

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072622\
 Data File : VY009708.D
 Acq On : 26 Jul 2022 18:19
 Operator : KP/MD
 Sample : N3854-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-189E

Quant Time: Jul 27 04:27:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

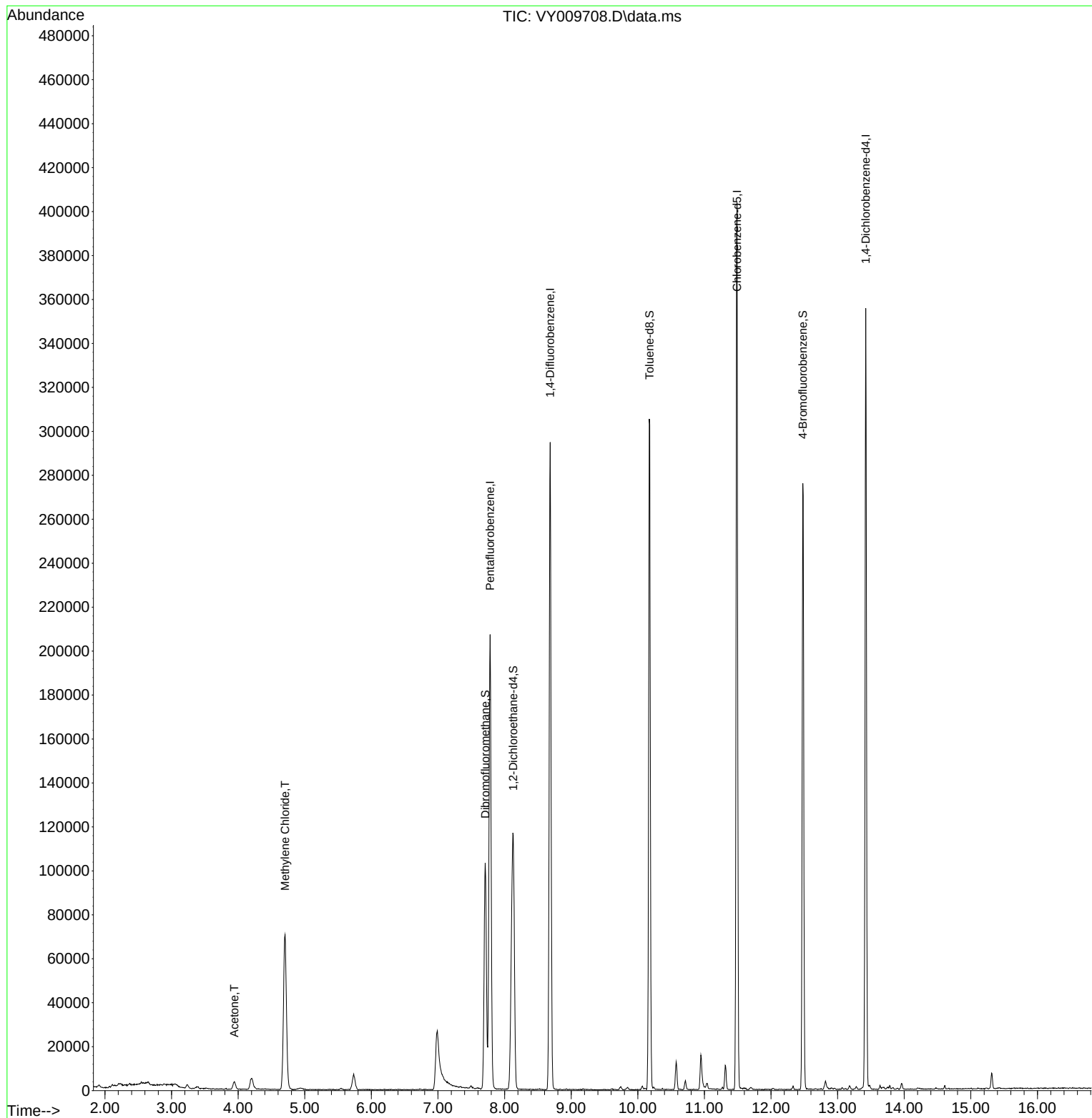
Internal Standards						
1) Pentafluorobenzene	7.783	168	168409	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	261335	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	227573	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	94010	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	64673	58.582	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.160%
35) Dibromofluoromethane	7.710	113	73614	51.792	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.580%
50) Toluene-d8	10.179	98	204114	49.246	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	98.500%
62) 4-Bromofluorobenzene	12.477	95	81031	42.995	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	86.000%
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	6127	15.216	ug/l #	78
20) Methylene Chloride	4.704	84	55454	23.570	ug/l #	81

