

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080522\
 Data File : VY009869.D
 Acq On : 05 Aug 2022 22:30
 Operator : KP/MD
 Sample : N4064-08
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-17

Quant Time: Aug 06 01:23:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 04 02:27:45 2022
 Response via : Initial Calibration

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

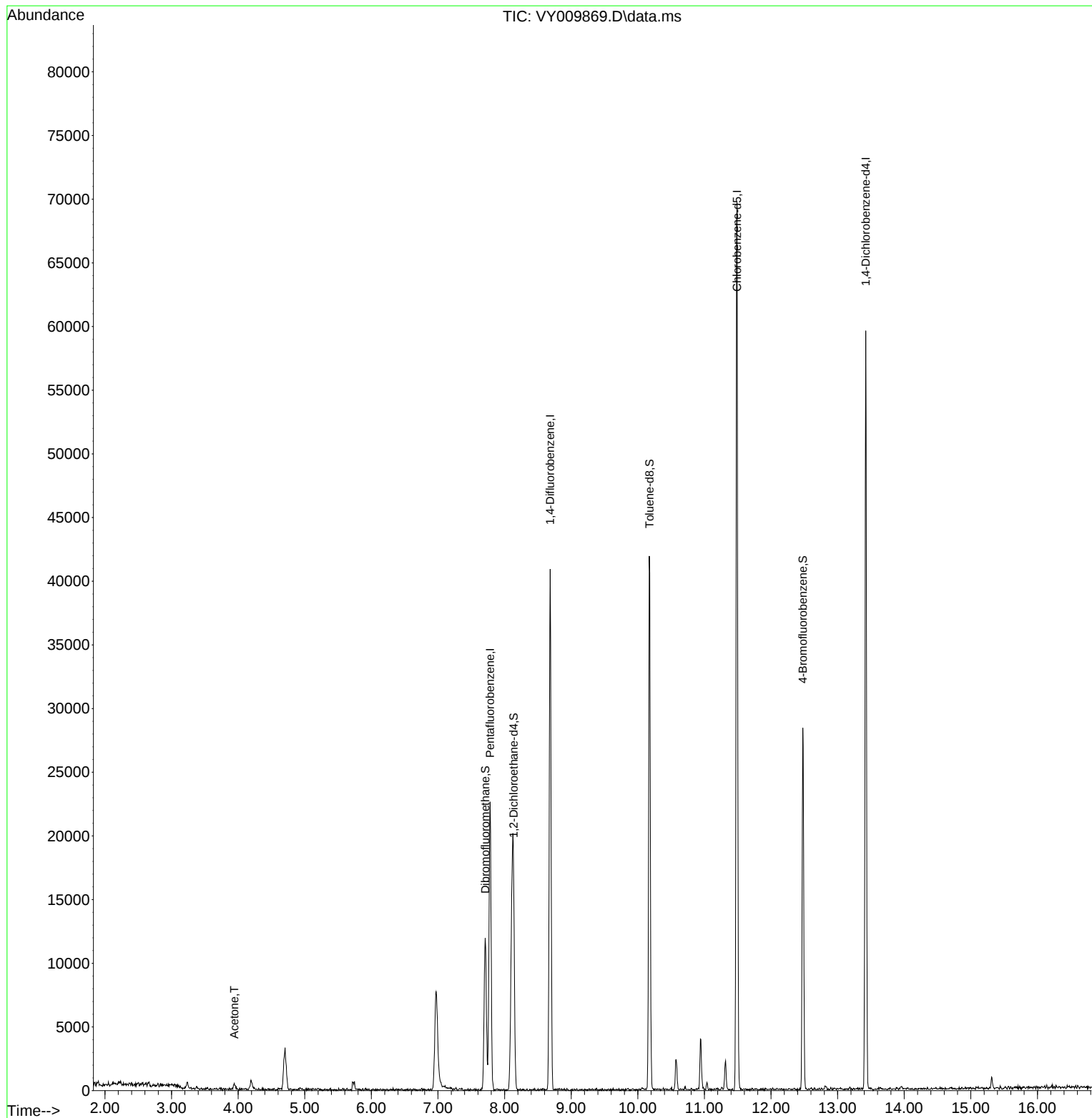
Internal Standards						
1) Pentafluorobenzene	7.783	168	16929	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	32764	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	37373	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	14676	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	9889	73.969	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	147.940%
35) Dibromofluoromethane	7.710	113	8296	41.529	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.060%
50) Toluene-d8	10.179	98	26614	44.638	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	89.280%
62) 4-Bromofluorobenzene	12.477	95	8115	29.999	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	60.000%
Target Compounds						
16) Acetone	3.942	43	768	16.026	ug/l	Qvalue # 72

