

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072622\
 Data File : VY009709.D
 Acq On : 26 Jul 2022 18:41
 Operator : KP/MD
 Sample : N3886-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WH-1

Quant Time: Jul 27 04:27:38 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)

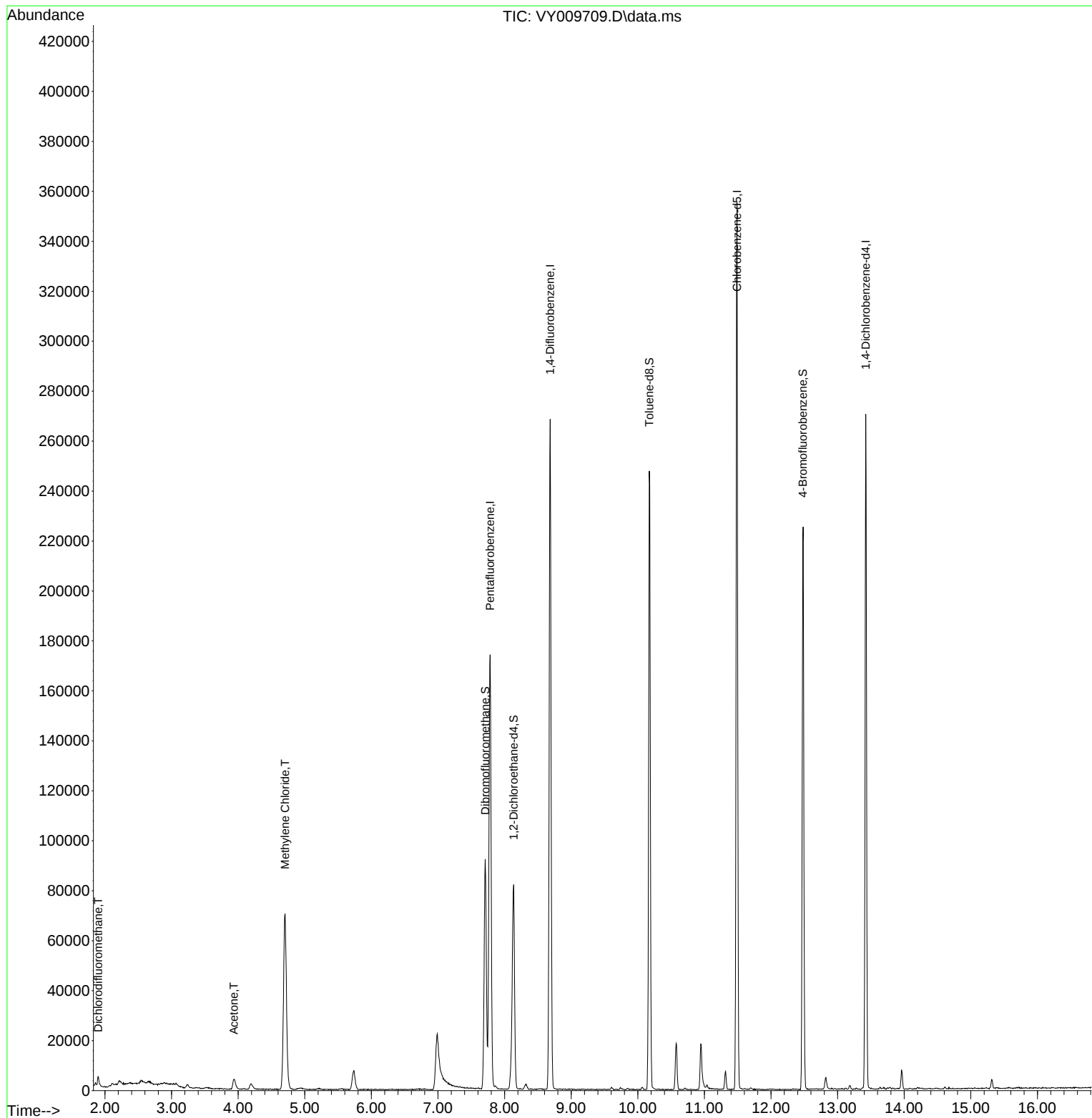
Internal Standards						
1) Pentafluorobenzene	7.783	168	145219	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	237134	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	197456	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	71924	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	57643	60.746	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.500%
35) Dibromofluoromethane	7.710	113	64021	49.640	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.280%
50) Toluene-d8	10.173	98	168907	44.502	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	89.000%
62) 4-Bromofluorobenzene	12.477	95	62271	36.413	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	72.820%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	3142	2.430	ug/l	100
16) Acetone	3.936	43	7564	21.785	ug/l	99
20) Methylene Chloride	4.704	84	53635	27.898	ug/l	86

