

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091522\
 Data File : VY010512.D
 Acq On : 15 Sep 2022 15:39
 Operator : KP/MD
 Sample : N4634-04
 Misc : 5.68g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-2

Quant Time: Sep 16 02:56:17 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)

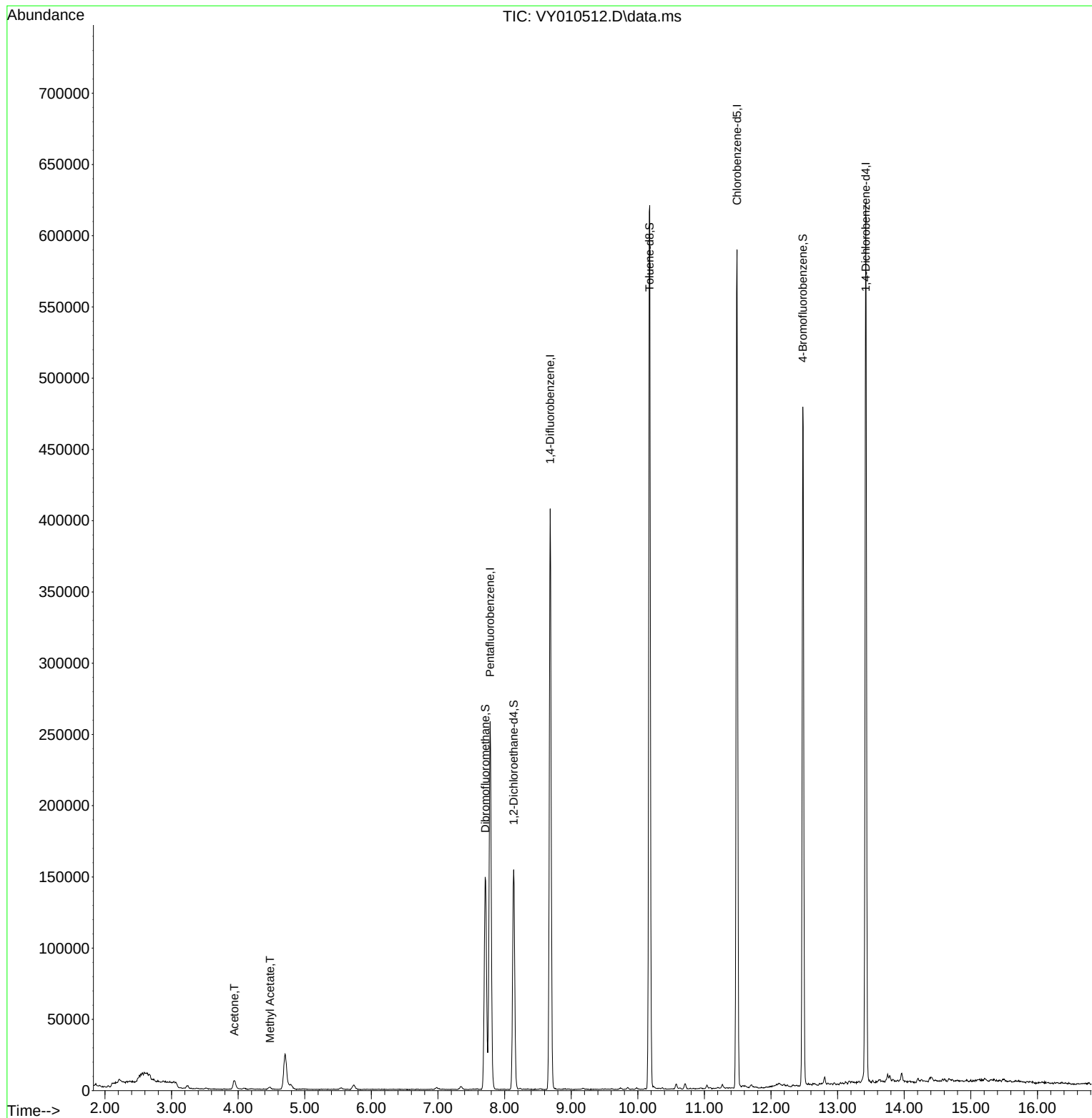
Internal Standards						
1) Pentafluorobenzene	7.783	168	204100	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	349402	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	331925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	157364	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	121165	58.943	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.880%
35) Dibromofluoromethane	7.710	113	108735	43.819	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.640%
50) Toluene-d8	10.179	98	416423	51.779	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.560%
62) 4-Bromofluorobenzene	12.477	95	147715	45.824	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.640%
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	11671	24.740	ug/l	90
18) Methyl Acetate	4.479	43	2881	1.985	ug/l	93

