

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091522\
 Data File : VY010517.D
 Acq On : 15 Sep 2022 17:36
 Operator : KP/MD
 Sample : N4597-05
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03-4.5-5.0

Quant Time: Sep 16 02:57:01 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)

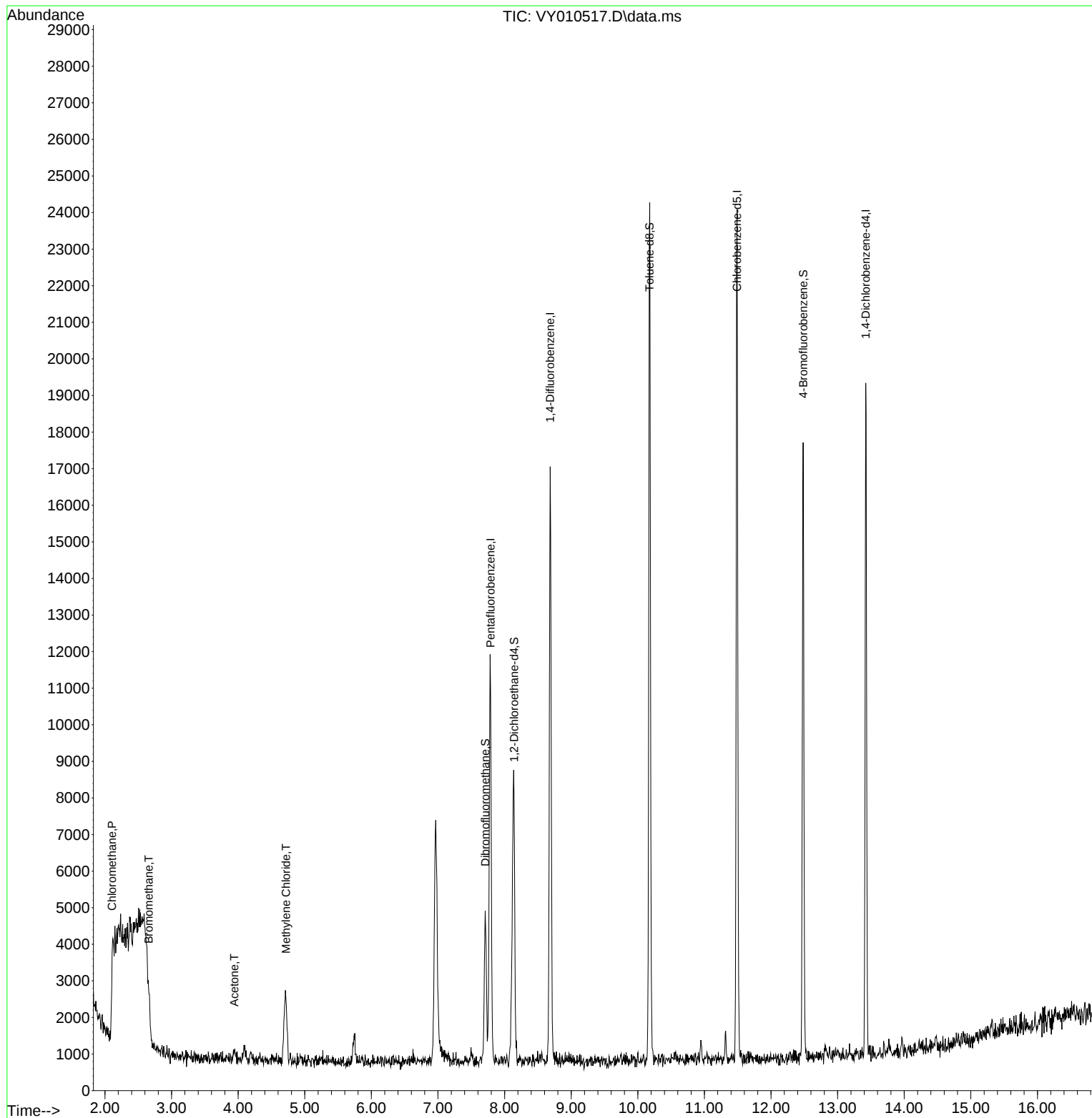
Internal Standards						
1) Pentafluorobenzene	7.789	168	8715	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	14508	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	13416	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	4899	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	5898	67.195	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.400%
35) Dibromofluoromethane	7.710	113	2703	26.233	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	52.460%#
50) Toluene-d8	10.179	98	16406	49.129	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.260%
62) 4-Bromofluorobenzene	12.483	95	5144	37.299	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	74.600%
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	365	3.728	ug/l	# 57
5) Bromomethane	2.656	94	402	4.750	ug/l	83
16) Acetone	3.942	43	563	27.950	ug/l	# 47
20) Methylene Chloride	4.716	84	1617	11.254	ug/l	# 53

