

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080122\
 Data File : VY009801.D
 Acq On : 01 Aug 2022 17:02
 Operator : KP/MD
 Sample : N3976-01
 Misc : 5.62g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-0729

Quant Time: Aug 02 01:40:58 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)

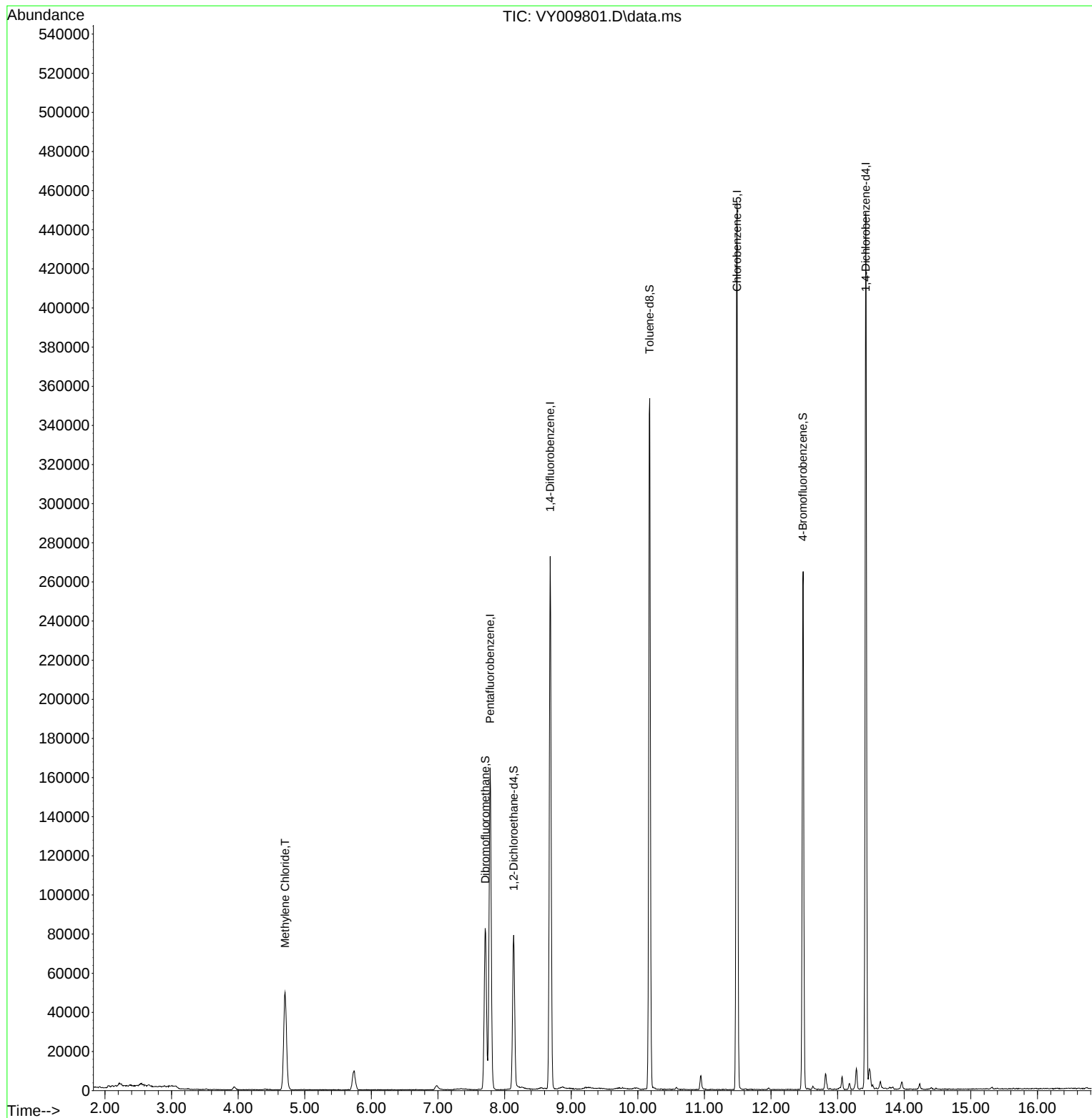
Internal Standards						
1) Pentafluorobenzene	7.783	168	134909	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	235322	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	255993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	119881	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	59033	67.554	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.100%
35) Dibromofluoromethane	7.710	113	58220	45.490	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.980%
50) Toluene-d8	10.179	98	235825	64.498	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	129.000%#
62) 4-Bromofluorobenzene	12.477	95	76269	44.942	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	89.880%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.704	84	37984	18.413	ug/l	85

