

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072622\
 Data File : VY009710.D
 Acq On : 26 Jul 2022 19:04
 Operator : KP/MD
 Sample : N3888-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-2ND-TP

Quant Time: Jul 27 04:27:46 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)

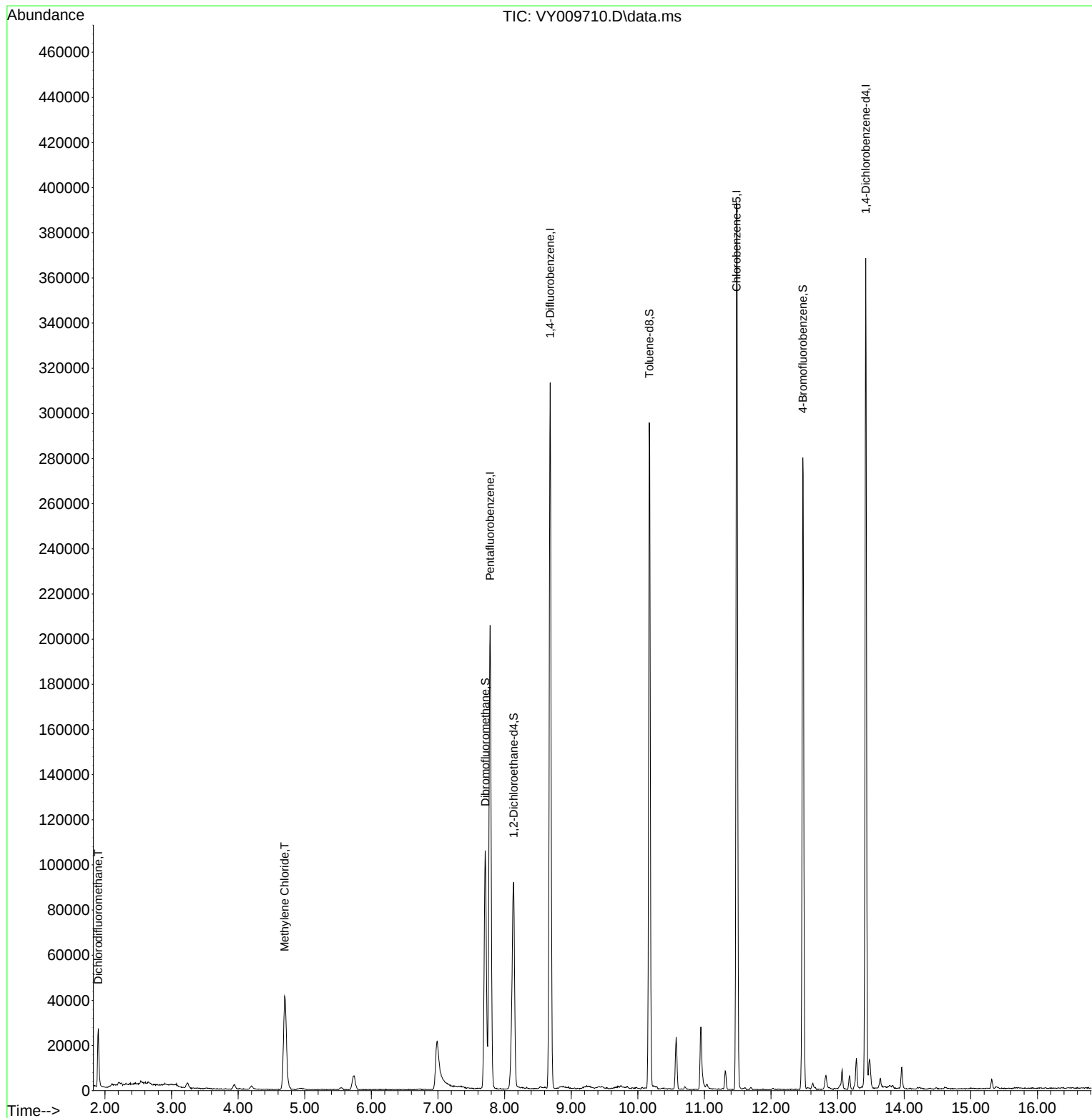
Internal Standards						
1) Pentafluorobenzene	7.783	168	171787	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	270885	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	228491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	96948	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	62366	55.067	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.140%
35) Dibromofluoromethane	7.710	113	73127	49.636	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.280%
50) Toluene-d8	10.173	98	194303	44.848	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	89.700%
62) 4-Bromofluorobenzene	12.477	95	80094	41.000	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	82.000%
Target Compounds						
2) Dichlorodifluoromethane	1.900	85	19989	13.070	ug/l	Qvalue 99
20) Methylene Chloride	4.698	84	31881	8.043	ug/l	# 82