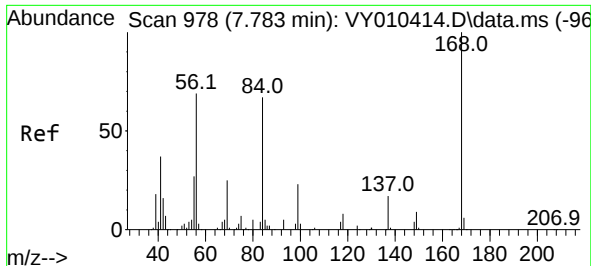
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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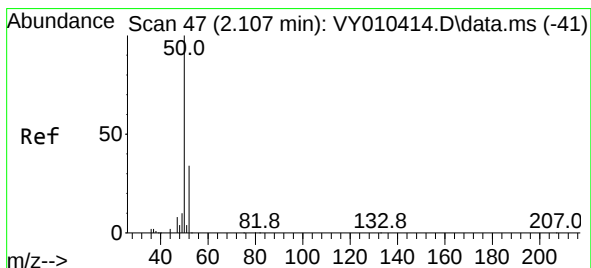
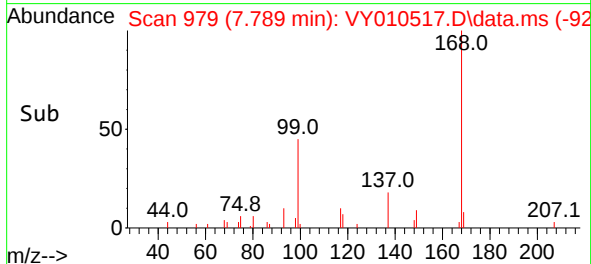
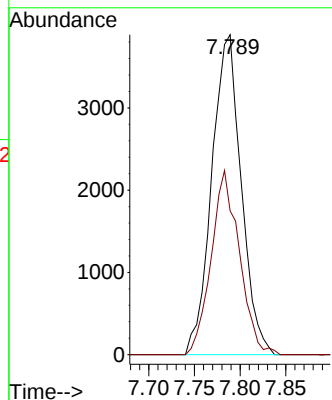
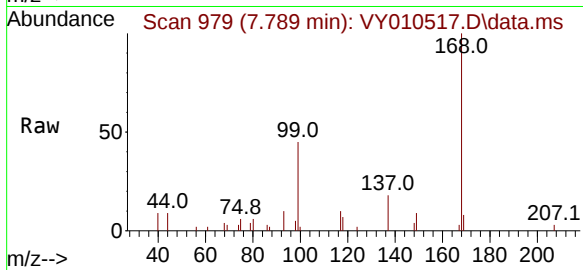




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010517.D
Acq: 15 Sep 2022 17:36