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

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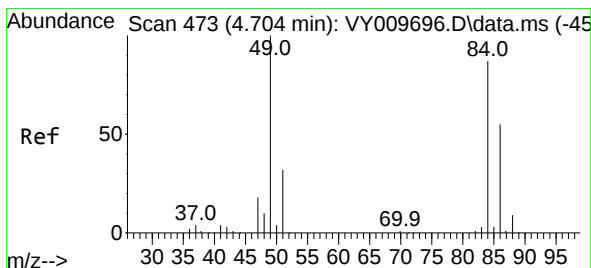
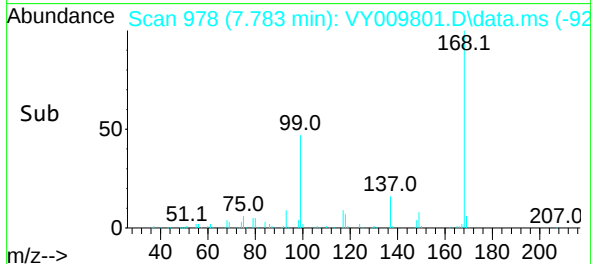
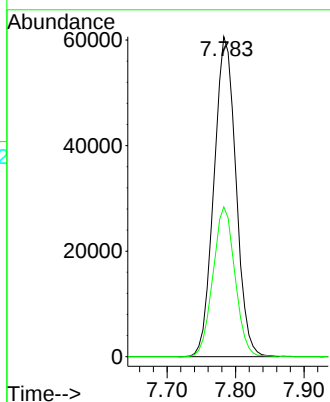
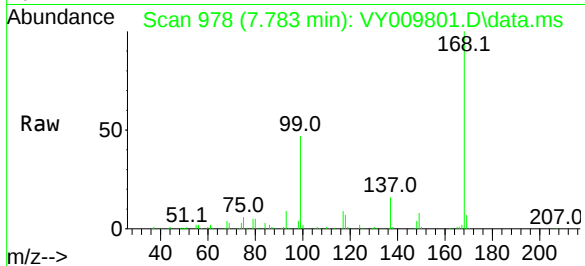




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009801.D
Acq: 01 Aug 2022 17:02

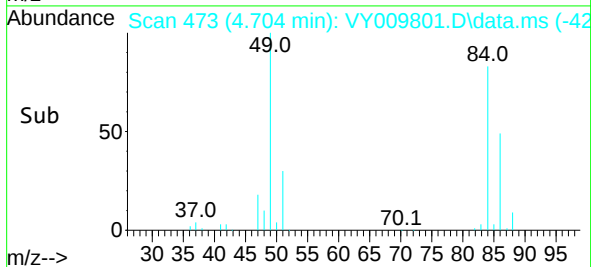
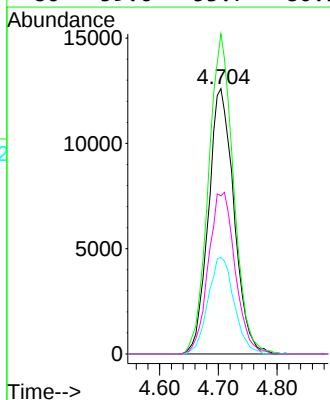
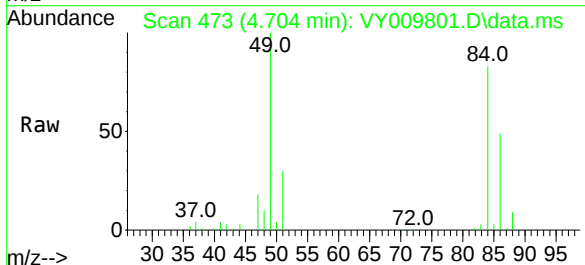
Instrument :
MSVOA_Y
ClientSampleId :
TP1-0729