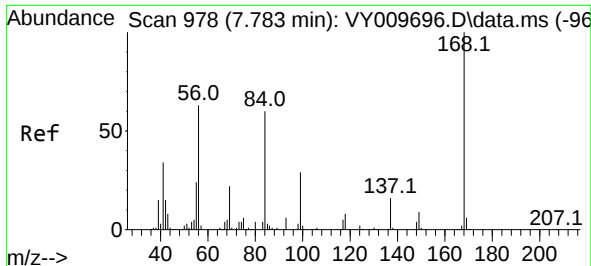
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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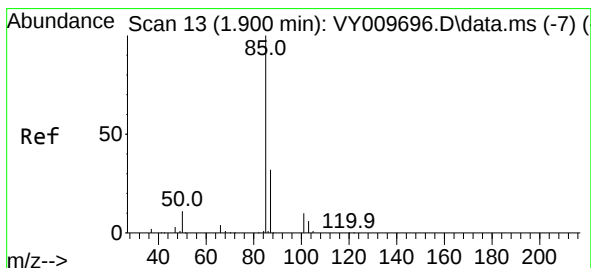
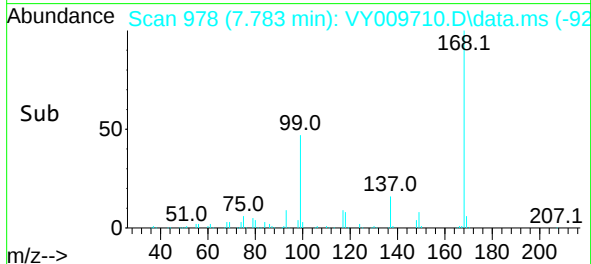
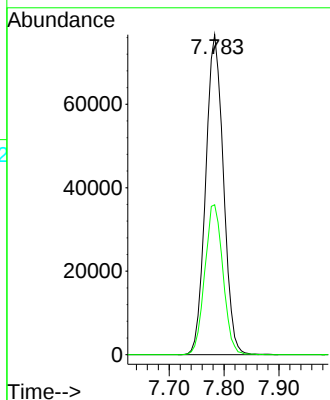
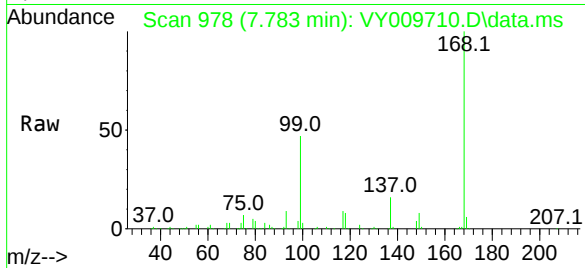




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009710.D
Acq: 26 Jul 2022 19:04

