

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
 Data File : VY009931.D
 Acq On : 09 Aug 2022 19:47
 Operator : KP/MD
 Sample : N4068-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-02-080522

Quant Time: Aug 09 23:10:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:55:50 2022
 Response via : Initial Calibration

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

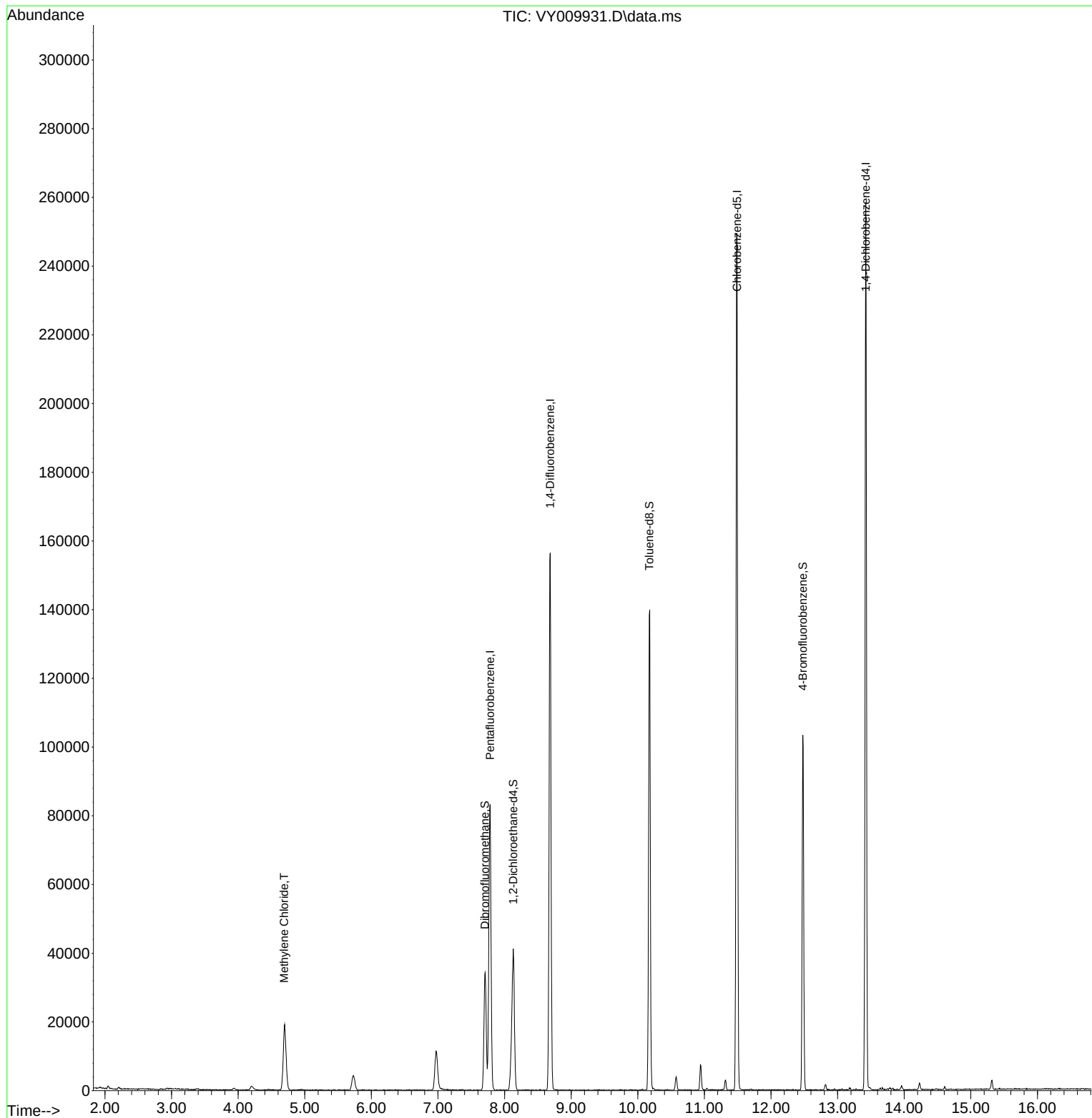
Internal Standards						
1) Pentafluorobenzene	7.783	168	64057	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	132597	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	134355	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	62354	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	25972	52.024	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.040%
35) Dibromofluoromethane	7.704	113	24926	34.629	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	69.260%
50) Toluene-d8	10.173	98	92720	41.363	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	82.720%
62) 4-Bromofluorobenzene	12.477	95	30161	30.010	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	60.020%
Target Compounds						
20) Methylene Chloride	4.692	84	13974	9.089	ug/l	97

