

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091522\
 Data File : VY010515.D
 Acq On : 15 Sep 2022 16:49
 Operator : KP/MD
 Sample : N4597-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-7.5-8.0

Quant Time: Sep 16 02:56:45 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)

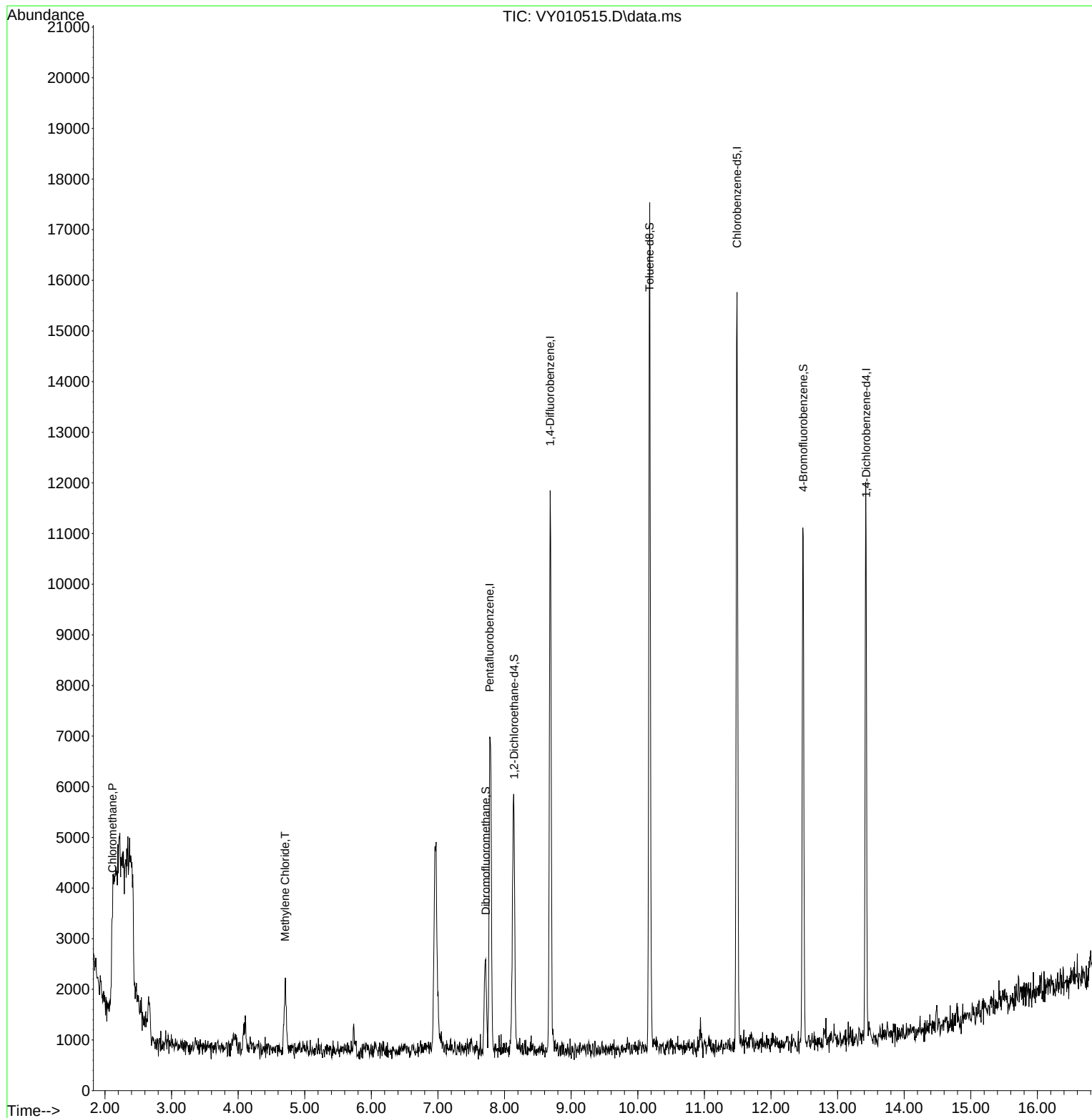
Internal Standards						
1) Pentafluorobenzene	7.777	168	5680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	9347	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	8959	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3043	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	3711	64.870	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.740%	
35) Dibromofluoromethane	7.716	113	1522	22.928	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 45.860%#	
50) Toluene-d8	10.179	98	10925	50.780	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.560%	
62) 4-Bromofluorobenzene	12.483	95	3406	38.528	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 77.060%	
Target Compounds						
						Qvalue
3) Chloromethane	2.113	50	352	5.516	ug/l #	88
20) Methylene Chloride	4.704	84	884	8.156	ug/l #	77