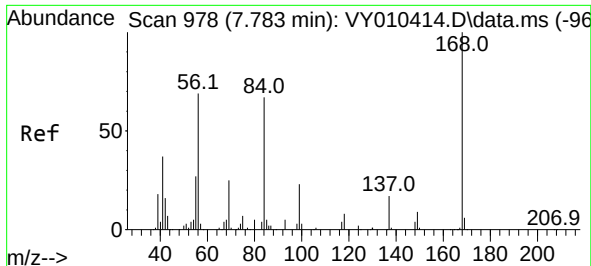
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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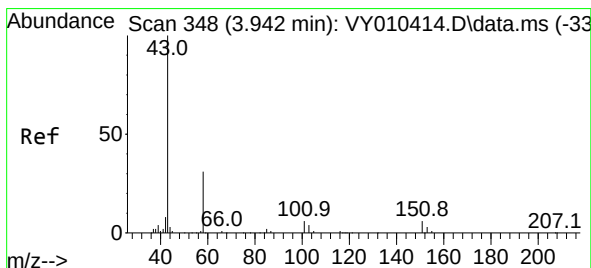
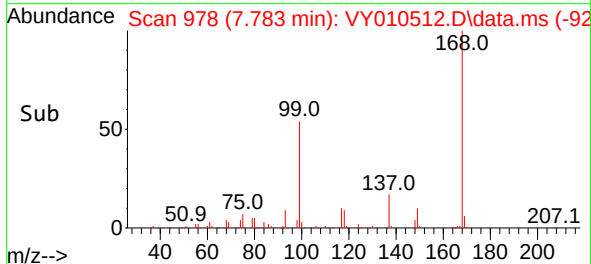
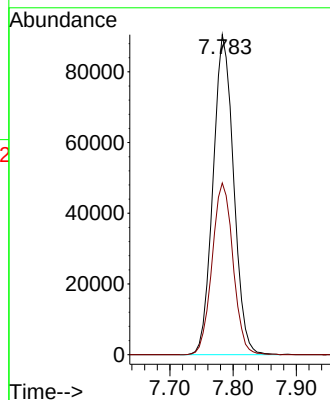
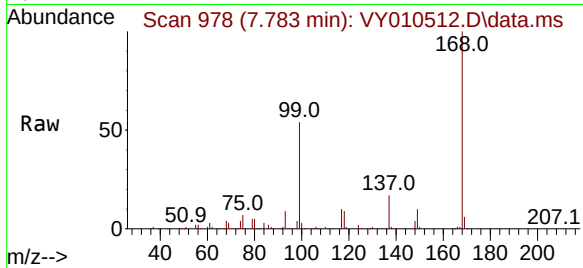




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010512.D
Acq: 15 Sep 2022 15:39

