

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070522\
 Data File : VY009439.D
 Acq On : 05 Jul 2022 15:54
 Operator : KP/MD
 Sample : N3564-24
 Misc : 5.84g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-16-2-5-GR

Quant Time: Jul 06 04:51:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

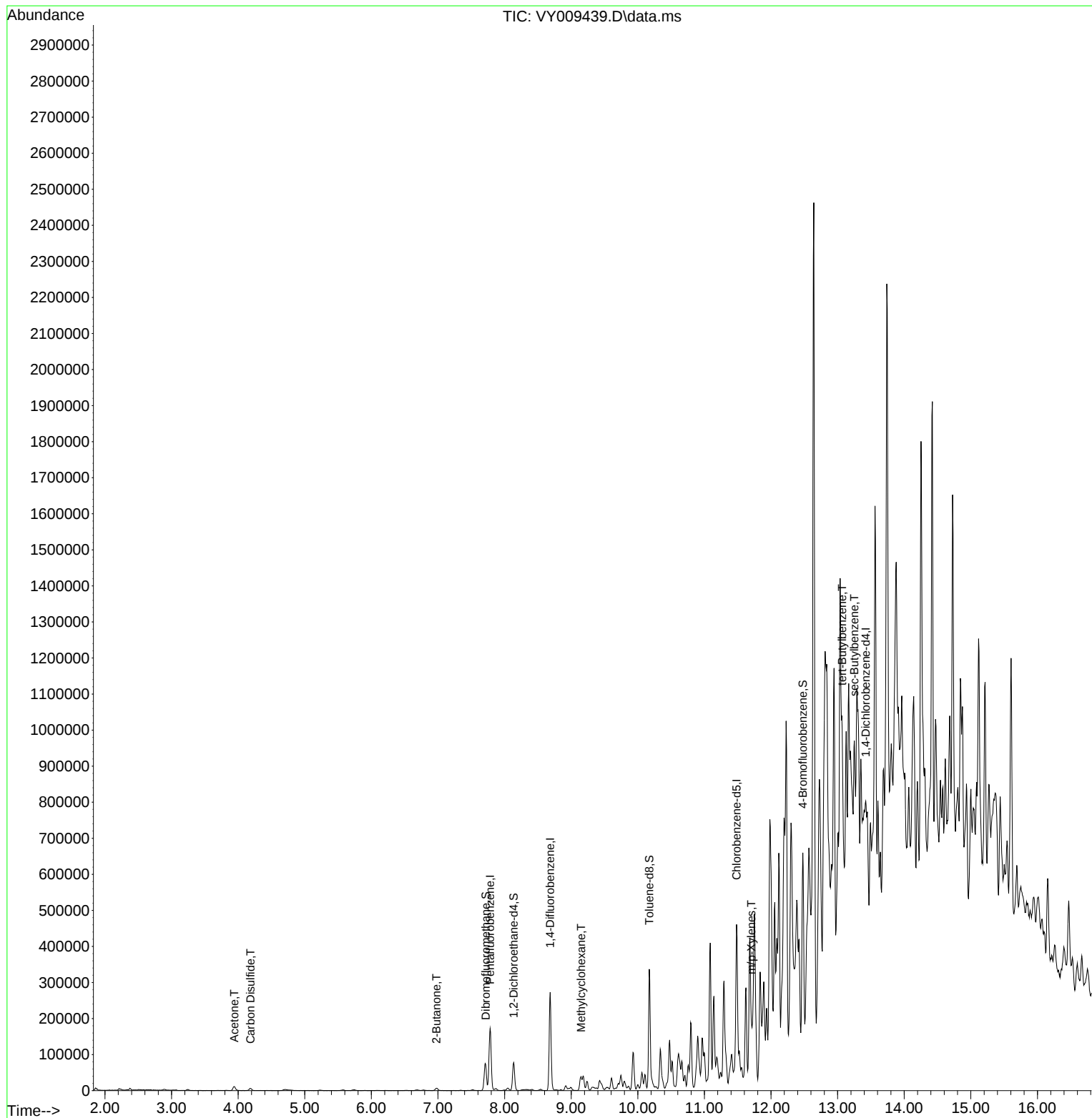
Internal Standards						
1) Pentafluorobenzene	7.783	168	134555	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	222020	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	196712	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	84164	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	59677	55.373	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.740%	
35) Dibromofluoromethane	7.716	113	52361	42.851	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 85.700%	
50) Toluene-d8	10.173	98	201418	53.762	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 107.520%	
62) 4-Bromofluorobenzene	12.477	95	97739	55.007	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 110.020%	
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	19886	56.184	ug/l	99
17) Carbon Disulfide	4.186	76	11837	3.518	ug/l	97
25) 2-Butanone	6.978	43	10815	19.273	ug/l	93
39) Methylcyclohexane	9.148	83	9223	3.647	ug/l #	45
68) m/p-Xylenes	11.703	106	5069	1.736	ug/l	87
83) tert-Butylbenzene	13.068	119	10512	2.407	ug/l #	60
85) sec-Butylbenzene	13.251	105	15925	2.421	ug/l #	1

