

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072722\
 Data File : VY009729.D
 Acq On : 27 Jul 2022 17:02
 Operator : KP/MD
 Sample : N3912-01
 Misc : 4.62g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 6601-S

Quant Time: Jul 28 02:46:26 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)

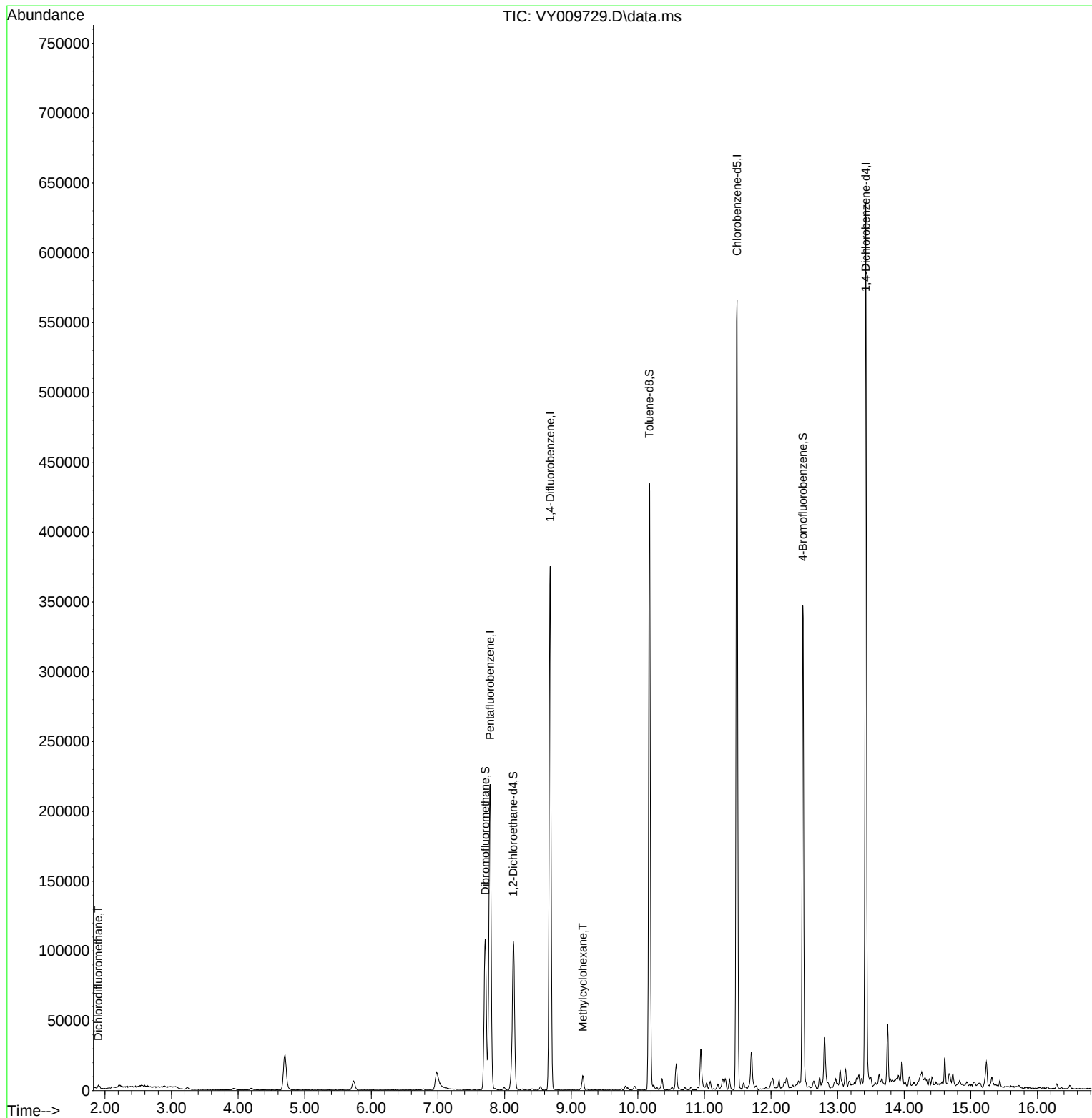
Internal Standards						
1) Pentafluorobenzene	7.783	168	181276	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	331893	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	330774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	163022	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	75961	64.447	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.900%
35) Dibromofluoromethane	7.710	113	77196	42.766	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.540%
50) Toluene-d8	10.173	98	290812	55.812	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	111.620%
62) 4-Bromofluorobenzene	12.477	95	95970	40.096	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	80.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	1667	1.033	ug/l	92
39) Methylcyclohexane	9.173	83	3952	1.086	ug/l	92