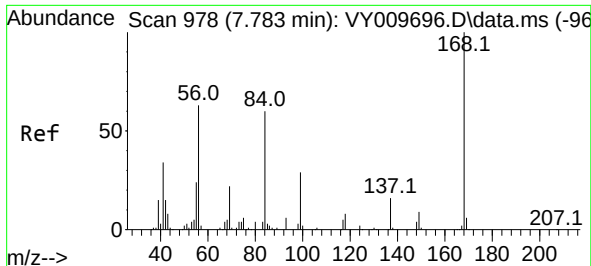
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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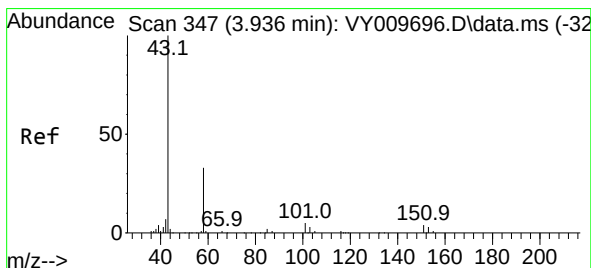
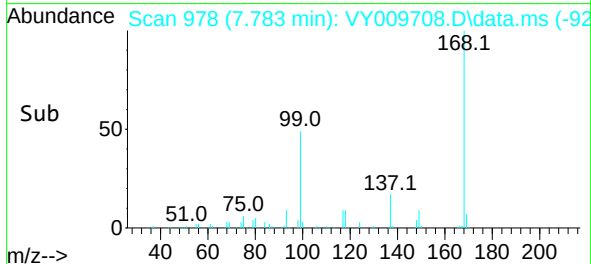
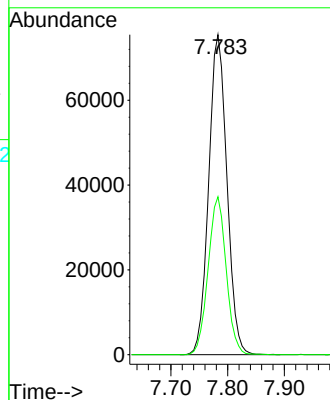
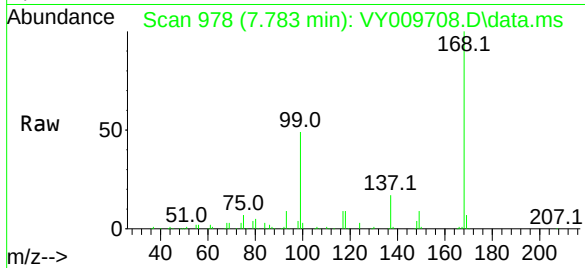




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009708.D
Acq: 26 Jul 2022 18:19

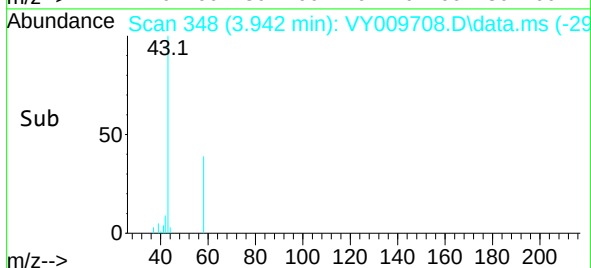
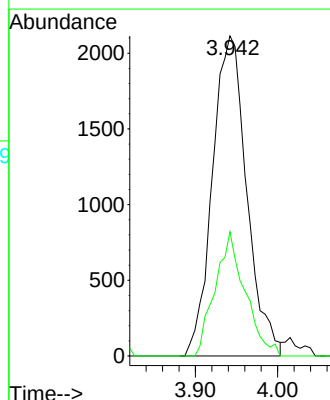
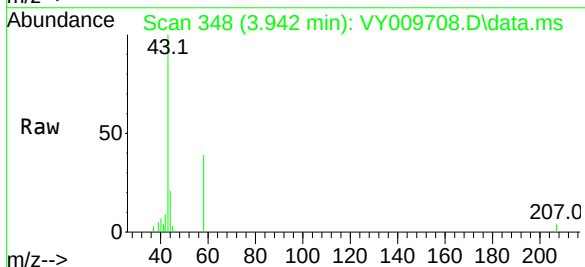
Instrument :
MSVOA_Y
ClientSampleId :
MH-189E