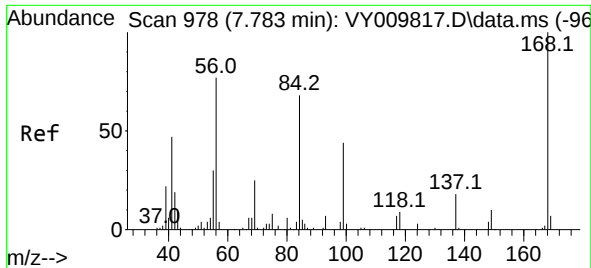
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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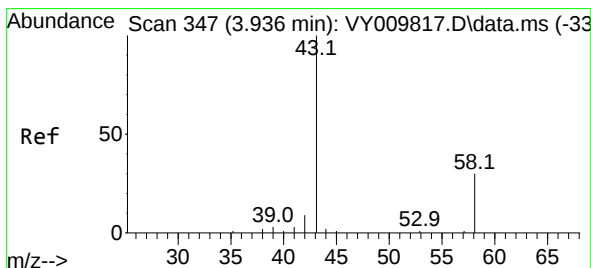
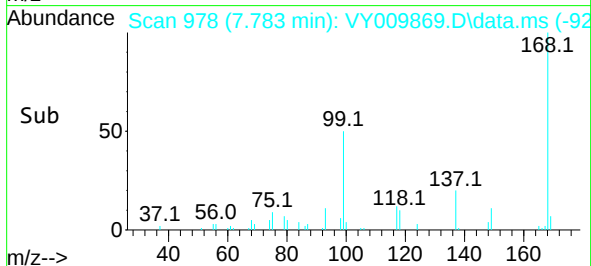
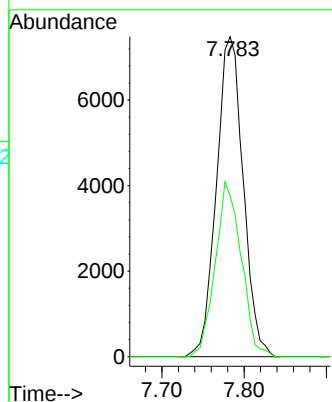
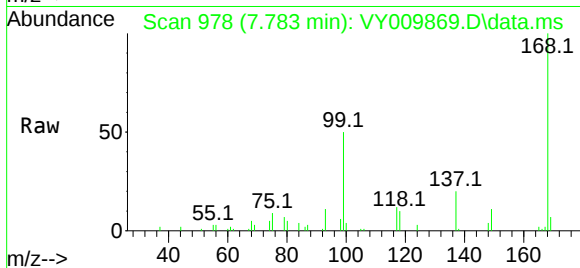




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009869.D
Acq: 05 Aug 2022 22:30

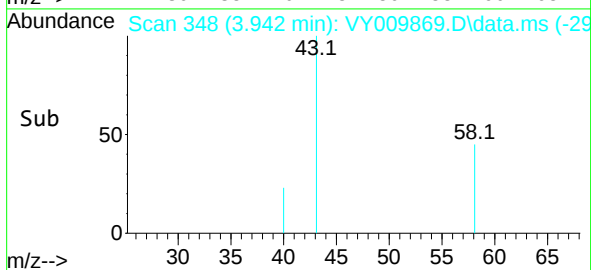
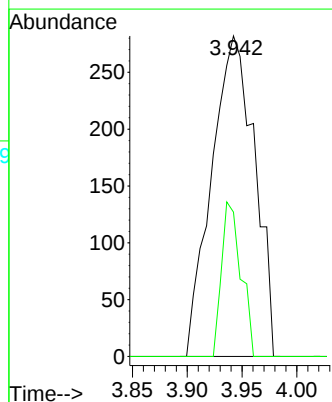
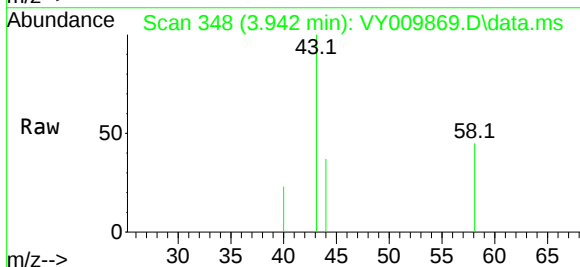
Instrument :
MSVOA_Y
ClientSampleId :
SB-17