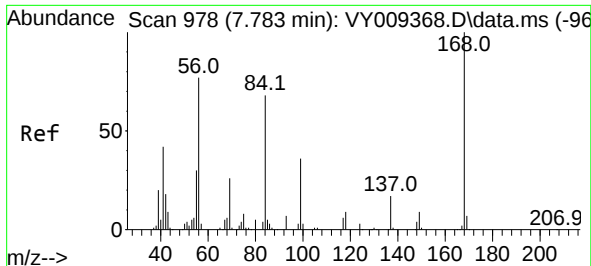
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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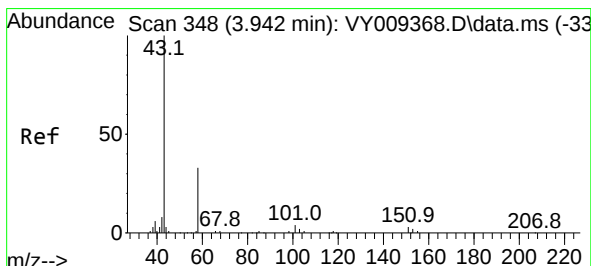
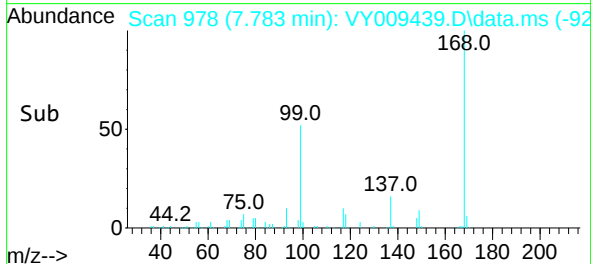
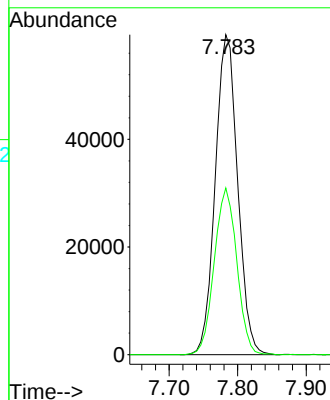
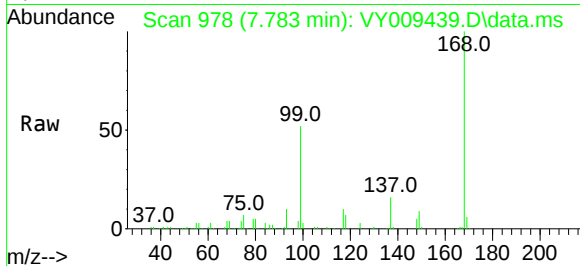




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009439.D
Acq: 05 Jul 2022 15:54

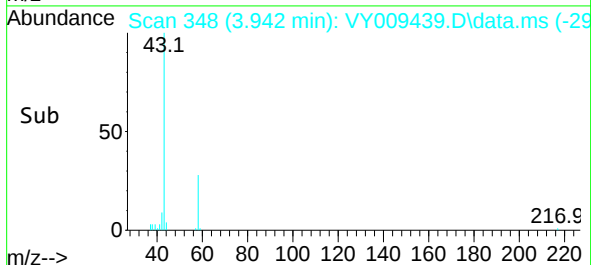
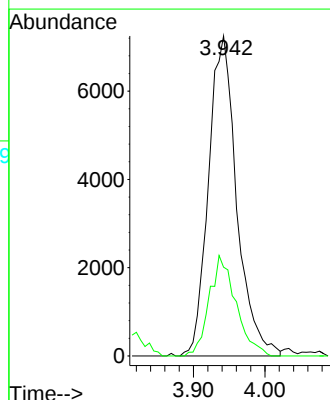
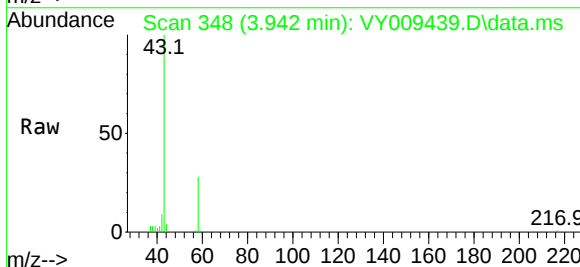
Instrument :
MSVOA_Y
ClientSampleId :
WC-16-2-5-GR

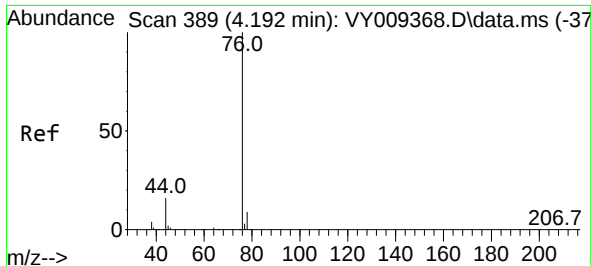
Tgt Ion:168 Resp: 134555
Ion Ratio Lower Upper
168 100
99 52.1 46.9 70.3