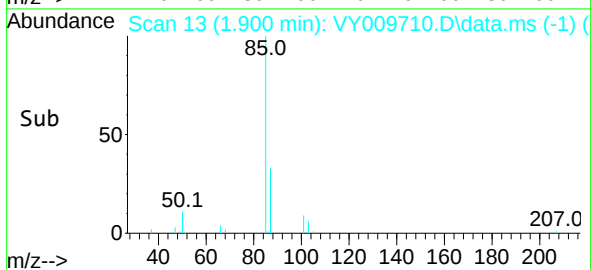
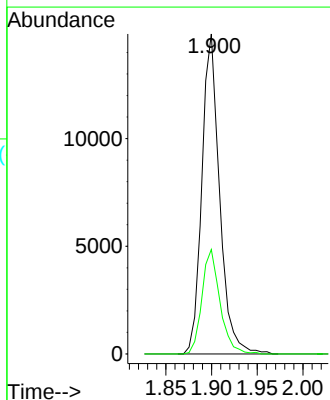
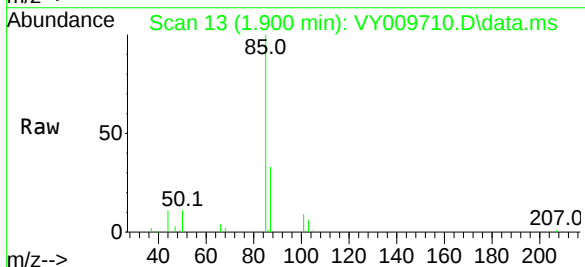
Instrument :
MSVOA_Y
ClientSampleId :
S-2ND-TP

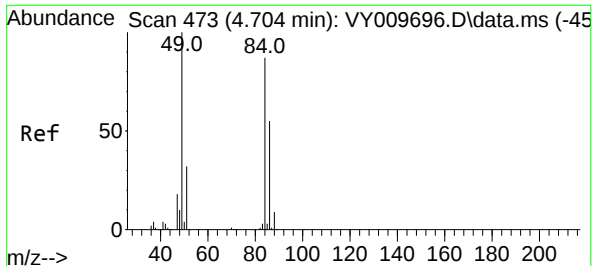
Tgt Ion:168 Resp: 171787
Ion Ratio Lower Upper
168 100
99 46.8 46.9 70.3#



#2
Dichlorodifluoromethane
Concen: 13.070 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009710.D
Acq: 26 Jul 2022 19:04

Tgt Ion: 85 Resp: 19989
Ion Ratio Lower Upper
85 100
87 32.7 16.1 48.2





#20

Methylene Chloride

Concen: 8.043 ug/l

RT: 4.698 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY009710.D

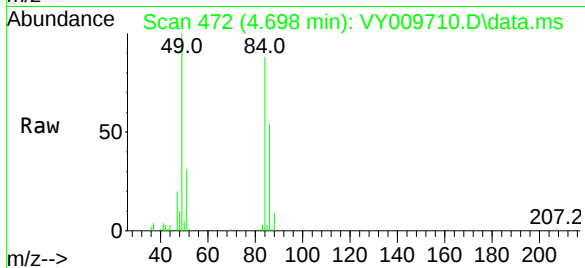
Acq: 26 Jul 2022 19:04

Instrument :

MSVOA_Y

ClientSampleId :

