

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091522\
 Data File : VY010520.D
 Acq On : 15 Sep 2022 18:46
 Operator : KP/MD
 Sample : N4630-19
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-17-4-4-GR

Quant Time: Sep 16 02:57:27 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)

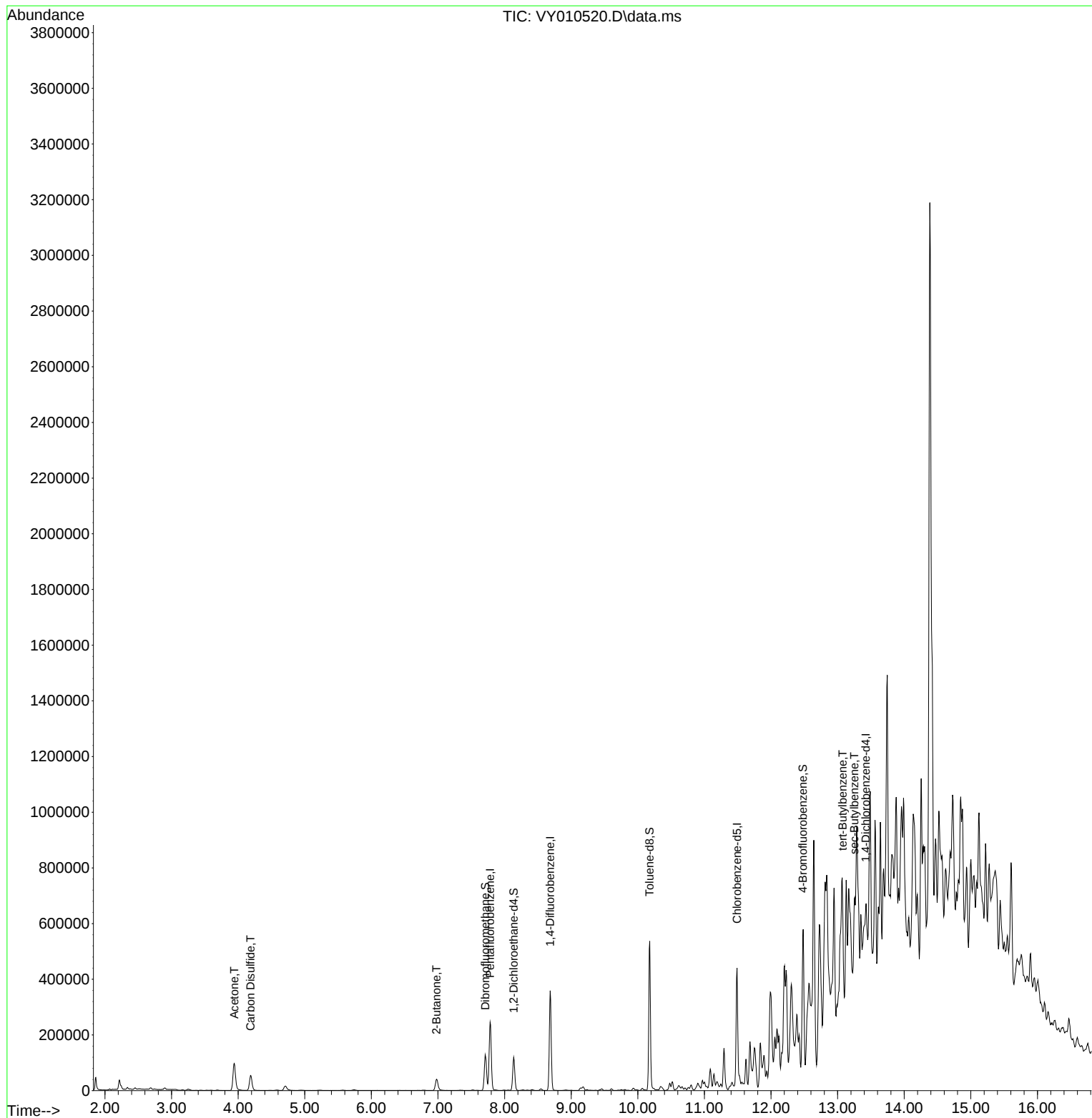
Internal Standards						
1) Pentafluorobenzene	7.783	168	192210	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	309774	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	230042	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	83399	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	89769	46.371	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.740%
35) Dibromofluoromethane	7.710	113	91312	41.505	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.000%
50) Toluene-d8	10.179	98	346262	48.563	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.120%
62) 4-Bromofluorobenzene	12.477	95	102826	34.471	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	68.940%
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	169726	382.040	ug/l #	86
17) Carbon Disulfide	4.186	76	108258	21.597	ug/l	97
25) 2-Butanone	6.978	43	65870	93.296	ug/l #	84
83) tert-Butylbenzene	13.075	119	11713	2.441	ug/l	90
85) sec-Butylbenzene	13.251	105	13520	1.903	ug/l #	45