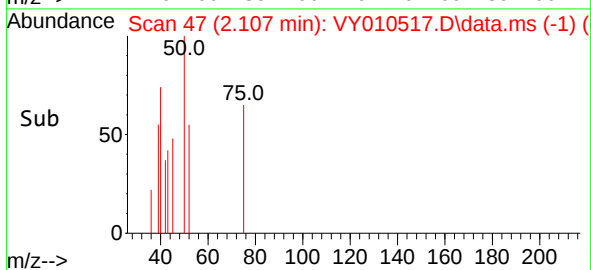
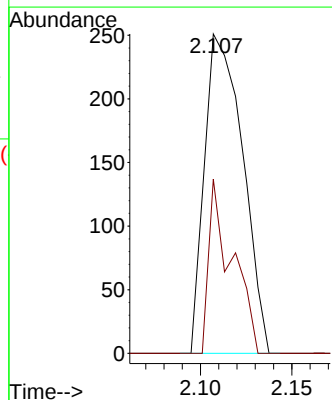
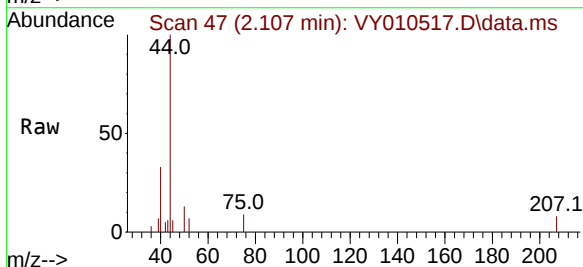
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-4.5-5.0

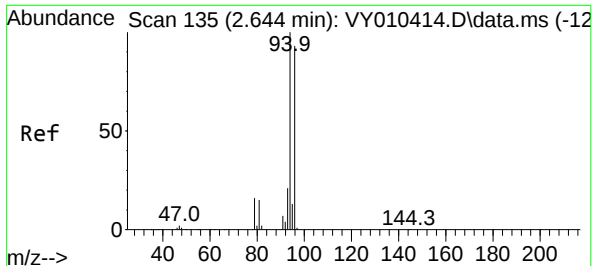
Tgt Ion:168 Resp: 8715
Ion Ratio Lower Upper
168 100
99 44.9 46.9 70.3#



#3
Chloromethane
Concen: 3.728 ug/l
RT: 2.107 min Scan# 47
Delta R.T. 0.000 min
Lab File: VY010517.D
Acq: 15 Sep 2022 17:36

Tgt Ion: 50 Resp: 365
Ion Ratio Lower Upper
50 100
52 54.6 24.6 37.0#

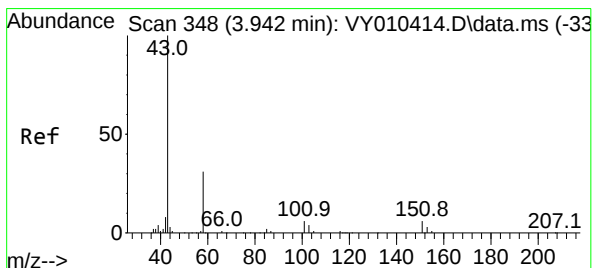
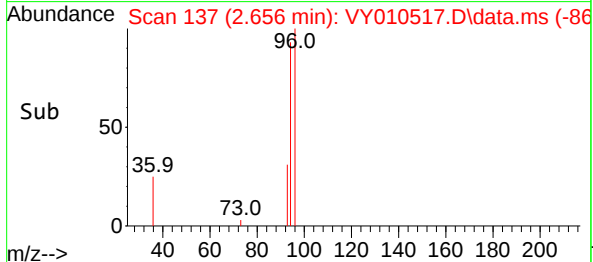
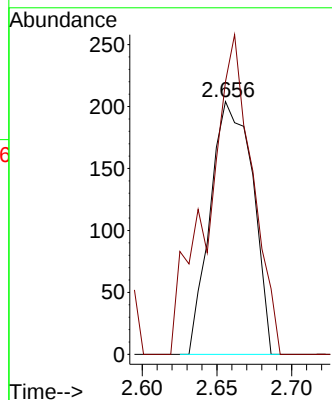
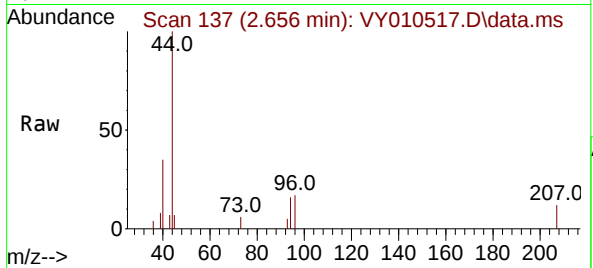