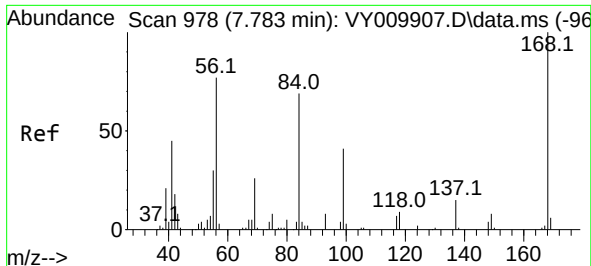
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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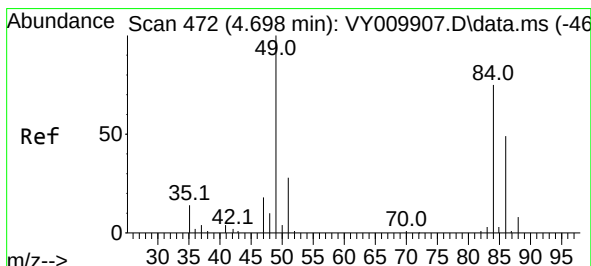
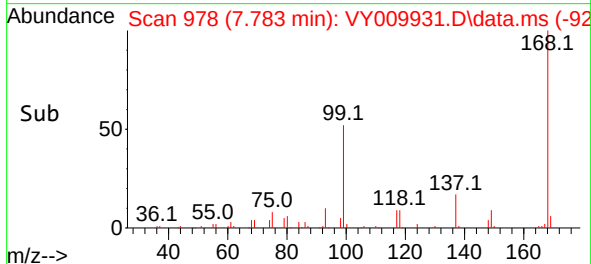
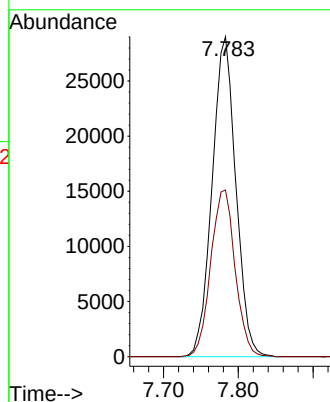
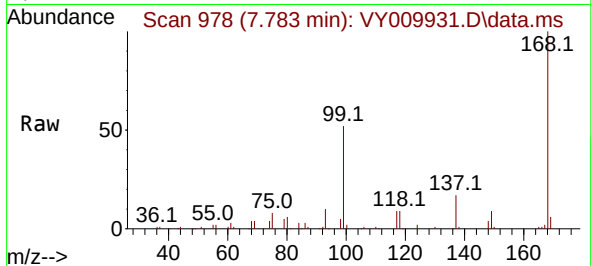




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009931.D
Acq: 09 Aug 2022 19:47

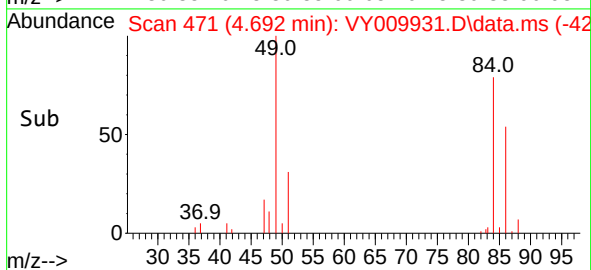
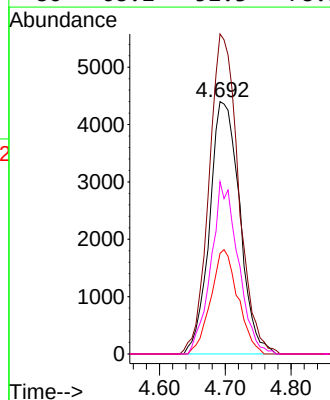
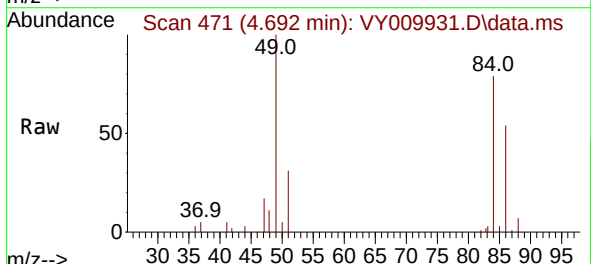
Instrument :
MSVOA_Y
ClientSampleId :
BU-02-080522