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

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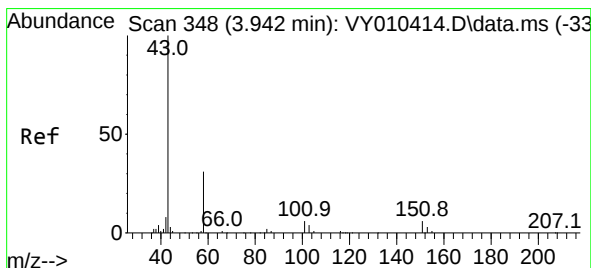
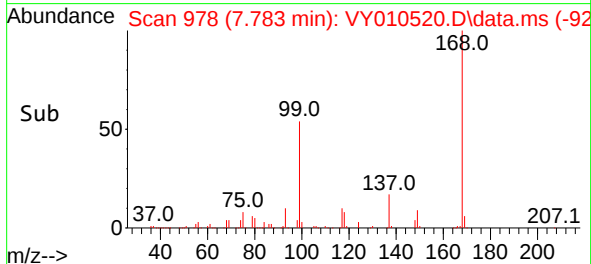
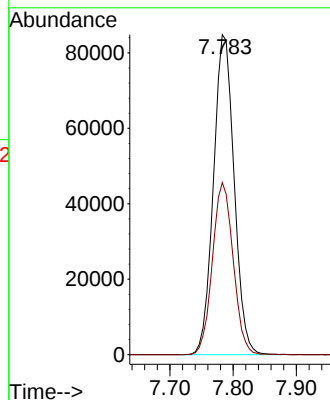
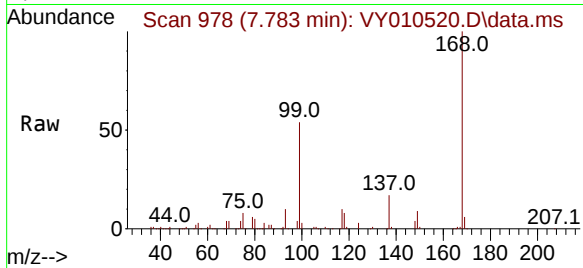




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010520.D
Acq: 15 Sep 2022 18:46

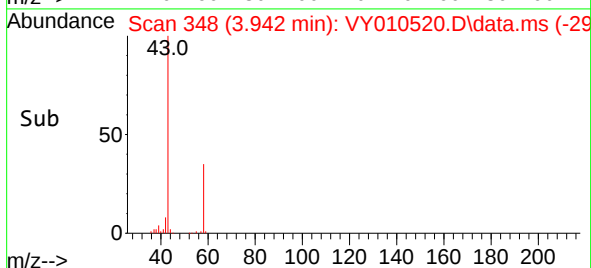
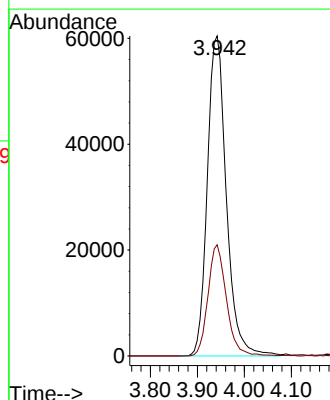
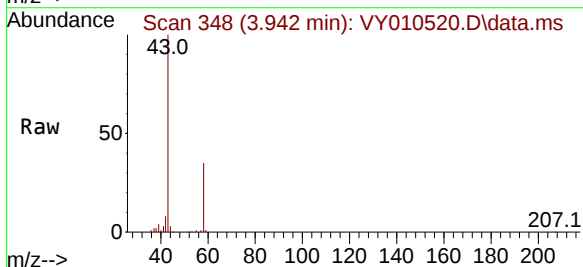
Instrument :
MSVOA_Y
ClientSampleId :
WC-17-4-4-GR