S-2ND-TP



Tgt Ion: 84 Resp: 31881

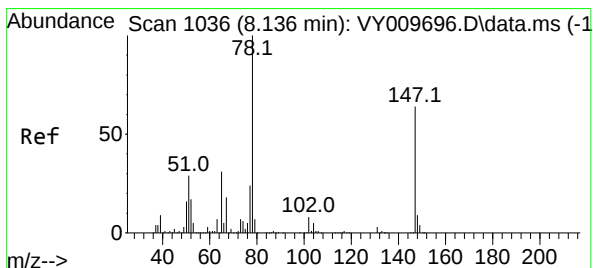
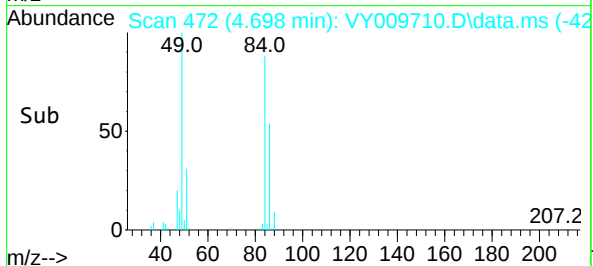
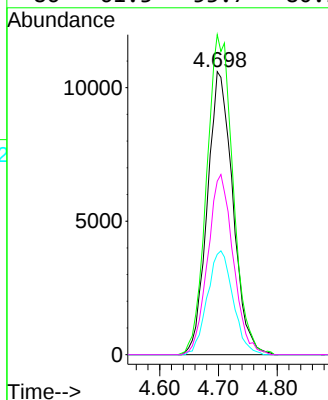
Ion	Ratio	Lower	Upper
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84	100		
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49	113.0	114.4	171.6#
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51	35.4	35.3	52.9
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86	61.3	53.7	80.5
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#33

1,2-Dichloroethane-d4

Concen: 55.067 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009710.D

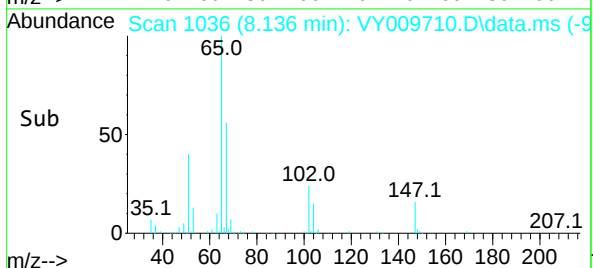
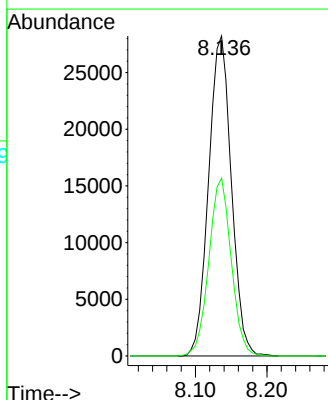
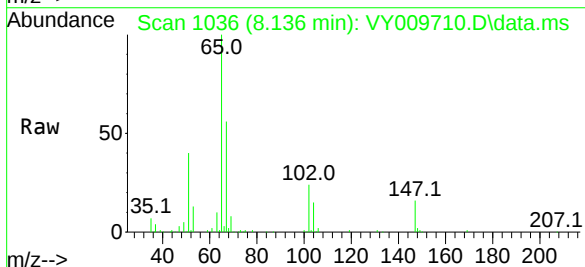
Acq: 26 Jul 2022 19:04

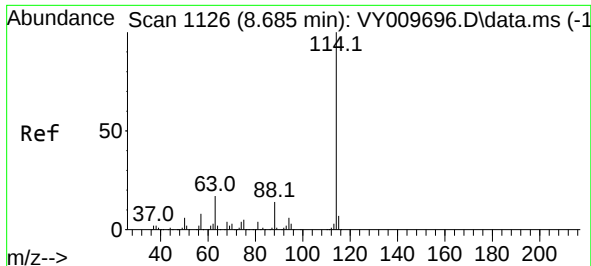
Tgt Ion: 65 Resp: 62366

Ion	Ratio	Lower	Upper
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65	100		
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67	54.6	0.0	99.4
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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009710.D

Acq: 26 Jul 2022 19:04

Instrument :

MSVOA_Y

ClientSampleId :