#5
Bromomethane
Concen: 4.750 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY010517.D
Acq: 15 Sep 2022 17:36

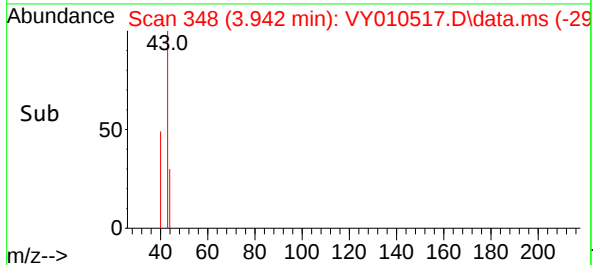
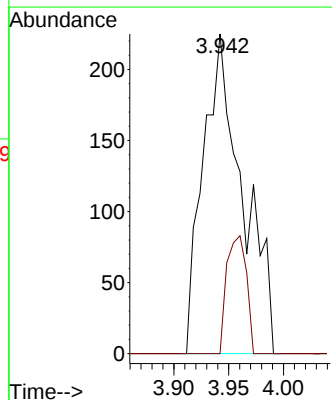
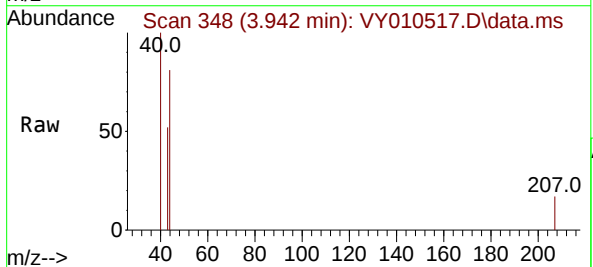
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-4.5-5.0

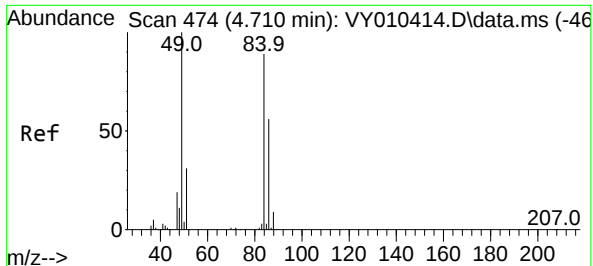
Tgt Ion: 94 Resp: 402
Ion Ratio Lower Upper
94 100
96 107.8 73.5 110.3



#16
Acetone
Concen: 27.950 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010517.D
Acq: 15 Sep 2022 17:36

Tgt Ion: 43 Resp: 563
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#

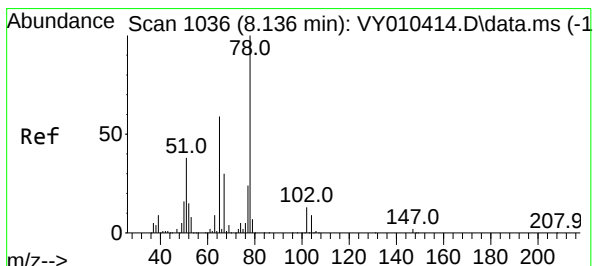
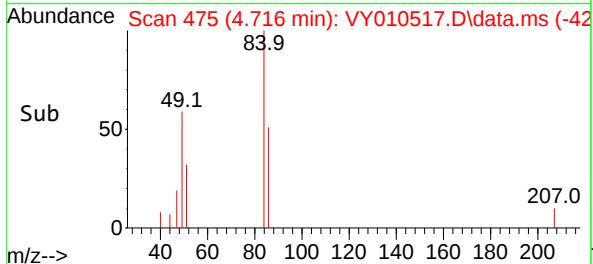
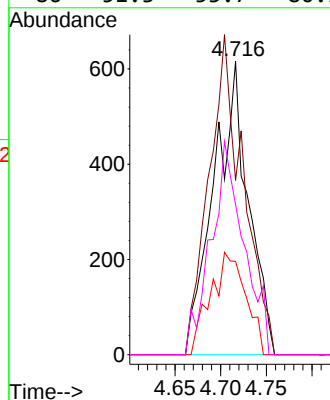
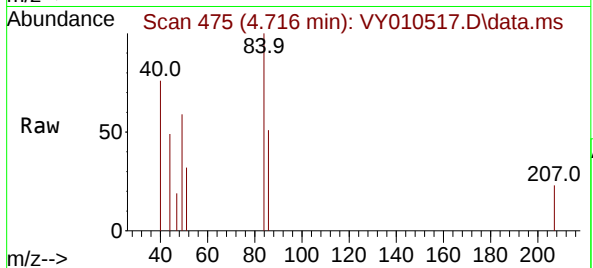