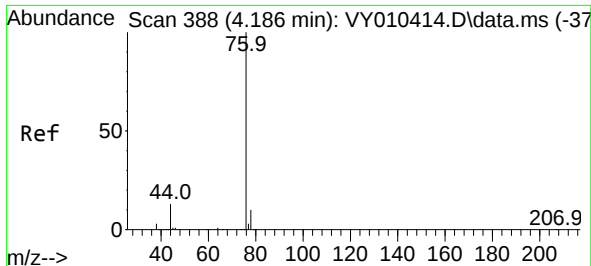
Tgt Ion:168 Resp: 192210
Ion Ratio Lower Upper
168 100
99 53.7 46.9 70.3



#16
Acetone
Concen: 382.040 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010520.D
Acq: 15 Sep 2022 18:46

Tgt Ion: 43 Resp: 169726
Ion Ratio Lower Upper
43 100
58 34.7 22.0 33.0#

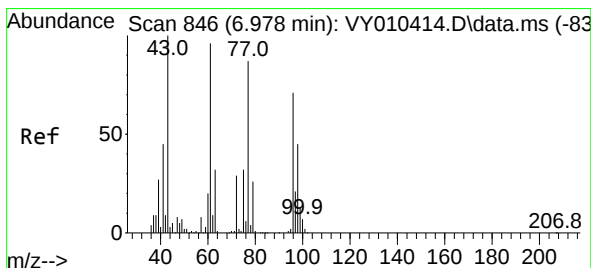
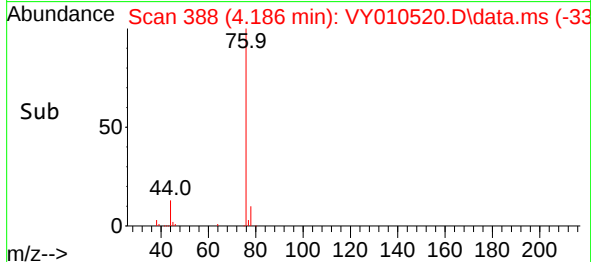
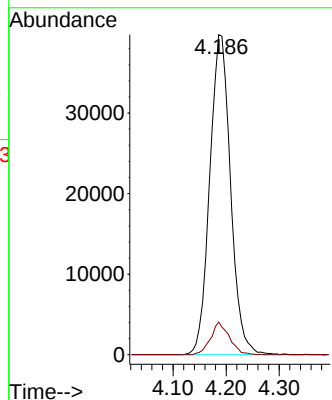
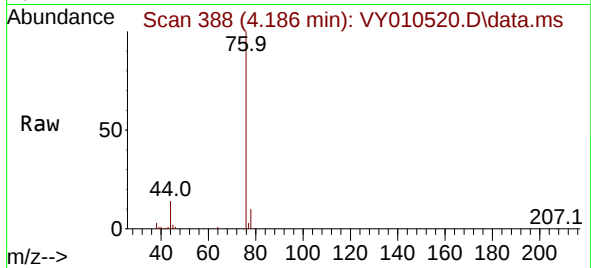




#17
Carbon Disulfide
Concen: 21.597 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY010520.D
Acq: 15 Sep 2022 18:46

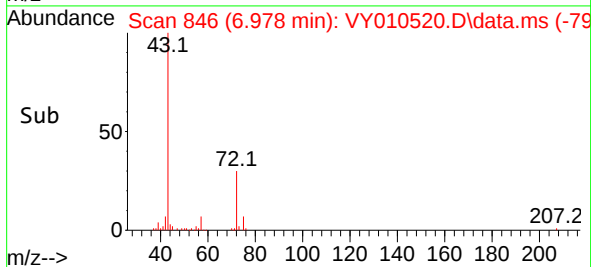
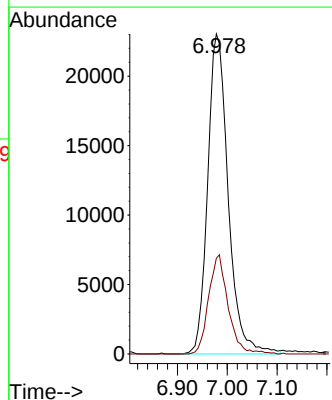
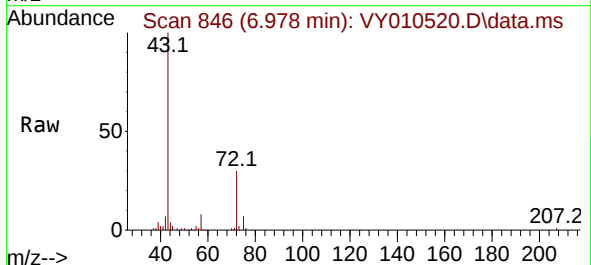
Instrument :
MSVOA_Y
ClientSampleId :
WC-17-4-4-GR