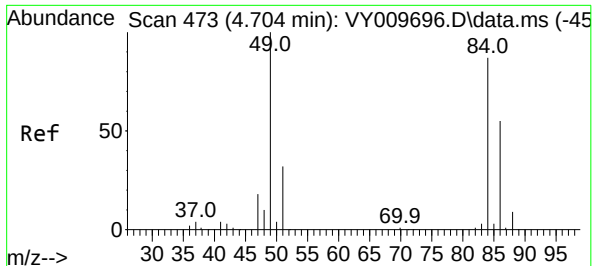
Tgt Ion:168 Resp: 168409
Ion Ratio Lower Upper
168 100
99 49.4 46.9 70.3



#16
Acetone
Concen: 15.216 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009708.D
Acq: 26 Jul 2022 18:19

Tgt Ion: 43 Resp: 6127
Ion Ratio Lower Upper
43 100
58 38.9 22.0 33.0#

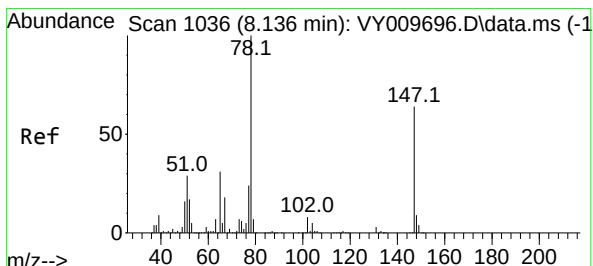
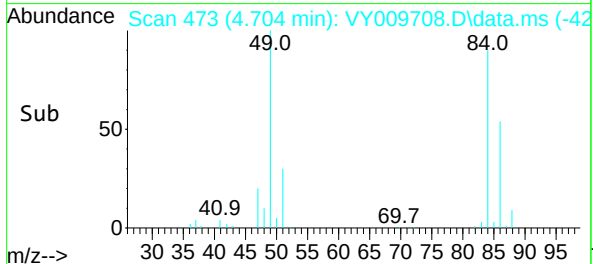
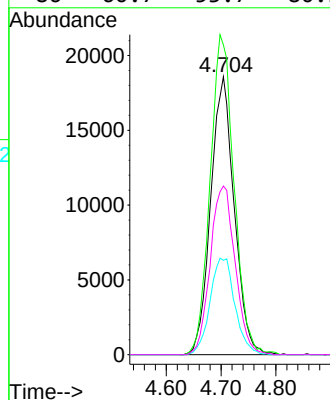
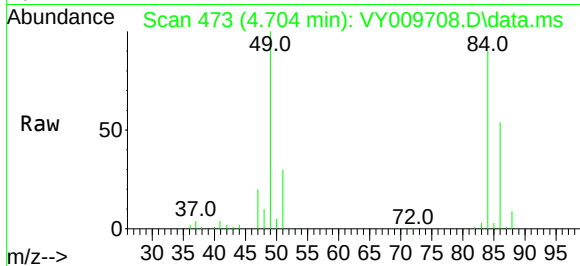




#20
Methylene Chloride
Concen: 23.570 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009708.D
Acq: 26 Jul 2022 18:19

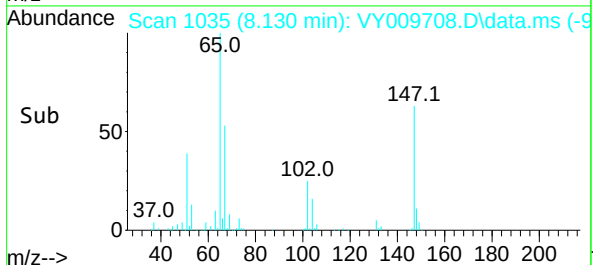
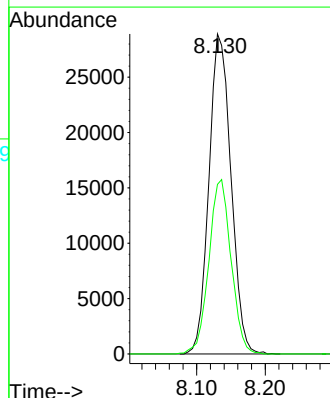
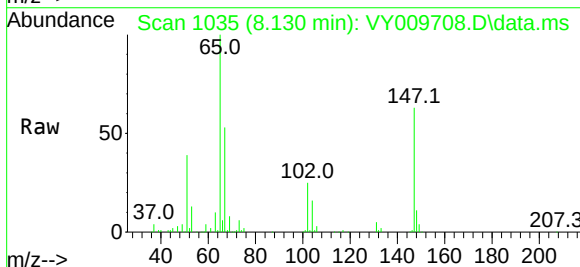
Instrument :
MSVOA_Y
ClientSampleId :
MH-189E