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

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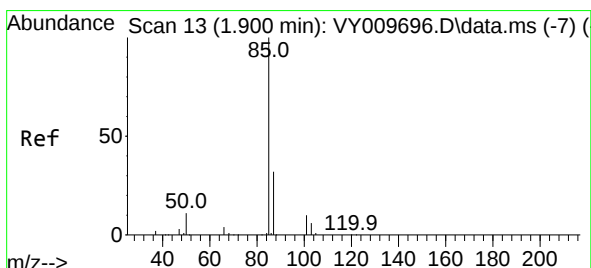
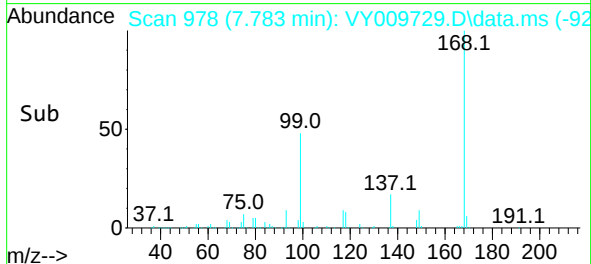
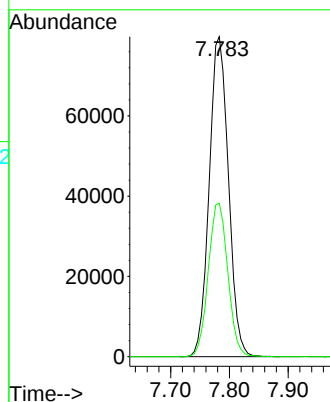
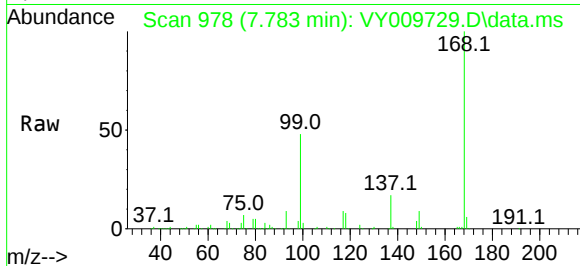




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009729.D
Acq: 27 Jul 2022 17:02

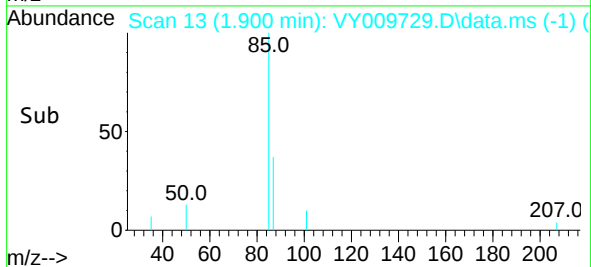
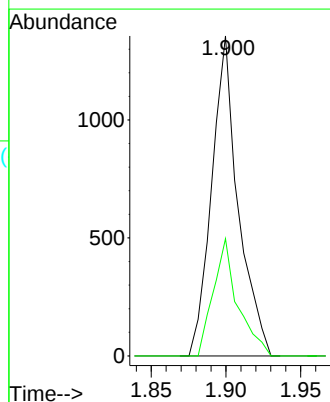
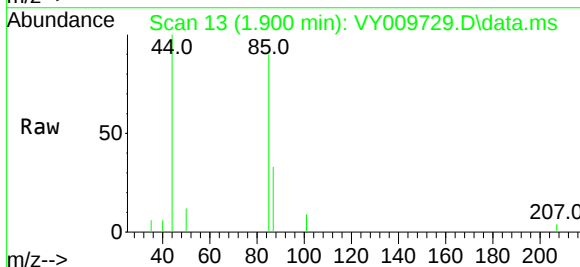
Instrument :
MSVOA_Y
ClientSampleId :
6601-S