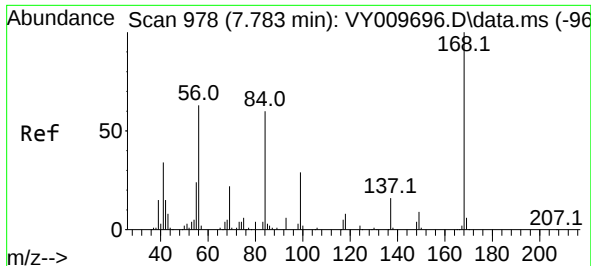
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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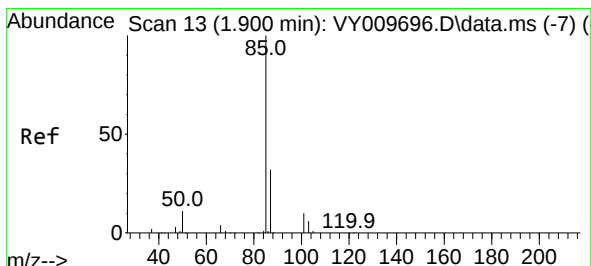
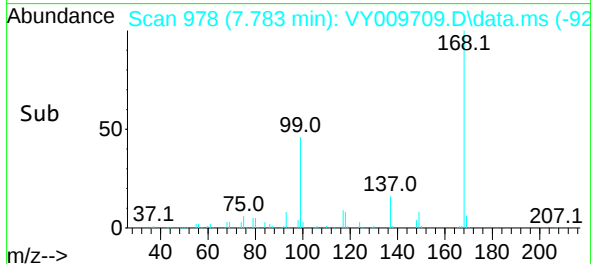
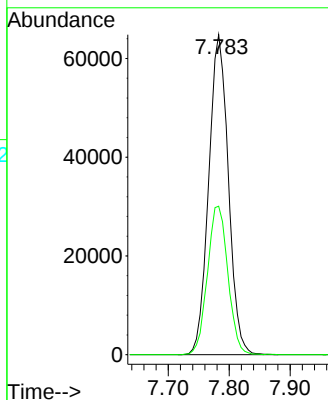
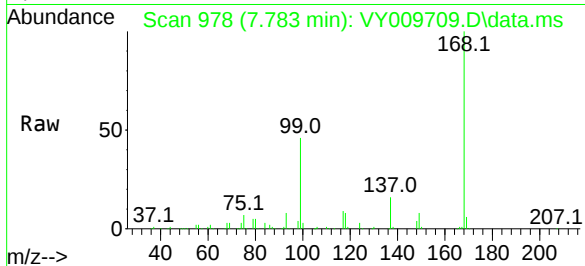




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009709.D
Acq: 26 Jul 2022 18:41

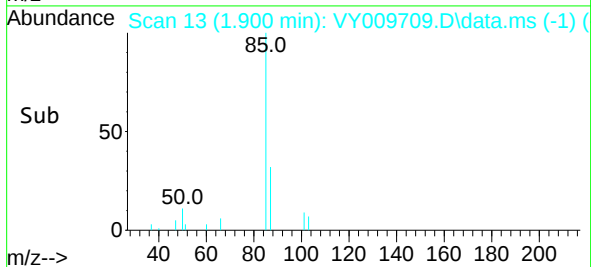
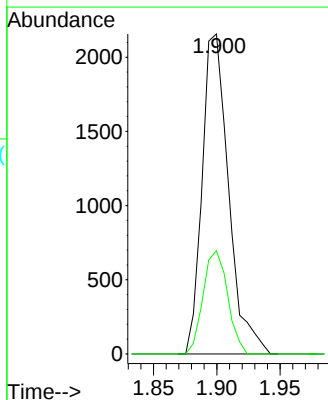
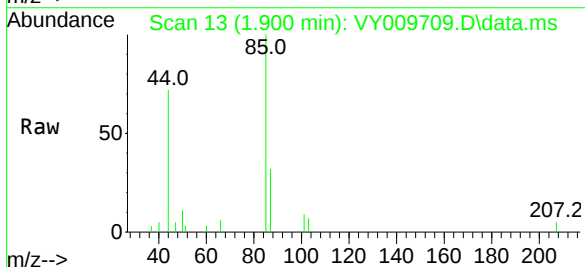
Instrument :
MSVOA_Y
ClientSampleId :
WH-1

