

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092822\
 Data File : VY010719.D
 Acq On : 28 Sep 2022 16:14
 Operator : KP/MD
 Sample : N4850-04
 Misc : 4.98g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-14B-SP-2-GR

Quant Time: Sep 29 01:13:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

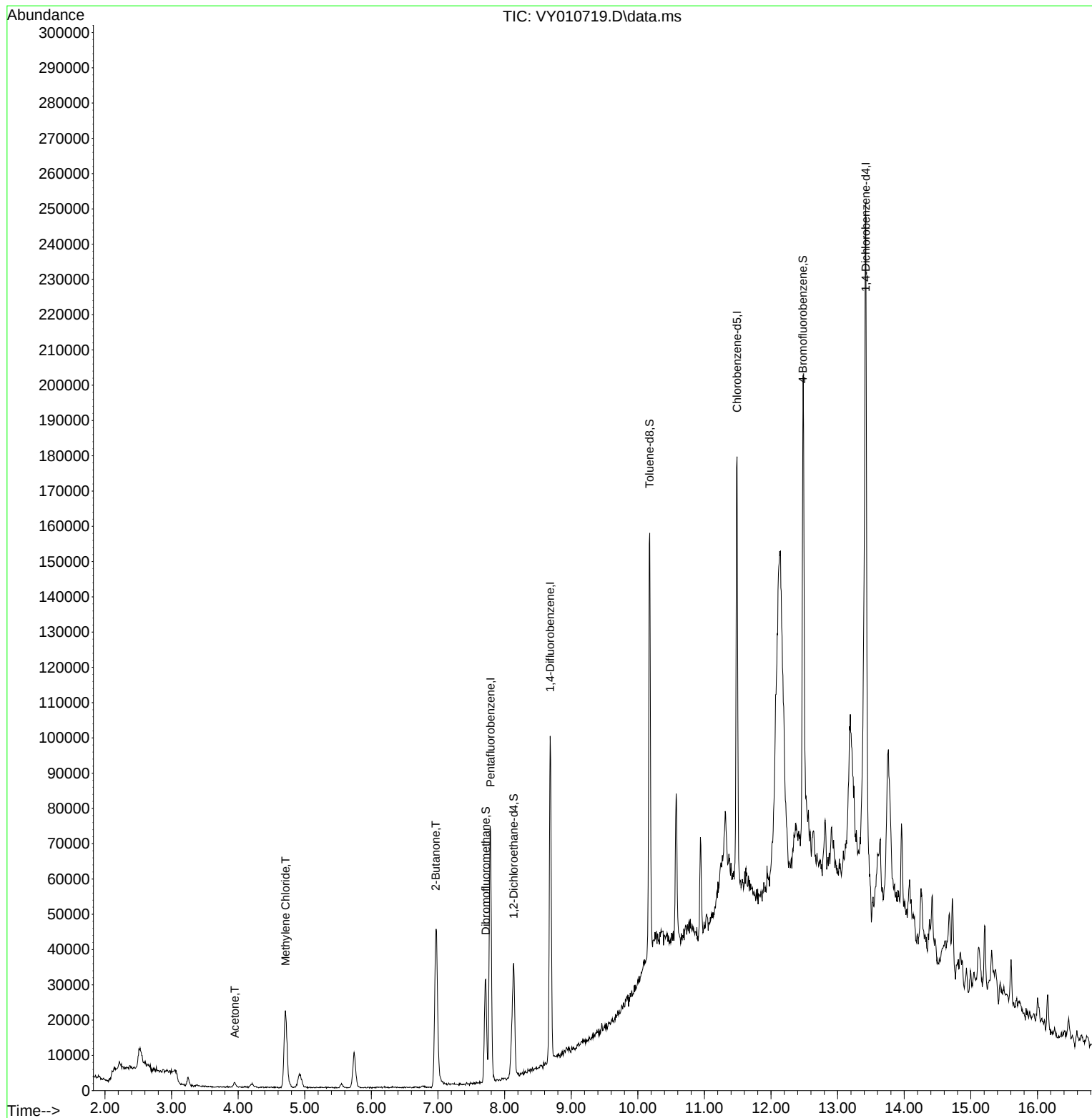
Internal Standards						
1) Pentafluorobenzene	7.789	168	56434	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	77997	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	66450	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	32162	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	21125	39.136	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.280%
35) Dibromofluoromethane	7.716	113	21210	42.609	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.220%
50) Toluene-d8	10.179	98	80361	44.077	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.160%
62) 4-Bromofluorobenzene	12.477	95	27748	40.107	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.220%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	2550	23.166	ug/l	95
20) Methylene Chloride	4.710	84	16718	21.847	ug/l	88
25) 2-Butanone	6.966	43	2843	16.512	ug/l	93