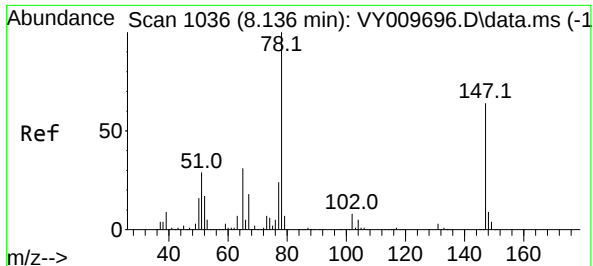
Tgt Ion:168 Resp: 134909
Ion Ratio Lower Upper
168 100
99 46.8 46.9 70.3#



#20
Methylene Chloride
Concen: 18.413 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY009801.D
Acq: 01 Aug 2022 17:02

Tgt Ion: 84 Resp: 37984
Ion Ratio Lower Upper
84 100
49 120.6 114.4 171.6
51 36.5 35.3 52.9
86 59.6 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 67.554 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY009801.D

Acq: 01 Aug 2022 17:02

Instrument :

MSVOA_Y

ClientSampleId :

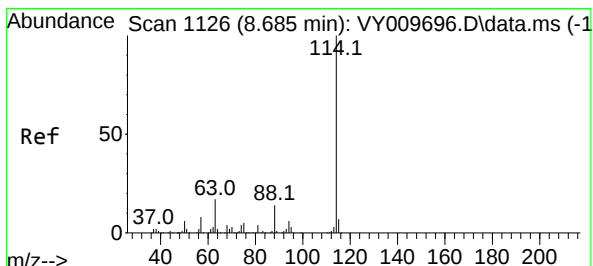
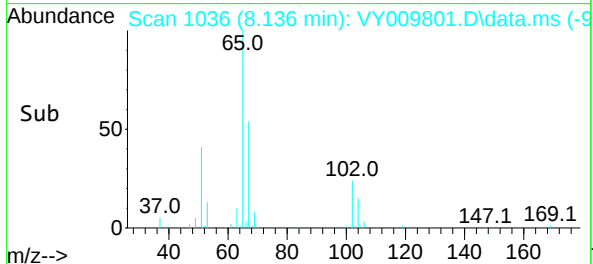
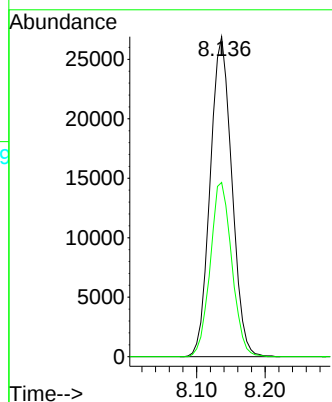
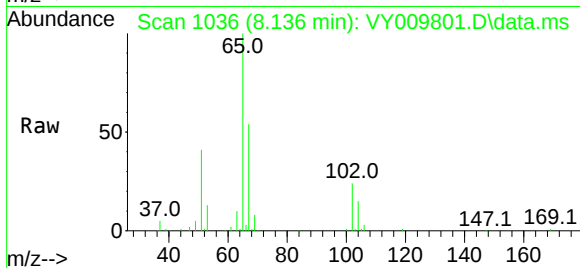
TP1-0729