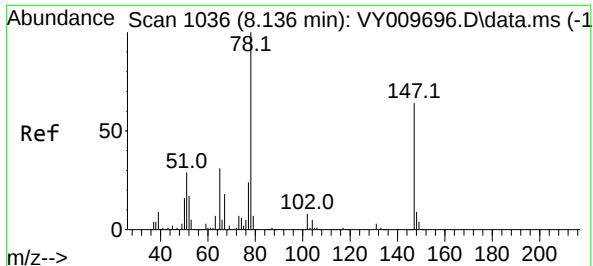
Tgt Ion:168 Resp: 181276
Ion Ratio Lower Upper
168 100
99 48.0 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 1.033 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009729.D
Acq: 27 Jul 2022 17:02

Tgt Ion: 85 Resp: 1667
Ion Ratio Lower Upper
85 100
87 36.7 16.1 48.2





#33

1,2-Dichloroethane-d4

Concen: 64.447 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY009729.D

Acq: 27 Jul 2022 17:02

Instrument :

MSVOA_Y

ClientSampleId :

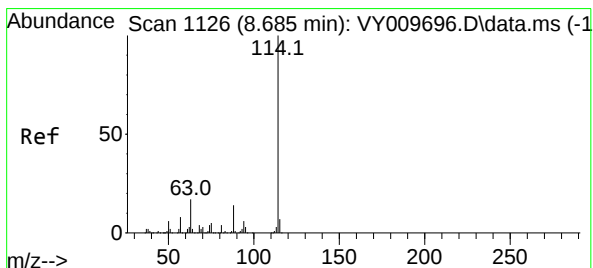
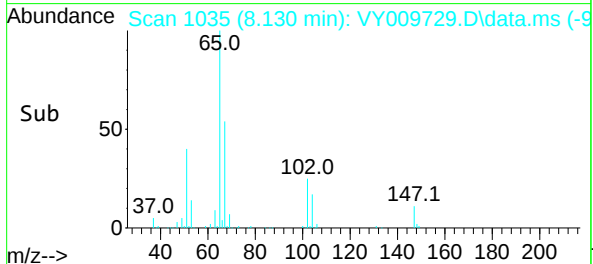
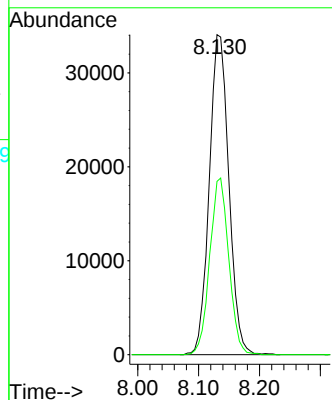
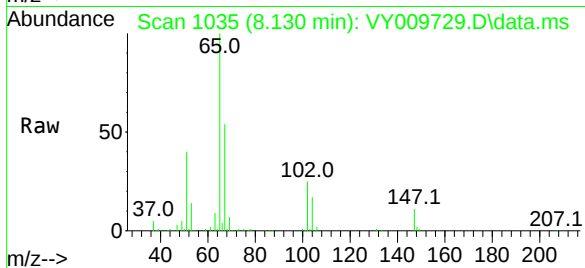
6601-S

Tgt Ion: 65 Resp: 75961

Ion Ratio Lower Upper

65 100

67 53.8 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: VY009729.D

Acq: 27 Jul 2022 17:02

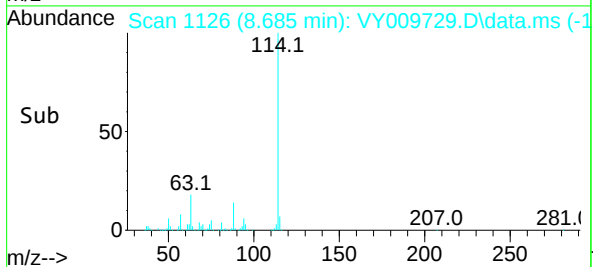
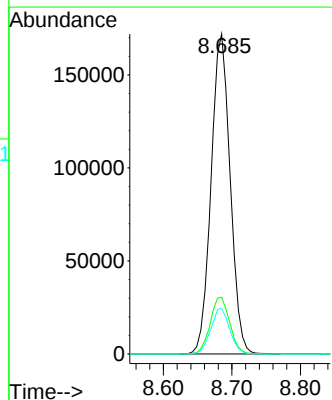
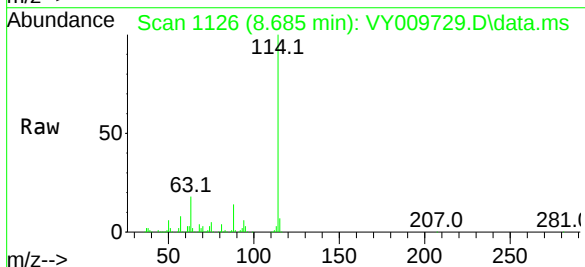
Tgt Ion: 114 Resp: 331893