#16
Acetone
Concen: 56.184 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY009439.D
Acq: 05 Jul 2022 15:54

Tgt Ion: 43 Resp: 19886
Ion Ratio Lower Upper
43 100
58 27.8 22.0 33.0

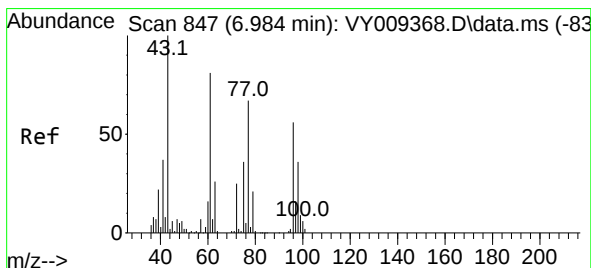
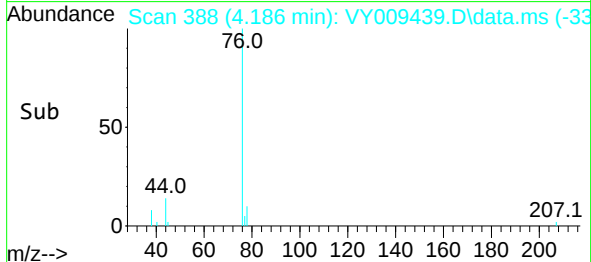
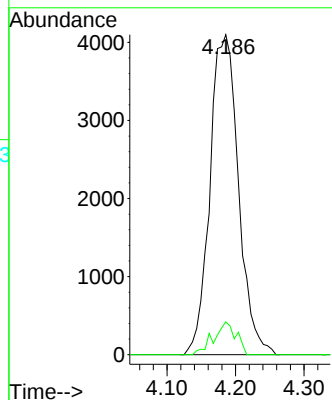
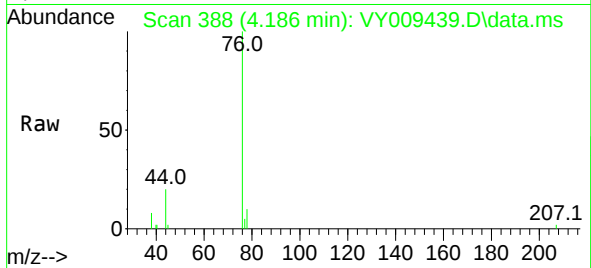




#17
Carbon Disulfide
Concen: 3.518 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY009439.D
Acq: 05 Jul 2022 15:54

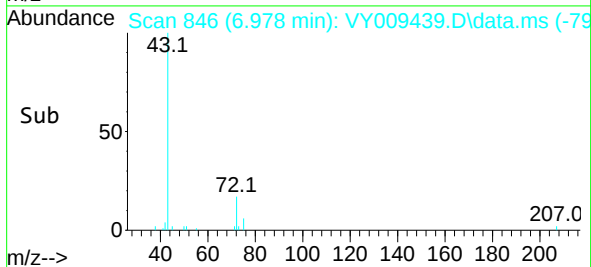
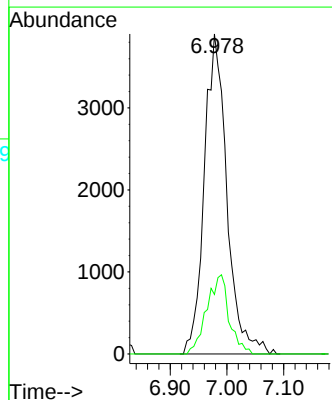
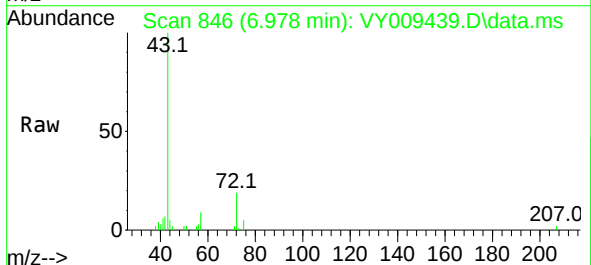
Instrument :
MSVOA_Y
ClientSampleId :
WC-16-2-5-GR

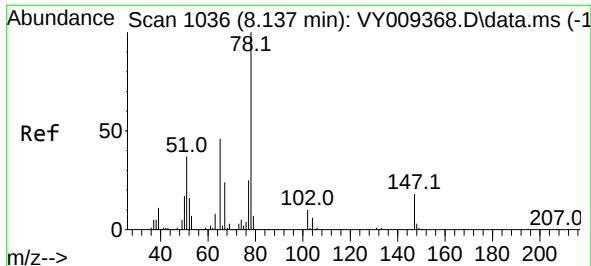
Tgt Ion: 76 Resp: 11837
Ion Ratio Lower Upper
76 100
78 10.2 7.4 11.0



