

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090222\
 Data File : VY010289.D
 Acq On : 02 Sep 2022 19:14
 Operator : KP/MD
 Sample : N4464-03
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-2

Quant Time: Sep 02 22:54:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

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

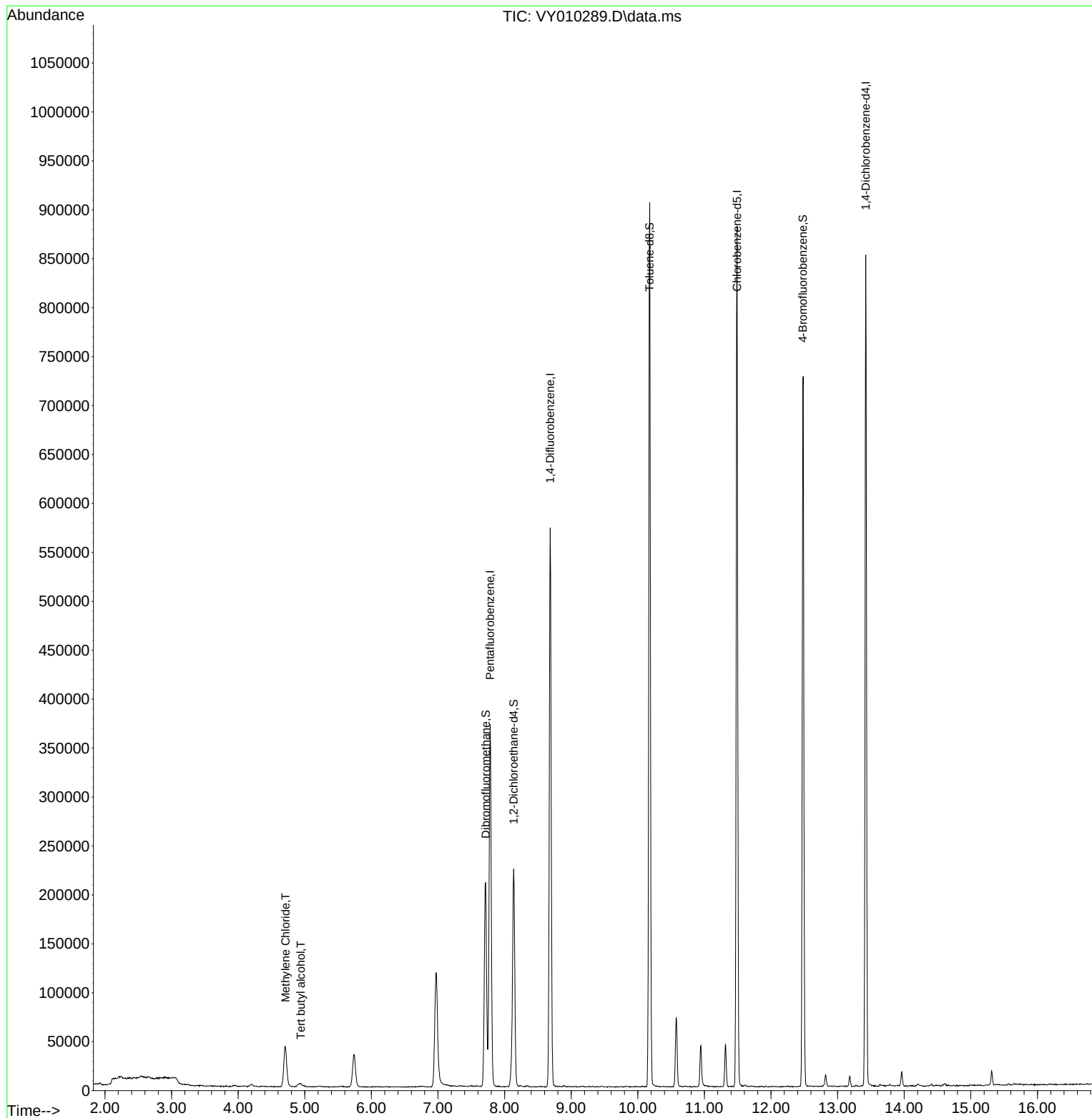
Internal Standards						
1) Pentafluorobenzene	7.783	168	290659	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	495216	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	464420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	218267	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	166943	56.014	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.020%
35) Dibromofluoromethane	7.716	113	150500	45.651	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.300%
50) Toluene-d8	10.179	98	593936	53.811	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.620%
62) 4-Bromofluorobenzene	12.477	95	212343	47.754	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.500%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	5077	14.239	ug/l #	95
20) Methylene Chloride	4.710	84	31696	8.815	ug/l	86