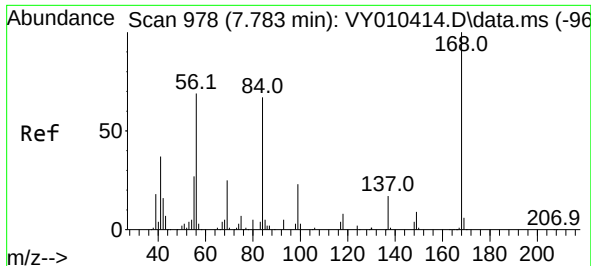
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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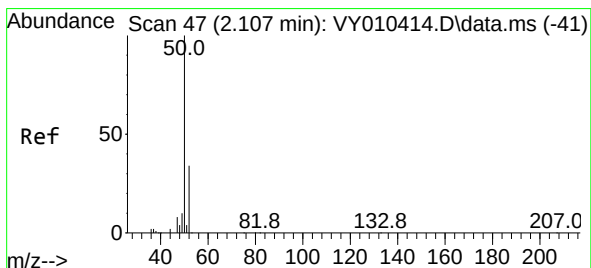
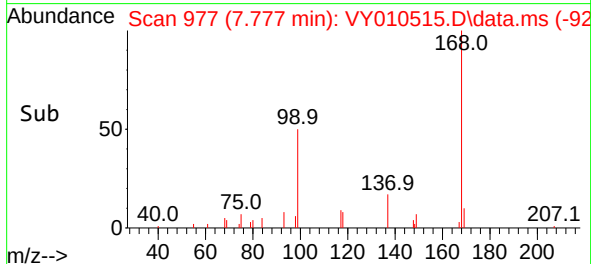
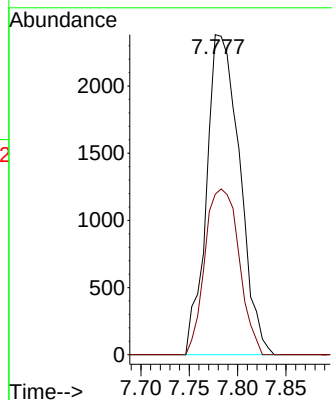
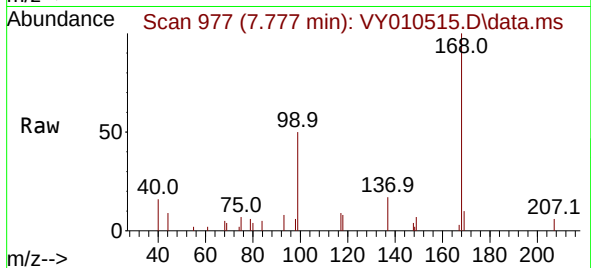




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY010515.D
Acq: 15 Sep 2022 16:49