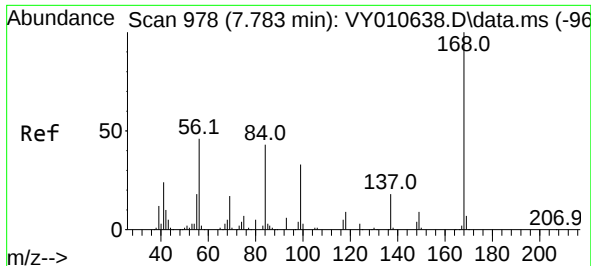
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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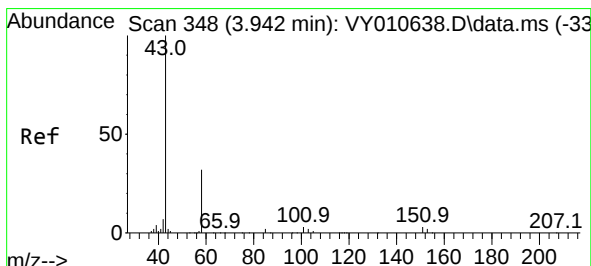
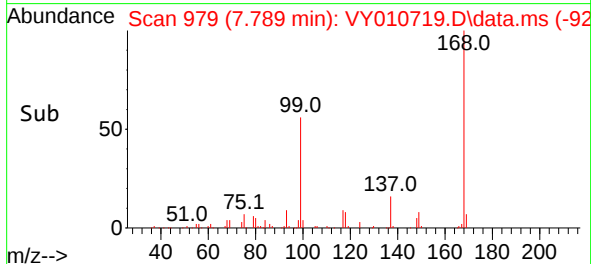
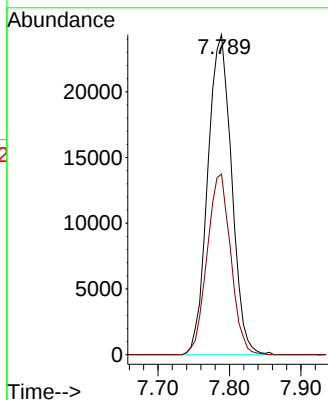
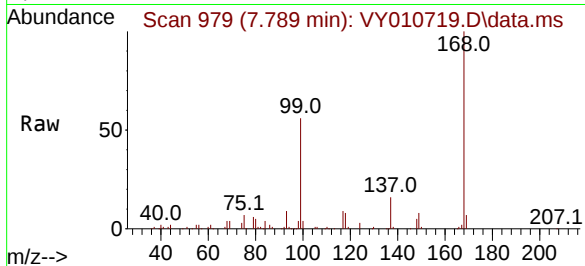




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010719.D
Acq: 28 Sep 2022 16:14

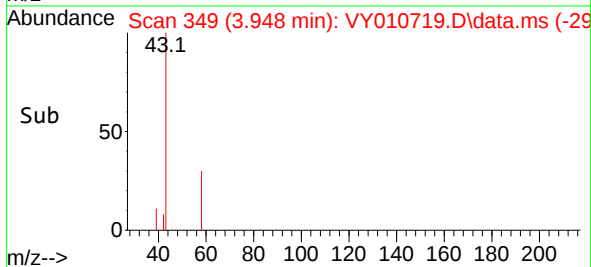
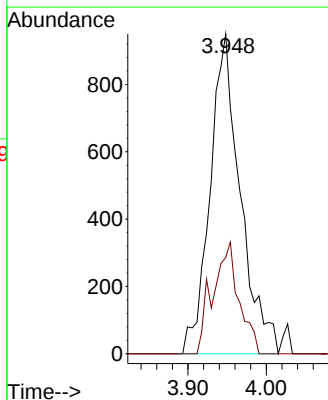
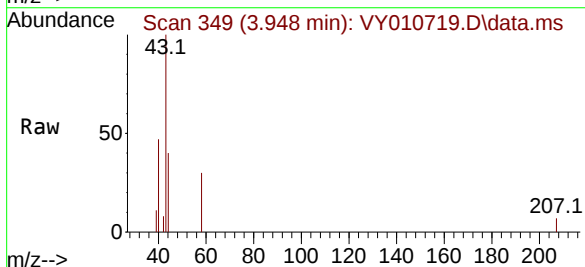
Instrument :
MSVOA_Y
ClientSampleId :
WC-14B-SP-2-GR