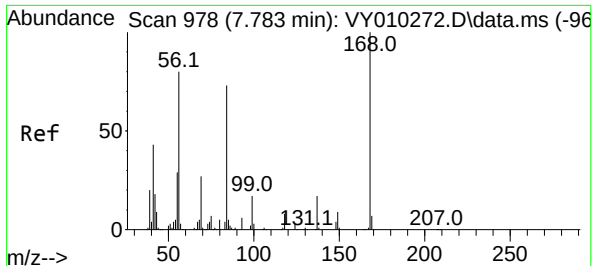
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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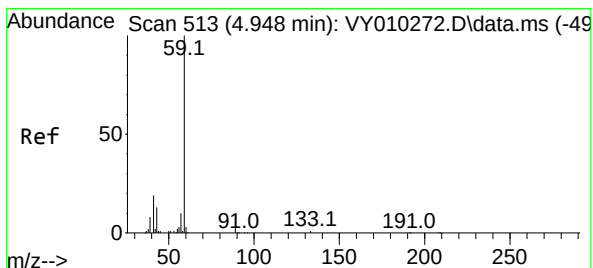
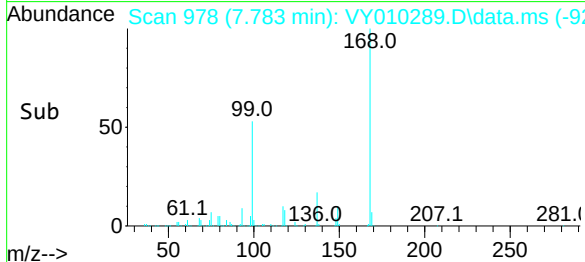
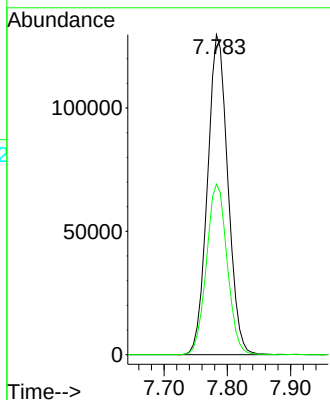
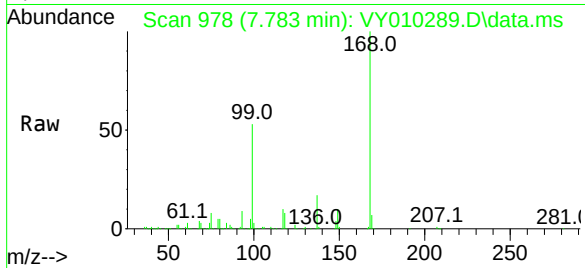




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010289.D
Acq: 02 Sep 2022 19:14

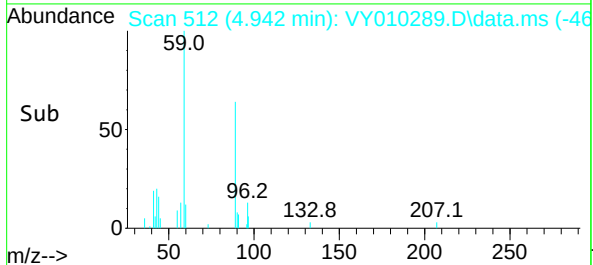
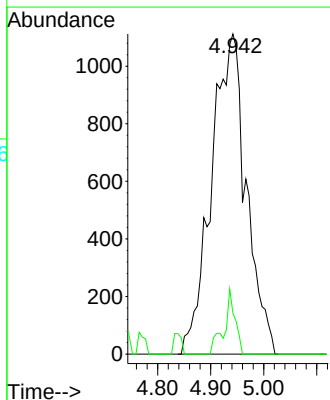
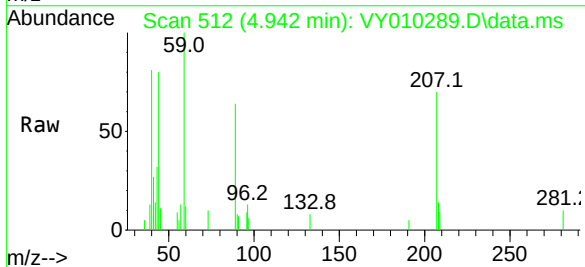
Instrument :
MSVOA_Y
ClientSampleId :
WC-2