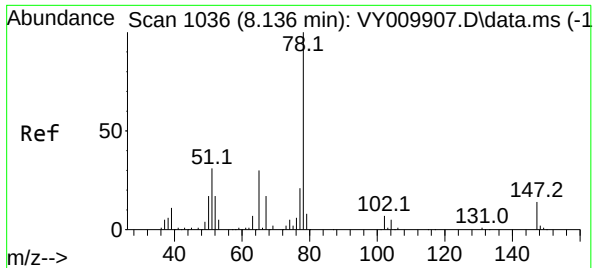
Tgt Ion:168 Resp: 64057
Ion Ratio Lower Upper
168 100
99 52.1 42.1 63.1



#20
Methylene Chloride
Concen: 9.089 ug/l
RT: 4.692 min Scan# 471
Delta R.T. -0.006 min
Lab File: VY009931.D
Acq: 09 Aug 2022 19:47

Tgt Ion: 84 Resp: 13974
Ion Ratio Lower Upper
84 100
49 126.8 98.2 147.4
51 39.9 33.4 50.0
86 68.2 52.3 78.5





#33

1,2-Dichloroethane-d4

Concen: 52.024 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009931.D

Acq: 09 Aug 2022 19:47

Instrument :

MSVOA_Y

ClientSampleId :

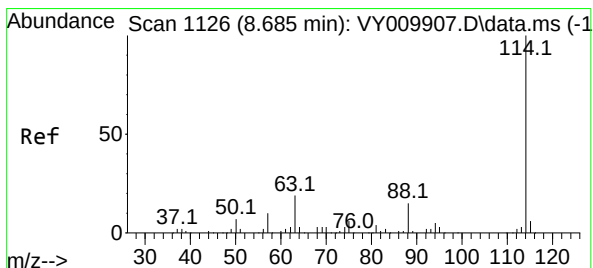
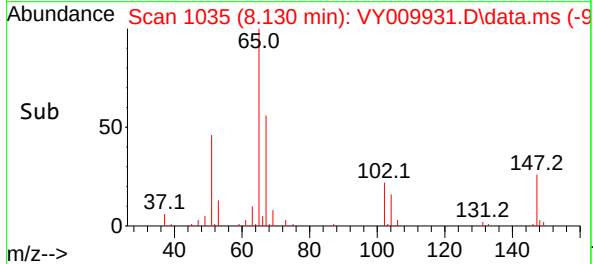
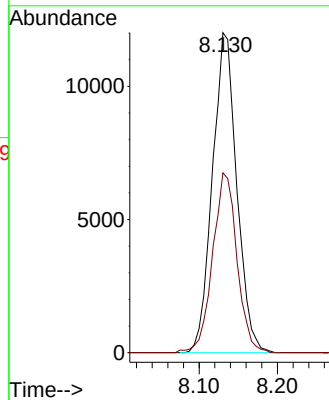
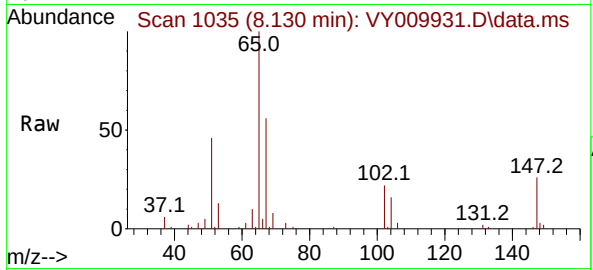
BU-02-080522

