

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
 Data File : VY009665.D
 Acq On : 22 Jul 2022 17:23
 Operator : KP/MD
 Sample : N3837-02
 Misc : 3.81g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PX-2

Quant Time: Jul 23 00:55:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

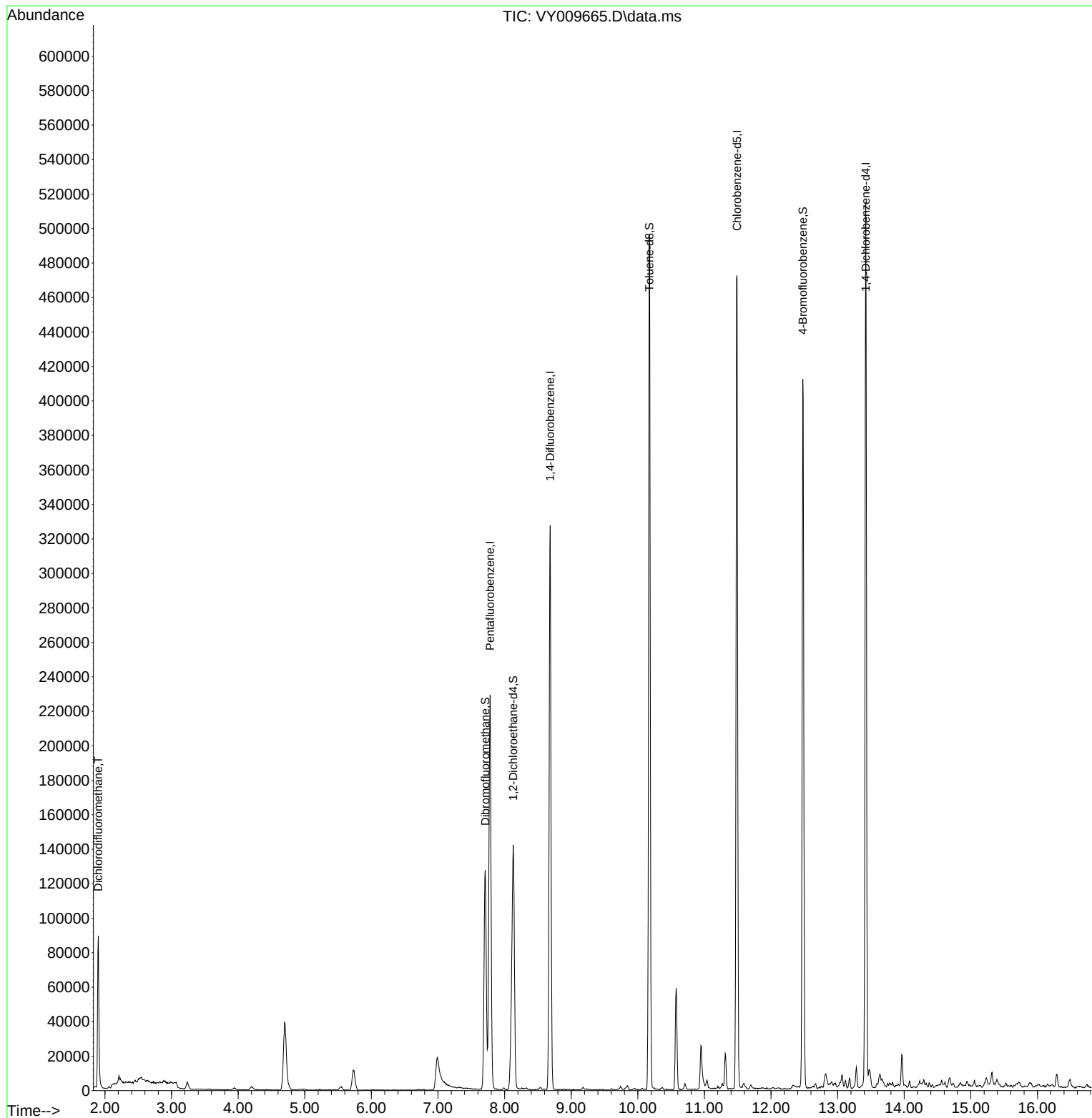
Internal Standards						
1) Pentafluorobenzene	7.783	168	188007	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	290251	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	277258	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	138936	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	94826	53.330	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.660%
35) Dibromofluoromethane	7.710	113	90290	49.377	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.760%
50) Toluene-d8	10.173	98	332310	47.273	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	94.540%
62) 4-Bromofluorobenzene	12.477	95	113384	49.778	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	99.560%
Target Compounds						
2) Dichlorodifluoromethane	1.900	85	68978	41.813	ug/l	Qvalue 98

