

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091522\
 Data File : VY010516.D
 Acq On : 15 Sep 2022 17:13
 Operator : KP/MD
 Sample : N4597-03
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02-5.5-6.0

Quant Time: Sep 16 02:56:53 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)

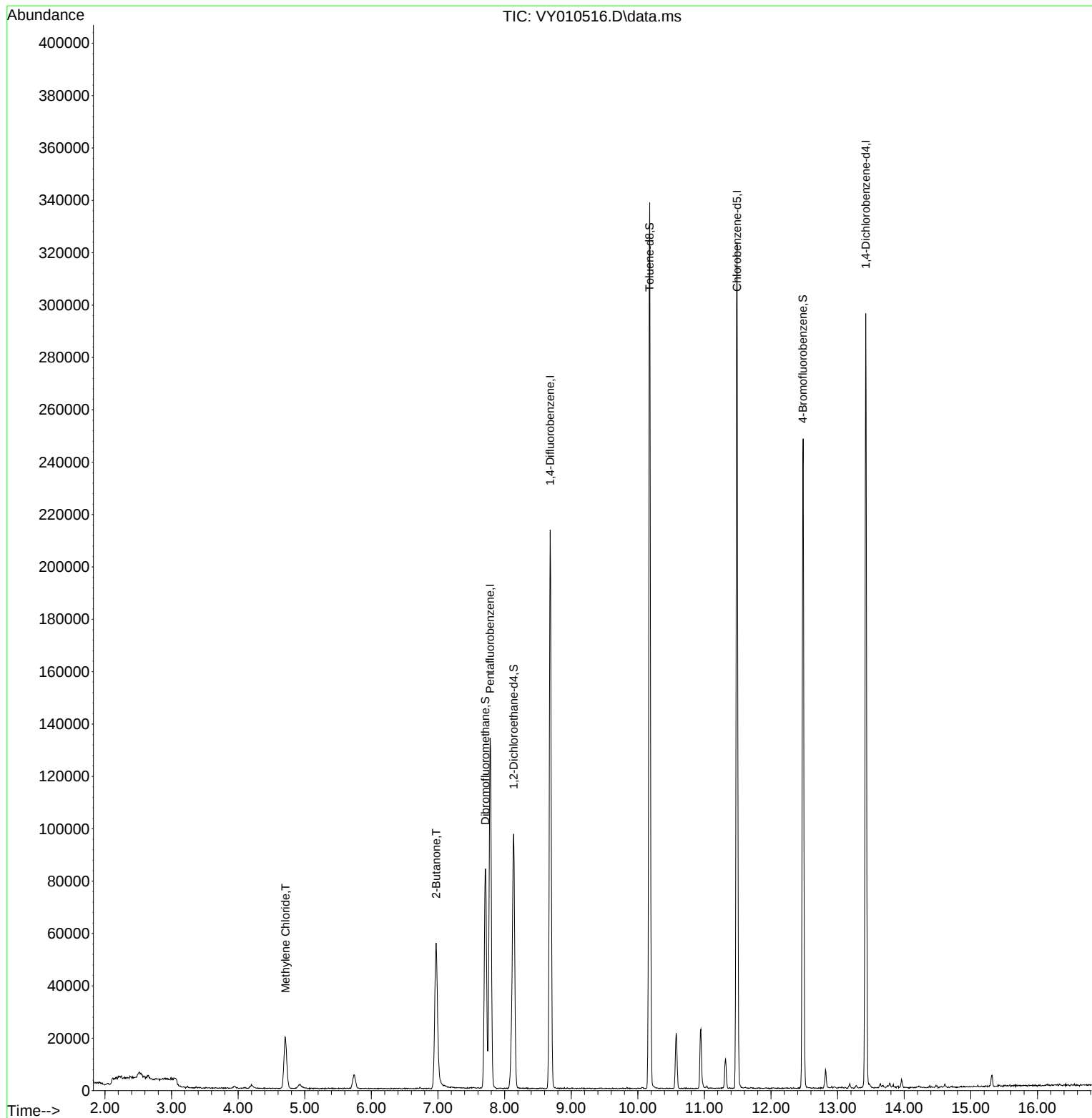
Internal Standards						
1) Pentafluorobenzene	7.783	168	107547	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	184392	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	179139	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	76911	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	69825	64.463	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.920%	
35) Dibromofluoromethane	7.710	113	61502	46.964	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 93.920%	
50) Toluene-d8	10.179	98	221959	52.297	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.600%	
62) 4-Bromofluorobenzene	12.477	95	74520	43.495	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 87.000%	
Target Compounds						Qvalue
20) Methylene Chloride	4.710	84	15221	6.695	ug/l #	82
25) 2-Butanone	6.972	43	2742	6.941	ug/l #	88