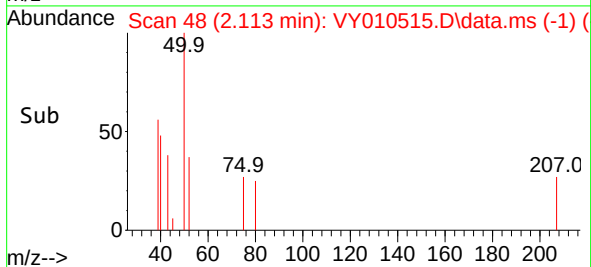
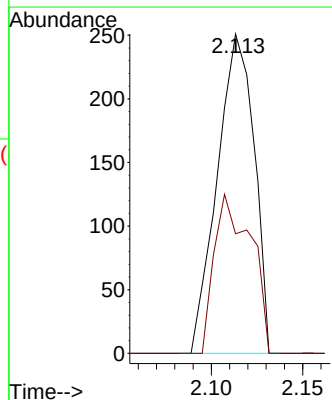
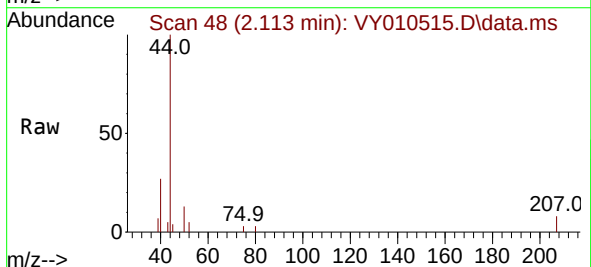
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-7.5-8.0

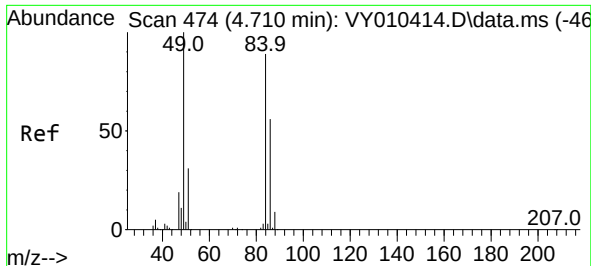
Tgt Ion:168 Resp: 5680
Ion Ratio Lower Upper
168 100
99 50.2 46.9 70.3



#3
Chloromethane
Concen: 5.516 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.006 min
Lab File: VY010515.D
Acq: 15 Sep 2022 16:49

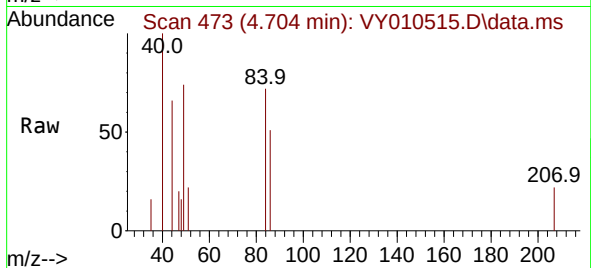
Tgt Ion: 50 Resp: 352
Ion Ratio Lower Upper
50 100
52 37.5 24.6 37.0#





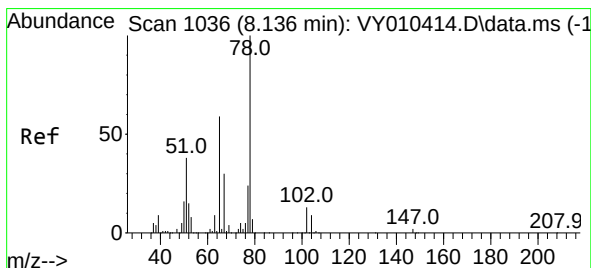
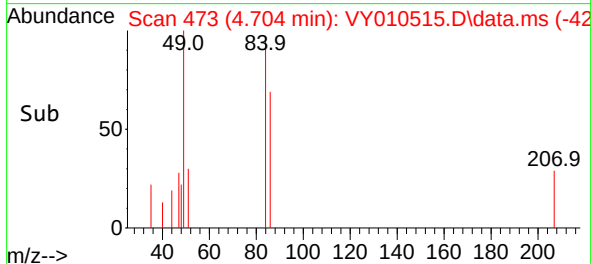
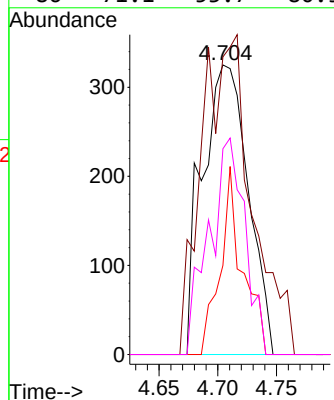
#20
Methylene Chloride
Concen: 8.156 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010515.D
Acq: 15 Sep 2022 16:49