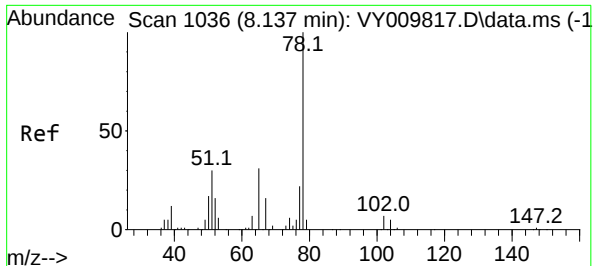
Tgt Ion:168 Resp: 16929
Ion Ratio Lower Upper
168 100
99 50.3 44.7 67.1



#16
Acetone
Concen: 16.026 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009869.D
Acq: 05 Aug 2022 22:30

Tgt Ion: 43 Resp: 768
Ion Ratio Lower Upper
43 100
58 45.0 24.1 36.1#





#33

1,2-Dichloroethane-d4

Concen: 73.969 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.001 min

Lab File: VY009869.D

Acq: 05 Aug 2022 22:30

Instrument :

MSVOA_Y

ClientSampleId :

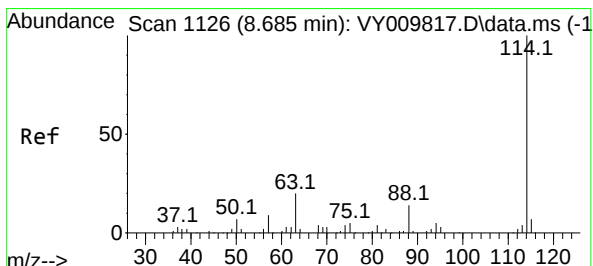
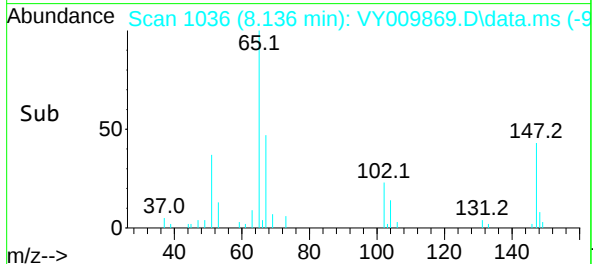
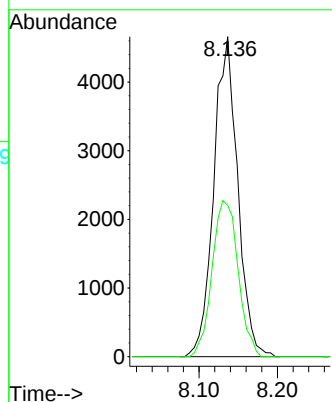
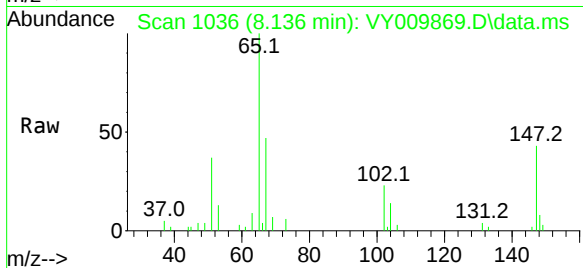
SB-17