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

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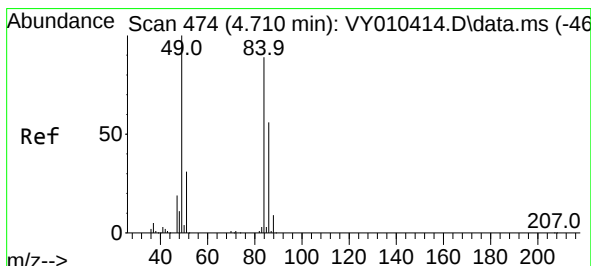
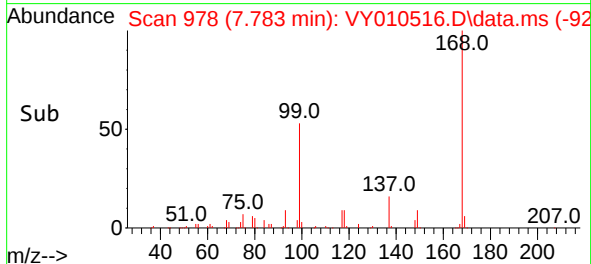
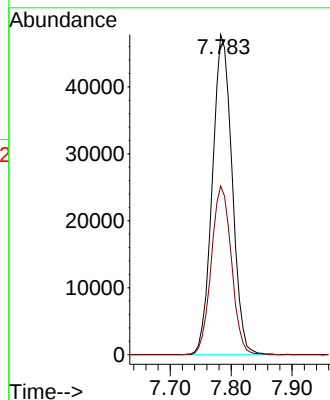
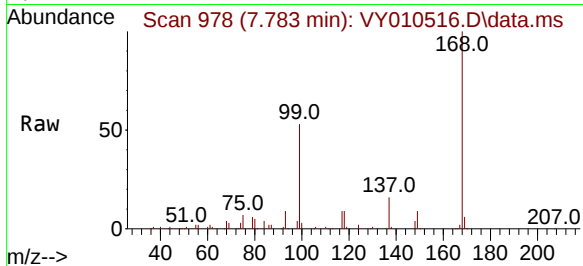




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010516.D
Acq: 15 Sep 2022 17:13

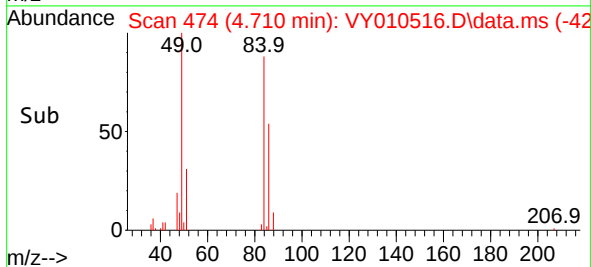
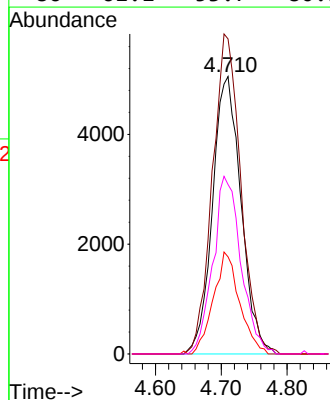
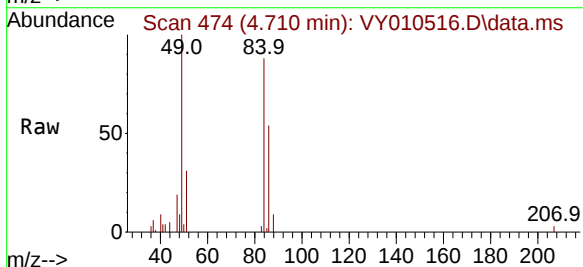
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-5.5-6.0