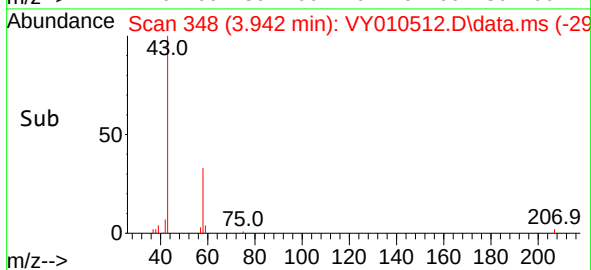
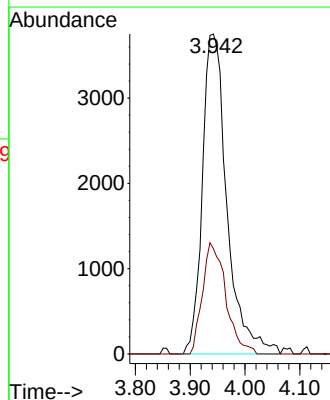
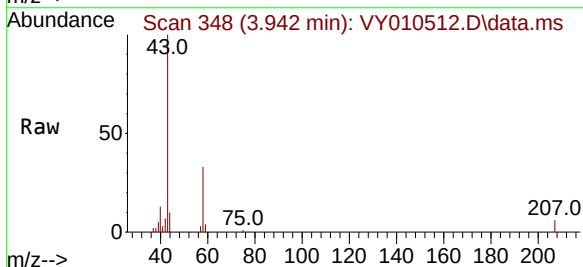
Instrument :
MSVOA_Y
ClientSampleId :
WC-2

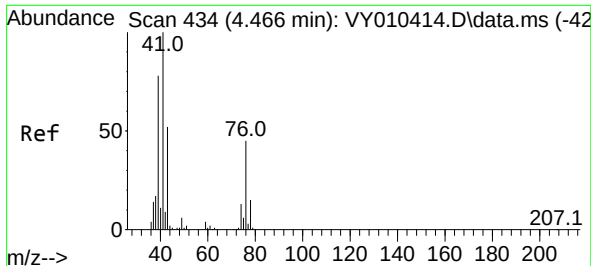
Tgt Ion:168 Resp: 204100
Ion Ratio Lower Upper
168 100
99 53.7 46.9 70.3



#16
Acetone
Concen: 24.740 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010512.D
Acq: 15 Sep 2022 15:39

Tgt Ion: 43 Resp: 11671
Ion Ratio Lower Upper
43 100
58 32.9 22.0 33.0

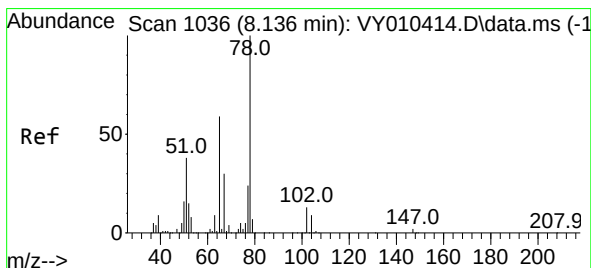
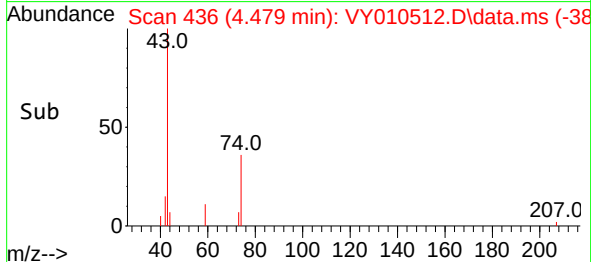
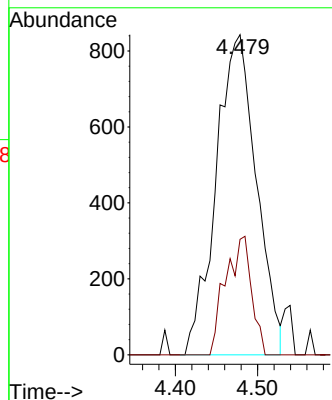
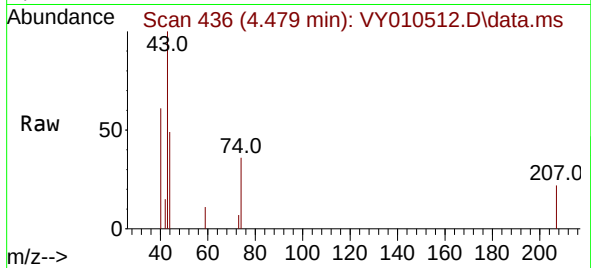