S-2ND-TP

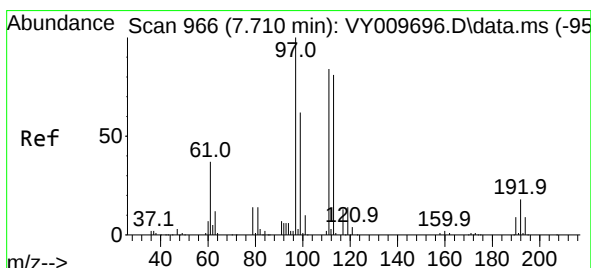
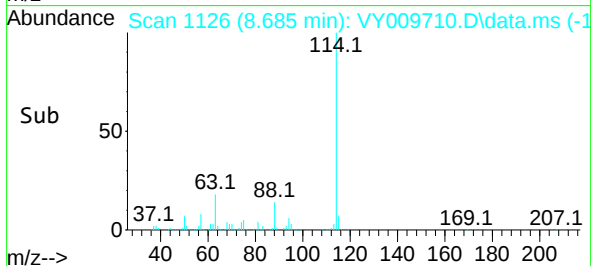
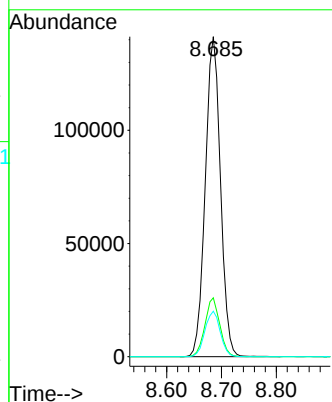
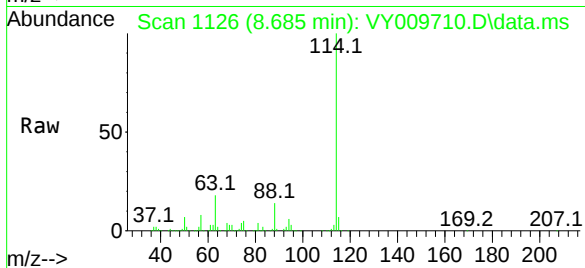
Tgt Ion:114 Resp: 270885

Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 14.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.636 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009710.D

Acq: 26 Jul 2022 19:04

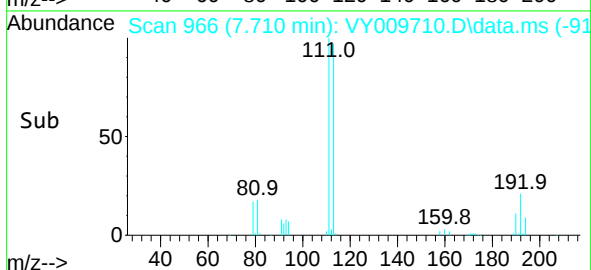
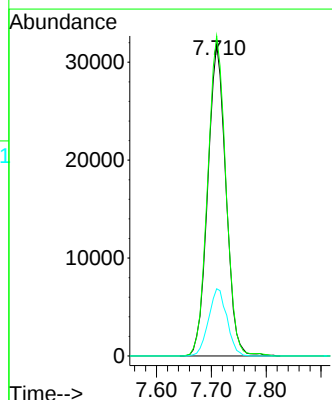
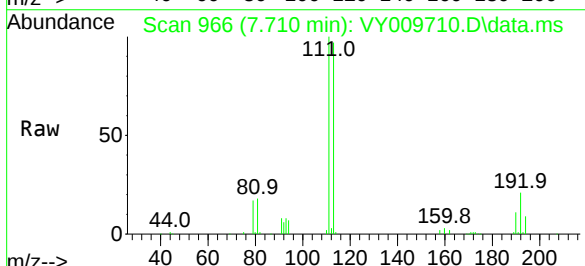
Tgt Ion:113 Resp: 73127