#20
Methylene Chloride
Concen: 11.254 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY010517.D
Acq: 15 Sep 2022 17:36

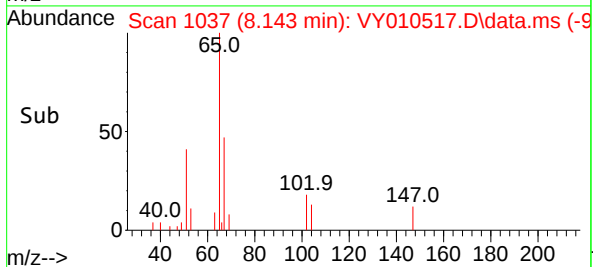
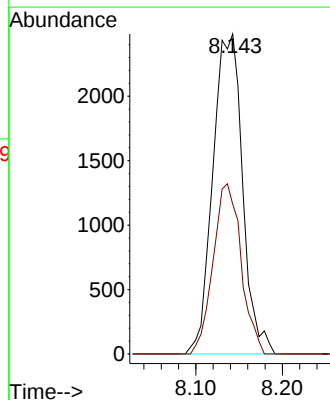
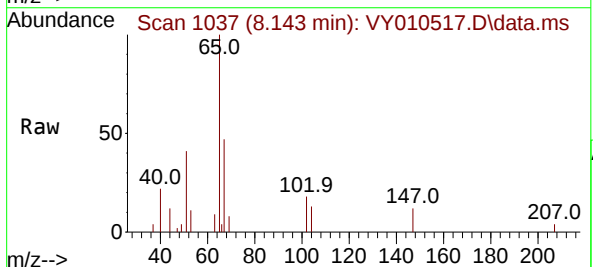
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-4.5-5.0

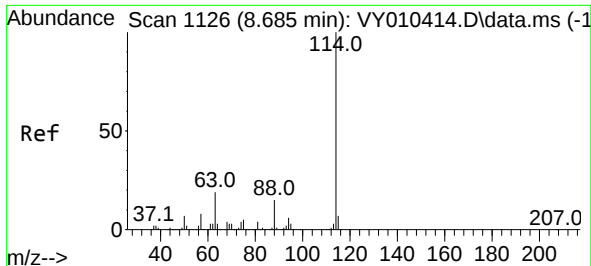
Tgt Ion: 84 Resp: 1617
Ion Ratio Lower Upper
84 100
49 59.4 114.4 171.6#
51 31.8 35.3 52.9#
86 51.3 53.7 80.5#



#33
1,2-Dichloroethane-d4
Concen: 67.195 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY010517.D
Acq: 15 Sep 2022 17:36

Tgt Ion: 65 Resp: 5898
Ion Ratio Lower Upper
65 100
67 50.2 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: VY010517.D

Acq: 15 Sep 2022 17:36

Instrument :

MSVOA_Y

ClientSampleId :