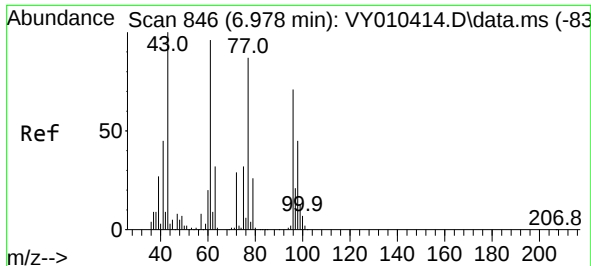
Tgt Ion:168 Resp: 107547
Ion Ratio Lower Upper
168 100
99 52.7 46.9 70.3



#20
Methylene Chloride
Concen: 6.695 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY010516.D
Acq: 15 Sep 2022 17:13

Tgt Ion: 84 Resp: 15221
Ion Ratio Lower Upper
84 100
49 113.6 114.4 171.6#
51 35.0 35.3 52.9#
86 61.1 53.7 80.5





#25

2-Butanone

Concen: 6.941 ug/l

RT: 6.972 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY010516.D

Acq: 15 Sep 2022 17:13

Instrument :

MSVOA_Y

ClientSampleId :

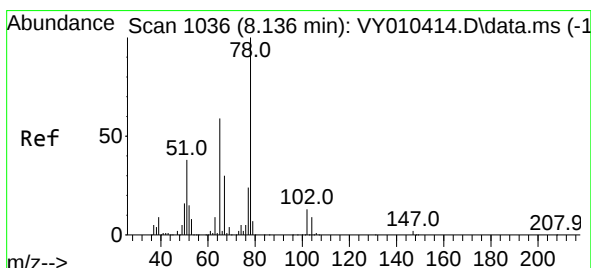
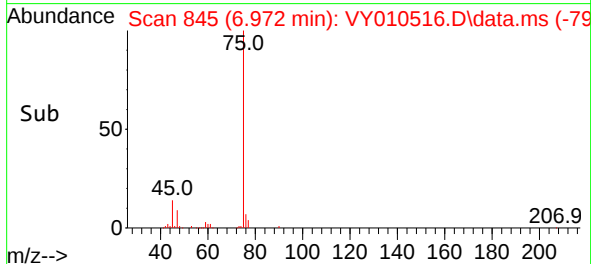
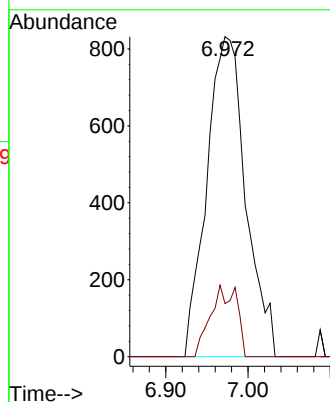
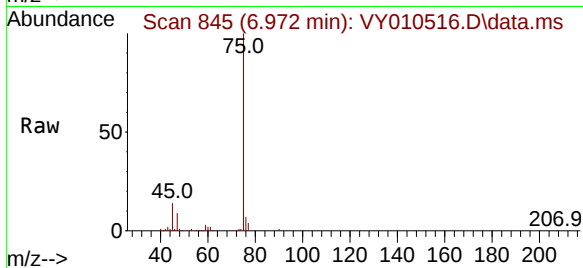
SB-02-5.5-6.0

Tgt Ion: 43 Resp: 2742

Ion Ratio Lower Upper

43 100

72 16.6 17.7 26.5#



#33

1,2-Dichloroethane-d4

Concen: 64.463 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY010516.D

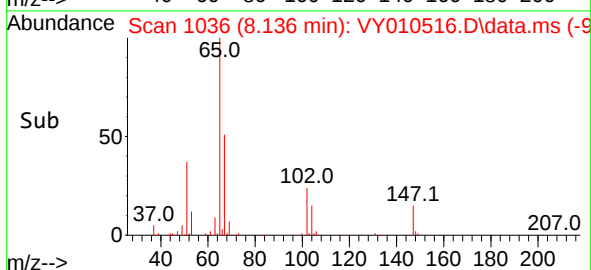
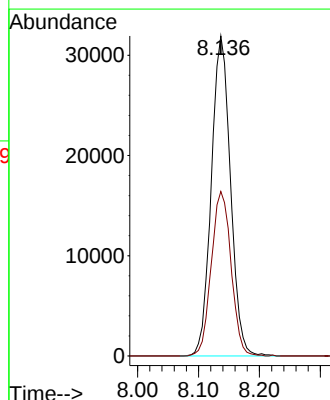
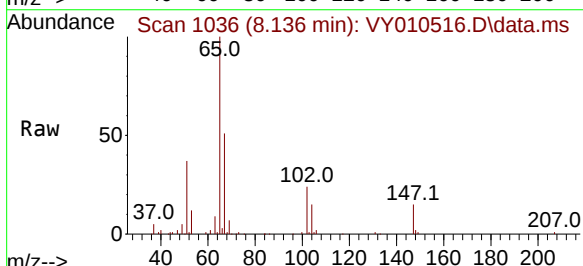
Acq: 15 Sep 2022 17:13