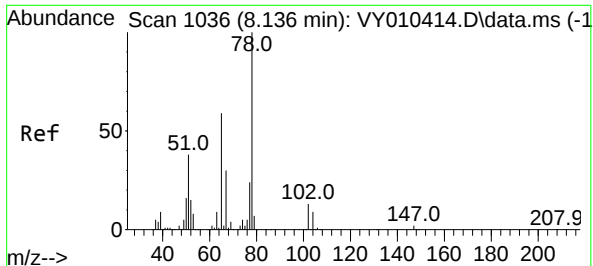
Tgt Ion: 76 Resp: 108258
Ion Ratio Lower Upper
76 100
78 10.2 7.4 11.0



#25
2-Butanone
Concen: 93.296 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY010520.D
Acq: 15 Sep 2022 18:46

Tgt Ion: 43 Resp: 65870
Ion Ratio Lower Upper
43 100
72 29.9 17.7 26.5#





#33

1,2-Dichloroethane-d4

Concen: 46.371 ug/l

RT: 8.136 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY010520.D

Acq: 15 Sep 2022 18:46

Instrument :

MSVOA_Y

ClientSampleId :

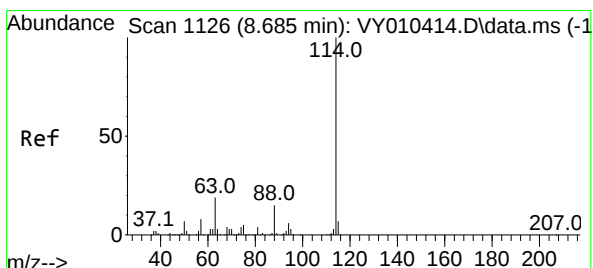
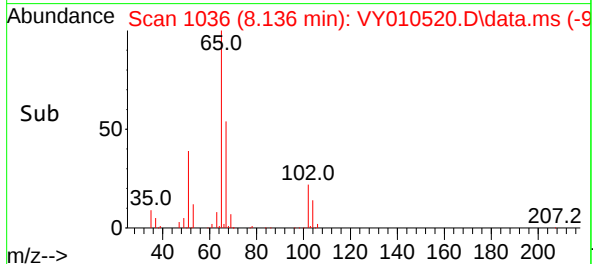
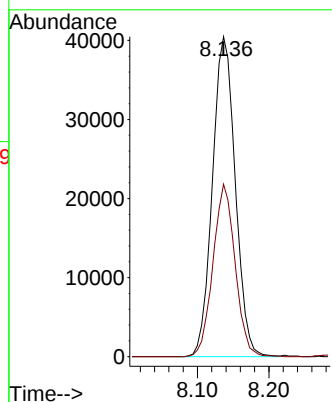
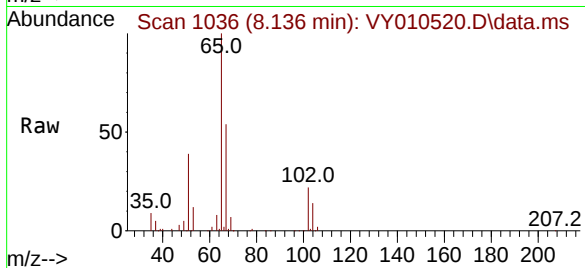
WC-17-4-4-GR