#18
Methyl Acetate
Concen: 1.985 ug/l
RT: 4.479 min Scan# 41
Delta R.T. 0.013 min
Lab File: VY010512.D
Acq: 15 Sep 2022 15:39

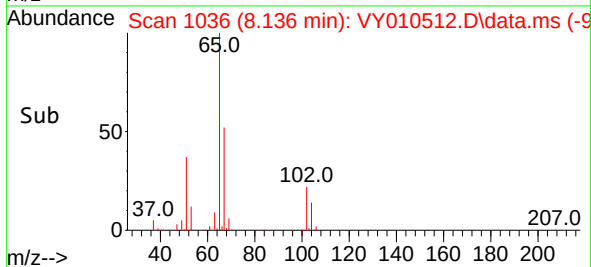
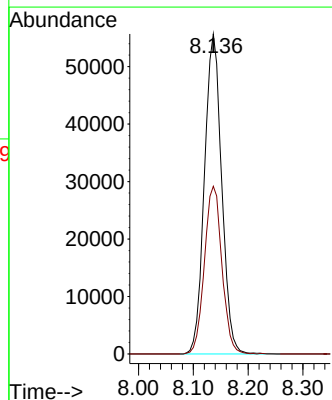
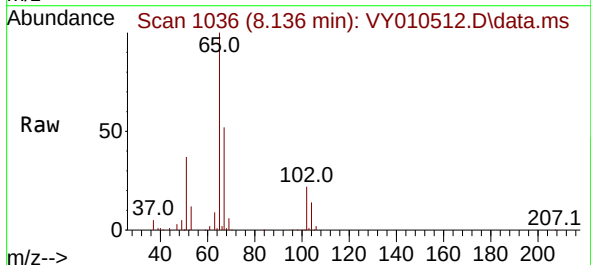
Instrument :
MSVOA_Y
ClientSampleId :
WC-2

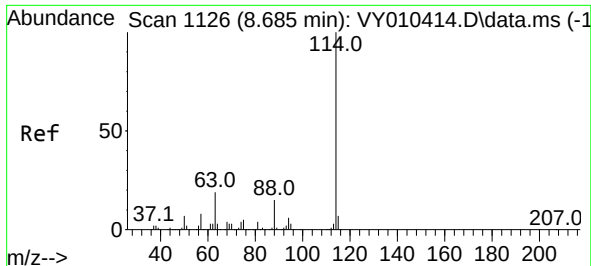
Tgt Ion: 43 Resp: 2881
Ion Ratio Lower Upper
43 100
74 23.7 16.6 24.8



#33
1,2-Dichloroethane-d4
Concen: 58.943 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY010512.D
Acq: 15 Sep 2022 15:39