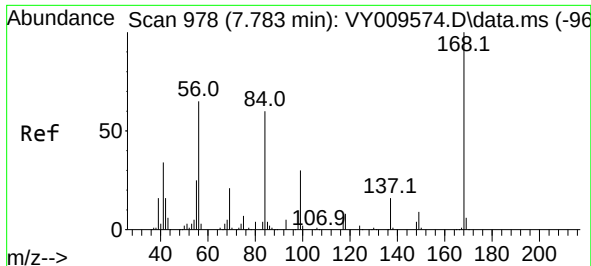
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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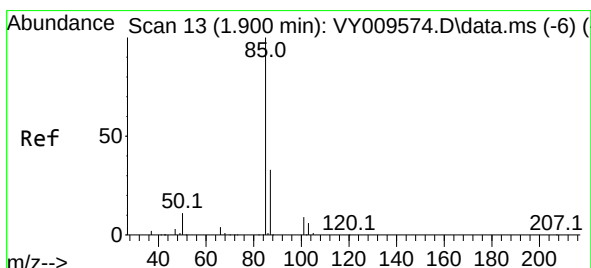
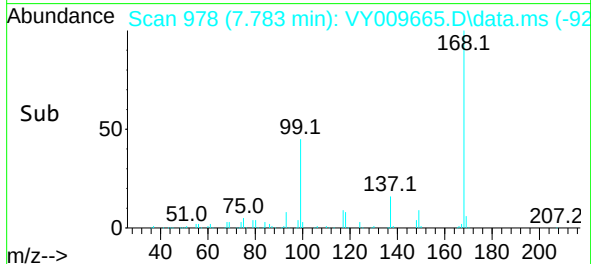
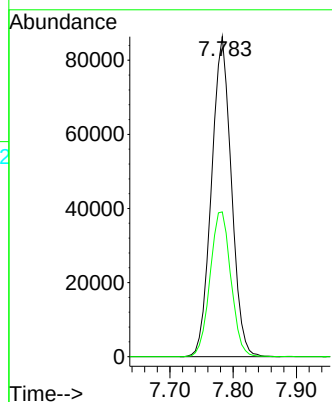
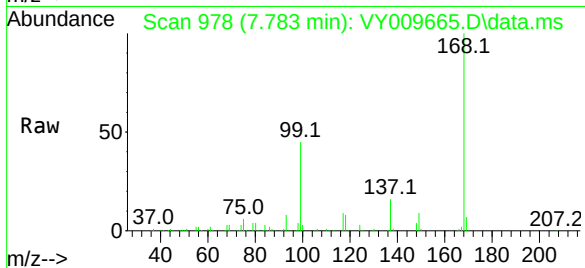




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009665.D
Acq: 22 Jul 2022 17:23

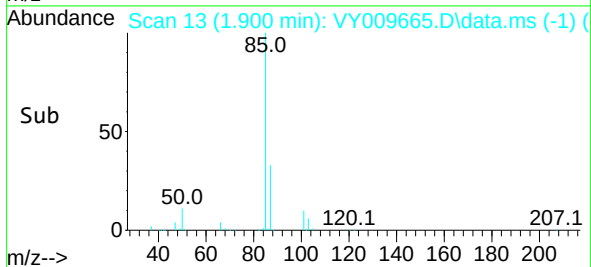
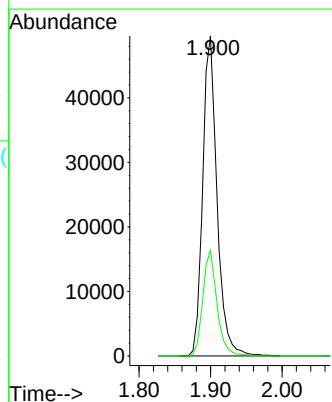
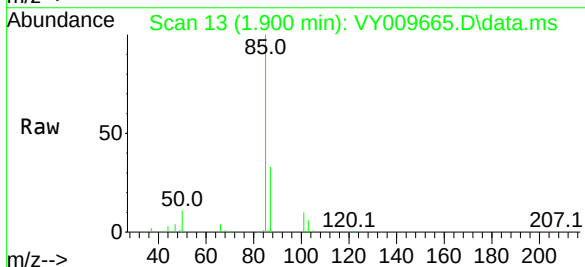
Instrument :
MSVOA_Y
ClientSampleId :
PX-2