Tgt Ion: 65 Resp: 89769

Ion Ratio Lower Upper

65 100

67 52.3 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: VY010520.D

Acq: 15 Sep 2022 18:46

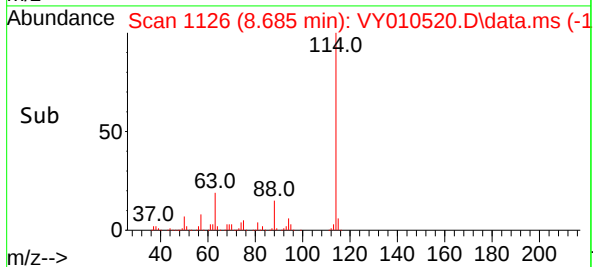
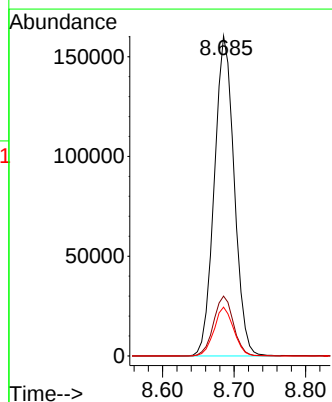
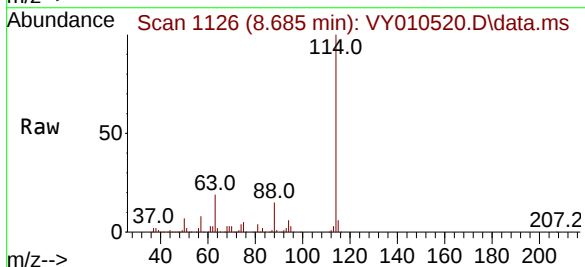
Tgt Ion: 114 Resp: 309774

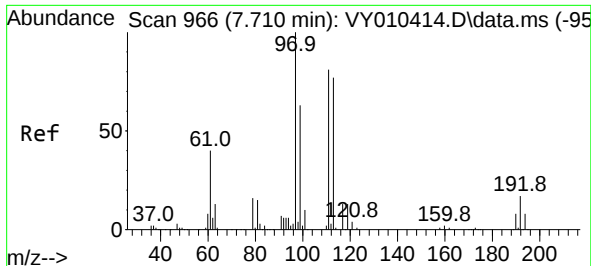
Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

88 15.3 0.0 31.8

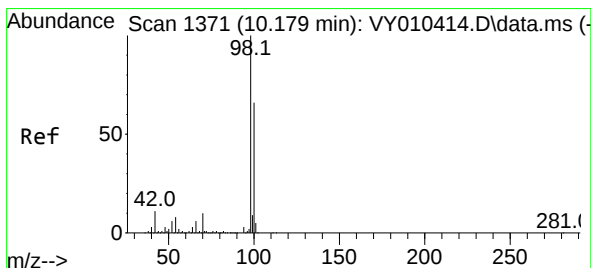
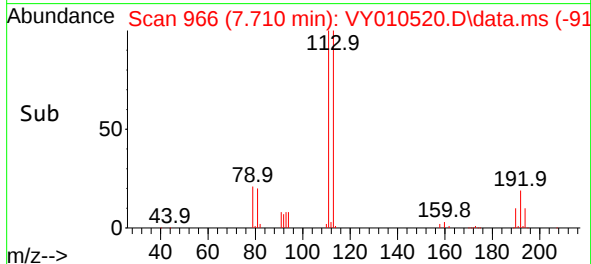
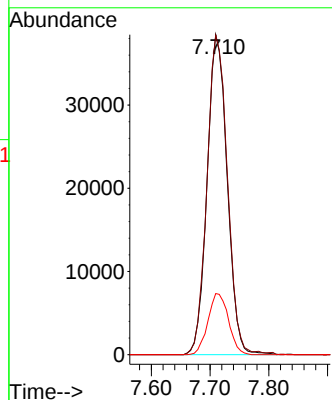
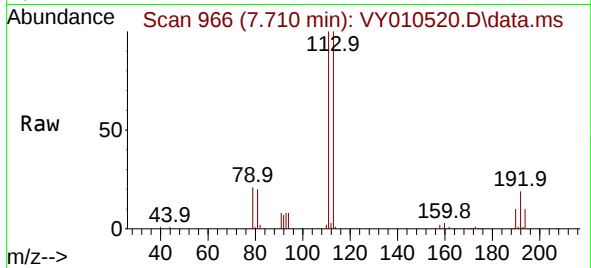




#35
Dibromofluoromethane
Concen: 41.505 ug/l
RT: 7.710 min Scan# 913
Delta R.T. -0.000 min
Lab File: VY010520.D
Acq: 15 Sep 2022 18:46