Tgt Ion: 65 Resp: 121165
Ion Ratio Lower Upper
65 100
67 53.2 0.0 99.4

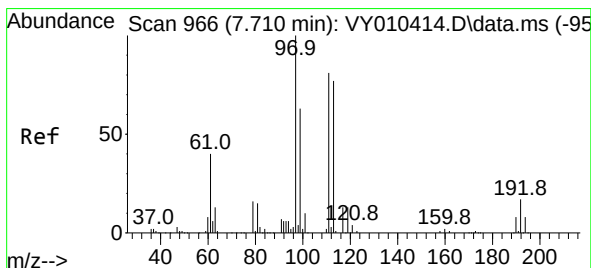
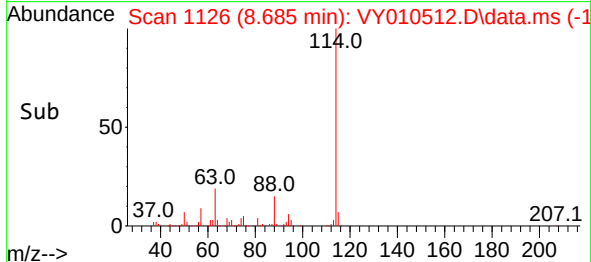
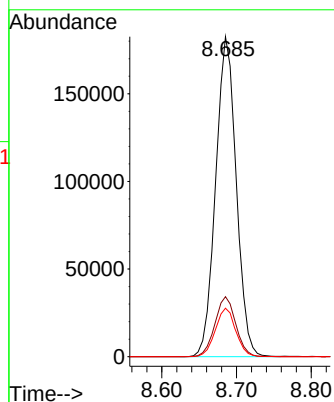
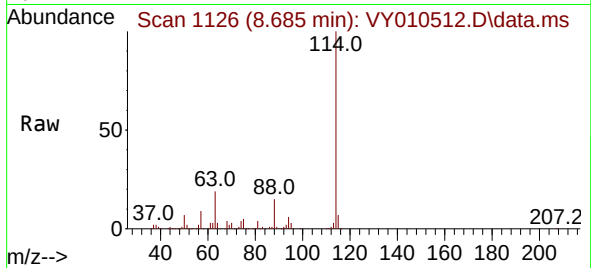




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010512.D
Acq: 15 Sep 2022 15:39

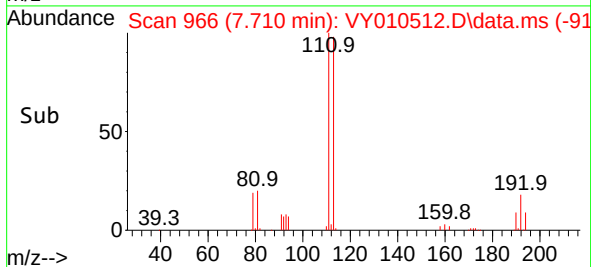
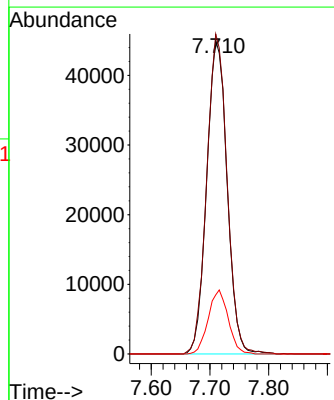
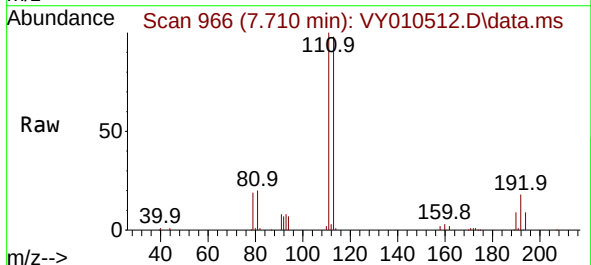
Instrument :
MSVOA_Y
ClientSampleId :
WC-2

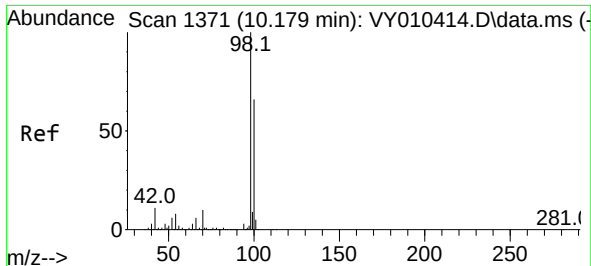
Tgt Ion:114 Resp: 349402
Ion Ratio Lower Upper
114 100
63 18.8 0.0 43.2
88 15.2 0.0 31.8



