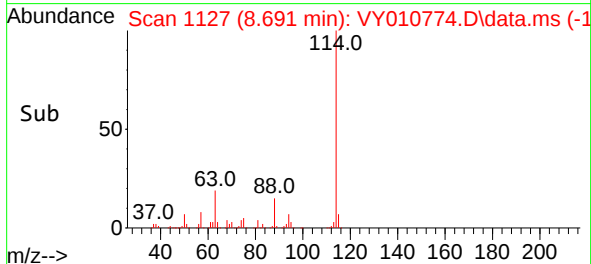
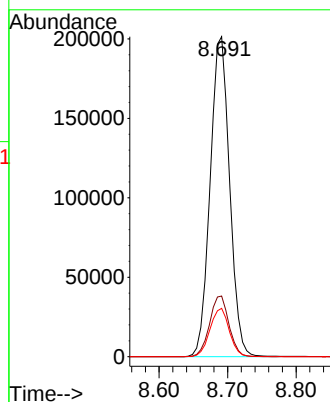
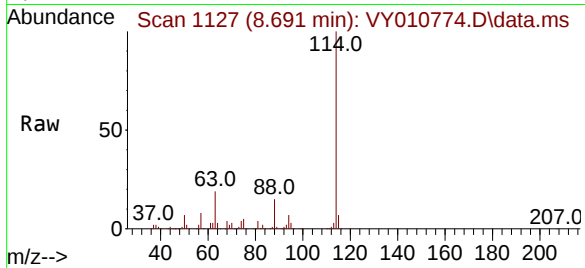




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY010774.D
Acq: 03 Oct 2022 18:20

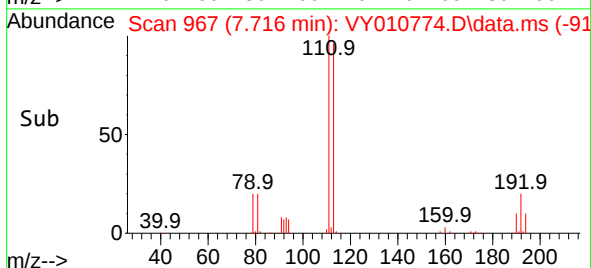
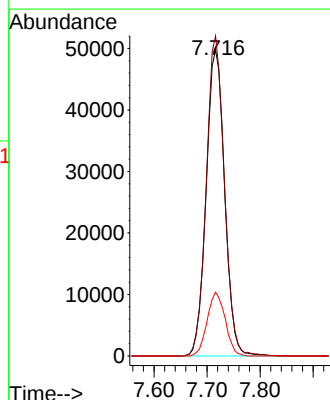
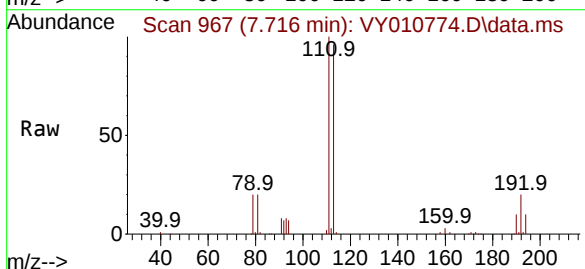
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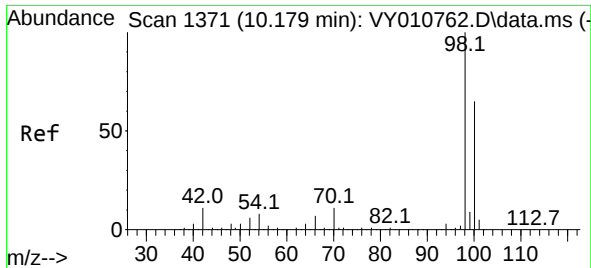
Tgt Ion:	114	Resp:	397346
Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	43.2
88	15.1	0.0	31.8



#35
Dibromofluoromethane
Concen: 45.647 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY010774.D
Acq: 03 Oct 2022 18:20

Tgt Ion:	113	Resp:	120399
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.6	124.0
192	20.3	17.6	26.4

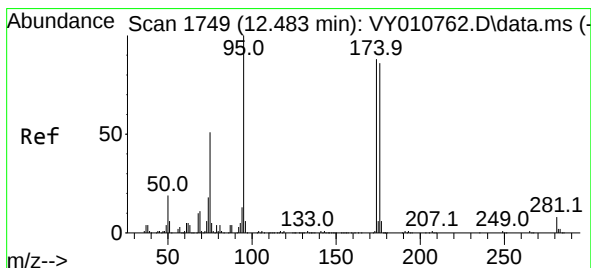
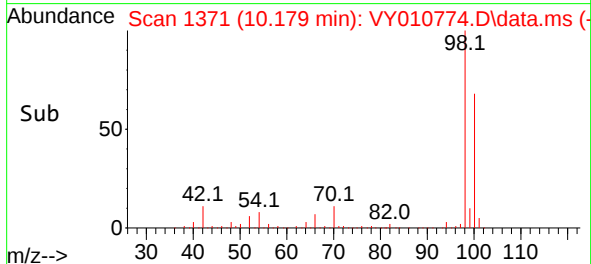
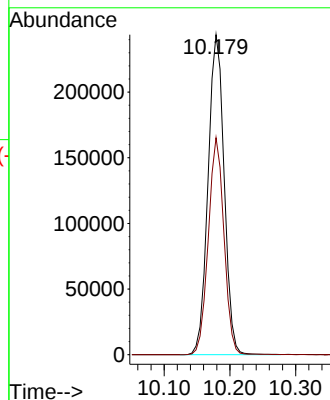
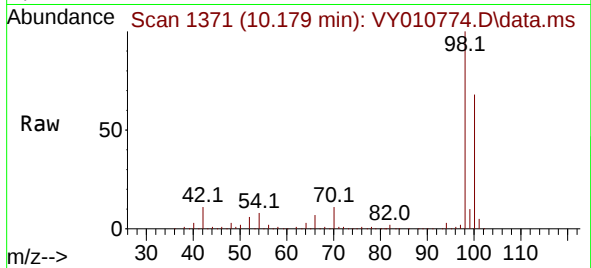