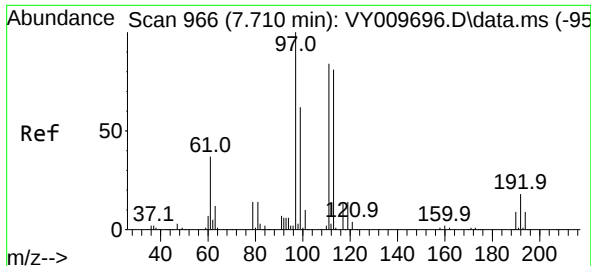
Ion Ratio Lower Upper

114 100

63 17.7 0.0 43.2

88 14.2 0.0 31.8

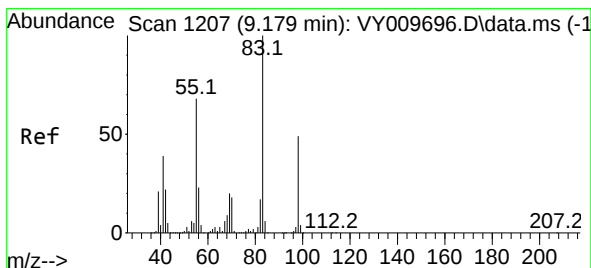
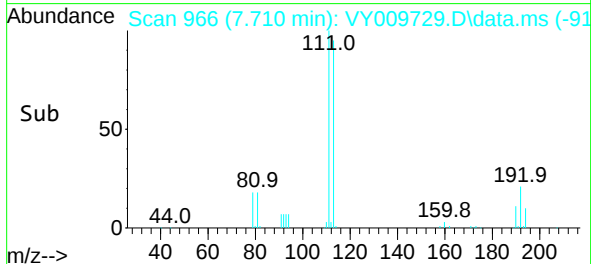
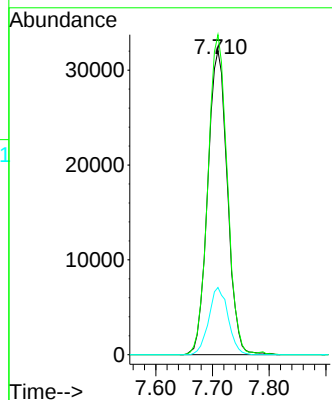
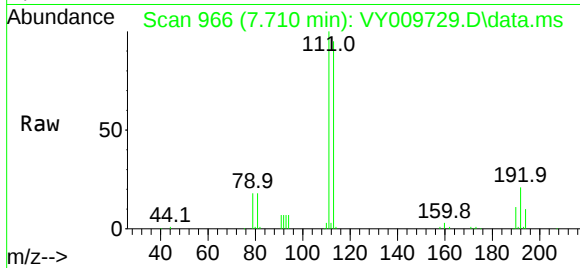




#35
Dibromofluoromethane
Concen: 42.766 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009729.D
Acq: 27 Jul 2022 17:02

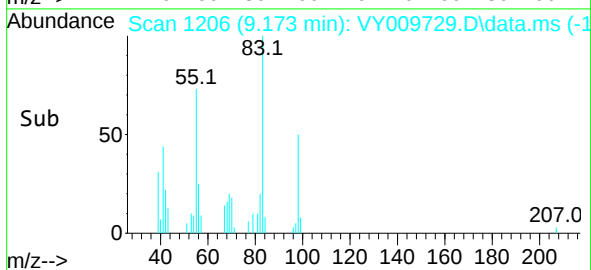
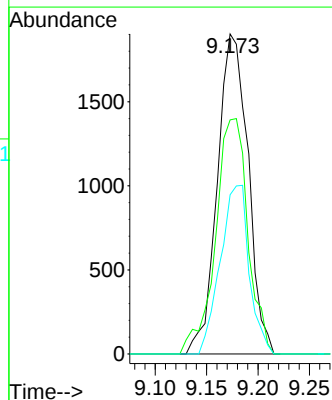
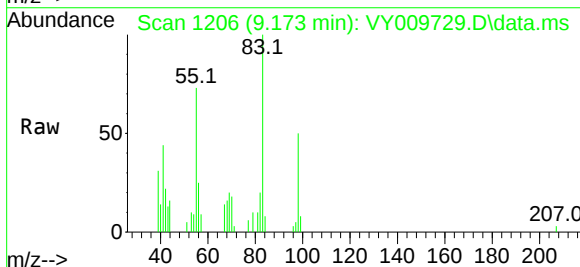
Instrument :
MSVOA_Y
ClientSampleId :
6601-S