Tgt Ion: 65 Resp: 9889

Ion Ratio Lower Upper

65 100

67 53.0 0.0 112.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009869.D

Acq: 05 Aug 2022 22:30

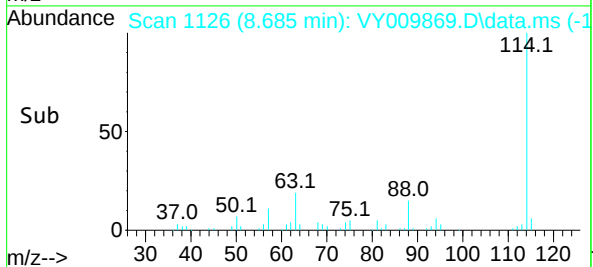
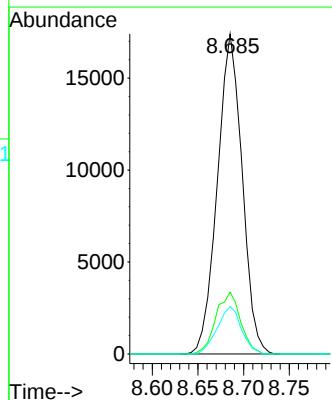
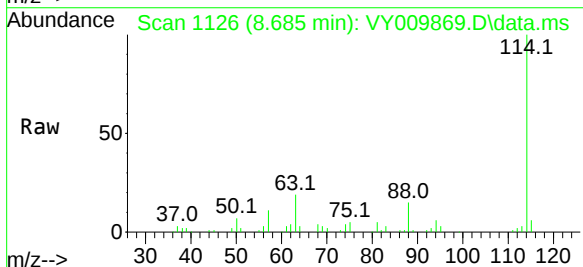
Tgt Ion: 114 Resp: 32764

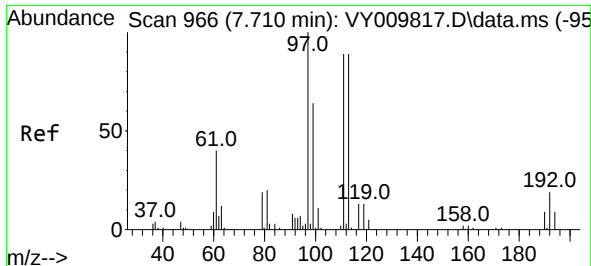
Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.2

88 14.8 0.0 27.6

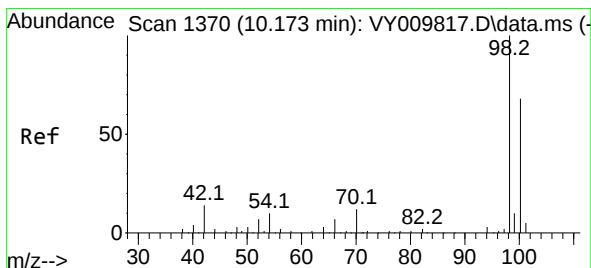
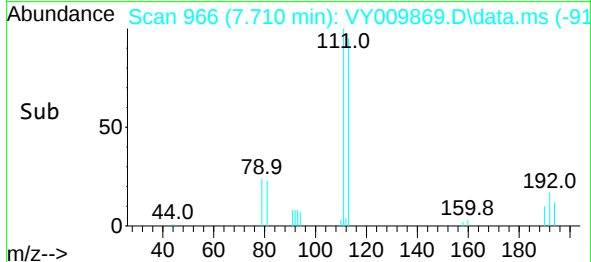
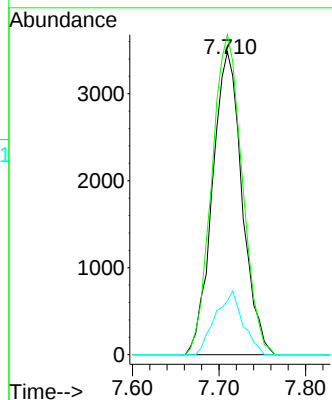
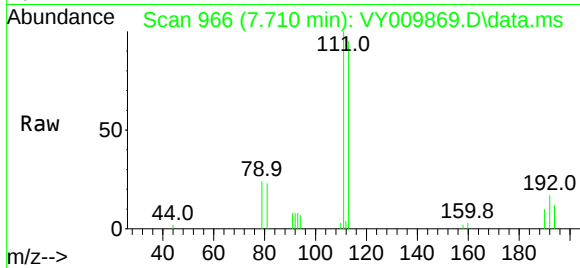