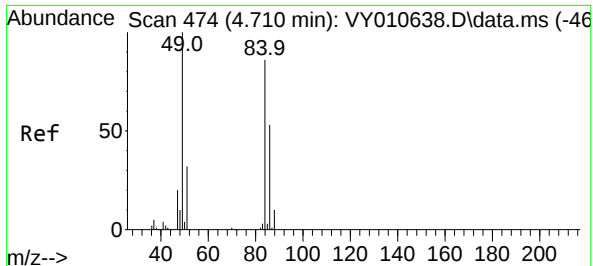
Tgt Ion:168 Resp: 56434
Ion Ratio Lower Upper
168 100
99 56.5 46.9 70.3



#16
Acetone
Concen: 23.166 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.012 min
Lab File: VY010719.D
Acq: 28 Sep 2022 16:14

Tgt Ion: 43 Resp: 2550
Ion Ratio Lower Upper
43 100
58 30.1 22.0 33.0

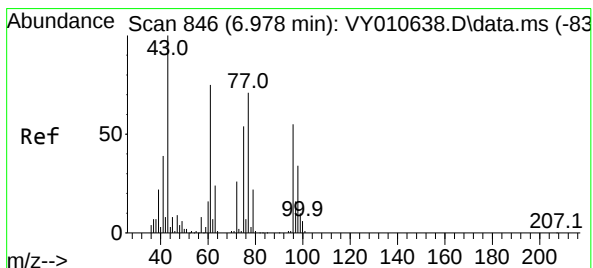
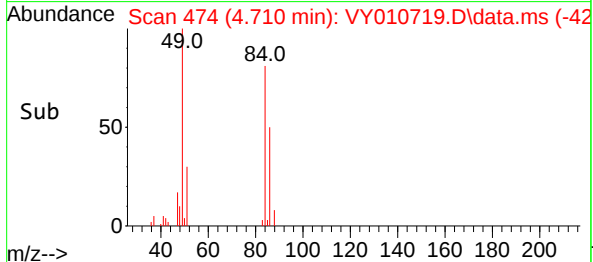
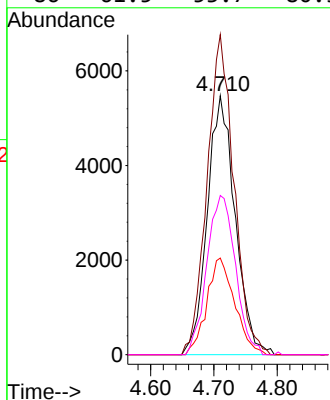
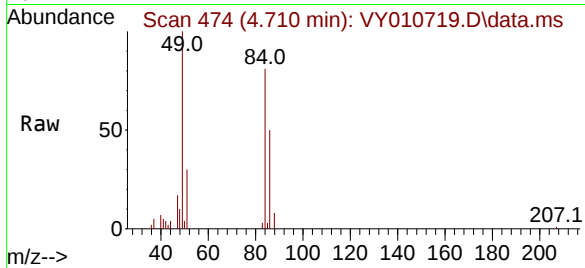




#20
Methylene Chloride
Concen: 21.847 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010719.D
Acq: 28 Sep 2022 16:14