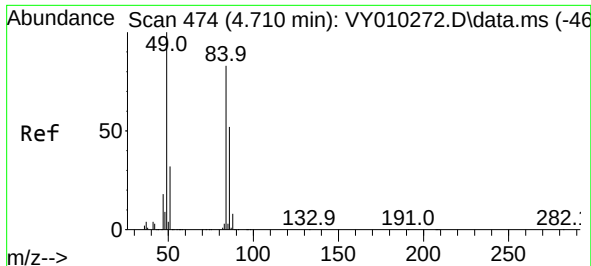
Tgt Ion:168 Resp: 290659
Ion Ratio Lower Upper
168 100
99 53.3 46.9 70.3



#11
Tert butyl alcohol
Concen: 14.239 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY010289.D
Acq: 02 Sep 2022 19:14

Tgt Ion: 59 Resp: 5077
Ion Ratio Lower Upper
59 100
57 6.4 6.4 9.6#

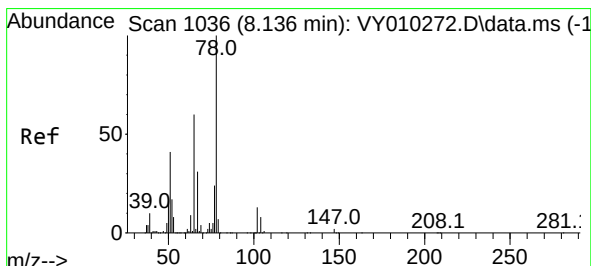
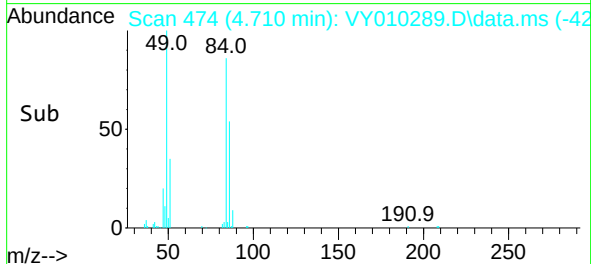
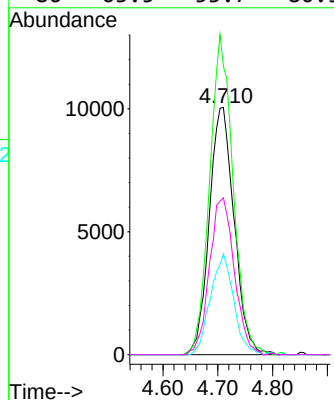
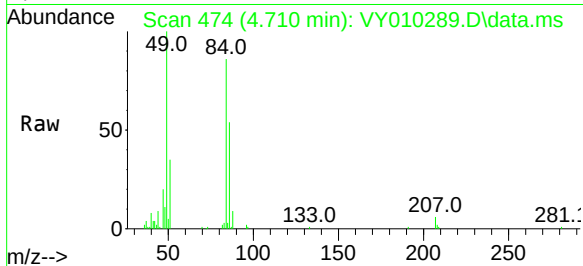




#20
Methylene Chloride
Concen: 8.815 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010289.D
Acq: 02 Sep 2022 19:14

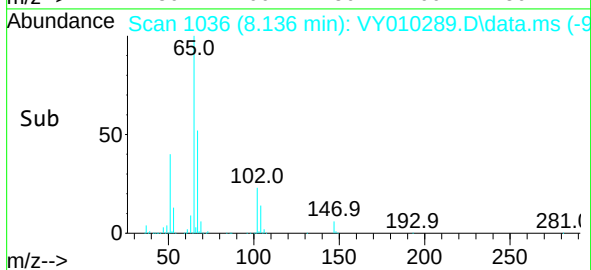
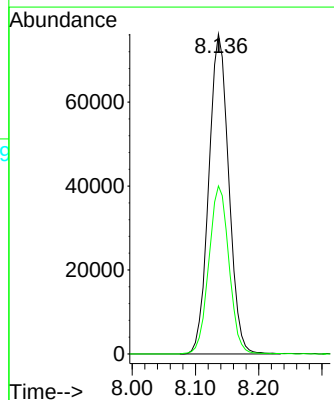
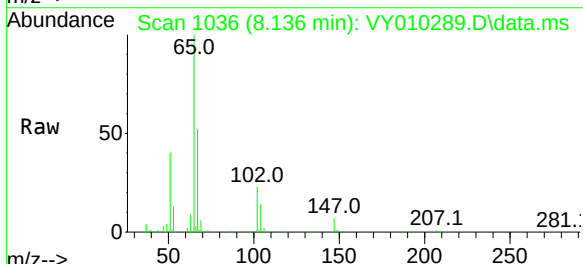
Instrument :
MSVOA_Y
ClientSampleId :
WC-2