#25
2-Butanone
Concen: 19.273 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009439.D
Acq: 05 Jul 2022 15:54

Tgt Ion: 43 Resp: 10815
Ion Ratio Lower Upper
43 100
72 18.6 17.7 26.5

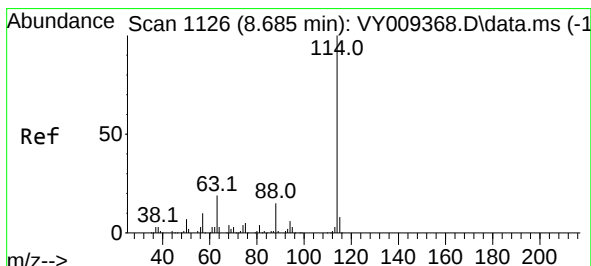
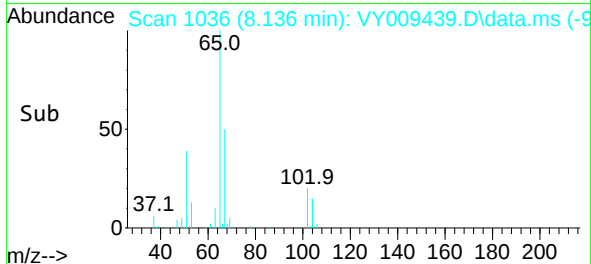
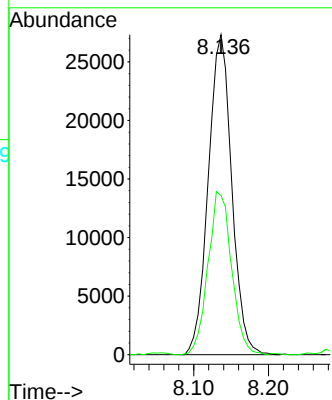
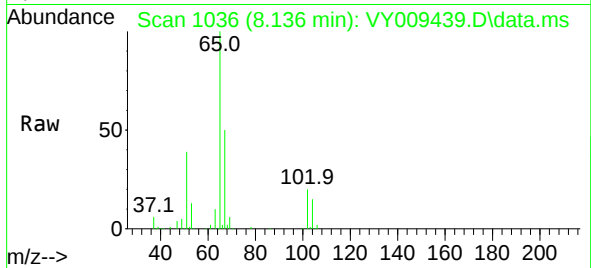




#33
 1,2-Dichloroethane-d4
 Concen: 55.373 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY009439.D
 Acq: 05 Jul 2022 15:54

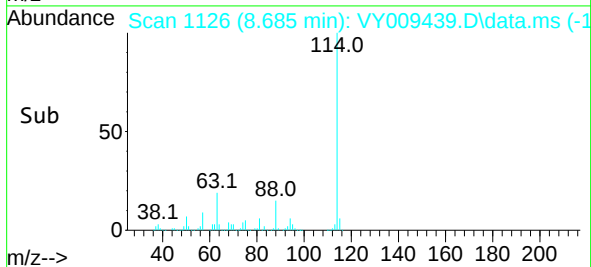
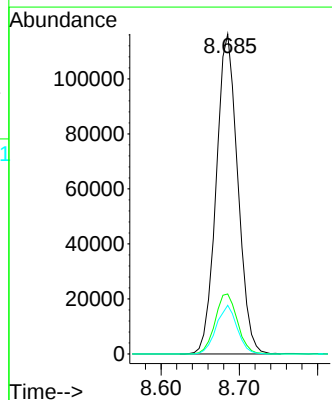
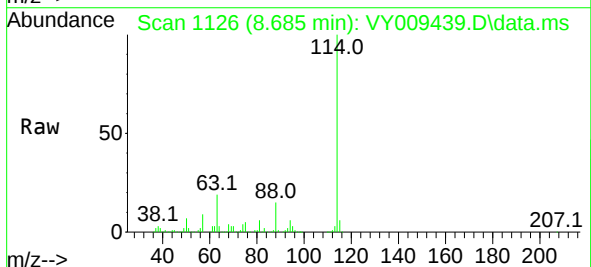
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-16-2-5-GR

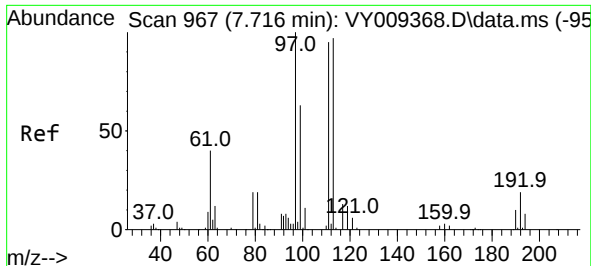
Tgt Ion: 65 Resp: 59677
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY009439.D
 Acq: 05 Jul 2022 15:54