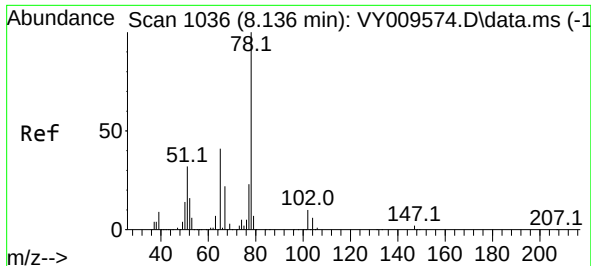
Tgt Ion:168 Resp: 188007
Ion Ratio Lower Upper
168 100
99 45.2 46.9 70.3#



#2
Dichlorodifluoromethane
Concen: 41.813 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009665.D
Acq: 22 Jul 2022 17:23

Tgt Ion: 85 Resp: 68978
Ion Ratio Lower Upper
85 100
87 33.0 16.1 48.2





#33

1,2-Dichloroethane-d4

Concen: 53.330 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY009665.D

Acq: 22 Jul 2022 17:23

Instrument :

MSVOA_Y

ClientSampleId :

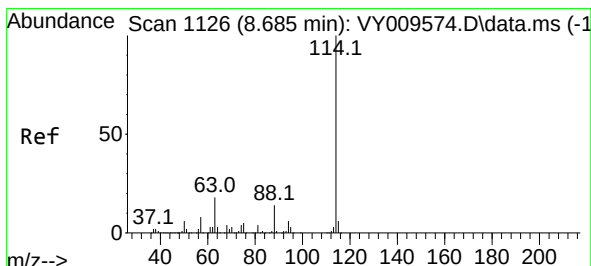
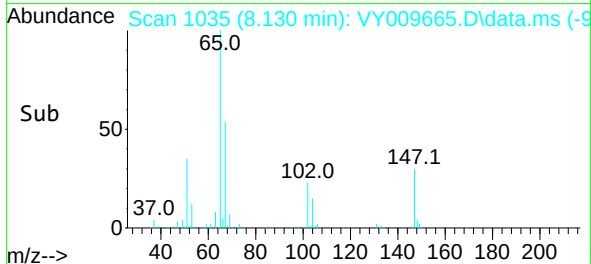
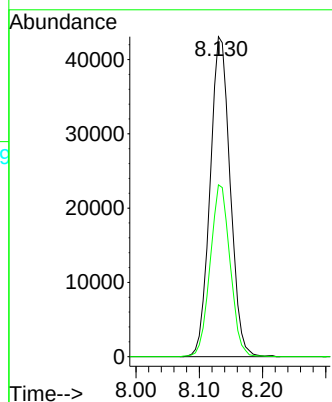
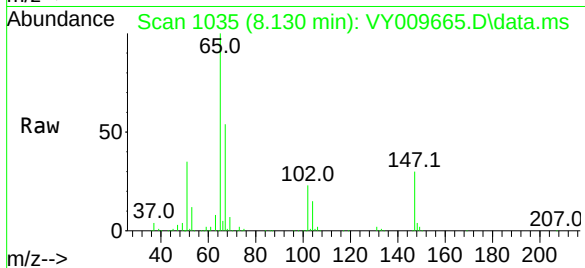
PX-2