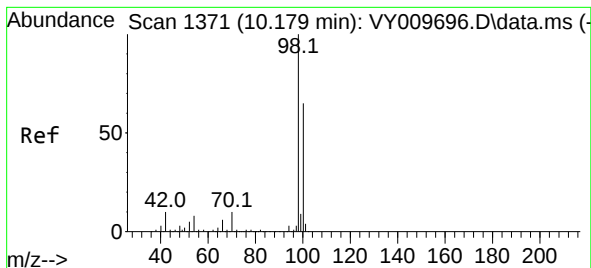
Tgt Ion:113 Resp: 77196
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 21.8 17.6 26.4



#39
Methylcyclohexane
Concen: 1.086 ug/l
RT: 9.173 min Scan# 1206
Delta R.T. -0.006 min
Lab File: VY009729.D
Acq: 27 Jul 2022 17:02

Tgt Ion: 83 Resp: 3952
Ion Ratio Lower Upper
83 100
55 73.1 66.5 99.7
98 49.8 37.9 56.9





#50

Toluene-d8

Concen: 55.812 ug/l

RT: 10.173 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY009729.D

Acq: 27 Jul 2022 17:02

Instrument :

MSVOA_Y

ClientSampleId :

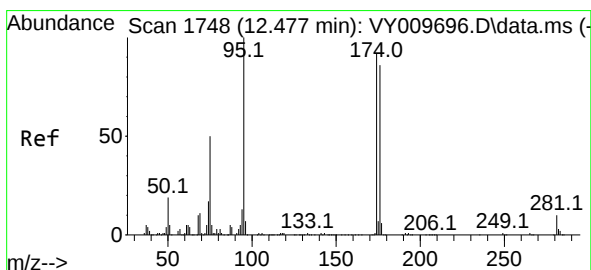
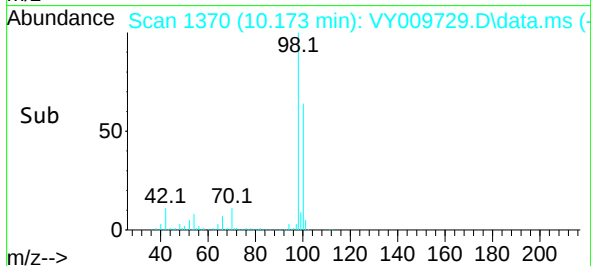
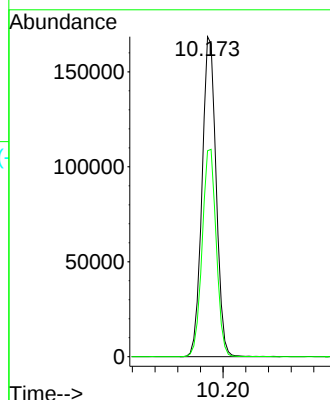
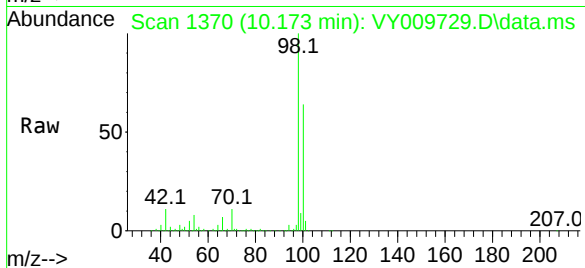
6601-S

Tgt Ion: 98 Resp: 290812

Ion Ratio Lower Upper

98 100

100 64.9 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 40.096 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY009729.D