Instrument :
MSVOA_Y
ClientSampleId :
SB-01-7.5-8.0



Tgt Ion: 84 Resp: 884

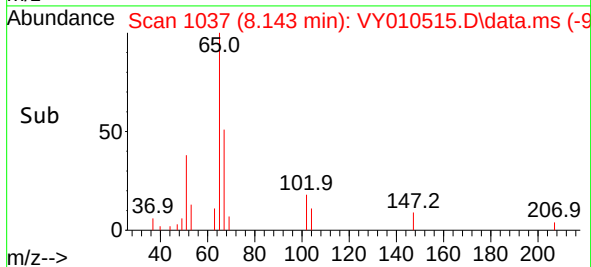
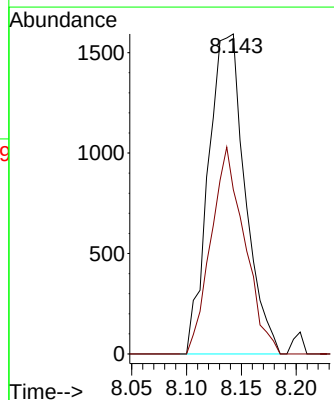
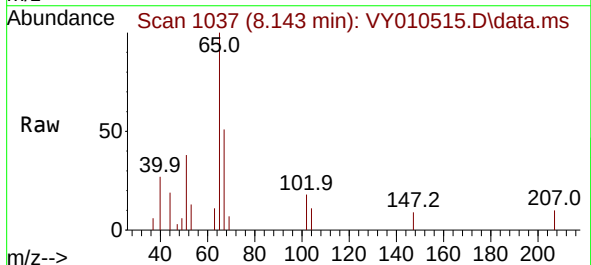
Ion	Ratio	Lower	Upper
84	100		
49	102.8	114.4	171.6#
51	30.8	35.3	52.9#
86	71.1	53.7	80.5

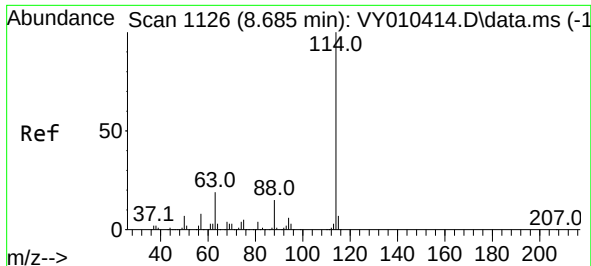


#33
1,2-Dichloroethane-d4
Concen: 64.870 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY010515.D
Acq: 15 Sep 2022 16:49