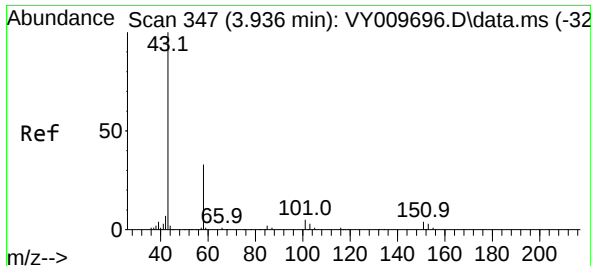
Tgt Ion:168 Resp: 145219
Ion Ratio Lower Upper
168 100
99 46.4 46.9 70.3#



#2
Dichlorodifluoromethane
Concen: 2.430 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009709.D
Acq: 26 Jul 2022 18:41

Tgt Ion: 85 Resp: 3142
Ion Ratio Lower Upper
85 100
87 32.2 16.1 48.2

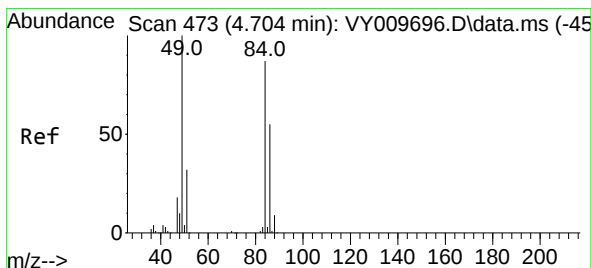
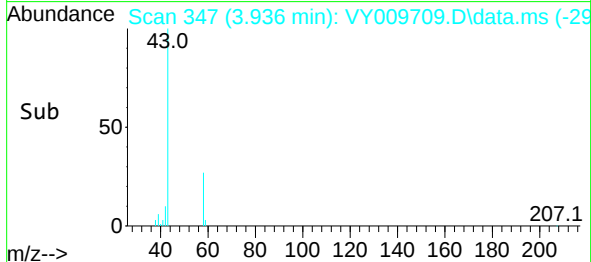
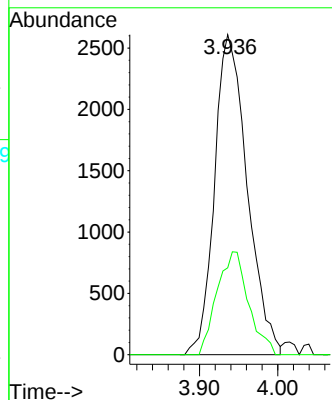
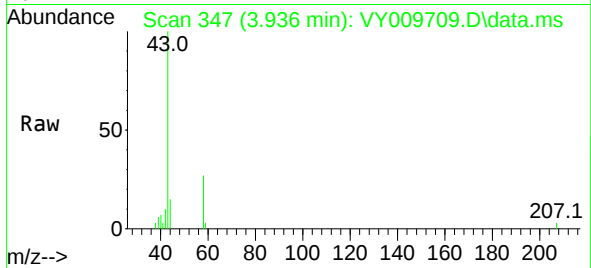




#16
Acetone
Concen: 21.785 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009709.D
Acq: 26 Jul 2022 18:41