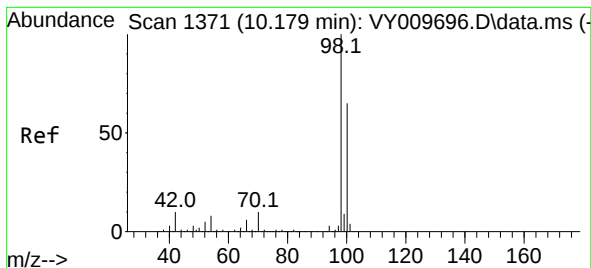
Ion Ratio Lower Upper

113 100

111 103.2 82.6 124.0

192 21.8 17.6 26.4





#50

Toluene-d8

Concen: 44.848 ug/l

RT: 10.173 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY009710.D

Acq: 26 Jul 2022 19:04

Instrument :

MSVOA_Y

ClientSampleId :

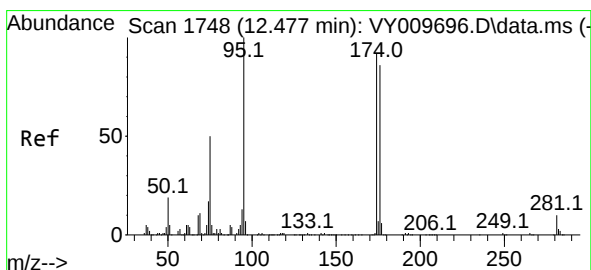
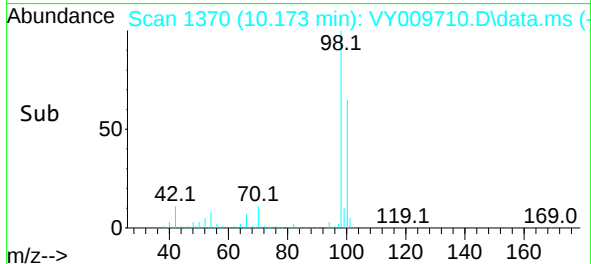
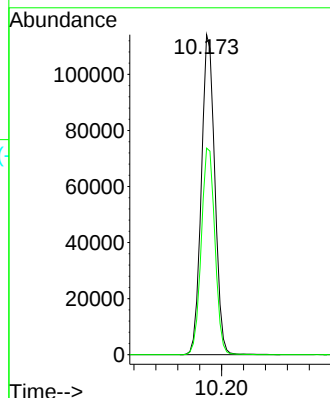
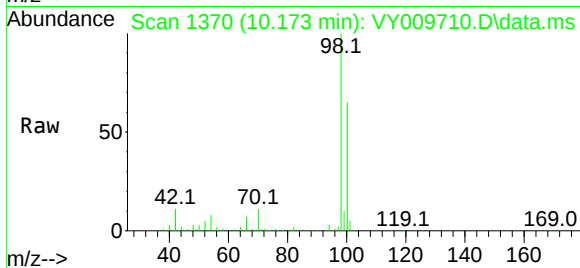
S-2ND-TP

Tgt Ion: 98 Resp: 194303

Ion Ratio Lower Upper

98 100

100 65.7 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 41.000 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY009710.D

Acq: 26 Jul 2022 19:04

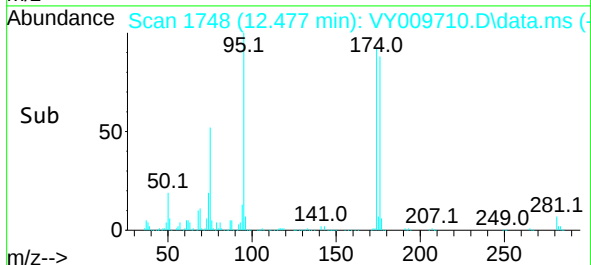
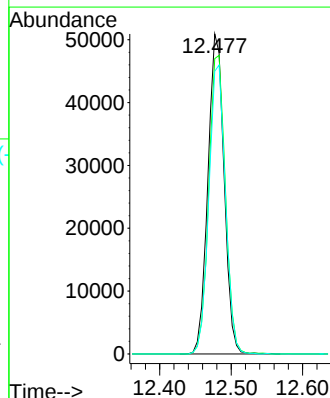
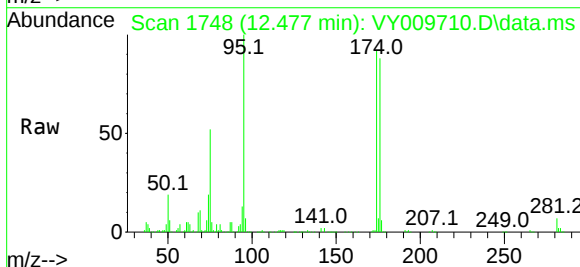
Tgt Ion: 95 Resp: 80094