Tgt Ion: 65 Resp: 94826

Ion Ratio Lower Upper

65 100

67 53.4 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: VY009665.D

Acq: 22 Jul 2022 17:23

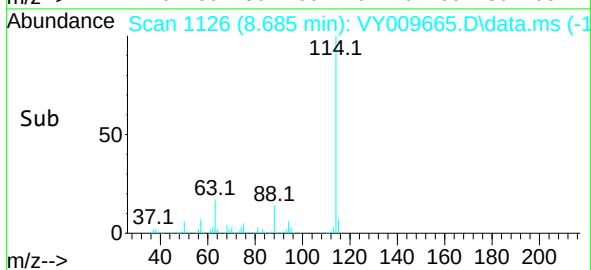
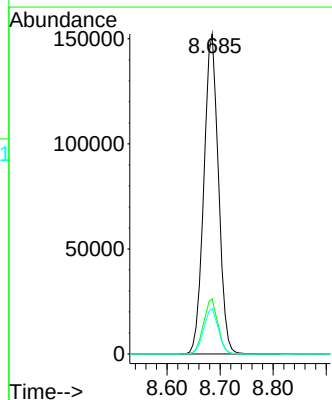
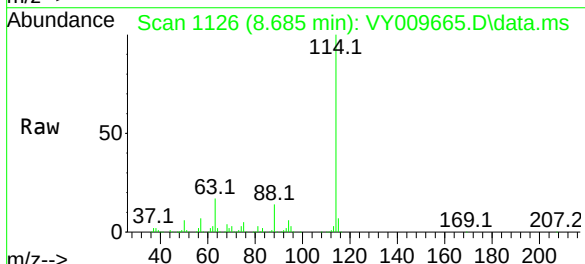
Tgt Ion: 114 Resp: 290251

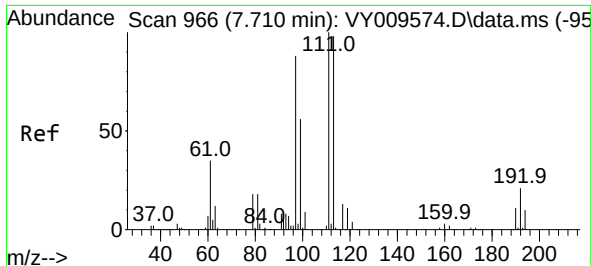
Ion Ratio Lower Upper

114 100

63 17.2 0.0 43.2

88 14.2 0.0 31.8



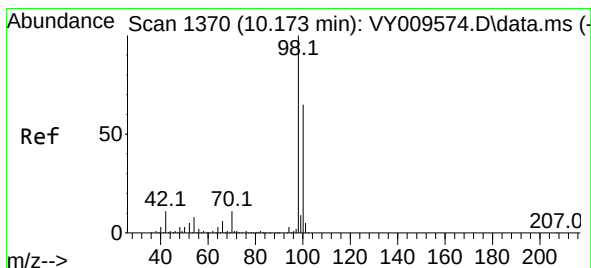
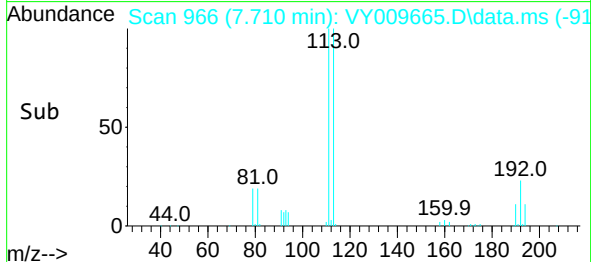
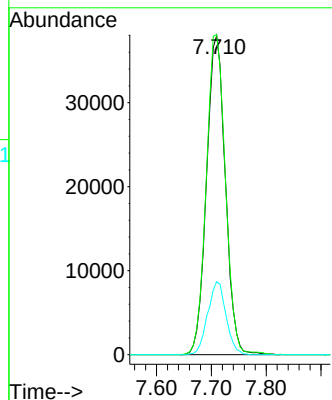
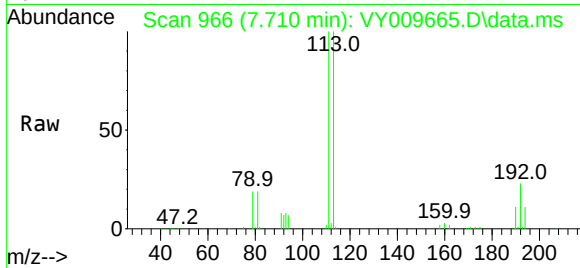