#35
Dibromofluoromethane
Concen: 43.819 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010512.D
Acq: 15 Sep 2022 15:39

Tgt Ion:113 Resp: 108735
Ion Ratio Lower Upper
113 100
111 101.8 82.6 124.0
192 19.9 17.6 26.4

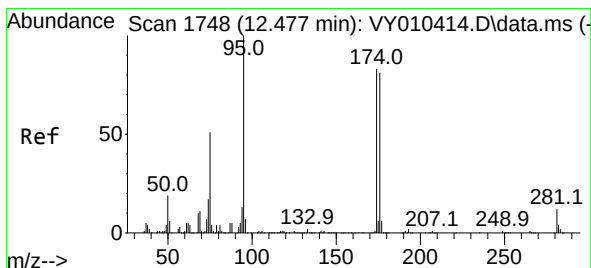
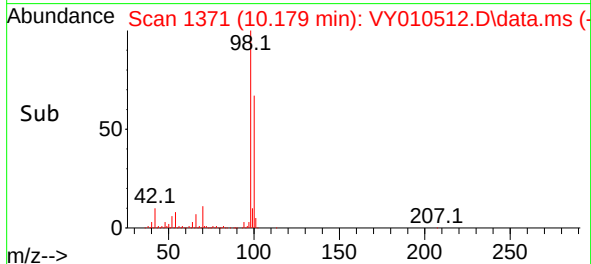
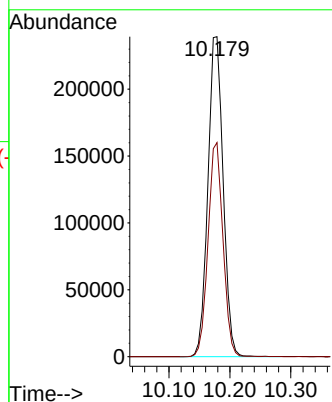
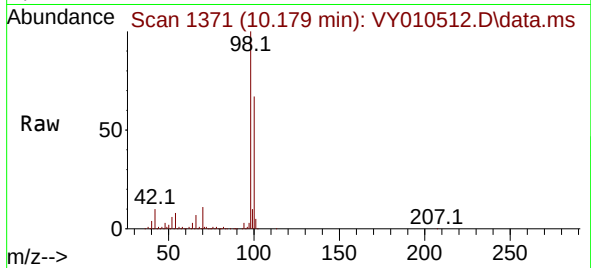




#50
Toluene-d8
Concen: 51.779 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010512.D
Acq: 15 Sep 2022 15:39

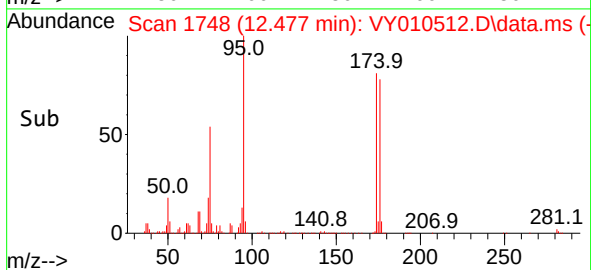
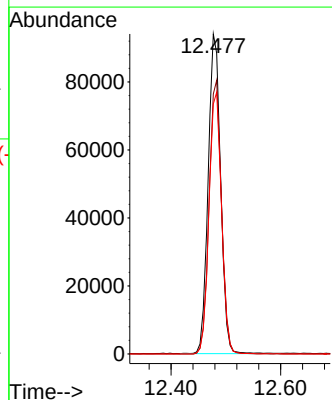
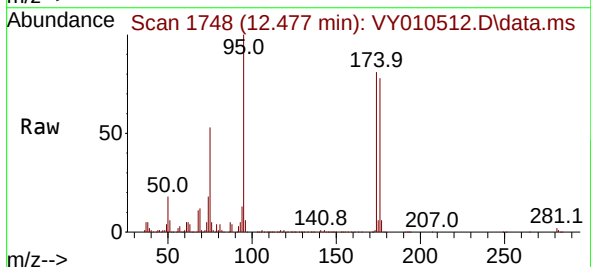
Instrument :
MSVOA_Y
ClientSampleId :
WC-2