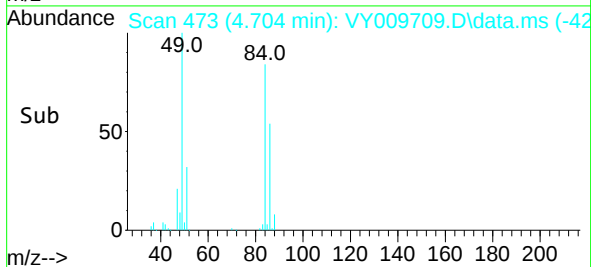
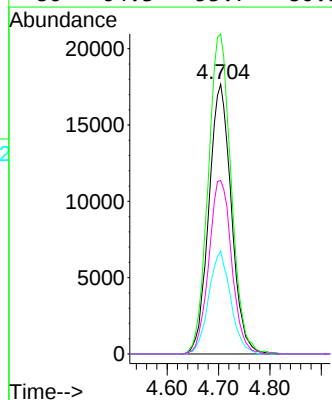
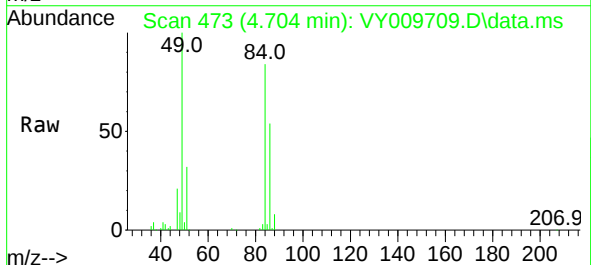
Instrument :
MSVOA_Y
ClientSampleId :
WH-1

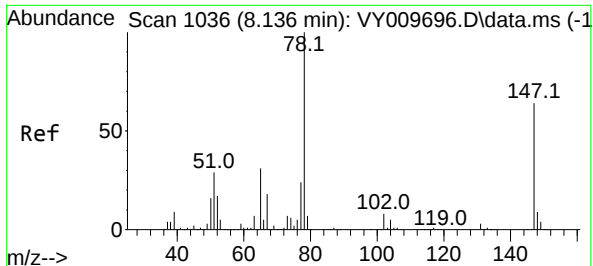
Tgt Ion: 43 Resp: 7564
Ion Ratio Lower Upper
43 100
58 27.1 22.0 33.0



#20
Methylene Chloride
Concen: 27.898 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY009709.D
Acq: 26 Jul 2022 18:41

Tgt Ion: 84 Resp: 53635
Ion Ratio Lower Upper
84 100
49 118.6 114.4 171.6
51 38.1 35.3 52.9
86 64.3 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 60.746 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009709.D

Acq: 26 Jul 2022 18:41

Instrument :

MSVOA_Y

ClientSampleId :

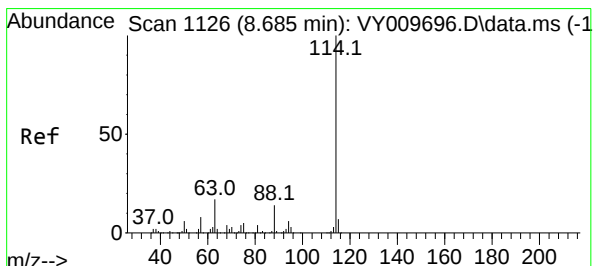
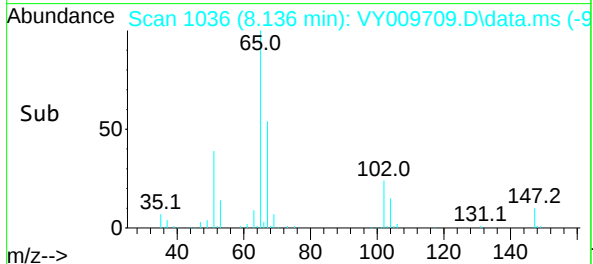
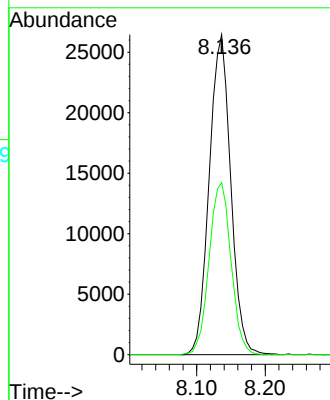
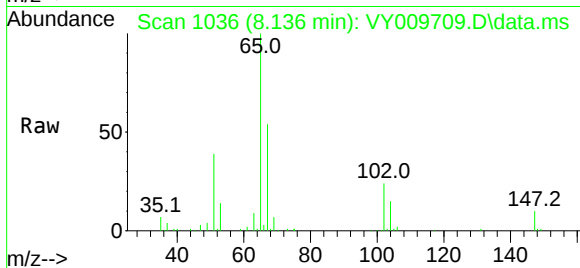
WH-1