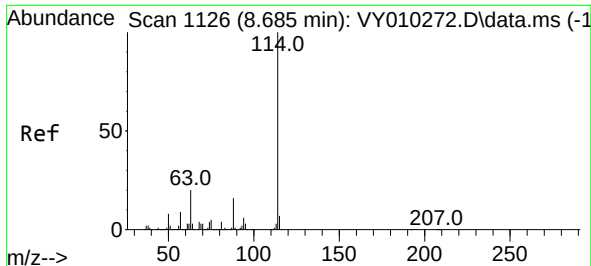
Tgt Ion:	84	Resp:	31696
Ion	Ratio	Lower	Upper
84	100		
49	116.7	114.4	171.6
51	40.7	35.3	52.9
86	63.5	53.7	80.5



#33
1,2-Dichloroethane-d4
Concen: 56.014 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010289.D
Acq: 02 Sep 2022 19:14

Tgt Ion:	65	Resp:	166943
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: VY010289.D

Acq: 02 Sep 2022 19:14

Instrument :

MSVOA_Y

ClientSampleId :

WC-2

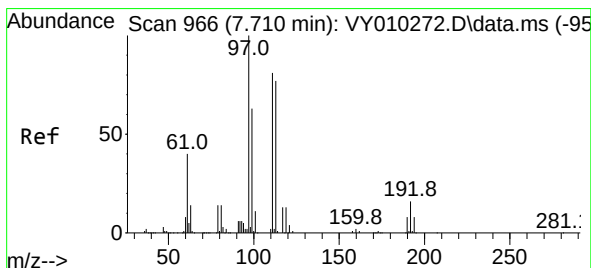
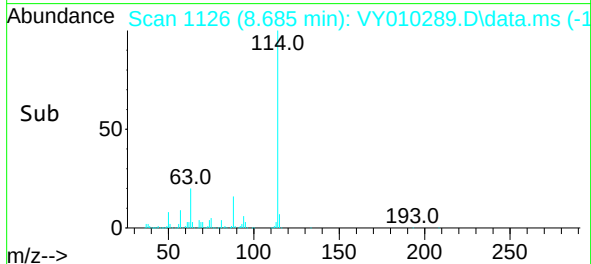
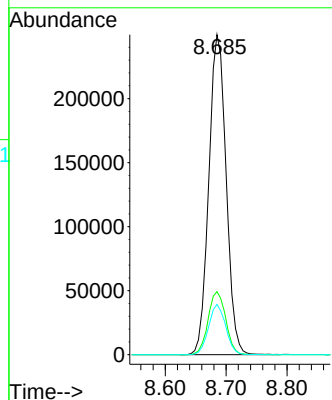
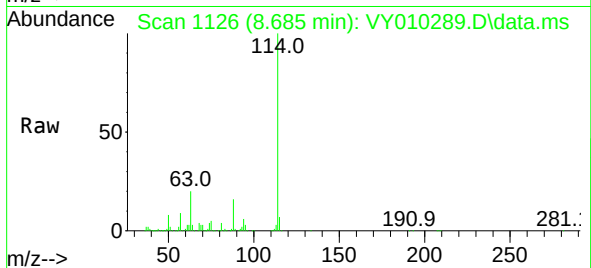
Tgt Ion:114 Resp: 495216

Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

88 15.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 45.651 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010289.D