Tgt Ion: 114 Resp: 222020
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 43.2
 88 15.2 0.0 31.8

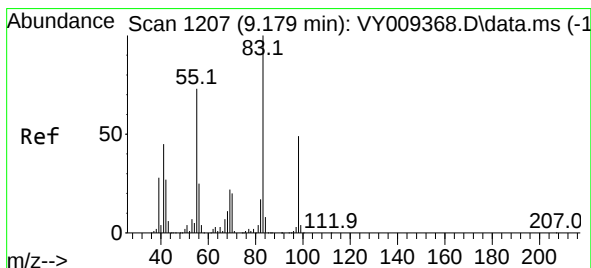
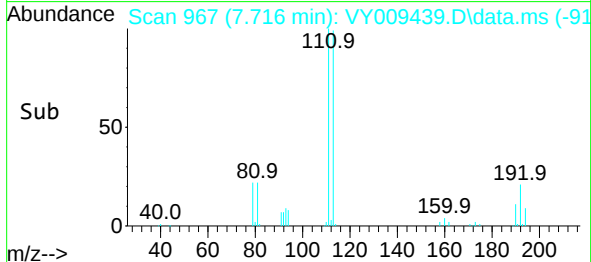
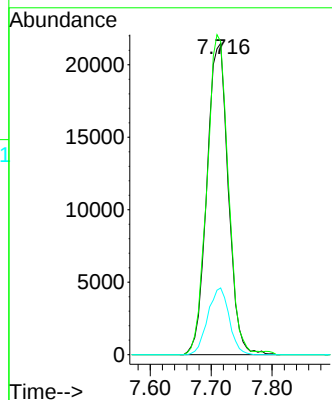
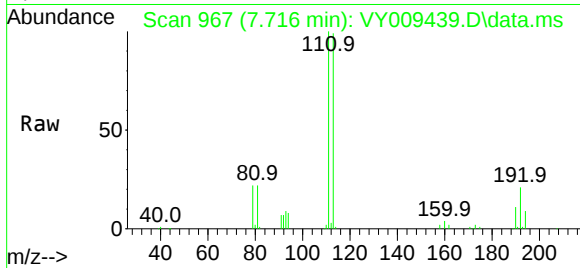




#35
Dibromofluoromethane
Concen: 42.851 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009439.D
Acq: 05 Jul 2022 15:54

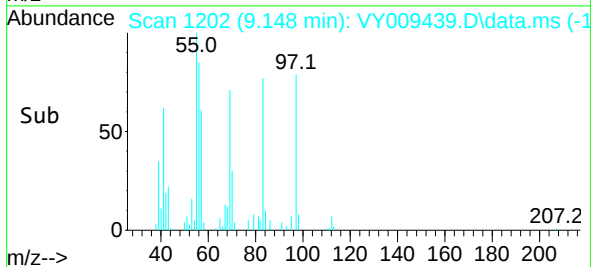
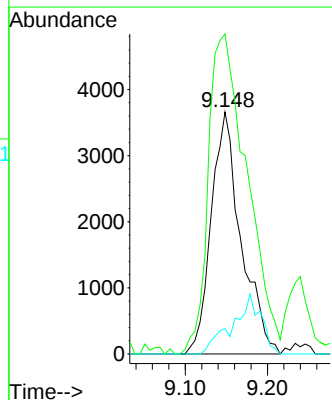
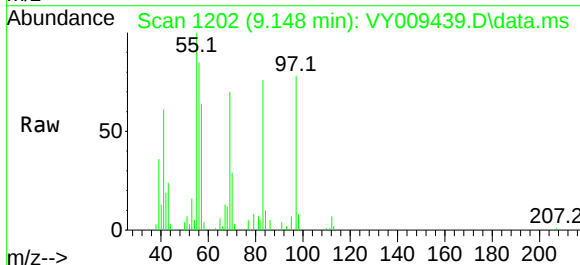
Instrument :
MSVOA_Y
ClientSampleId :
WC-16-2-5-GR

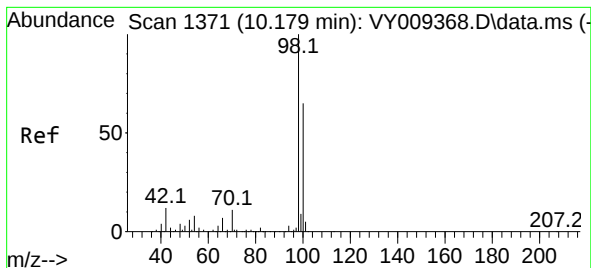
Tgt Ion:113 Resp: 52361
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 21.4 17.6 26.4



#39
Methylcyclohexane
Concen: 3.647 ug/l
RT: 9.148 min Scan# 1202
Delta R.T. -0.031 min
Lab File: VY009439.D
Acq: 05 Jul 2022 15:54

Tgt Ion: 83 Resp: 9223
Ion Ratio Lower Upper
83 100
55 132.3 66.5 99.7#
98 10.5 37.9 56.9#