Tgt Ion: 65 Resp: 25972

Ion Ratio Lower Upper

65 100

67 56.1 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009931.D

Acq: 09 Aug 2022 19:47

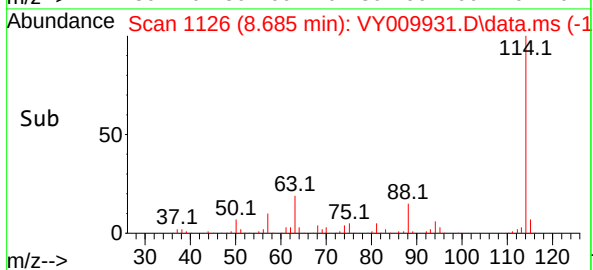
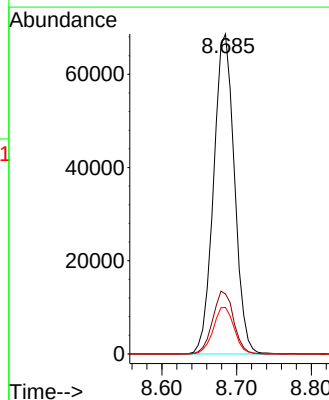
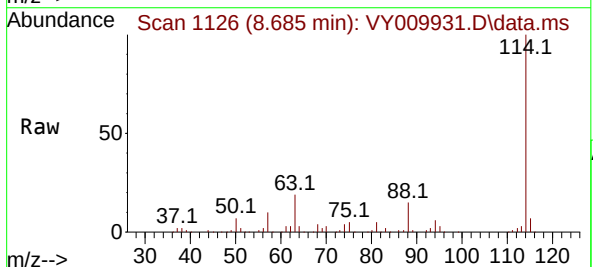
Tgt Ion: 114 Resp: 132597

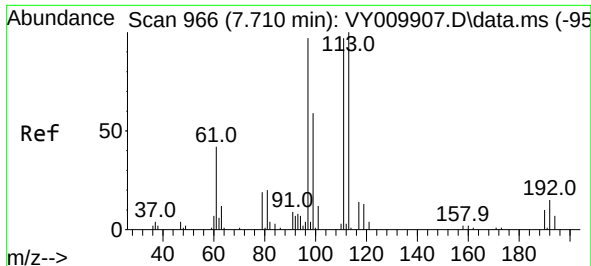
Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.0

88 14.6 0.0 30.0





#35

Dibromofluoromethane

Concen: 34.629 ug/l

RT: 7.704 min Scan# 91

Delta R.T. -0.005 min

Lab File: VY009931.D

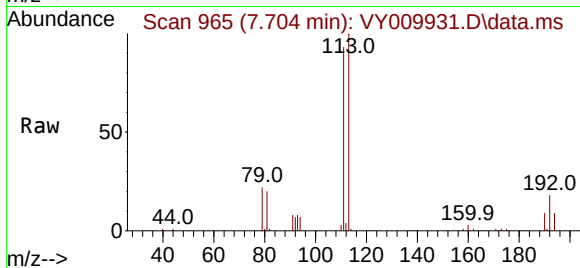
Acq: 09 Aug 2022 19:47

Instrument :

MSVOA_Y

ClientSampleId :

BU-02-080522



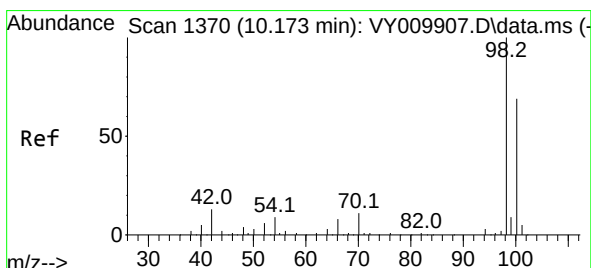
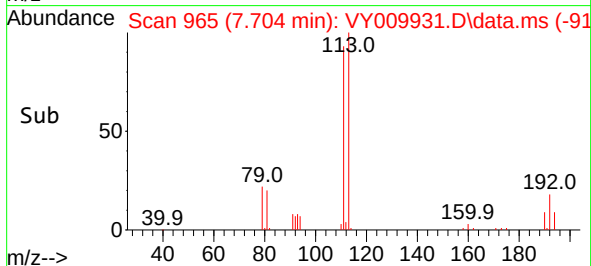
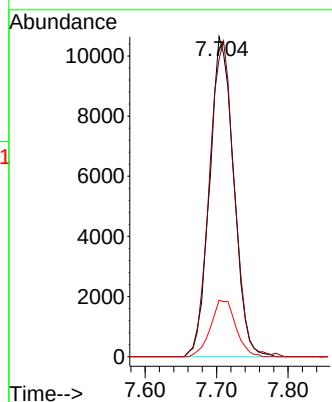
Tgt Ion:113 Resp: 24926