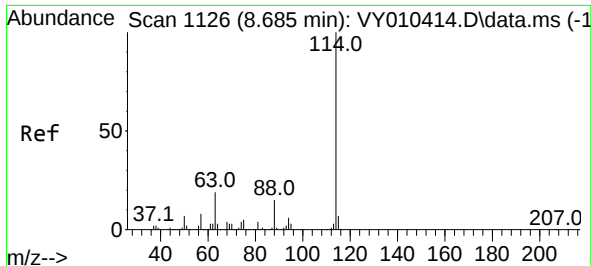
Tgt Ion: 65 Resp: 69825

Ion Ratio Lower Upper

65 100

67 53.0 0.0 99.4

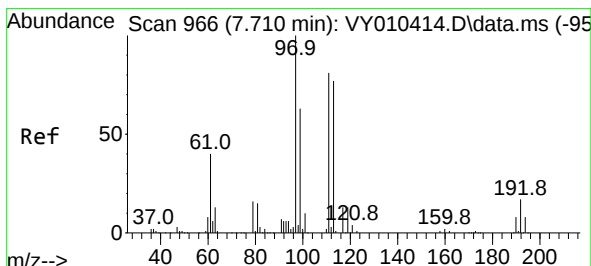
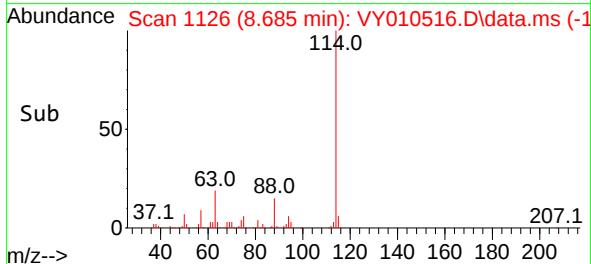
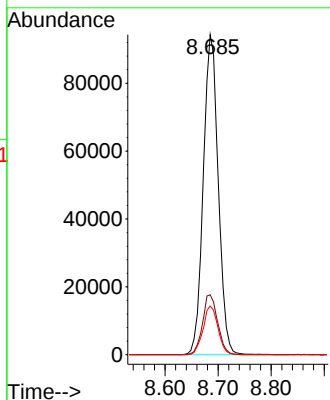
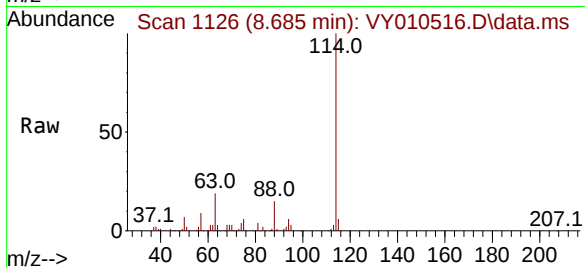




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010516.D
Acq: 15 Sep 2022 17:13

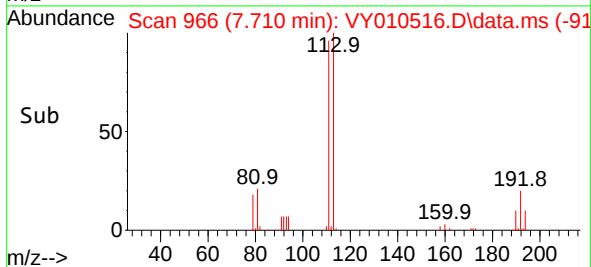
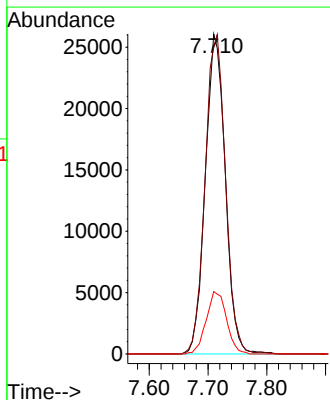
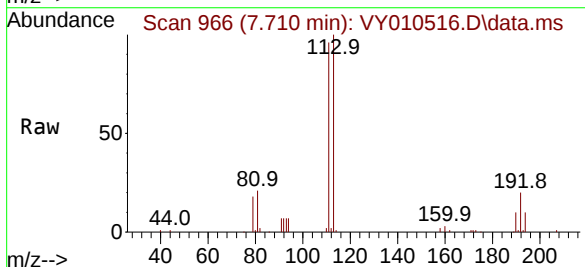
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-5.5-6.0