Acq: 27 Jul 2022 17:02

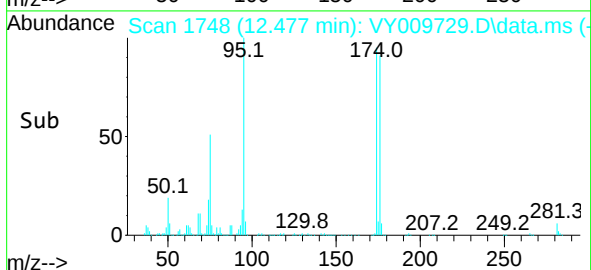
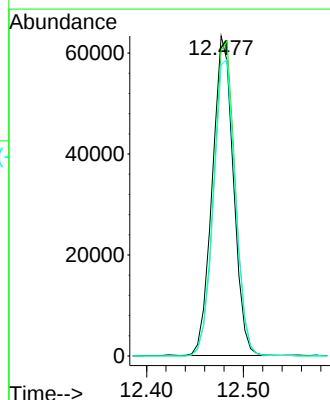
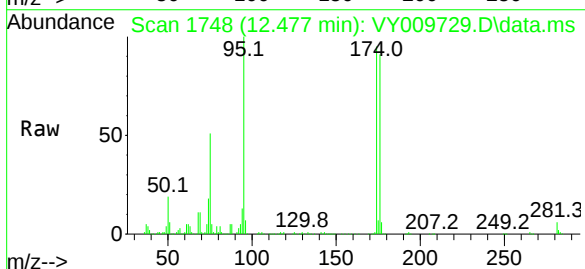
Tgt Ion: 95 Resp: 95970

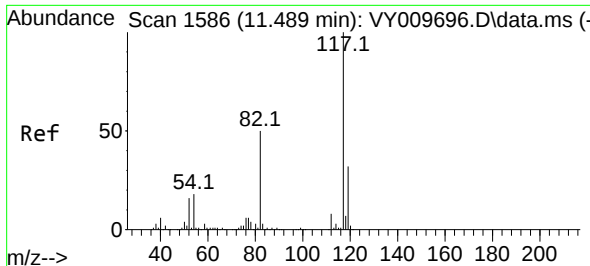
Ion Ratio Lower Upper

95 100

174 100.3 0.0 177.0

176 95.4 0.0 175.8

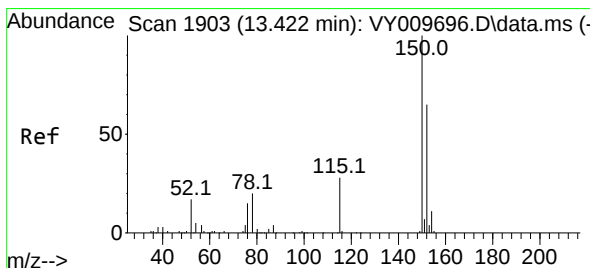
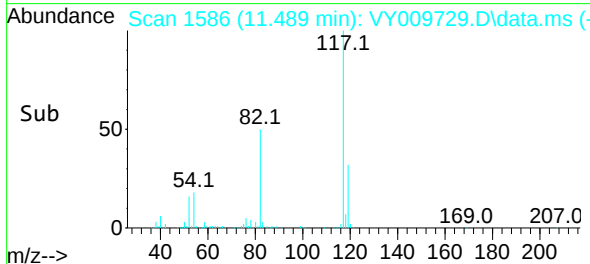
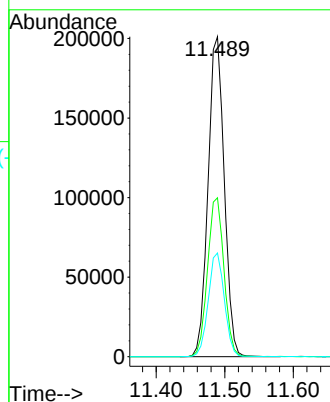
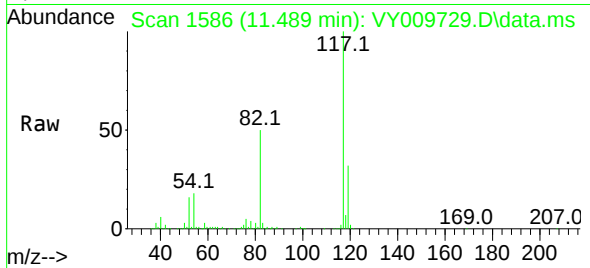




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009729.D
Acq: 27 Jul 2022 17:02

Instrument :
MSVOA_Y
ClientSampleId :
6601-S

Tgt Ion:117 Resp: 330774
Ion Ratio Lower Upper
117 100
82 49.6 43.0 64.4
119 32.4 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: VY009729.D
Acq: 27 Jul 2022 17:02

Tgt Ion:152 Resp: 163022
Ion Ratio Lower Upper
152 100
115 54.4 28.2 84.7
150 155.0 0.0 347.6