Tgt Ion: 65 Resp: 3711

Ion	Ratio	Lower	Upper
65	100		
67	59.3	0.0	99.4

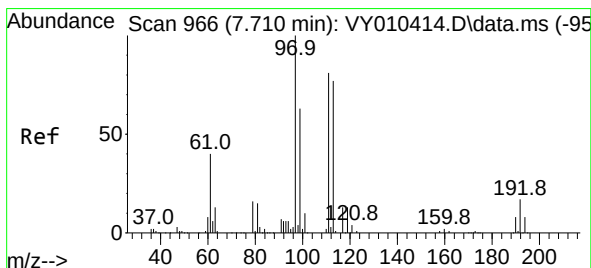
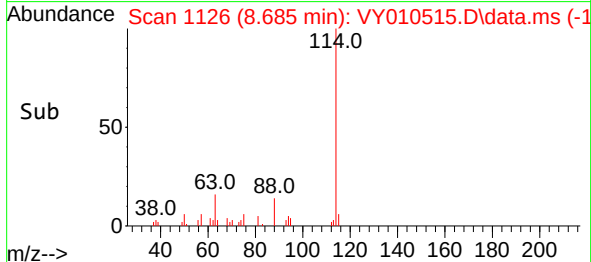
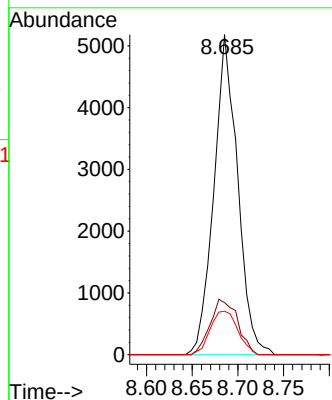
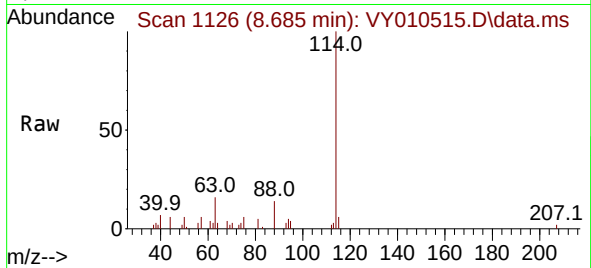




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010515.D
Acq: 15 Sep 2022 16:49

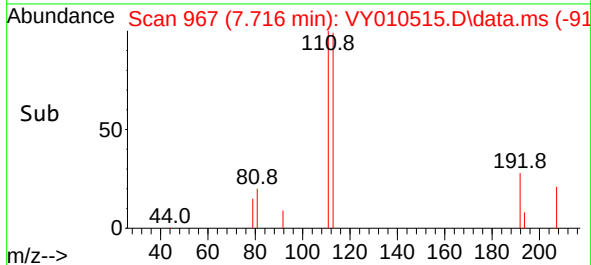
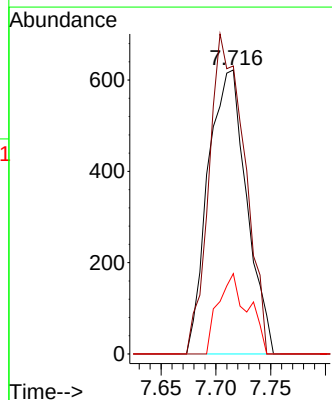
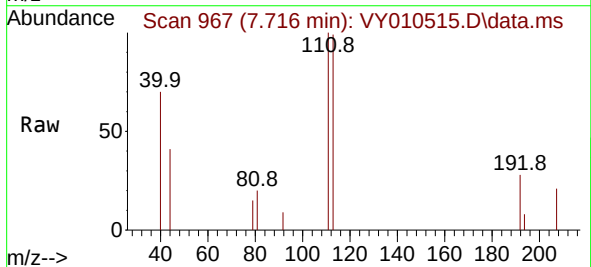
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-7.5-8.0

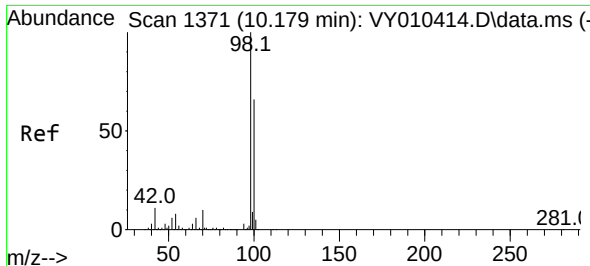
Tgt Ion:	114	Resp:	9347
Ion	Ratio	Lower	Upper
114	100		
63	16.3	0.0	43.2
88	13.6	0.0	31.8