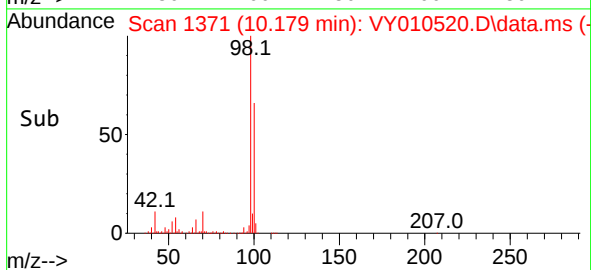
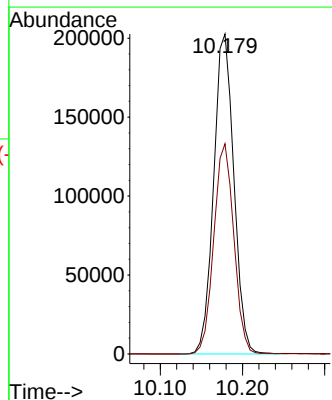
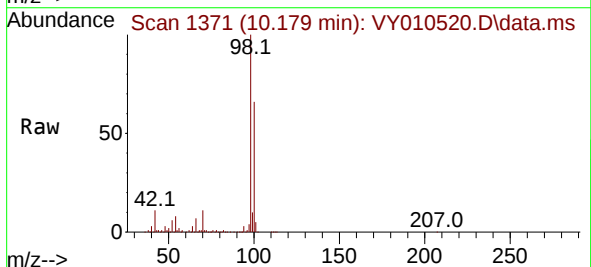
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ClientSampleId :
WC-17-4-4-GR

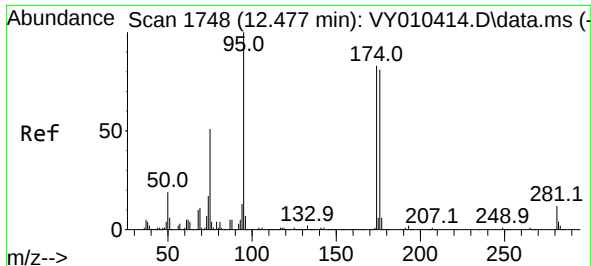
Tgt Ion:113 Resp: 91312
Ion Ratio Lower Upper
113 100
111 102.0 82.6 124.0
192 19.5 17.6 26.4



#50
Toluene-d8
Concen: 48.563 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010520.D
Acq: 15 Sep 2022 18:46

Tgt Ion: 98 Resp: 346262
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 34.471 ug/l

RT: 12.477 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY010520.D

Acq: 15 Sep 2022 18:46

Instrument :

MSVOA_Y

ClientSampleId :

WC-17-4-4-GR

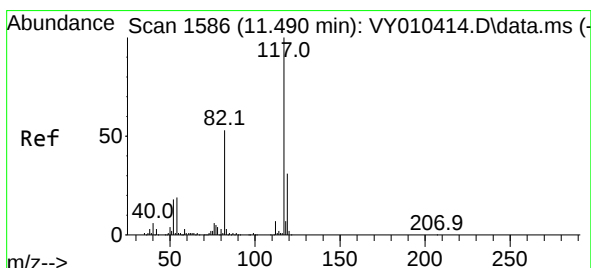
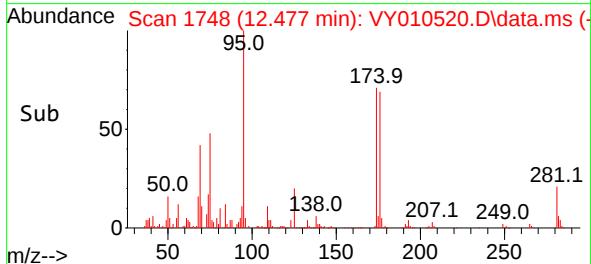
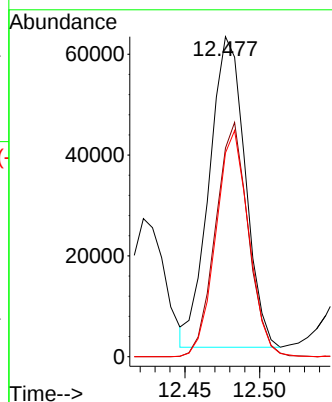
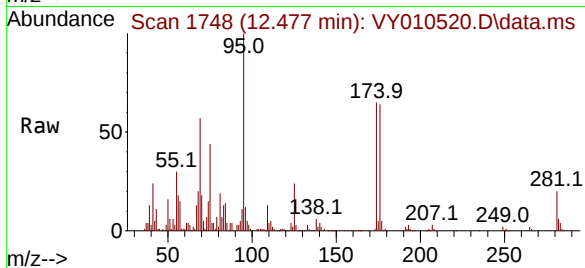
Tgt Ion: 95 Resp: 102826