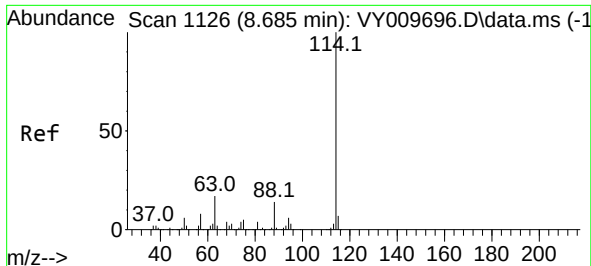
Tgt Ion:	84	Resp:	55454
Ion	Ratio	Lower	Upper
84	100		
49	111.5	114.4	171.6#
51	34.0	35.3	52.9#
86	60.7	53.7	80.5



#33
1,2-Dichloroethane-d4
Concen: 58.582 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009708.D
Acq: 26 Jul 2022 18:19

Tgt Ion:	65	Resp:	64673
Ion	Ratio	Lower	Upper
65	100		
67	55.0	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: VY009708.D

Acq: 26 Jul 2022 18:19

Instrument :

MSVOA_Y

ClientSampleId :

MH-189E

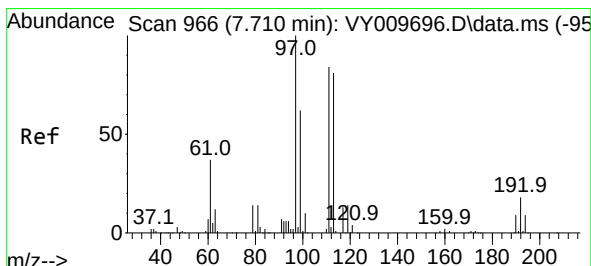
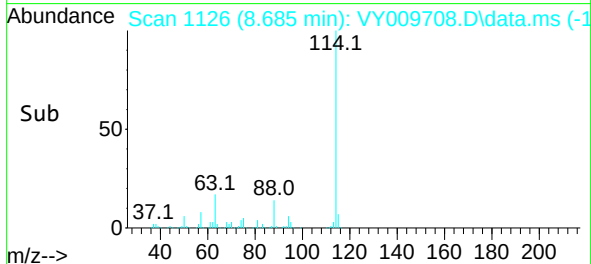
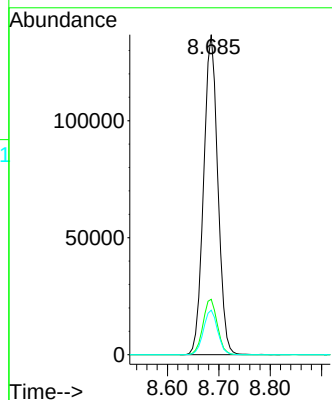
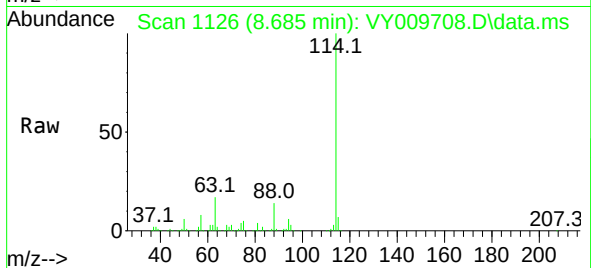
Tgt Ion:114 Resp: 261335

Ion Ratio Lower Upper

114 100

63 17.3 0.0 43.2

88 13.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.792 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009708.D