#35
 Dibromofluoromethane
 Concen: 49.377 ug/l
 RT: 7.710 min Scan# 90
 Delta R.T. -0.000 min
 Lab File: VY009665.D
 Acq: 22 Jul 2022 17:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 PX-2

Tgt Ion:113 Resp: 90290

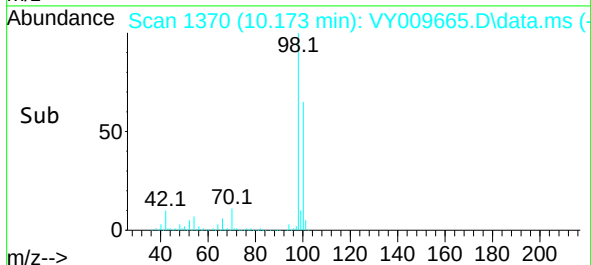
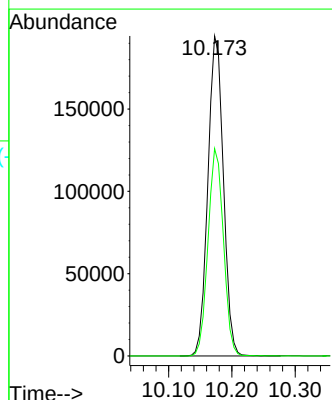
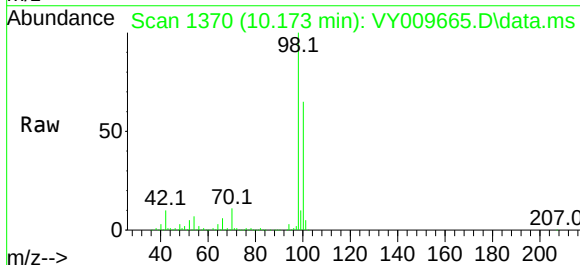
Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.6	124.0
192	22.3	17.6	26.4

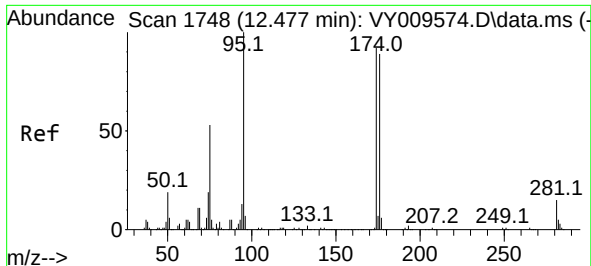


#50
 Toluene-d8
 Concen: 47.273 ug/l
 RT: 10.173 min Scan# 1370
 Delta R.T. -0.000 min
 Lab File: VY009665.D
 Acq: 22 Jul 2022 17:23

Tgt Ion: 98 Resp: 332310

Ion	Ratio	Lower	Upper
98	100		
100	64.4	50.2	75.2

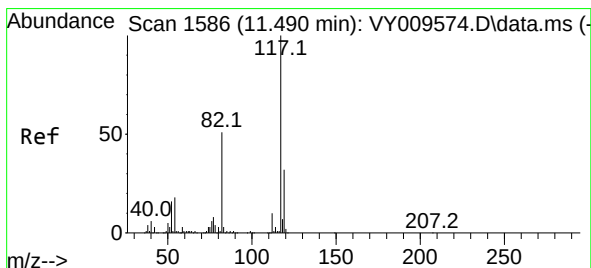
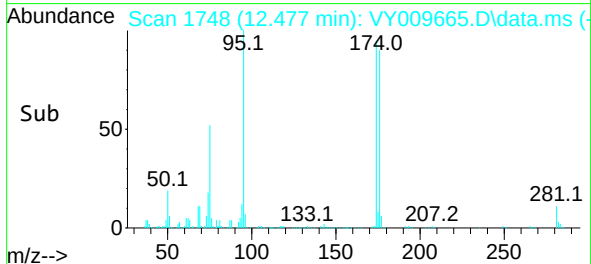
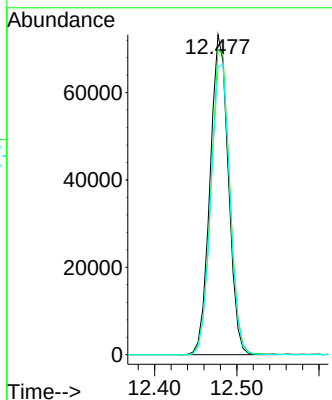
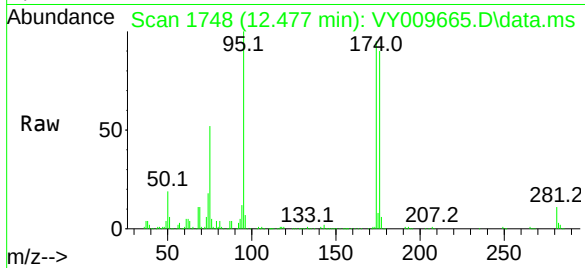