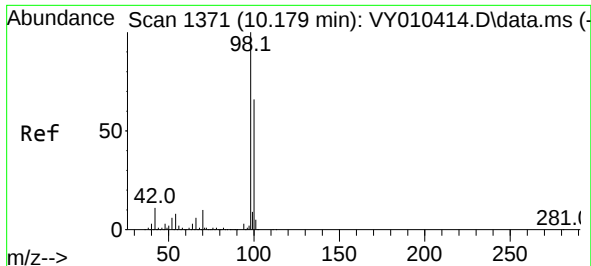
Tgt Ion:	114	Resp:	184392
Ion Ratio	Lower	Upper	
114	100		
63	18.7	0.0	43.2
88	15.2	0.0	31.8



#35
Dibromofluoromethane
Concen: 46.964 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010516.D
Acq: 15 Sep 2022 17:13

Tgt Ion:	113	Resp:	61502
Ion Ratio	Lower	Upper	
113	100		
111	102.2	82.6	124.0
192	19.8	17.6	26.4

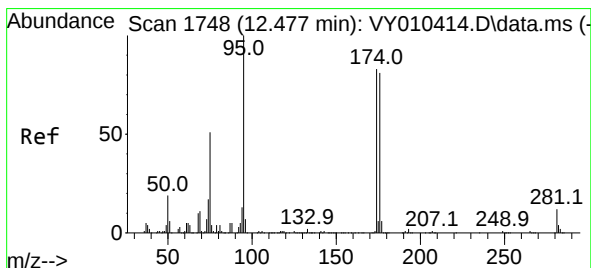
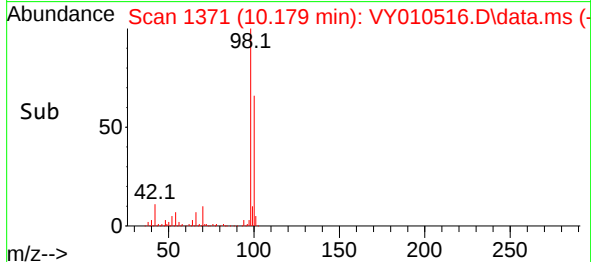
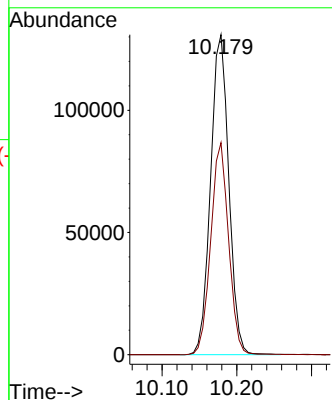
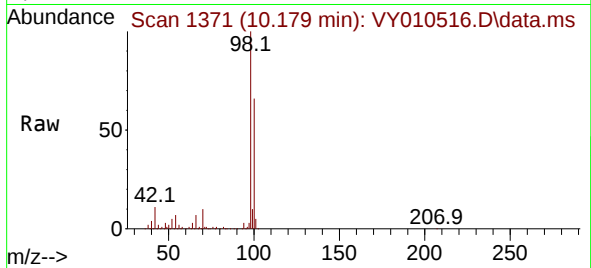




#50
Toluene-d8
Concen: 52.297 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010516.D
Acq: 15 Sep 2022 17:13