#35
Dibromofluoromethane
Concen: 22.928 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY010515.D
Acq: 15 Sep 2022 16:49

Tgt Ion:	113	Resp:	1522
Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.6	124.0
192	21.9	17.6	26.4

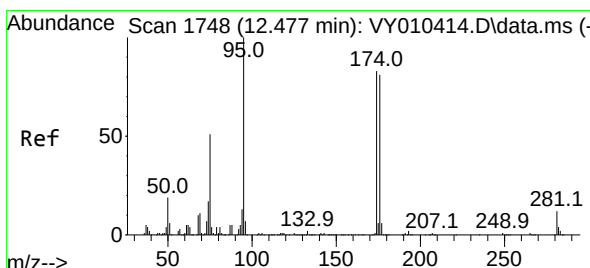
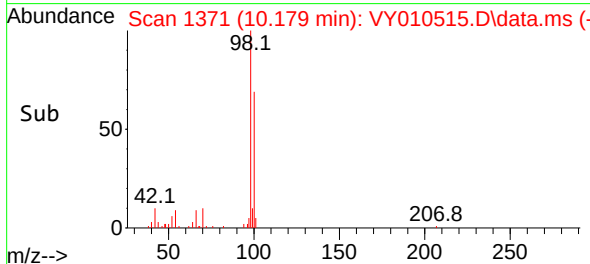
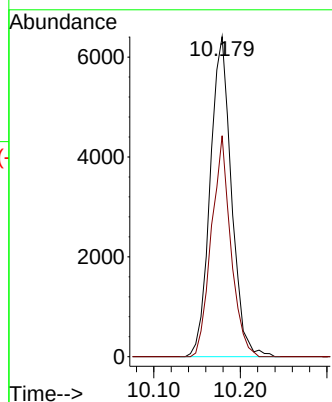
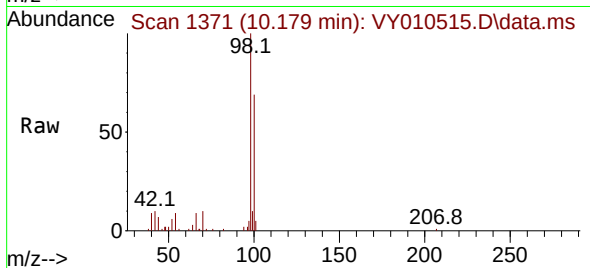




#50
Toluene-d8
Concen: 50.780 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010515.D
Acq: 15 Sep 2022 16:49

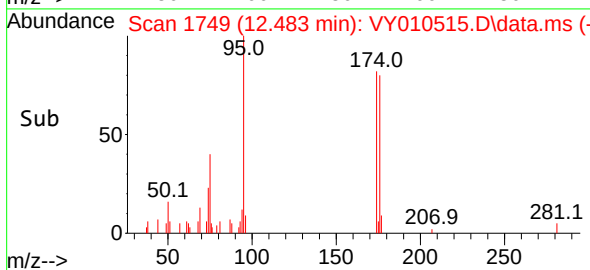
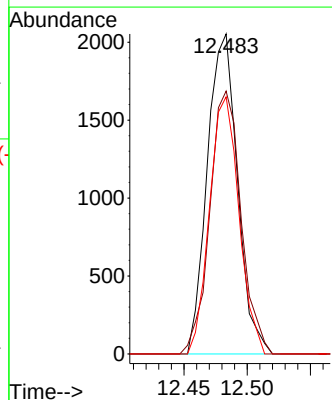
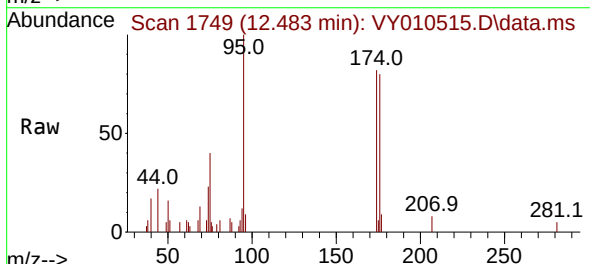
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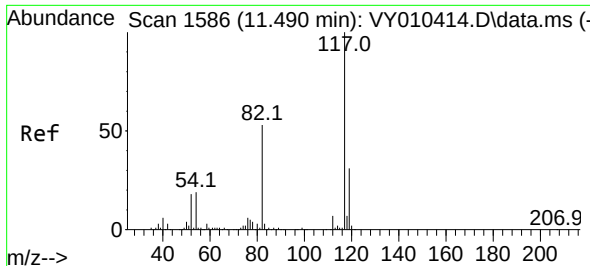
Tgt Ion: 98 Resp: 10925
Ion Ratio Lower Upper
98 100
100 63.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.528 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010515.D
Acq: 15 Sep 2022 16:49