#50

Toluene-d8

Concen: 53.762 ug/l

RT: 10.173 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY009439.D

Acq: 05 Jul 2022 15:54

Instrument :

MSVOA_Y

ClientSampleId :

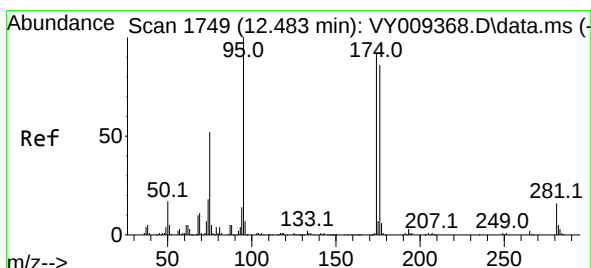
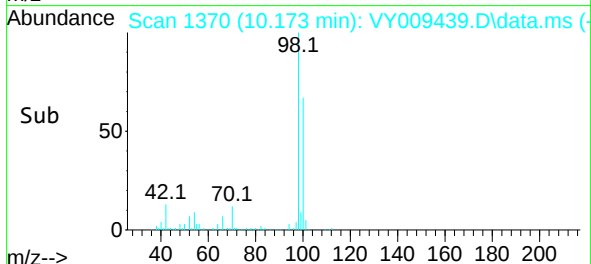
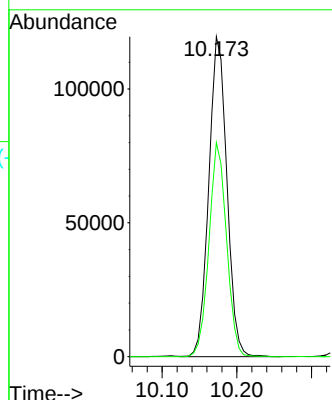
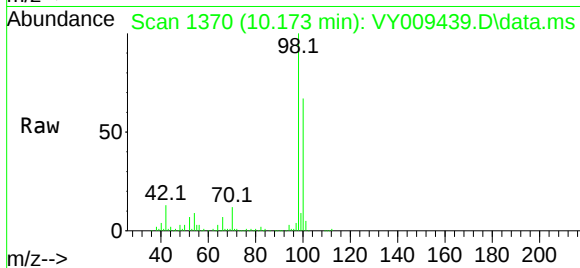
WC-16-2-5-GR

Tgt Ion: 98 Resp: 201418

Ion Ratio Lower Upper

98 100

100 64.9 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 55.007 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY009439.D

Acq: 05 Jul 2022 15:54

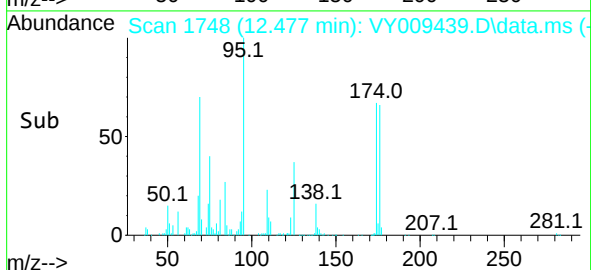
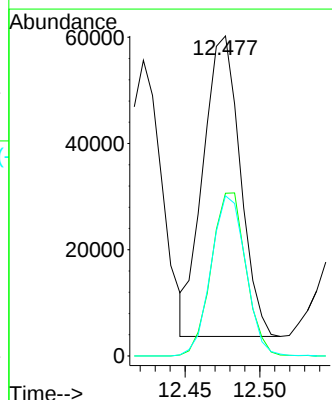
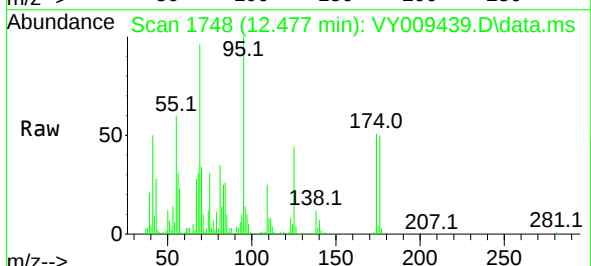
Tgt Ion: 95 Resp: 97739