Tgt Ion: 65 Resp: 59033

Ion Ratio Lower Upper

65 100

67 54.3 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: VY009801.D

Acq: 01 Aug 2022 17:02

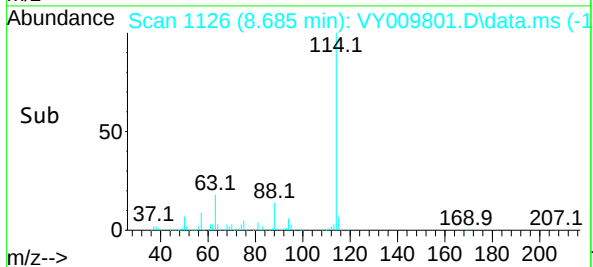
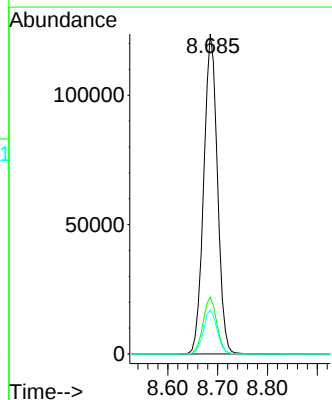
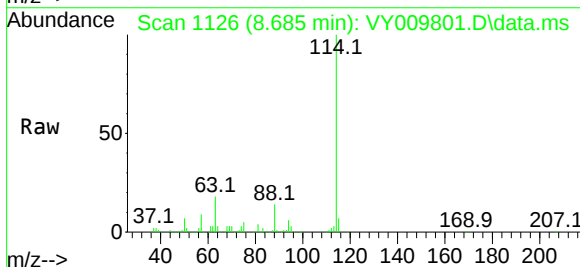
Tgt Ion: 114 Resp: 235322

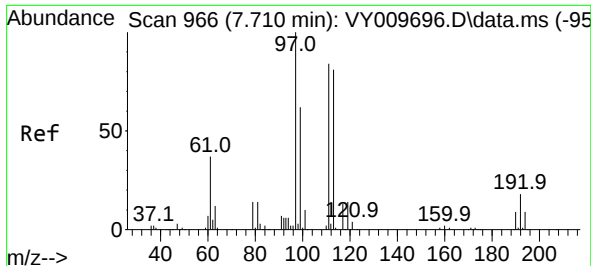
Ion Ratio Lower Upper

114 100

63 17.7 0.0 43.2

88 13.7 0.0 31.8

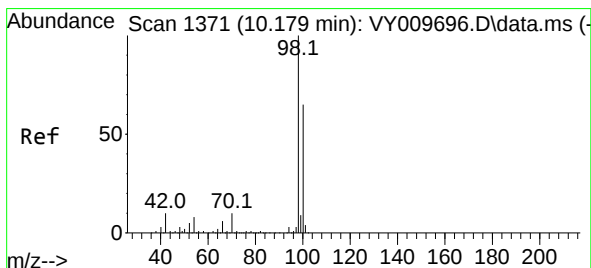
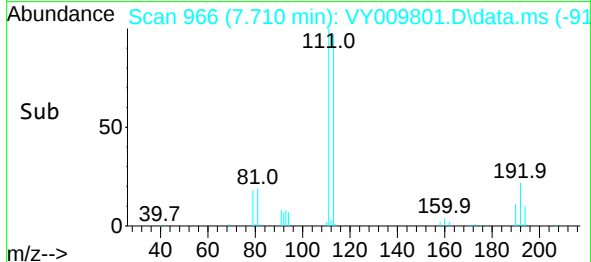
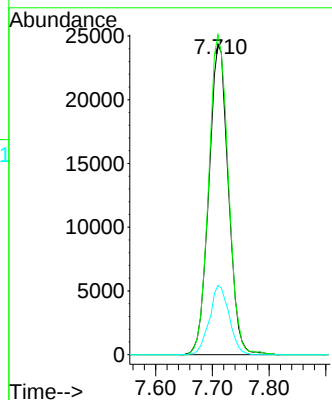
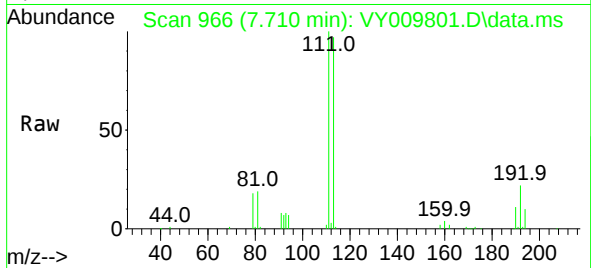




#35
Dibromofluoromethane
Concen: 45.490 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY009801.D
Acq: 01 Aug 2022 17:02