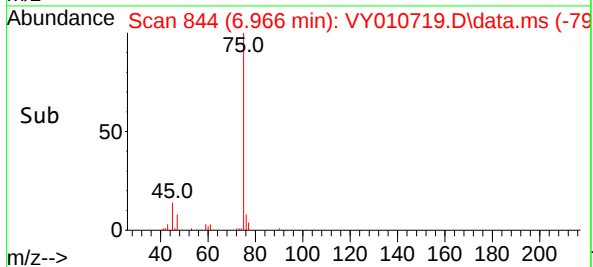
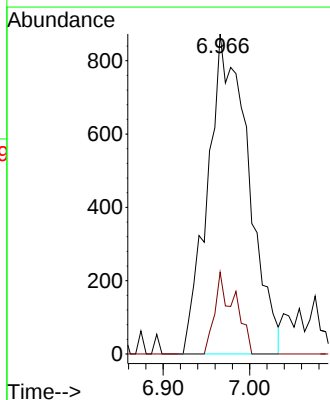
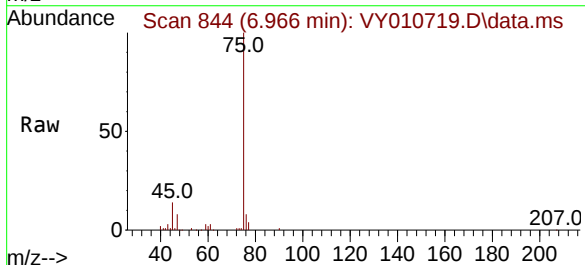
Instrument :
MSVOA_Y
ClientSampleId :
WC-14B-SP-2-GR

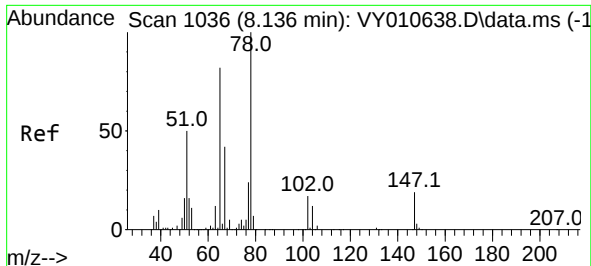
Tgt Ion:	84	Resp:	16718
Ion	Ratio	Lower	Upper
84	100		
49	123.6	114.4	171.6
51	37.3	35.3	52.9
86	61.5	53.7	80.5



#25
2-Butanone
Concen: 16.512 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.012 min
Lab File: VY010719.D
Acq: 28 Sep 2022 16:14

Tgt Ion:	43	Resp:	2843
Ion	Ratio	Lower	Upper
43	100		
72	25.5	17.7	26.5





#33

1,2-Dichloroethane-d4

Concen: 39.136 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.001 min

Lab File: VY010719.D

Acq: 28 Sep 2022 16:14

Instrument :

MSVOA_Y

ClientSampleId :

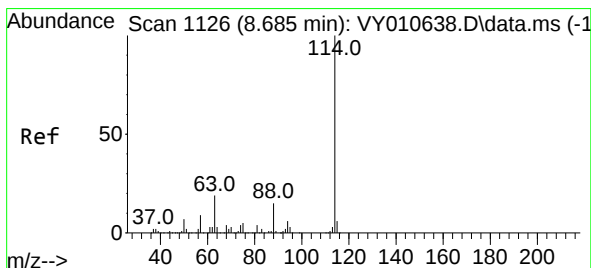
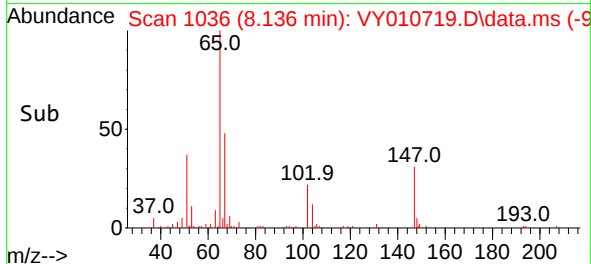
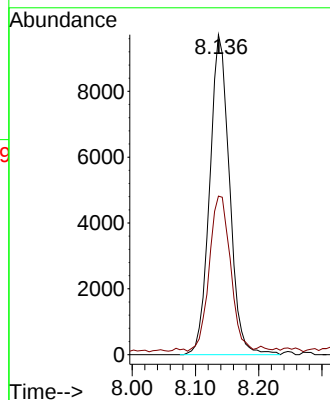
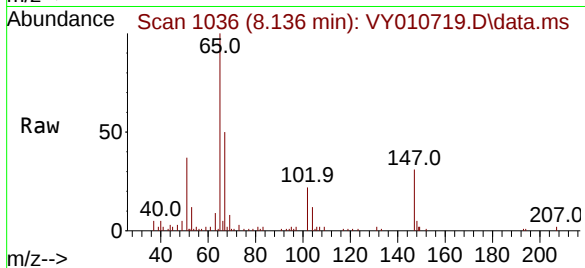
WC-14B-SP-2-GR