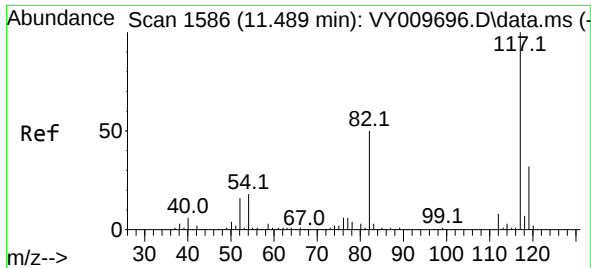
Ion Ratio Lower Upper

95 100

174 95.8 0.0 177.0

176 92.1 0.0 175.8

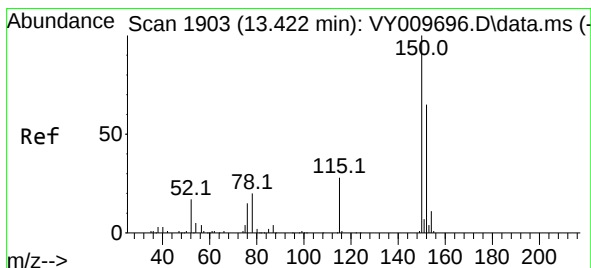
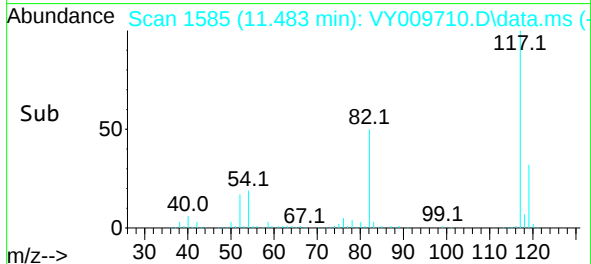
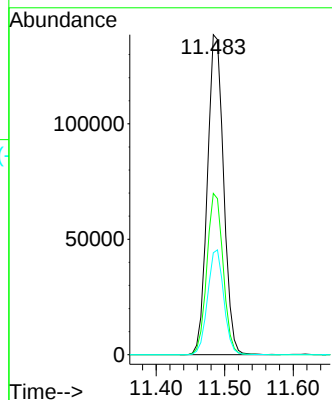
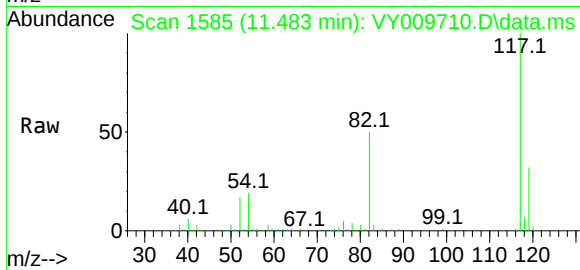




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009710.D
Acq: 26 Jul 2022 19:04

Instrument :
MSVOA_Y
ClientSampleId :
S-2ND-TP

Tgt Ion:117 Resp: 228491
Ion Ratio Lower Upper
117 100
82 50.4 43.0 64.4
119 31.8 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: VY009710.D
Acq: 26 Jul 2022 19:04

Tgt Ion:152 Resp: 96948
Ion Ratio Lower Upper
152 100
115 54.2 28.2 84.7
150 156.4 0.0 347.6