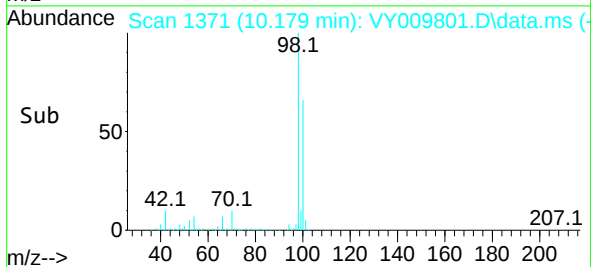
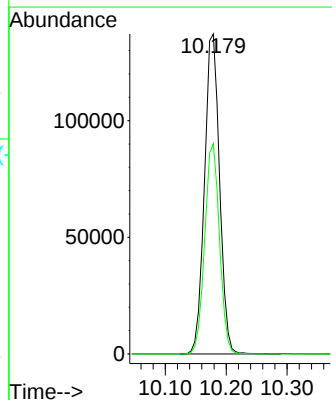
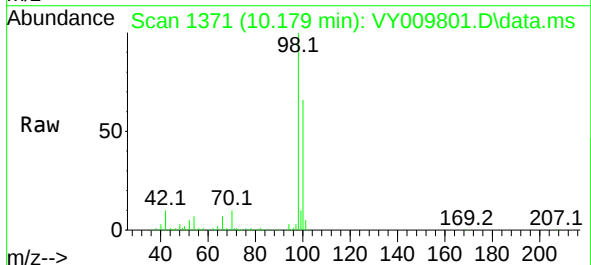
Instrument :
MSVOA_Y
ClientSampleId :
TP1-0729

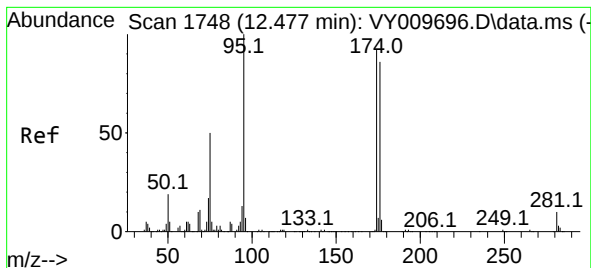
Tgt Ion:113 Resp: 58220
Ion Ratio Lower Upper
113 100
111 103.9 82.6 124.0
192 22.4 17.6 26.4



#50
Toluene-d8
Concen: 64.498 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009801.D
Acq: 01 Aug 2022 17:02

Tgt Ion: 98 Resp: 235825
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2

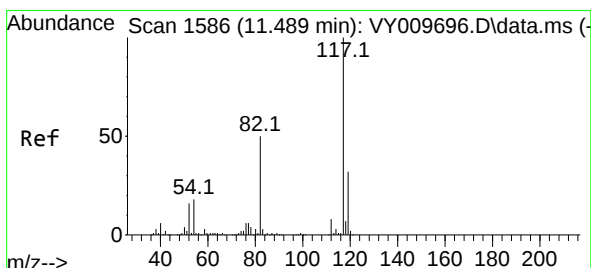
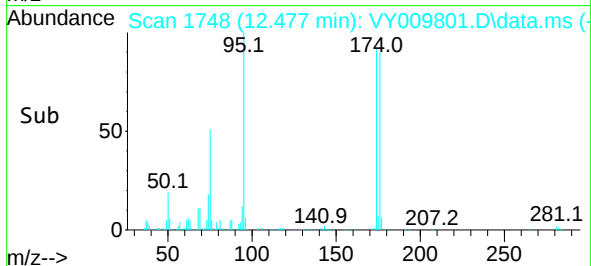
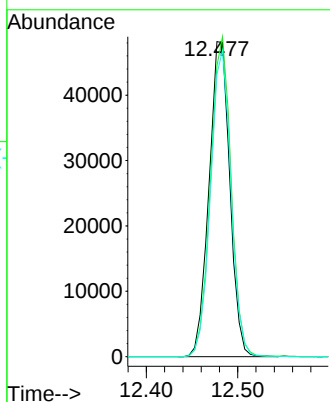
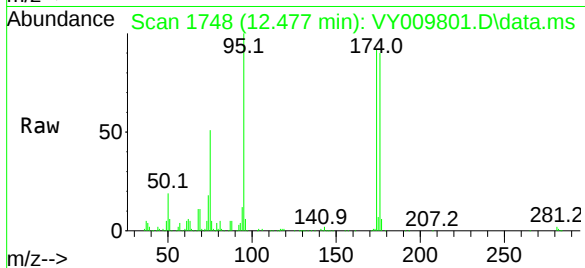