Tgt Ion: 65 Resp: 21125

Ion Ratio Lower Upper

65 100

67 51.9 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: VY010719.D

Acq: 28 Sep 2022 16:14

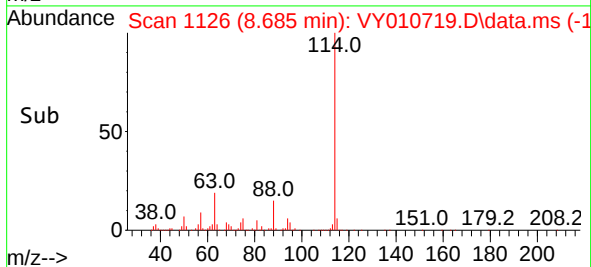
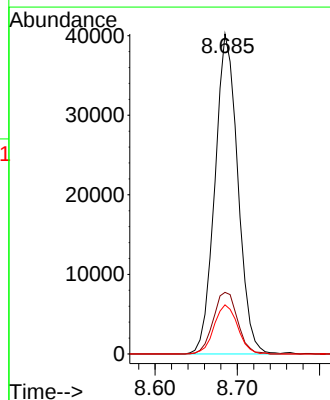
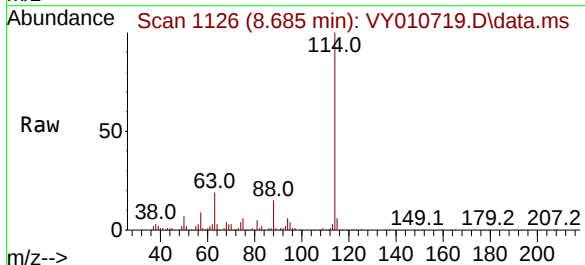
Tgt Ion:114 Resp: 77997

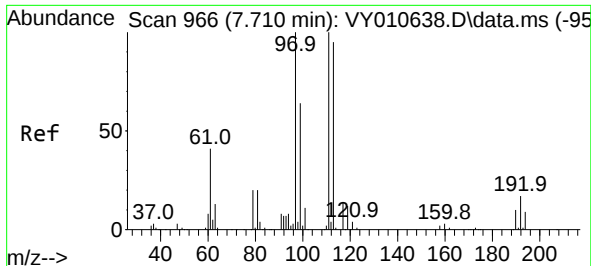
Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 15.3 0.0 31.8

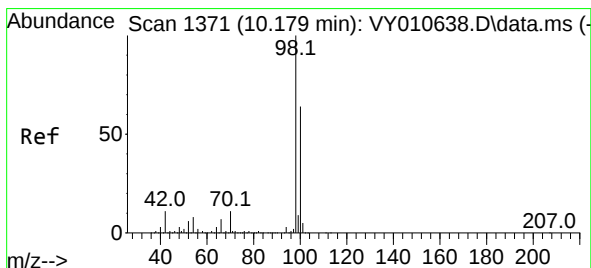
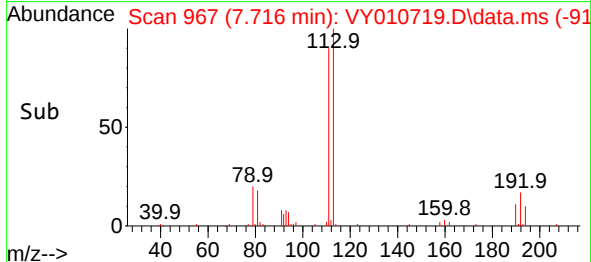
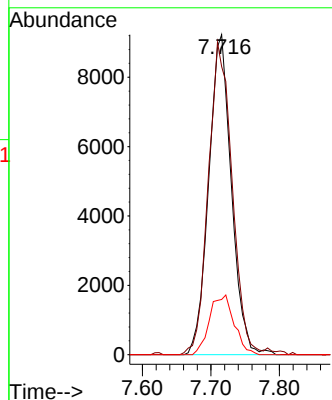
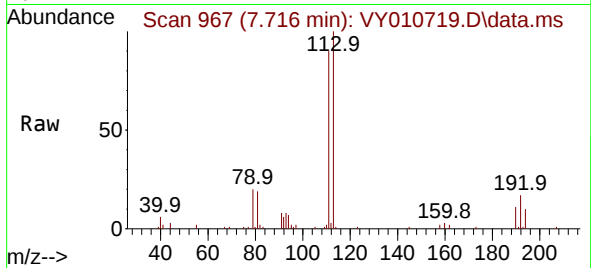