Tgt Ion: 65 Resp: 57643

Ion Ratio Lower Upper

65 100

67 54.7 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: VY009709.D

Acq: 26 Jul 2022 18:41

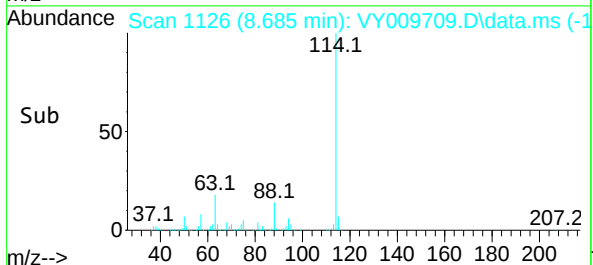
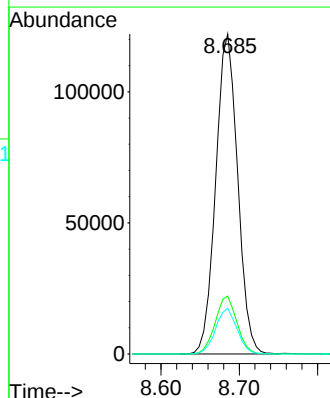
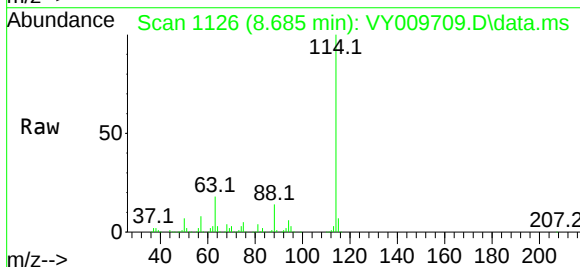
Tgt Ion: 114 Resp: 237134

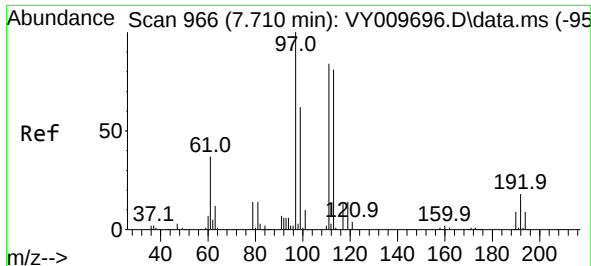
Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 14.2 0.0 31.8

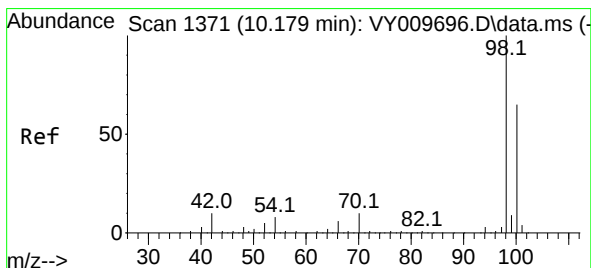
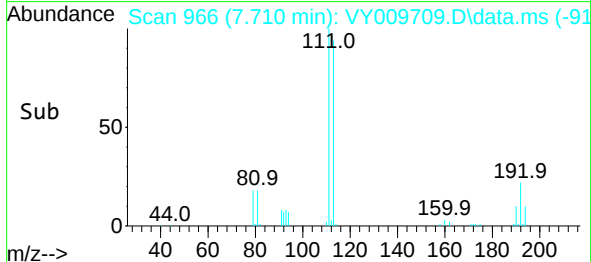
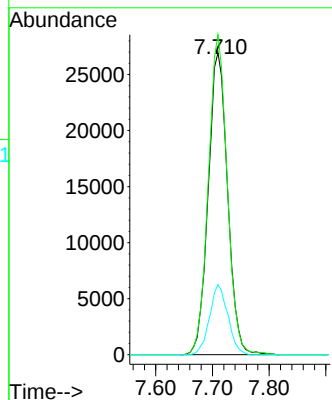
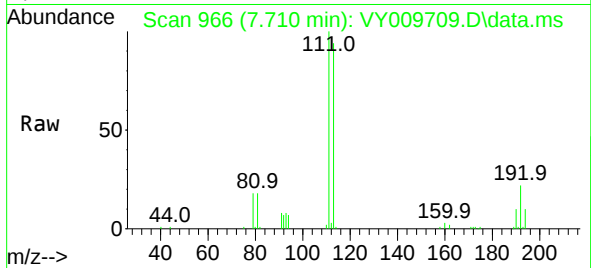