Ion Ratio Lower Upper

113 100

111 101.2 80.6 120.8

192 18.5 16.2 24.4



#50

Toluene-d8

Concen: 41.363 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.001 min

Lab File: VY009931.D

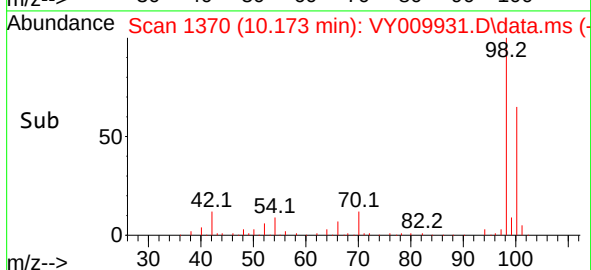
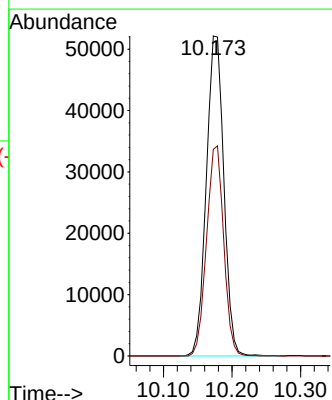
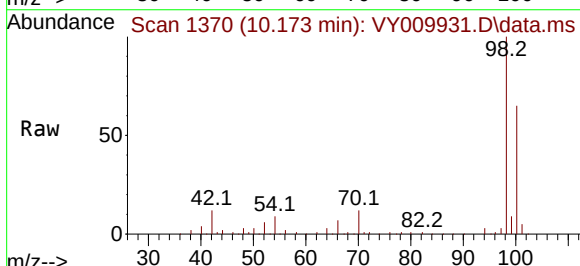
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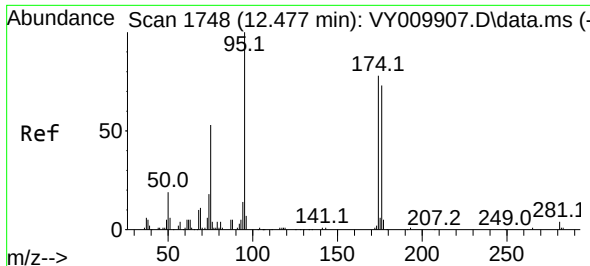
Tgt Ion: 98 Resp: 92720

Ion Ratio Lower Upper

98 100

100 64.2 52.9 79.3

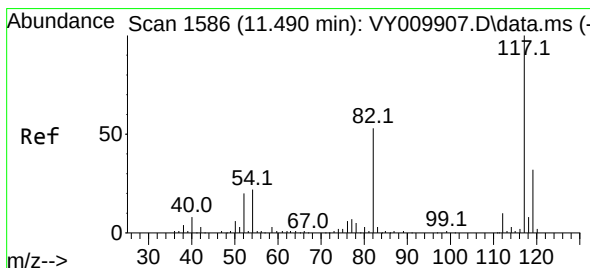
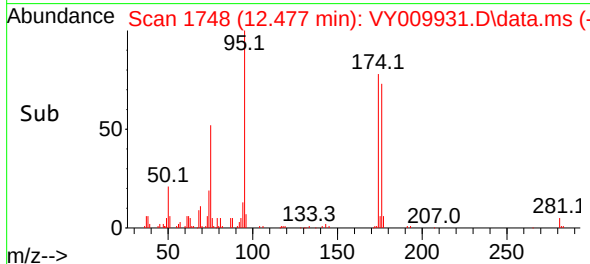
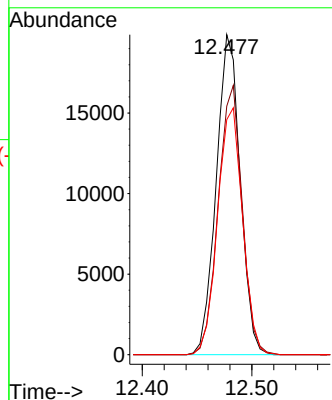
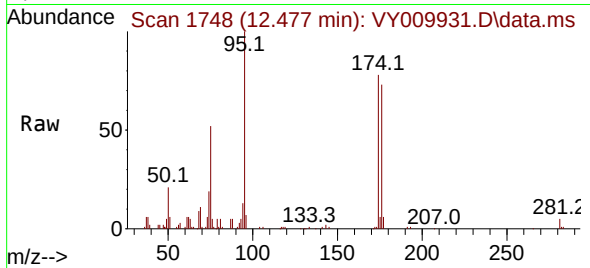