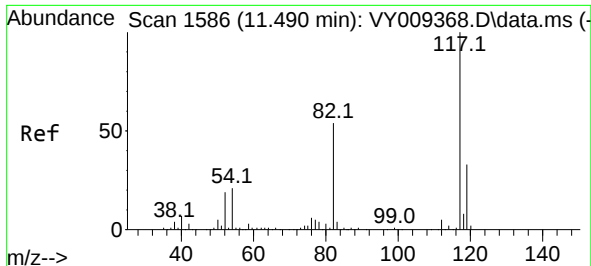
Ion Ratio Lower Upper

95 100

174 50.7 0.0 177.0

176 49.6 0.0 175.8

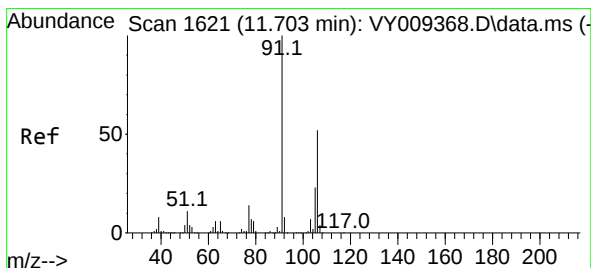
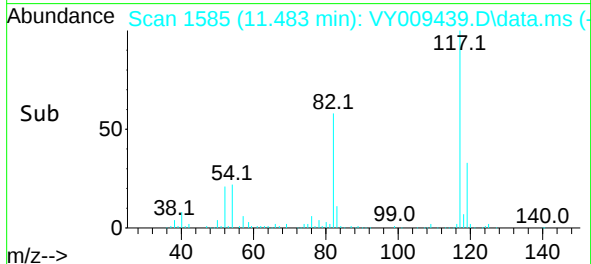
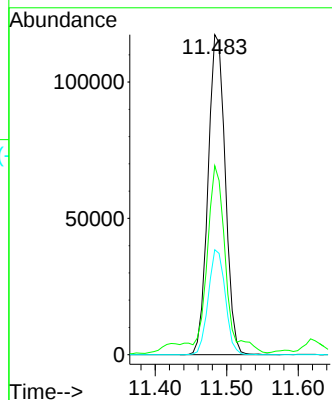
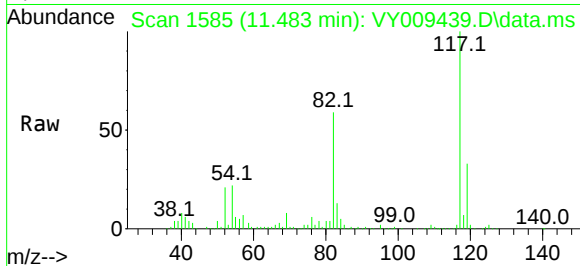




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 117
Delta R.T. -0.007 min
Lab File: VY009439.D
Acq: 05 Jul 2022 15:54

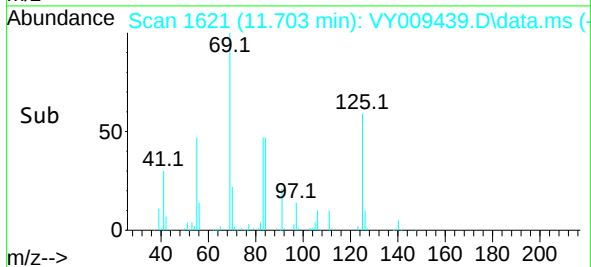
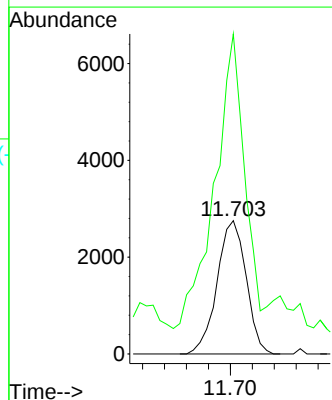
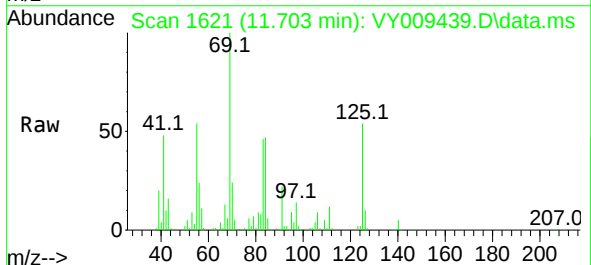
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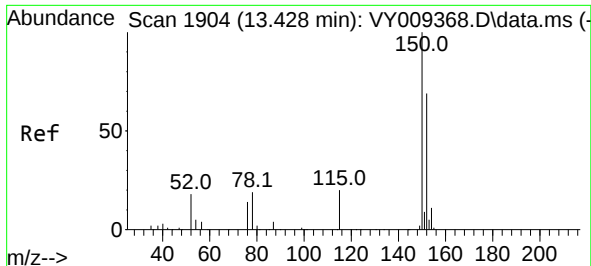
Tgt Ion:117 Resp: 196712
Ion Ratio Lower Upper
117 100
82 57.8 43.0 64.4
119 32.8 25.4 38.0



#68
m/p-Xylenes
Concen: 1.736 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VY009439.D
Acq: 05 Jul 2022 15:54