Ion Ratio Lower Upper

95 100

174 68.8 0.0 177.0

176 66.7 0.0 175.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. -0.001 min

Lab File: VY010520.D

Acq: 15 Sep 2022 18:46

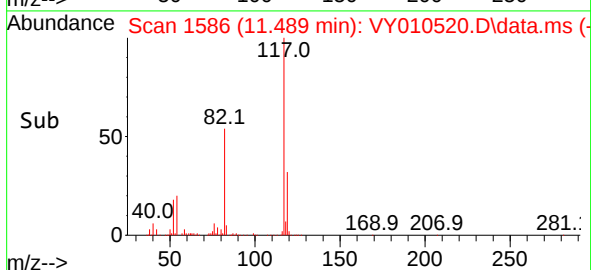
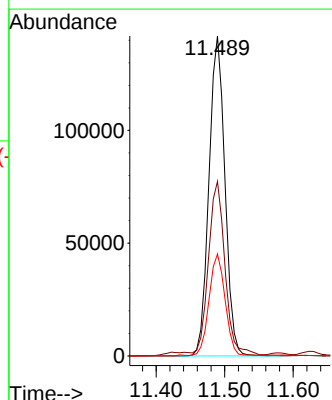
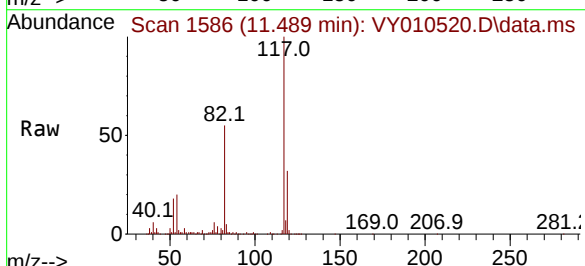
Tgt Ion: 117 Resp: 230042

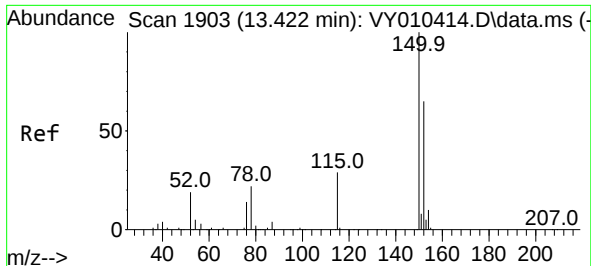
Ion Ratio Lower Upper

117 100

82 53.6 43.0 64.4

119 31.5 25.4 38.0

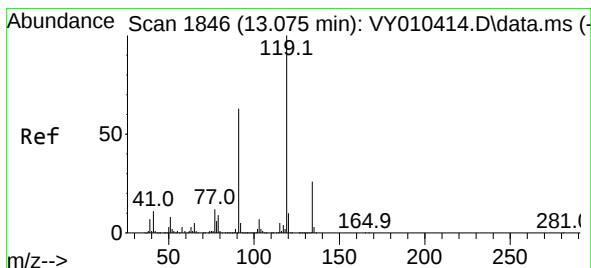
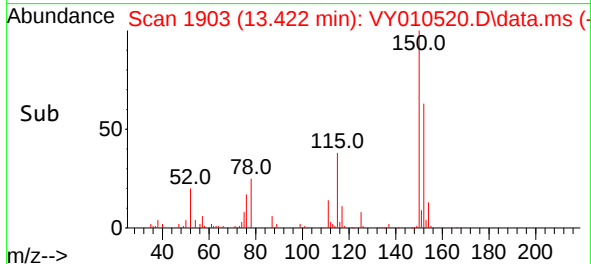
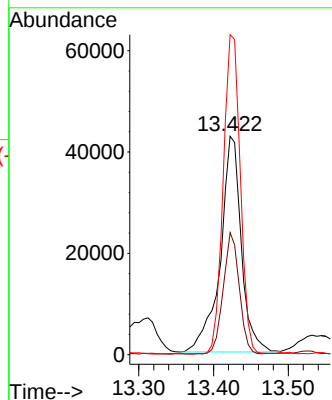
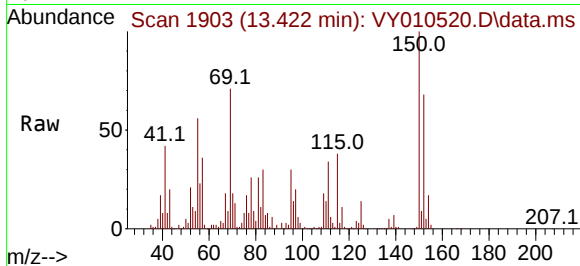