#35
Dibromofluoromethane
Concen: 49.640 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY009709.D
Acq: 26 Jul 2022 18:41

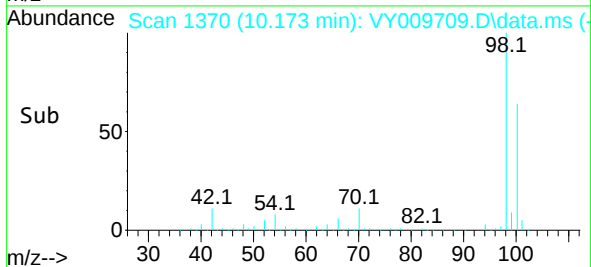
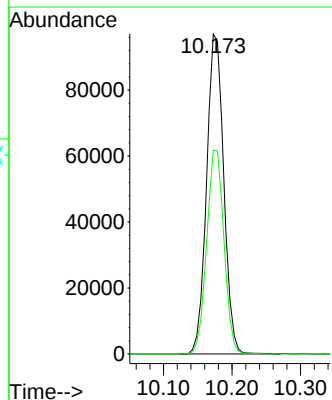
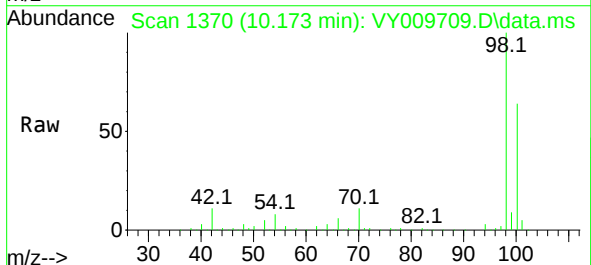
Instrument :
MSVOA_Y
ClientSampleId :
WH-1

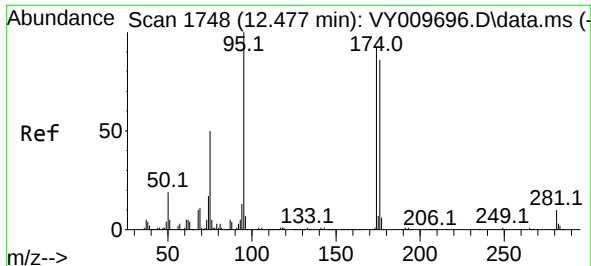
Tgt Ion:113 Resp: 64021
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 21.9 17.6 26.4



#50
Toluene-d8
Concen: 44.502 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY009709.D
Acq: 26 Jul 2022 18:41

Tgt Ion: 98 Resp: 168907
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2

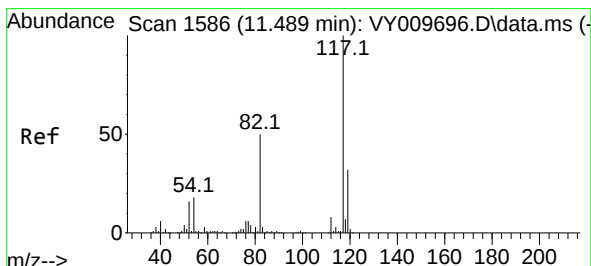
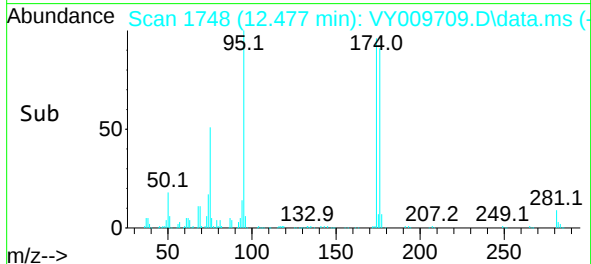
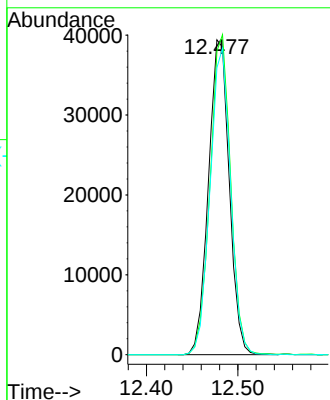
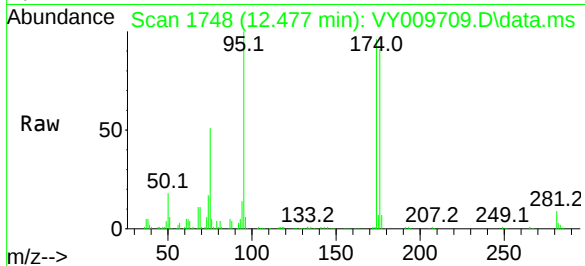