Tgt Ion:106 Resp: 5069
Ion Ratio Lower Upper
106 100
91 228.7 166.6 249.8

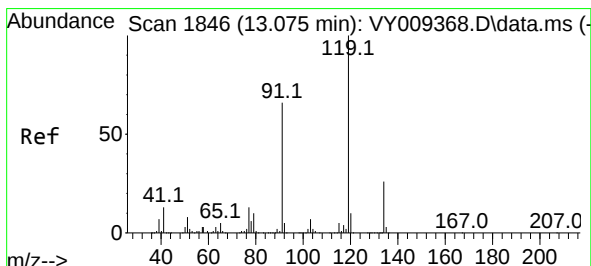
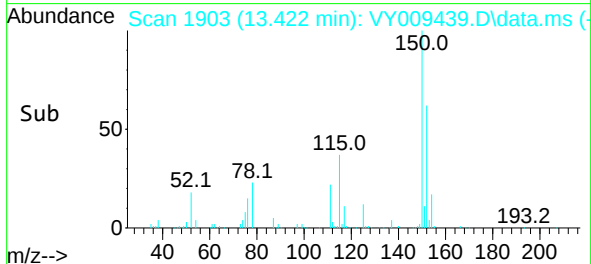
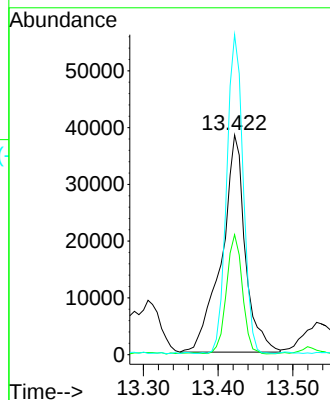
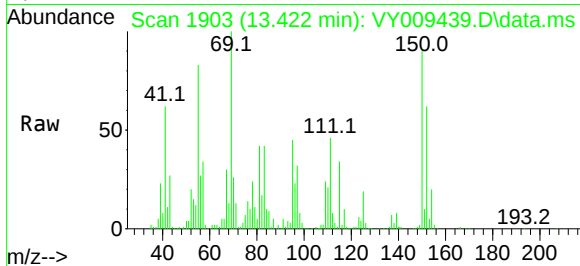




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009439.D
Acq: 05 Jul 2022 15:54

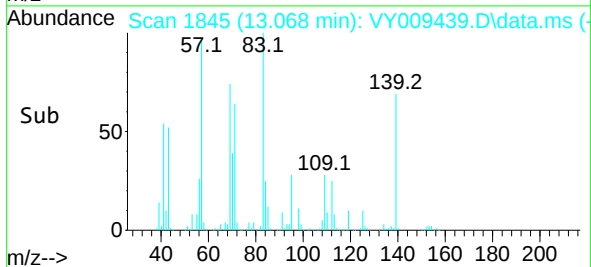
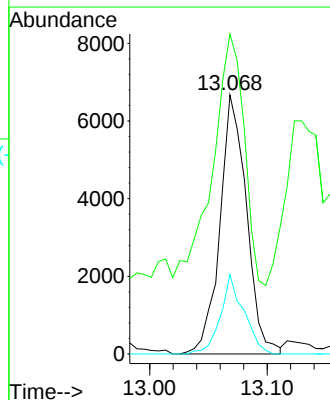
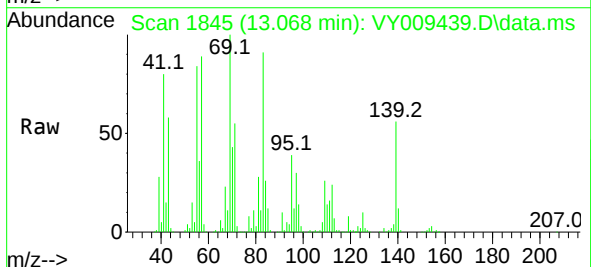
Instrument :
MSVOA_Y
ClientSampleId :
WC-16-2-5-GR

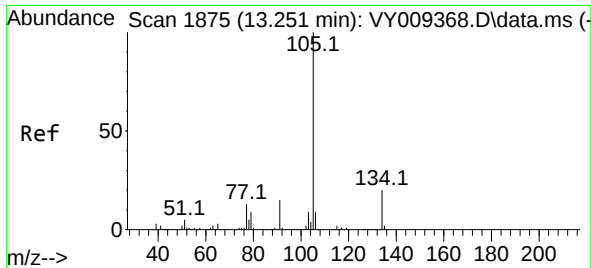
Tgt Ion:152 Resp: 84164
Ion Ratio Lower Upper
152 100
115 37.1 28.2 84.7
150 101.9 0.0 347.6



#83
tert-Butylbenzene
Concen: 2.407 ug/l
RT: 13.068 min Scan# 1845
Delta R.T. -0.007 min
Lab File: VY009439.D
Acq: 05 Jul 2022 15:54

Tgt Ion:119 Resp: 10512
Ion Ratio Lower Upper
119 100
91 115.0 34.8 104.4#
134 26.8 13.3 39.9





#85
 sec-Butylbenzene
 Concen: 2.421 ug/l
 RT: 13.251 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY009439.D
 Acq: 05 Jul 2022 15:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-16-2-5-GR

Tgt Ion:105 Resp: 15925
 Ion Ratio Lower Upper
 105 100
 134 79.4 10.2 30.4#