#50
Toluene-d8
Concen: 46.028 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010774.D
Acq: 03 Oct 2022 18:20

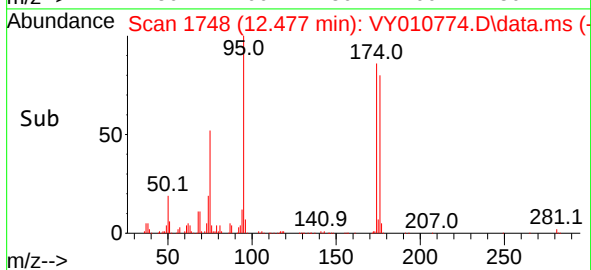
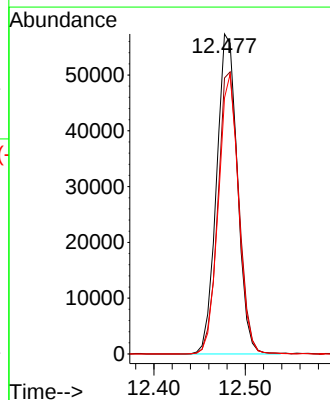
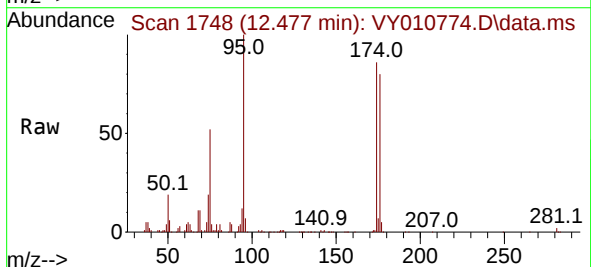
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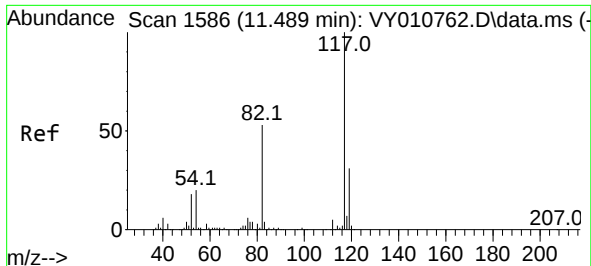
Tgt Ion: 98 Resp: 415184
Ion Ratio Lower Upper
98 100
100 66.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 23.861 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010774.D
Acq: 03 Oct 2022 18:20

Tgt Ion: 95 Resp: 90868
Ion Ratio Lower Upper
95 100
174 88.7 0.0 177.0
176 84.8 0.0 175.8

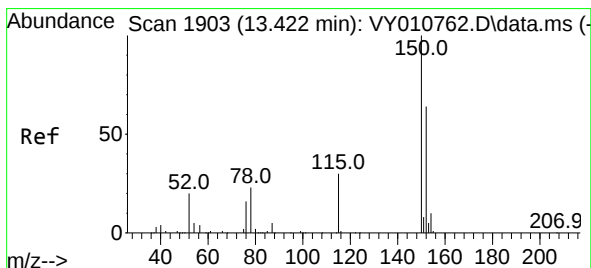
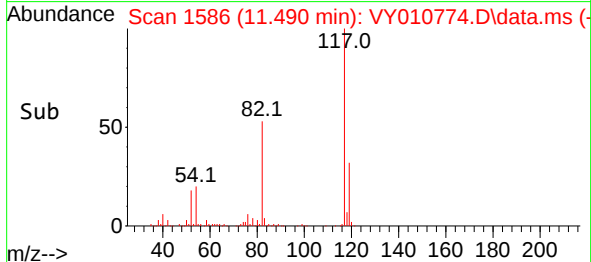
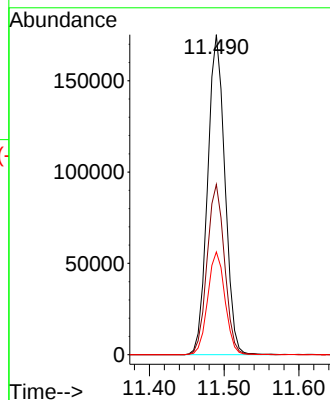
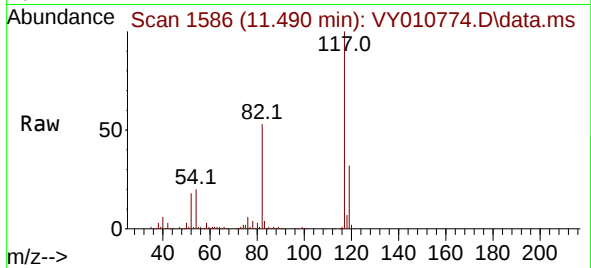




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY010774.D
Acq: 03 Oct 2022 18:20

Instrument :
MSVOA_Y
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Tgt Ion:	117	Resp:	280736
Ion	Ratio	Lower	Upper
117	100		
82	53.2	43.0	64.4
119	32.1	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: VY010774.D
Acq: 03 Oct 2022 18:20

Tgt Ion:	152	Resp:	76026
Ion	Ratio	Lower	Upper
152	100		
115	57.1	28.2	84.7
150	156.6	0.0	347.6