SB-03-4.5-5.0

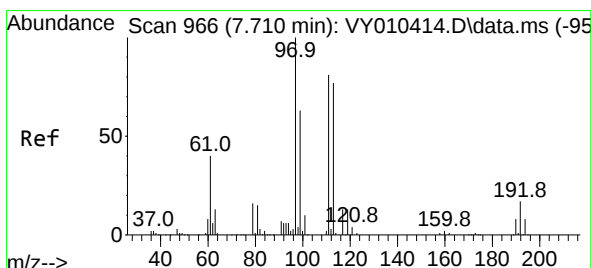
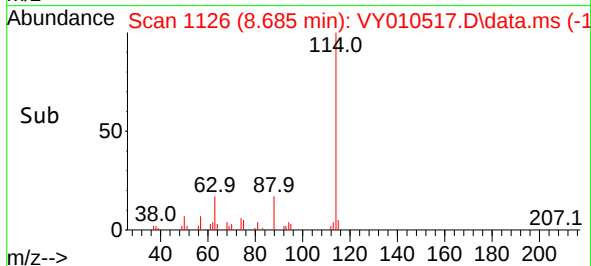
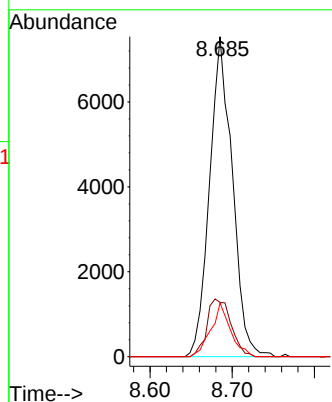
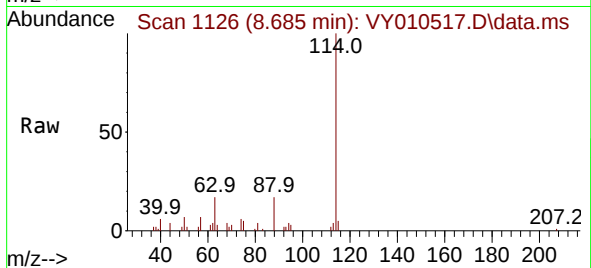
Tgt Ion:114 Resp: 14508

Ion Ratio Lower Upper

114 100

63 16.9 0.0 43.2

88 16.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 26.233 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010517.D

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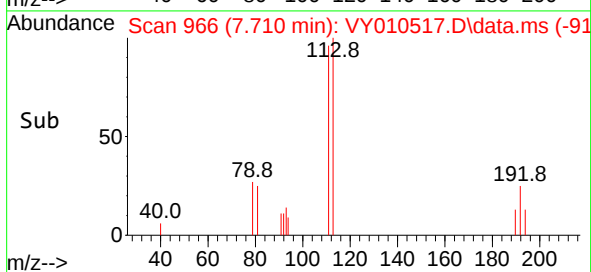
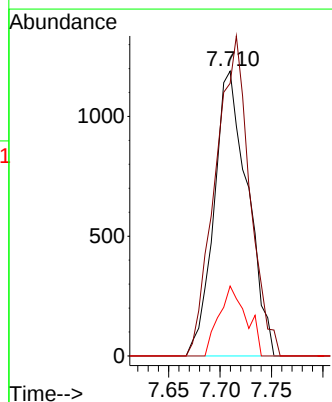
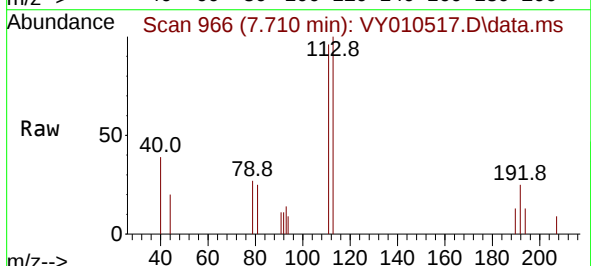
Tgt Ion:113 Resp: 2703