#62
4-Bromofluorobenzene
Concen: 30.010 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009931.D
Acq: 09 Aug 2022 19:47

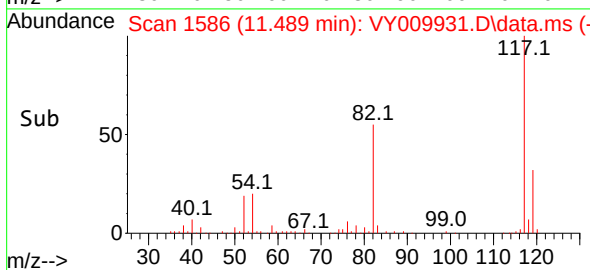
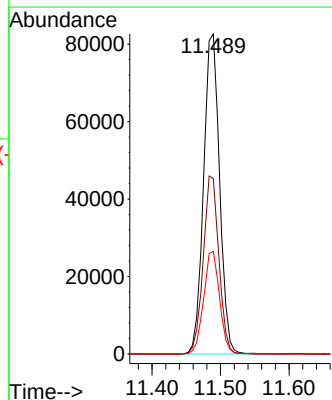
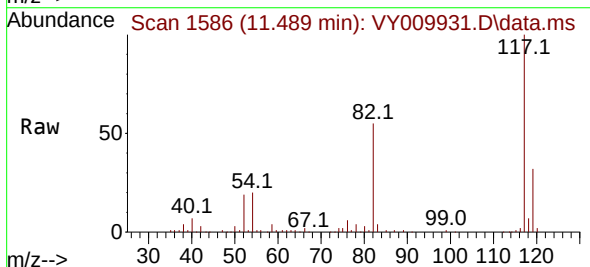
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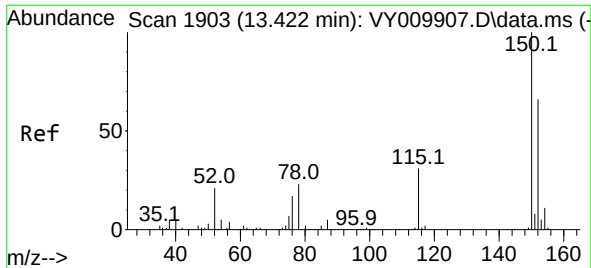
Tgt Ion: 95 Resp: 30161
Ion Ratio Lower Upper
95 100
174 84.6 0.0 173.8
176 80.5 0.0 167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009931.D
Acq: 09 Aug 2022 19:47

Tgt Ion: 117 Resp: 134355
Ion Ratio Lower Upper
117 100
82 54.8 41.8 62.6
119 32.1 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY009931.D

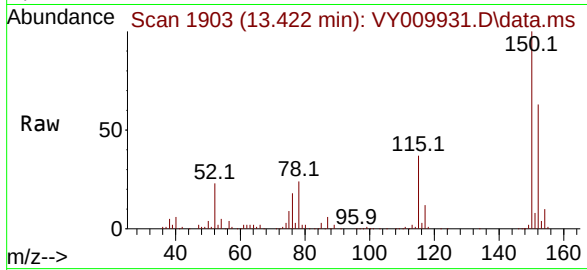
Acq: 09 Aug 2022 19:47

Instrument :

MSVOA_Y

ClientSampleId :

BU-02-080522



Tgt Ion:152 Resp: 62354

Ion Ratio Lower Upper

152 100

115 58.5 28.6 85.9

150 157.5 0.0 349.8