#35
Dibromofluoromethane
Concen: 41.529 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009869.D
Acq: 05 Aug 2022 22:30

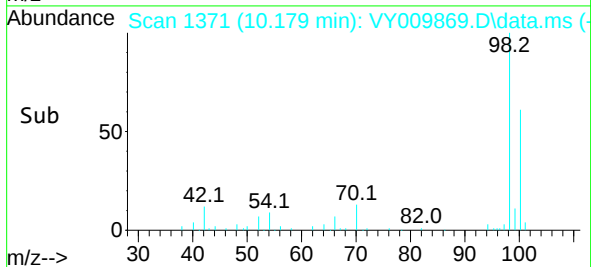
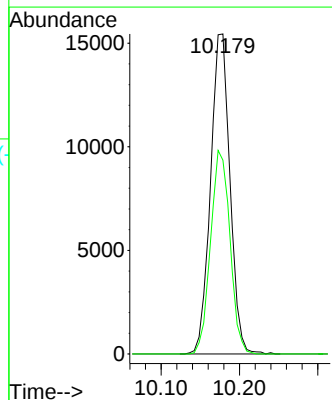
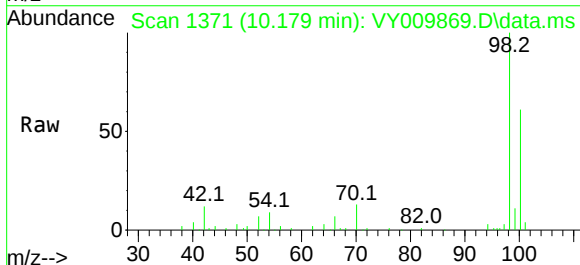
Instrument :
MSVOA_Y
ClientSampleId :
SB-17

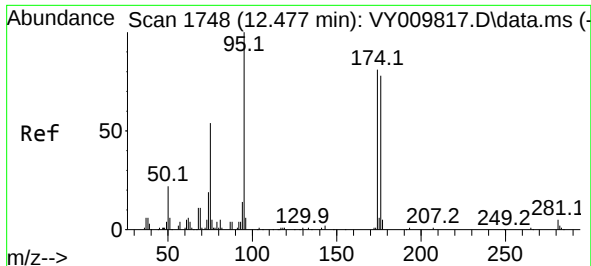
Tgt Ion:113 Resp: 8296
Ion Ratio Lower Upper
113 100
111 108.1 82.4 123.6
192 19.5 16.5 24.7



#50
Toluene-d8
Concen: 44.638 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY009869.D
Acq: 05 Aug 2022 22:30

Tgt Ion: 98 Resp: 26614
Ion Ratio Lower Upper
98 100
100 63.4 53.4 80.2

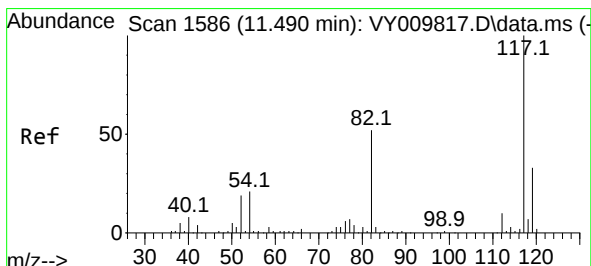
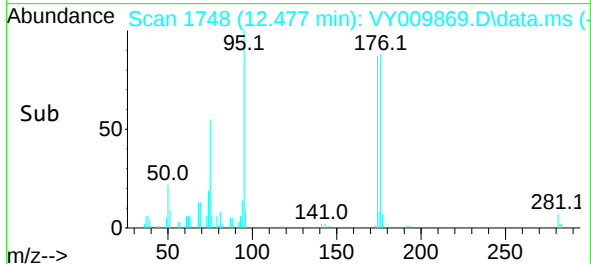
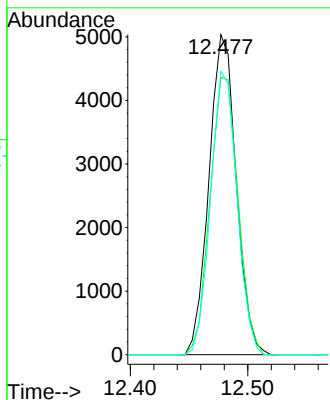
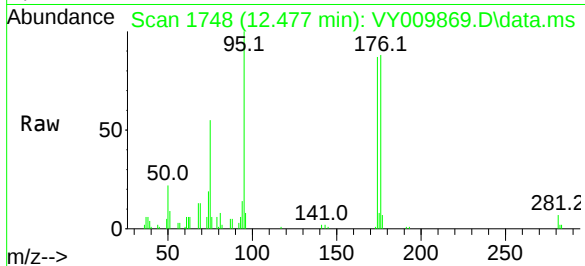