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY010520.D
 Acq: 15 Sep 2022 18:46

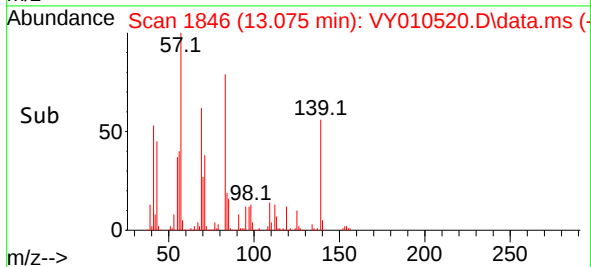
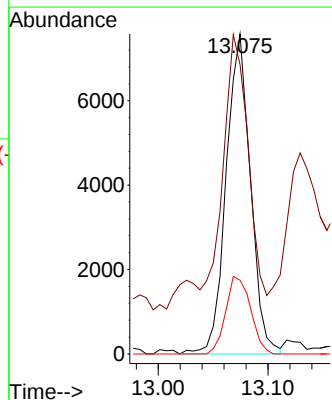
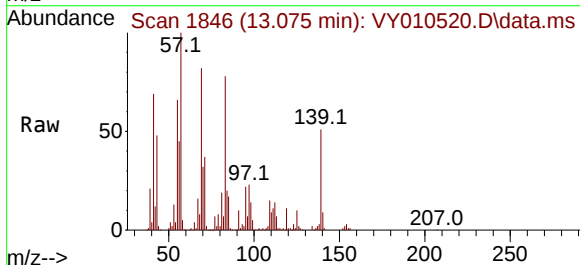
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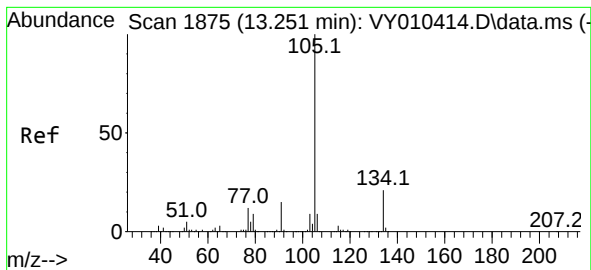
Tgt Ion:152 Resp: 83399
 Ion Ratio Lower Upper
 152 100
 115 43.0 28.2 84.7
 150 119.7 0.0 347.6



#83
 tert-Butylbenzene
 Concen: 2.441 ug/l
 RT: 13.075 min Scan# 1846
 Delta R.T. -0.000 min
 Lab File: VY010520.D
 Acq: 15 Sep 2022 18:46

Tgt Ion:119 Resp: 11713
 Ion Ratio Lower Upper
 119 100
 91 79.2 34.8 104.4
 134 24.7 13.3 39.9





#85

sec-Butylbenzene

Concen: 1.903 ug/l

RT: 13.251 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY010520.D

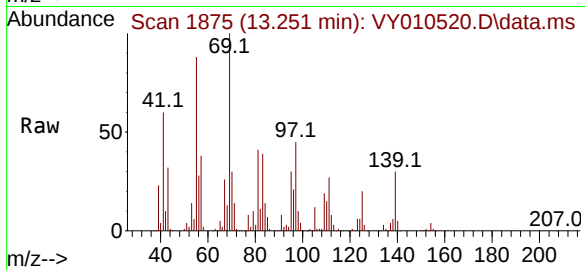
Acq: 15 Sep 2022 18:46

Instrument :

MSVOA_Y

ClientSampleId :

WC-17-4-4-GR



Tgt Ion:105 Resp: 13520

Ion Ratio Lower Upper

105 100

134 45.8 10.2 30.4#