Acq: 02 Sep 2022 19:14

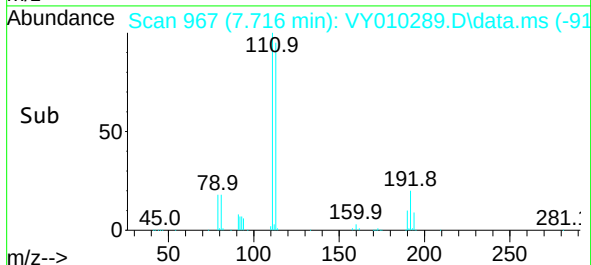
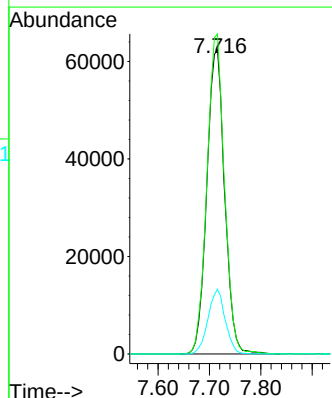
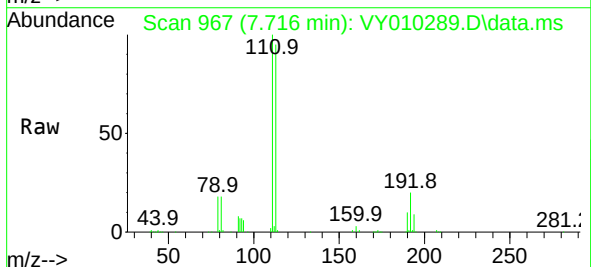
Tgt Ion:113 Resp: 150500

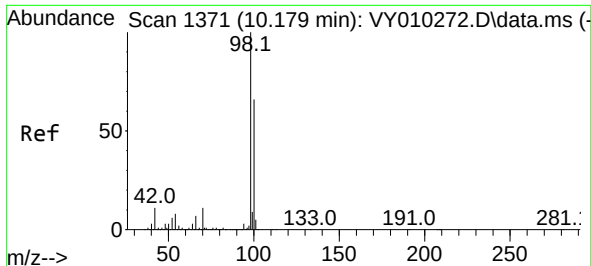
Ion Ratio Lower Upper

113 100

111 103.5 82.6 124.0

192 20.5 17.6 26.4

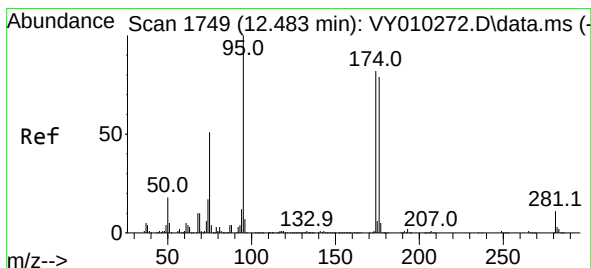
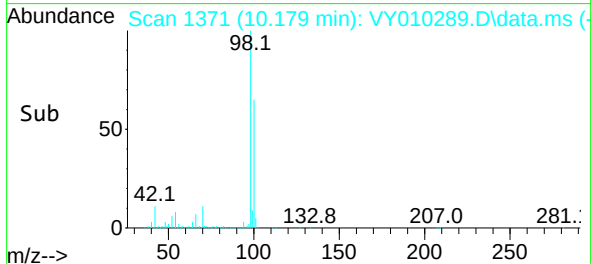
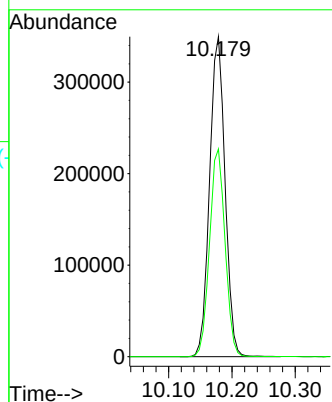
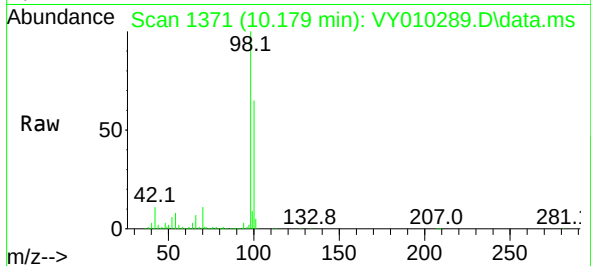




#50
Toluene-d8
Concen: 53.811 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010289.D
Acq: 02 Sep 2022 19:14