#62
4-Bromofluorobenzene
Concen: 44.942 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009801.D
Acq: 01 Aug 2022 17:02

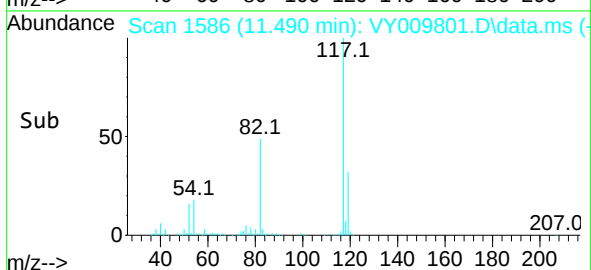
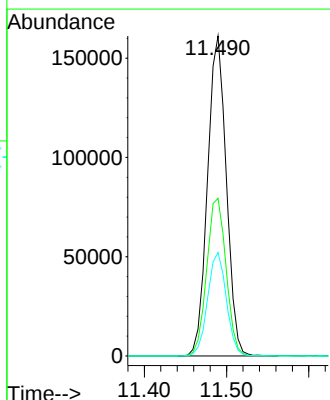
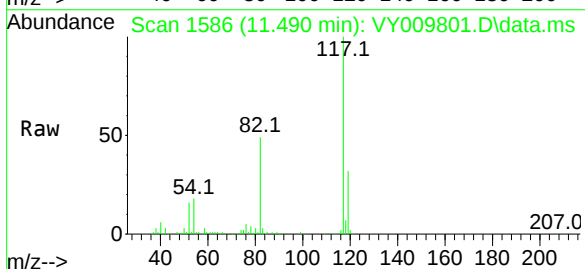
Instrument :
MSVOA_Y
ClientSampleId :
TP1-0729

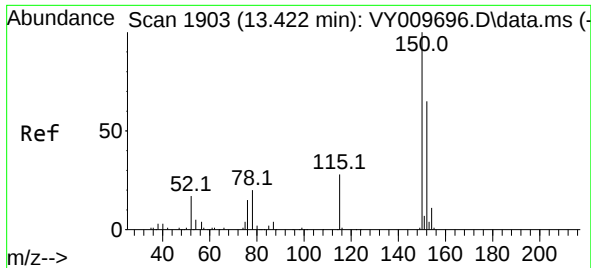
Tgt Ion: 95 Resp: 76269
Ion Ratio Lower Upper
95 100
174 99.9 0.0 177.0
176 95.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY009801.D
Acq: 01 Aug 2022 17:02

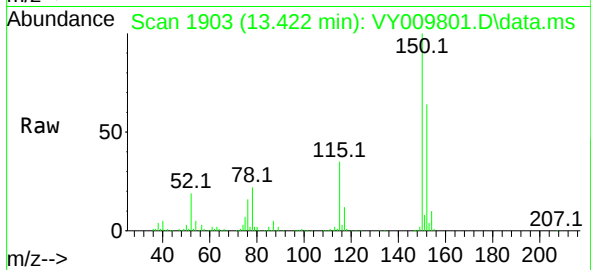
Tgt Ion: 117 Resp: 255993
Ion Ratio Lower Upper
117 100
82 49.3 43.0 64.4
119 32.4 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY009801.D
 Acq: 01 Aug 2022 17:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-0729



Tgt Ion:152 Resp: 119881
 Ion Ratio Lower Upper
 152 100
 115 53.7 28.2 84.7
 150 155.2 0.0 347.6