#62
4-Bromofluorobenzene
Concen: 49.778 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009665.D
Acq: 22 Jul 2022 17:23

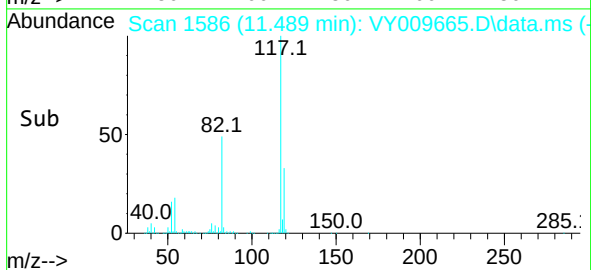
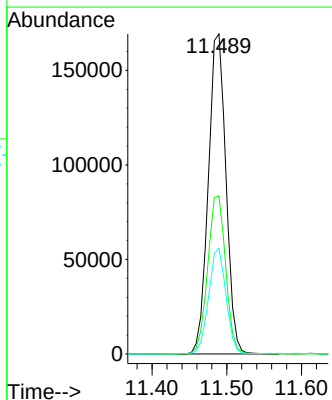
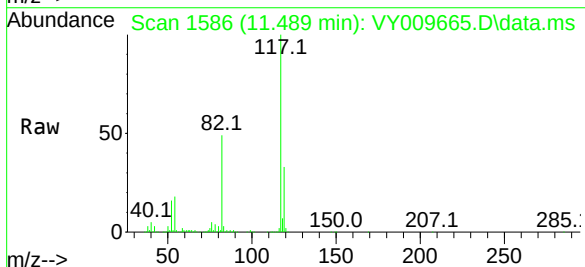
Instrument :
MSVOA_Y
ClientSampleId :
PX-2

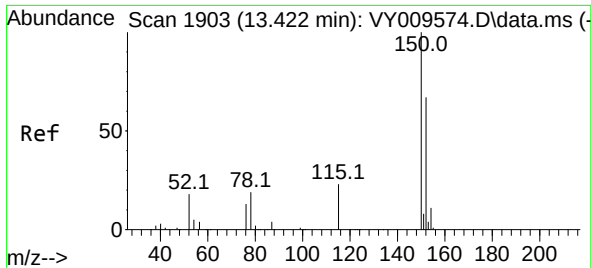
Tgt Ion: 95 Resp: 113384
Ion Ratio Lower Upper
95 100
174 97.8 0.0 177.0
176 93.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009665.D
Acq: 22 Jul 2022 17:23

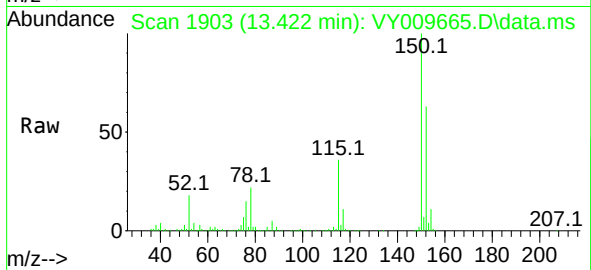
Tgt Ion: 117 Resp: 277258
Ion Ratio Lower Upper
117 100
82 49.4 43.0 64.4
119 32.9 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY009665.D
 Acq: 22 Jul 2022 17:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 PX-2



Tgt Ion:152 Resp: 138936
 Ion Ratio Lower Upper
 152 100
 115 53.8 28.2 84.7
 150 156.0 0.0 347.6