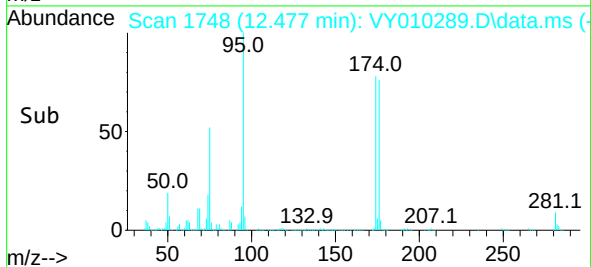
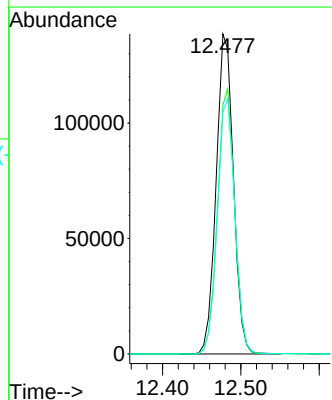
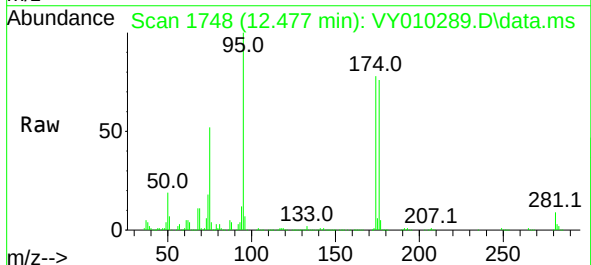
Instrument :
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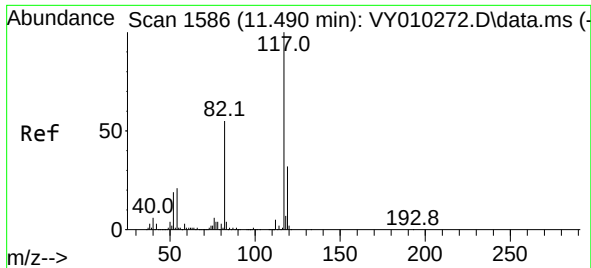
Tgt Ion: 98 Resp: 593936
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.754 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010289.D
Acq: 02 Sep 2022 19:14

Tgt Ion: 95 Resp: 212343
Ion Ratio Lower Upper
95 100
174 82.7 0.0 177.0
176 80.7 0.0 175.8

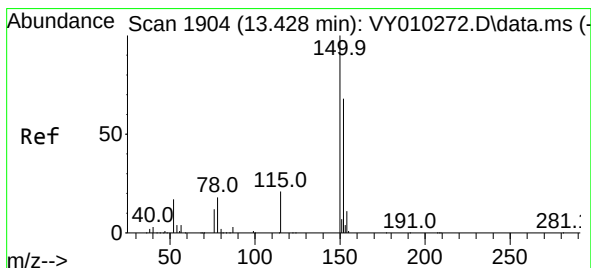
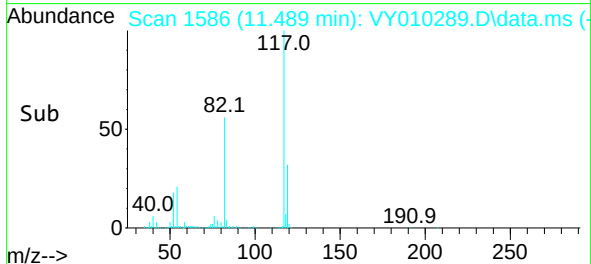
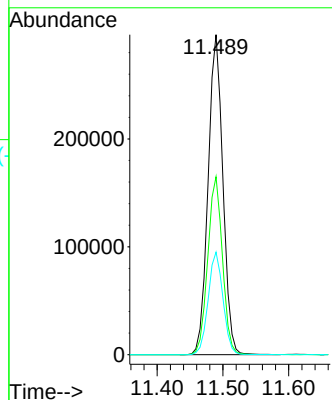
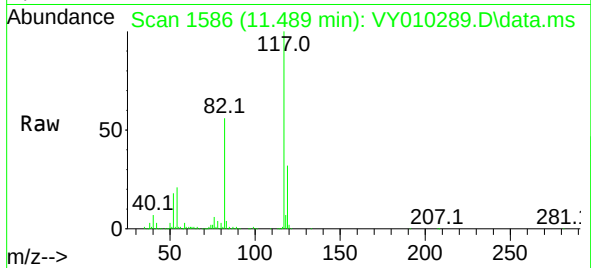




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010289.D
Acq: 02 Sep 2022 19:14

Instrument :
MSVOA_Y
ClientSampleId :
WC-2

Tgt Ion:117 Resp: 464420
Ion Ratio Lower Upper
117 100
82 55.6 43.0 64.4
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY010289.D
Acq: 02 Sep 2022 19:14

Tgt Ion:152 Resp: 218267
Ion Ratio Lower Upper
152 100
115 57.6 28.2 84.7
150 157.0 0.0 347.6