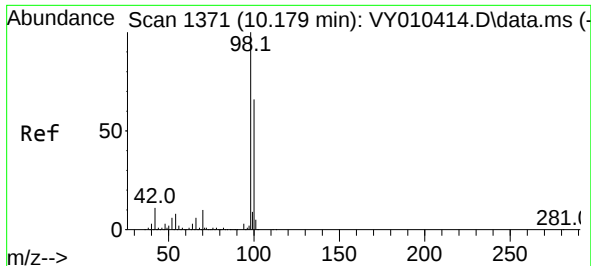
Ion Ratio Lower Upper

113 100

111 114.5 82.6 124.0

192 20.0 17.6 26.4

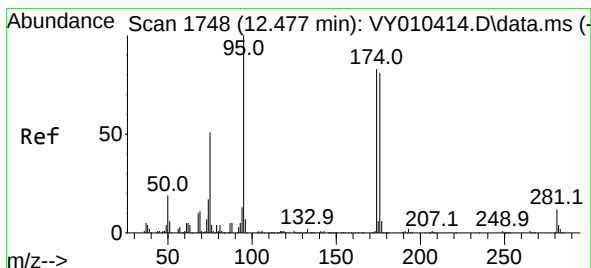
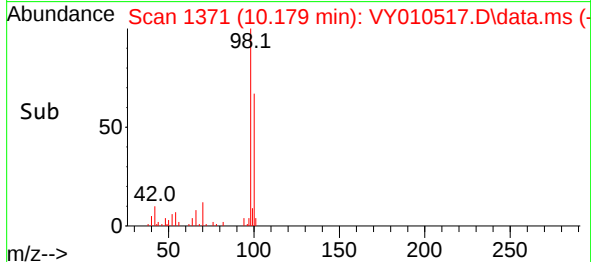
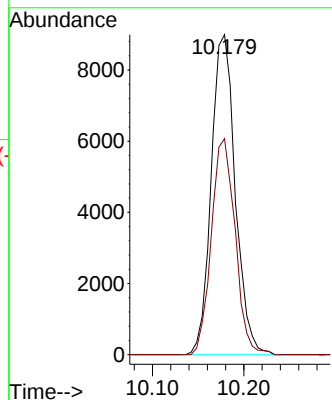
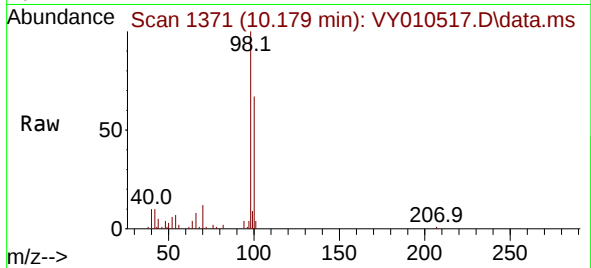




#50
Toluene-d8
Concen: 49.129 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010517.D
Acq: 15 Sep 2022 17:36

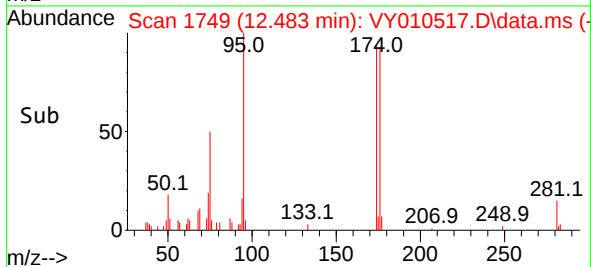
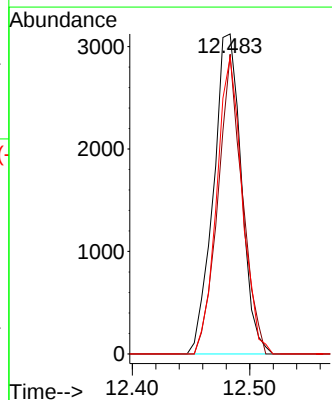
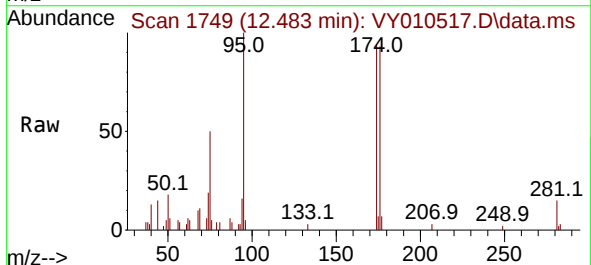
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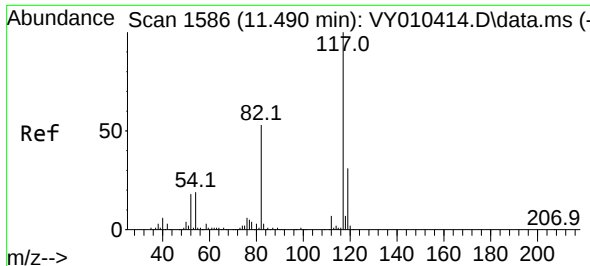
Tgt Ion: 98 Resp: 16406
Ion Ratio Lower Upper
98 100
100 66.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 37.299 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010517.D
Acq: 15 Sep 2022 17:36