Acq: 26 Jul 2022 18:19

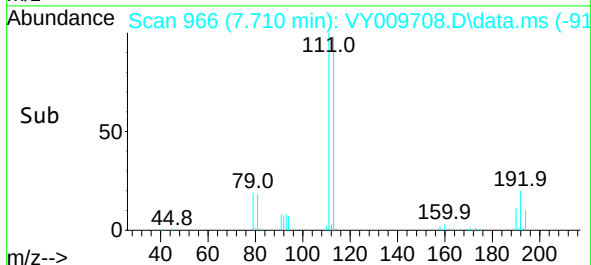
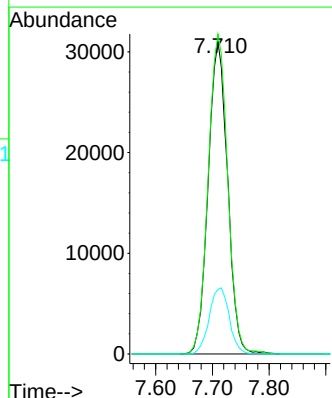
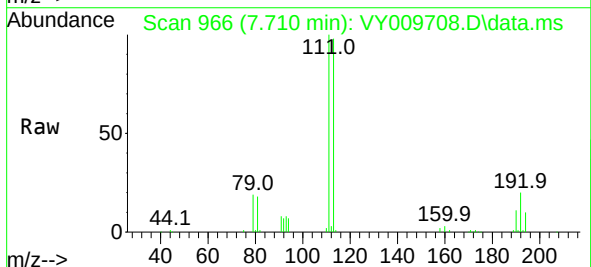
Tgt Ion:113 Resp: 73614

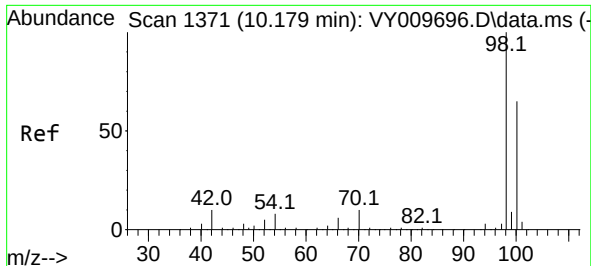
Ion Ratio Lower Upper

113 100

111 103.3 82.6 124.0

192 21.8 17.6 26.4

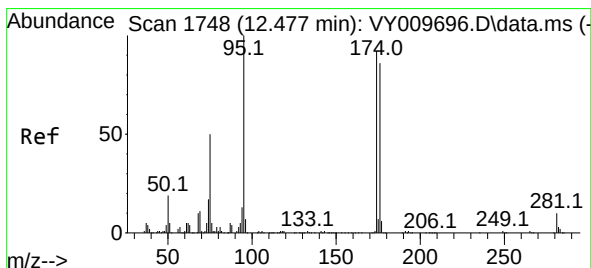
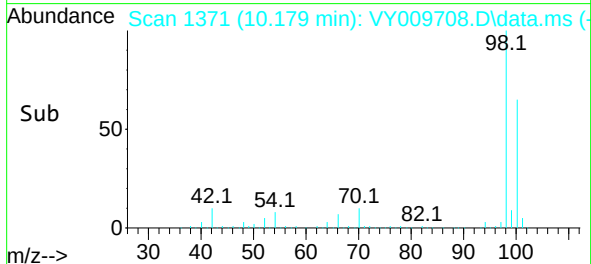
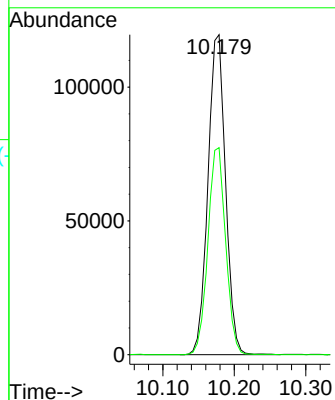
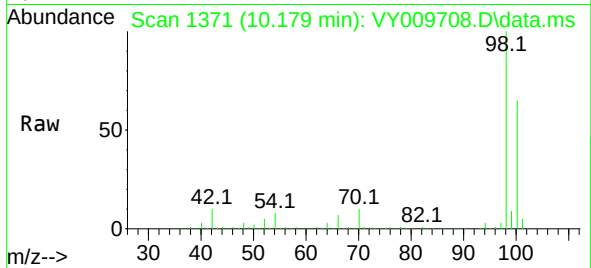




#50
Toluene-d8
Concen: 49.246 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009708.D
Acq: 26 Jul 2022 18:19