Tgt Ion: 95 Resp: 3406
Ion Ratio Lower Upper
95 100
174 84.8 0.0 177.0
176 78.3 0.0 175.8

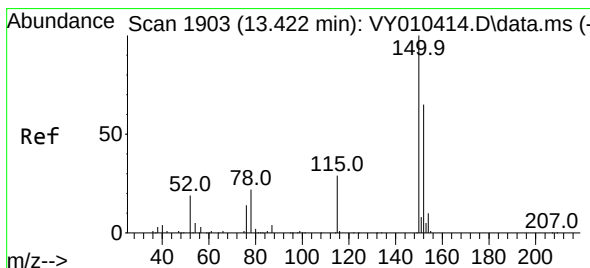
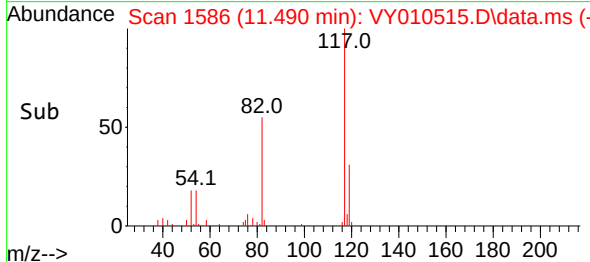
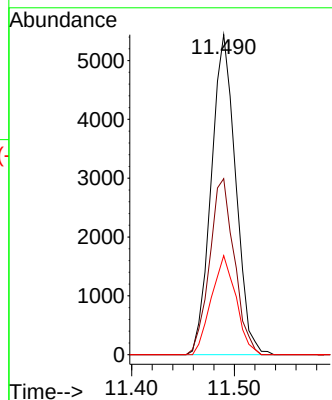
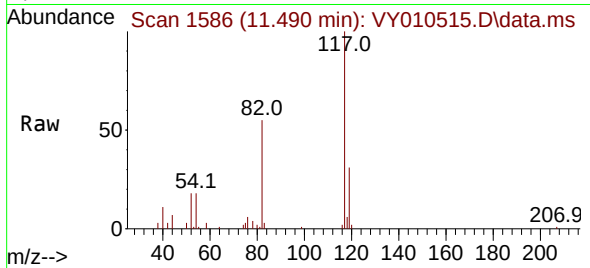




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010515.D
Acq: 15 Sep 2022 16:49

Instrument :
MSVOA_Y
ClientSampleId :
SB-01-7.5-8.0

Tgt Ion:	117	Resp:	8959
Ion	Ratio	Lower	Upper
117	100		
82	55.0	43.0	64.4
119	30.9	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY010515.D
Acq: 15 Sep 2022 16:49

Tgt Ion:	152	Resp:	3043
Ion	Ratio	Lower	Upper
152	100		
115	57.3	28.2	84.7
150	161.7	0.0	347.6