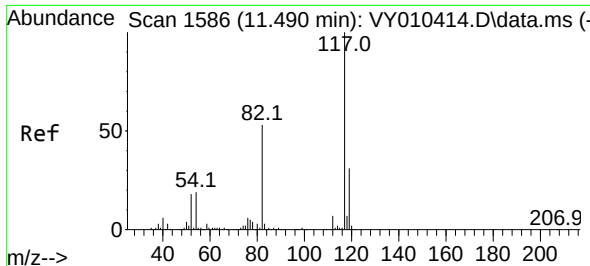
Tgt Ion: 98 Resp: 416423
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.824 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010512.D
Acq: 15 Sep 2022 15:39

Tgt Ion: 95 Resp: 147715
Ion Ratio Lower Upper
95 100
174 85.1 0.0 177.0
176 82.2 0.0 175.8

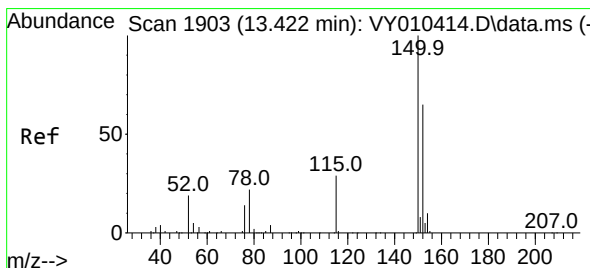
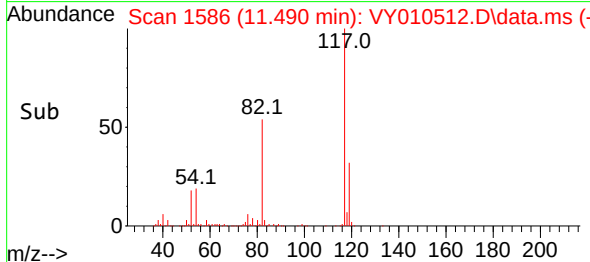
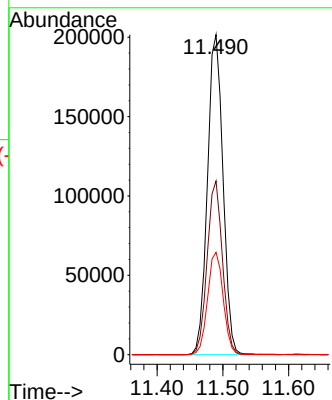
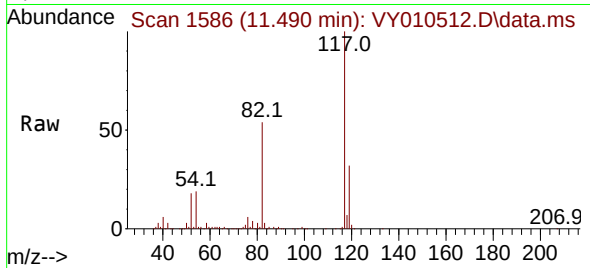




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010512.D
Acq: 15 Sep 2022 15:39

Instrument :
MSVOA_Y
ClientSampleId :
WC-2

Tgt Ion:117 Resp: 331925
Ion Ratio Lower Upper
117 100
82 54.3 43.0 64.4
119 32.0 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: VY010512.D
Acq: 15 Sep 2022 15:39

Tgt Ion:152 Resp: 157364
Ion Ratio Lower Upper
152 100
115 58.5 28.2 84.7
150 157.4 0.0 347.6