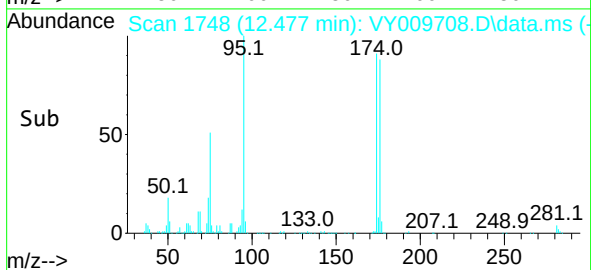
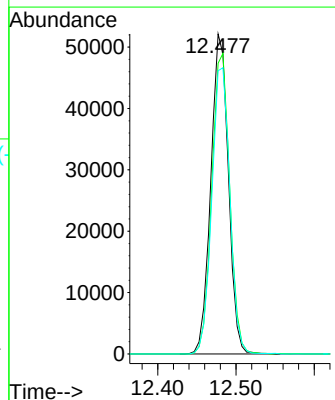
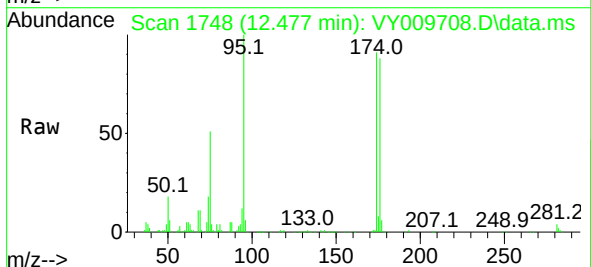
Instrument :
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ClientSampleId :
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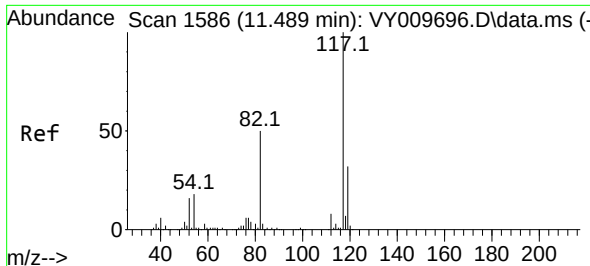
Tgt Ion: 98 Resp: 204114
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.995 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009708.D
Acq: 26 Jul 2022 18:19

Tgt Ion: 95 Resp: 81031
Ion Ratio Lower Upper
95 100
174 95.8 0.0 177.0
176 92.2 0.0 175.8

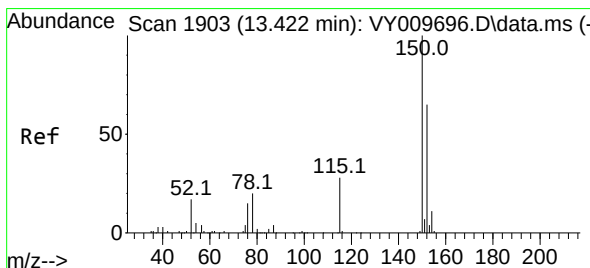
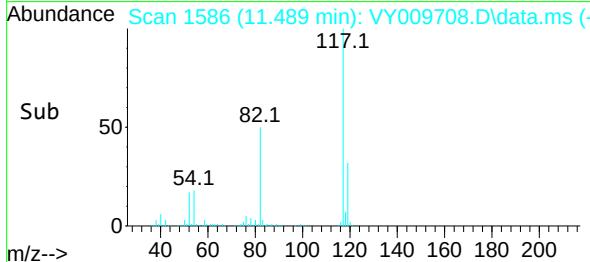
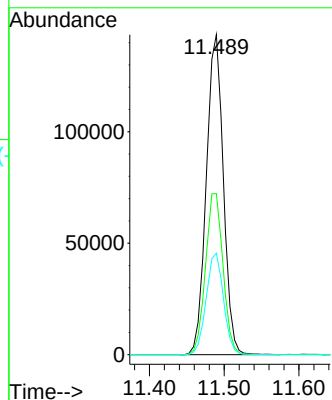
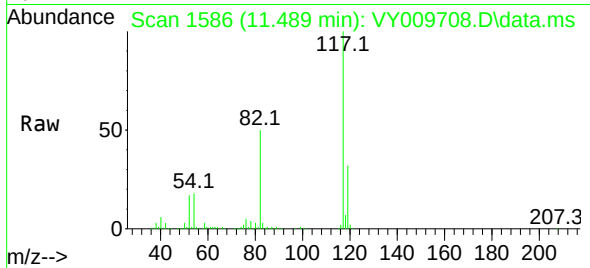




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY009708.D
Acq: 26 Jul 2022 18:19

Instrument :
MSVOA_Y
ClientSampleId :
MH-189E

Tgt Ion:117 Resp: 227573
Ion Ratio Lower Upper
117 100
82 50.4 43.0 64.4
119 31.7 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: VY009708.D
Acq: 26 Jul 2022 18:19

Tgt Ion:152 Resp: 94010
Ion Ratio Lower Upper
152 100
115 54.4 28.2 84.7
150 157.5 0.0 347.6