#35
Dibromofluoromethane
Concen: 42.609 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY010719.D
Acq: 28 Sep 2022 16:14

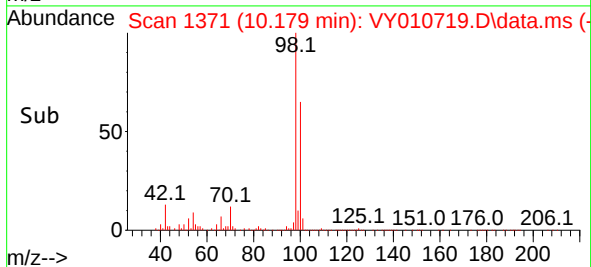
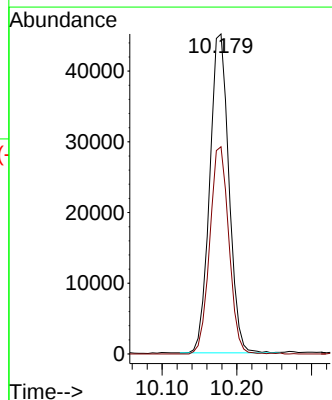
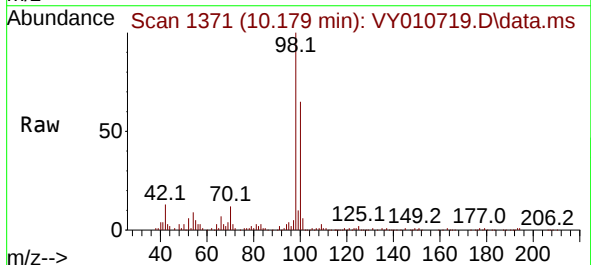
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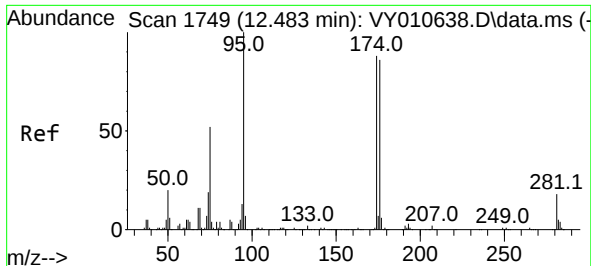
Tgt Ion:113 Resp: 21210
Ion Ratio Lower Upper
113 100
111 102.1 82.6 124.0
192 20.2 17.6 26.4



#50
Toluene-d8
Concen: 44.077 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010719.D
Acq: 28 Sep 2022 16:14