#62
4-Bromofluorobenzene
Concen: 29.999 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009869.D
Acq: 05 Aug 2022 22:30

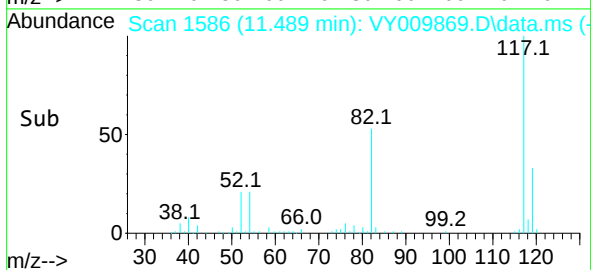
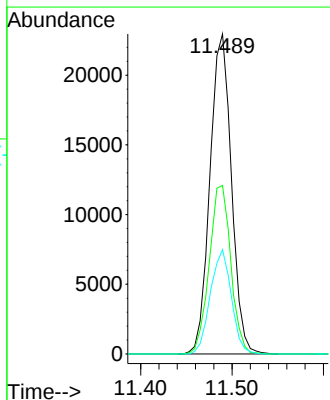
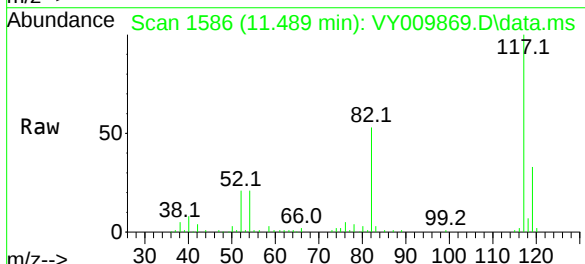
Instrument :
MSVOA_Y
ClientSampleId :
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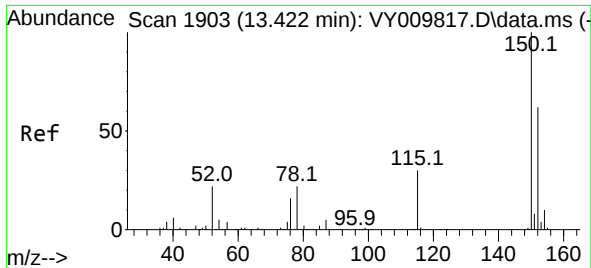
Tgt Ion:	95	Resp:	8115
Ion	Ratio	Lower	Upper
95	100		
174	89.2	0.0	168.6
176	85.5	0.0	163.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009869.D
Acq: 05 Aug 2022 22:30

Tgt Ion:	117	Resp:	37373
Ion	Ratio	Lower	Upper
117	100		
82	52.7	41.7	62.5
119	32.6	26.6	40.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY009869.D

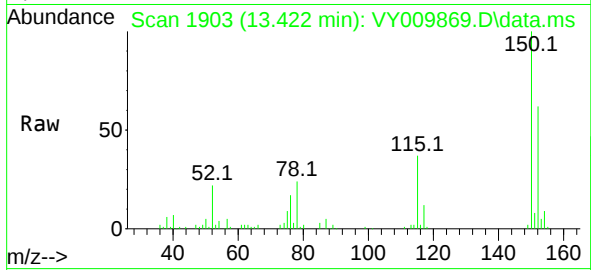
Acq: 05 Aug 2022 22:30

Instrument :

MSVOA_Y

ClientSampleId :

SB-17



Tgt Ion:152 Resp: 14676

Ion Ratio Lower Upper

152 100

115 57.7 28.9 86.7

150 159.6 0.0 354.2