#62
4-Bromofluorobenzene
Concen: 36.413 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009709.D
Acq: 26 Jul 2022 18:41

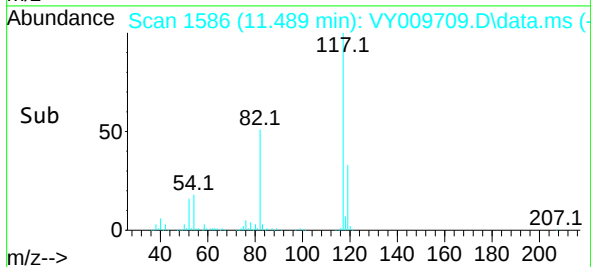
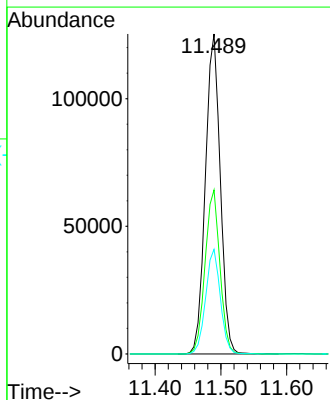
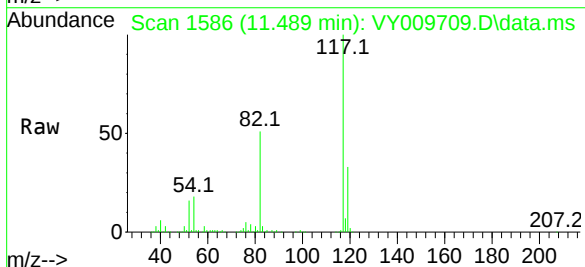
Instrument :
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ClientSampleId :
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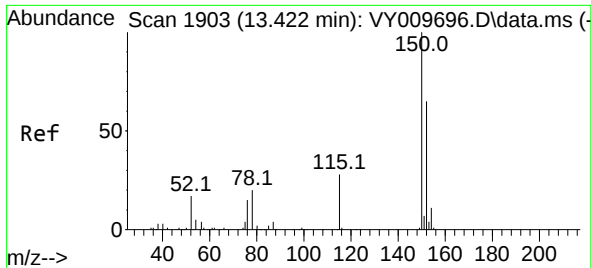
Tgt Ion: 95 Resp: 62271
Ion Ratio Lower Upper
95 100
174 100.3 0.0 177.0
176 96.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009709.D
Acq: 26 Jul 2022 18:41

Tgt Ion: 117 Resp: 197456
Ion Ratio Lower Upper
117 100
82 51.2 43.0 64.4
119 32.7 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: VY009709.D

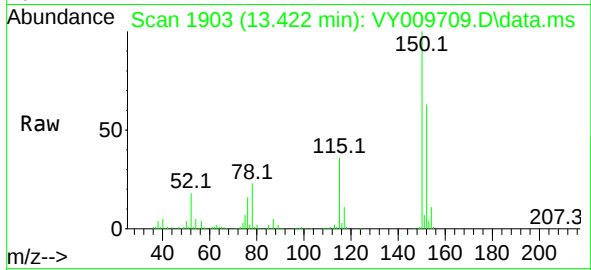
Acq: 26 Jul 2022 18:41

Instrument :

MSVOA_Y

ClientSampleId :

WH-1



Tgt Ion:152 Resp: 71924

Ion Ratio Lower Upper

152 100

115 54.9 28.2 84.7

150 158.8 0.0 347.6