Tgt Ion: 98 Resp: 80361
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2

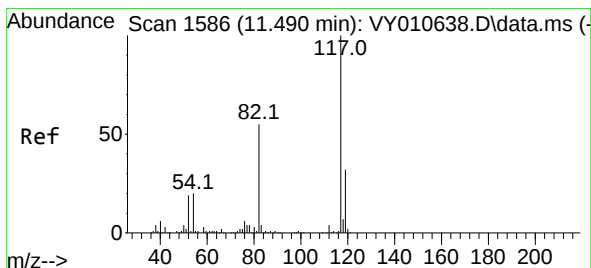
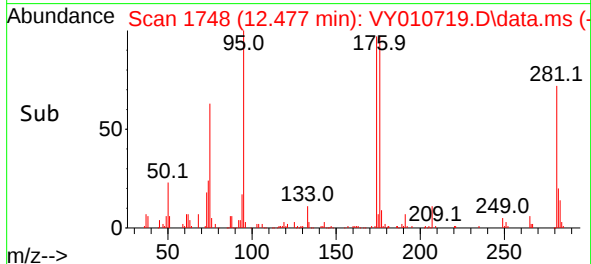
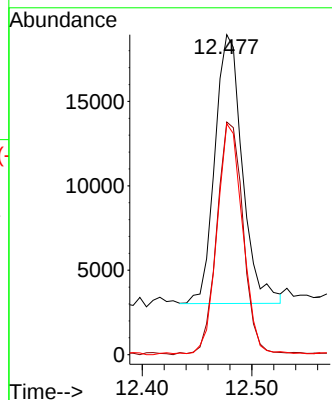
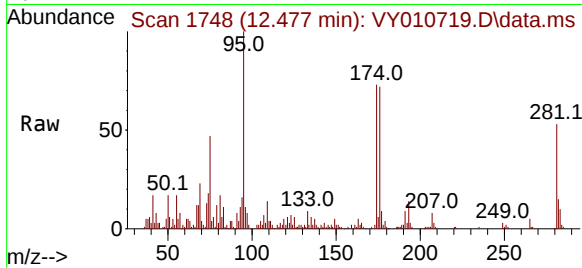




#62
4-Bromofluorobenzene
Concen: 40.107 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010719.D
Acq: 28 Sep 2022 16:14

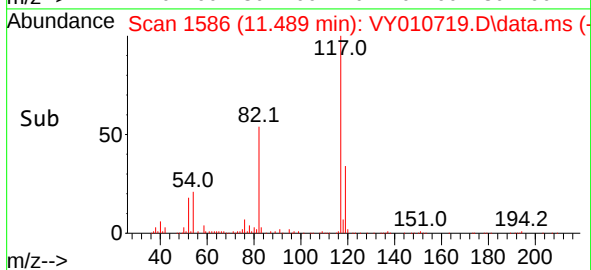
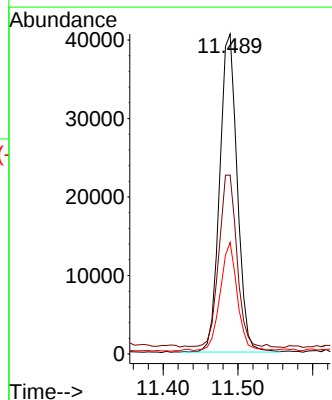
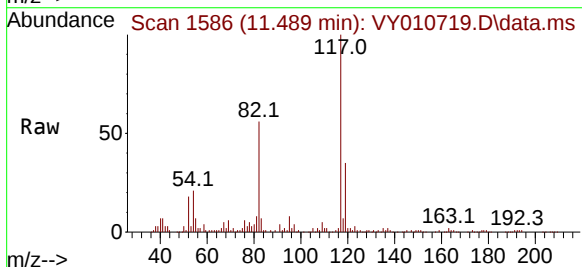
Instrument :
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ClientSampleId :
WC-14B-SP-2-GR

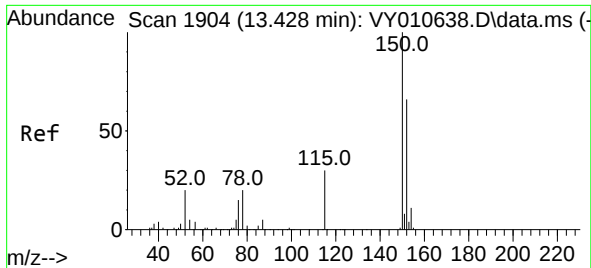
Tgt Ion: 95 Resp: 27748
Ion Ratio Lower Upper
95 100
174 83.0 0.0 177.0
176 79.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010719.D
Acq: 28 Sep 2022 16:14

Tgt Ion: 117 Resp: 66450
Ion Ratio Lower Upper
117 100
82 54.1 43.0 64.4
119 34.0 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: VY010719.D
 Acq: 28 Sep 2022 16:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-14B-SP-2-GR

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.9	28.2	84.7
150	150.2	0.0	347.6