Tgt Ion: 95 Resp: 5144
Ion Ratio Lower Upper
95 100
174 82.0 0.0 177.0
176 85.3 0.0 175.8

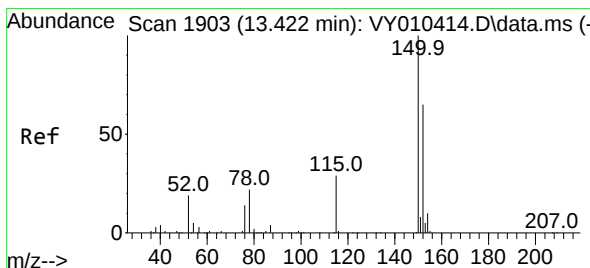
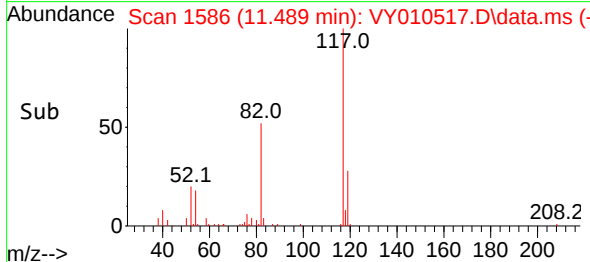
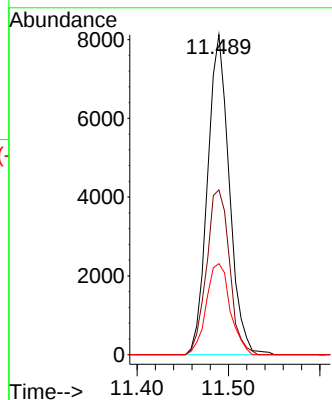
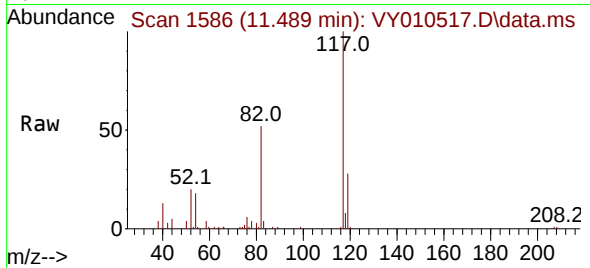




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010517.D
Acq: 15 Sep 2022 17:36

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MSVOA_Y
ClientSampleId :
SB-03-4.5-5.0

Tgt Ion:	117	Resp:	13416
Ion	Ratio	Lower	Upper
117	100		
82	51.5	43.0	64.4
119	28.5	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: VY010517.D
Acq: 15 Sep 2022 17:36

Tgt Ion:	152	Resp:	4899
Ion	Ratio	Lower	Upper
152	100		
115	56.6	28.2	84.7
150	164.3	0.0	347.6