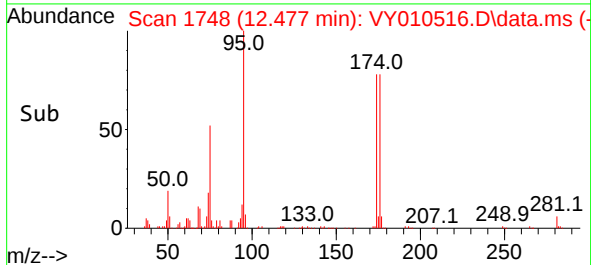
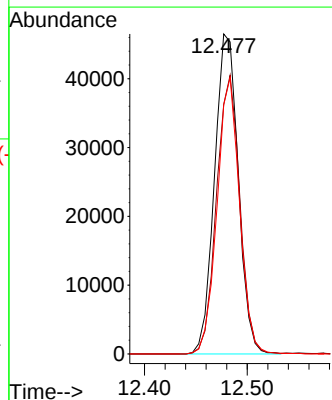
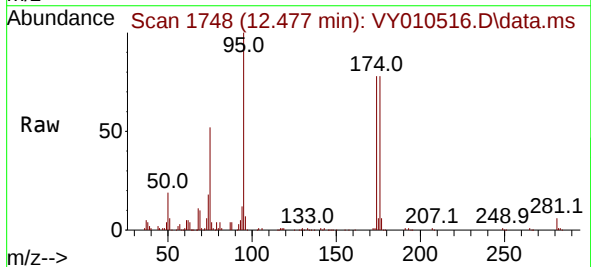
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ClientSampleId :
SB-02-5.5-6.0

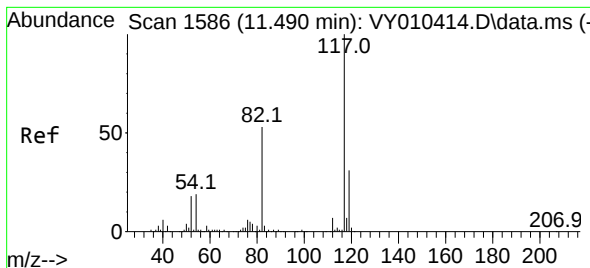
Tgt Ion: 98 Resp: 221959
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 43.495 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010516.D
Acq: 15 Sep 2022 17:13

Tgt Ion: 95 Resp: 74520
Ion Ratio Lower Upper
95 100
174 85.6 0.0 177.0
176 81.8 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: VY010516.D

Acq: 15 Sep 2022 17:13

Instrument :

MSVOA_Y

ClientSampleId :

SB-02-5.5-6.0

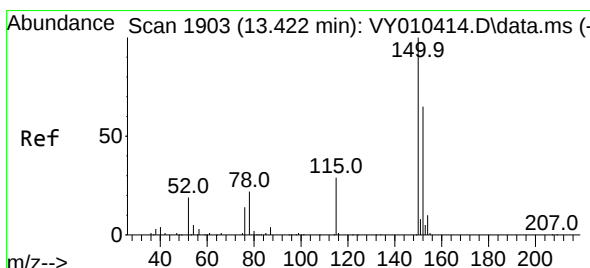
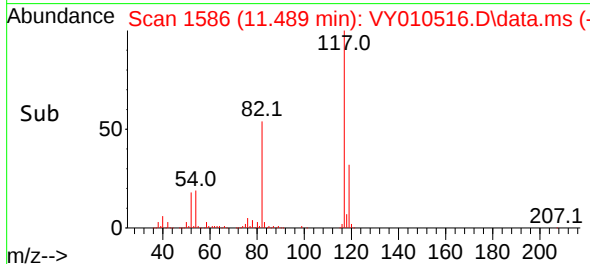
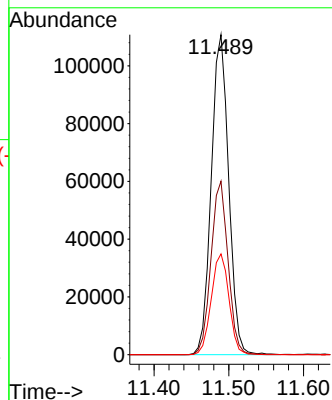
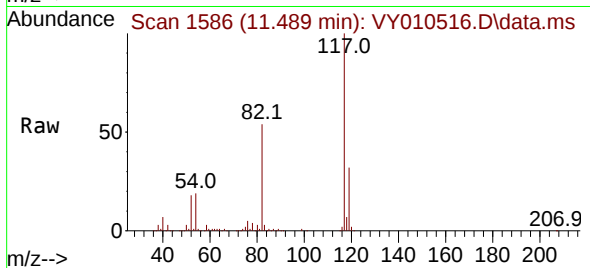
Tgt Ion:117 Resp: 179139

Ion Ratio Lower Upper

117 100

82 54.2 43.0 64.4

119 31.5 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: VY010516.D

Acq: 15 Sep 2022 17:13

Tgt Ion:152 Resp: 76911

Ion Ratio Lower Upper

152 100

115 57.7 28.2 84.7

150 155.1 0.0 347.6

