

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071122\
 Data File : VY009518.D
 Acq On : 11 Jul 2022 18:12
 Operator : KP/MD
 Sample : N3648-01
 Misc : 4.58g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CMR-TP1-0708

Quant Time: Jul 12 05:04:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 11:00:56 2022
 Response via : Initial Calibration

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

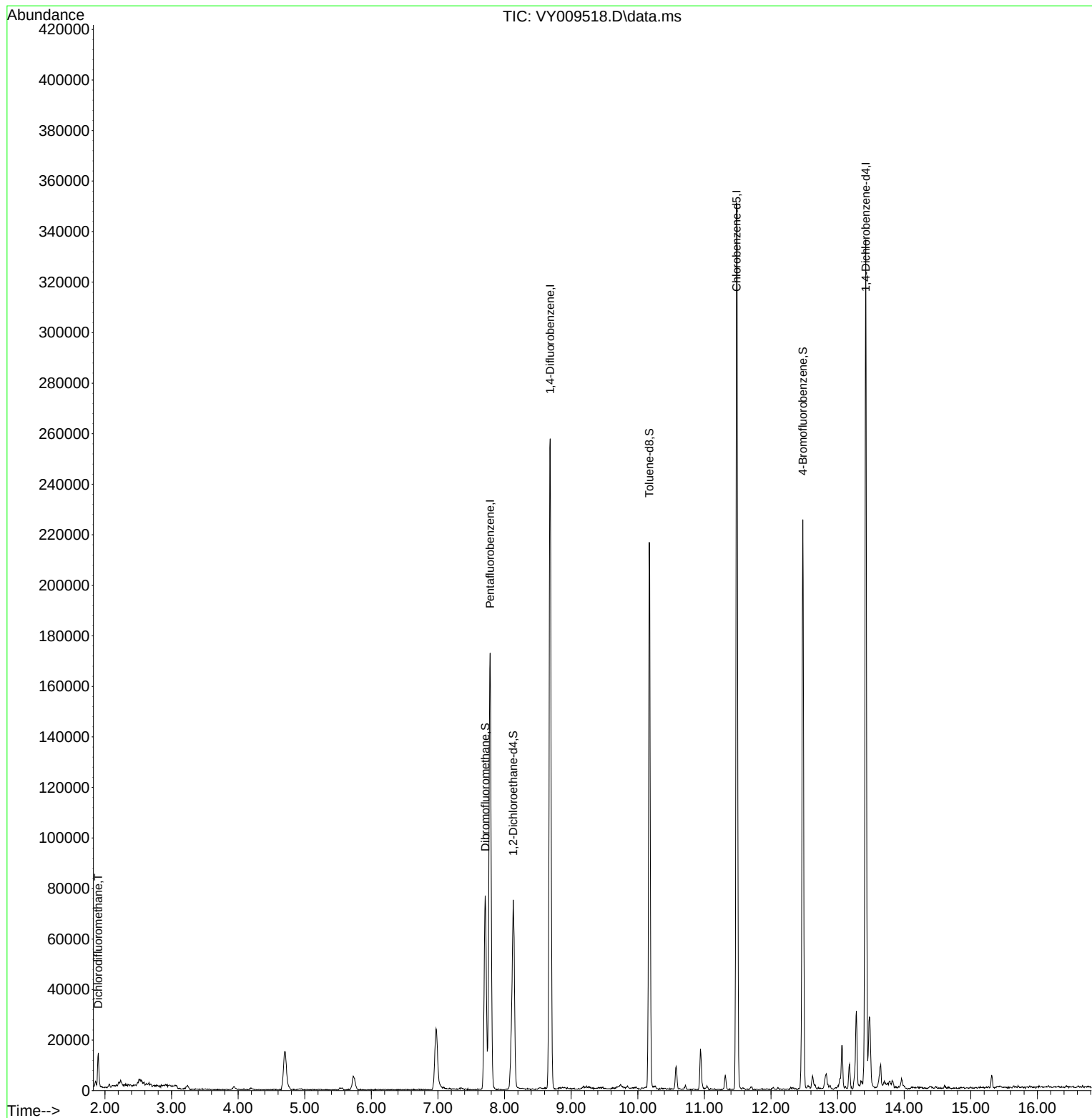
Internal Standards						
1) Pentafluorobenzene	7.783	168	139352	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	222480	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.484	117	192609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	83957	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	48633	49.476	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.960%
35) Dibromofluoromethane	7.710	113	52815	45.117	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.240%
50) Toluene-d8	10.173	98	133630	40.013	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	80.020%
62) 4-Bromofluorobenzene	12.477	95	63828	38.627	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	77.260%
Target Compounds						
2) Dichlorodifluoromethane	1.900	85	10258	9.599	ug/l	Qvalue 94

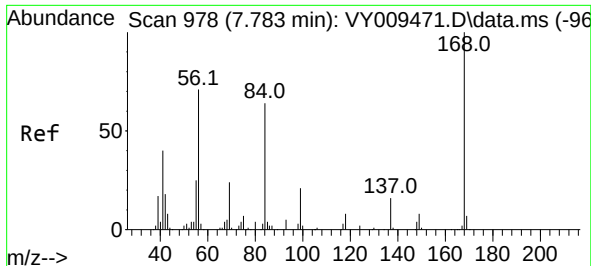
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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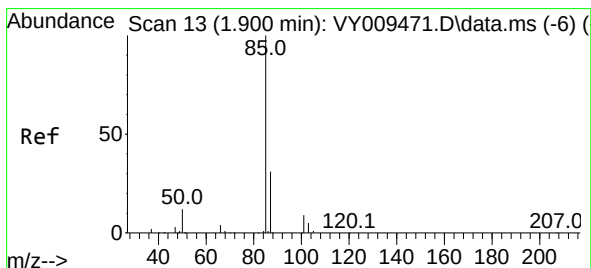
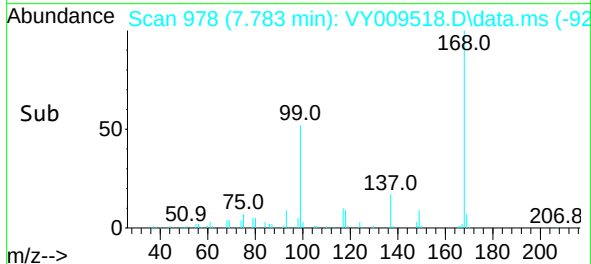
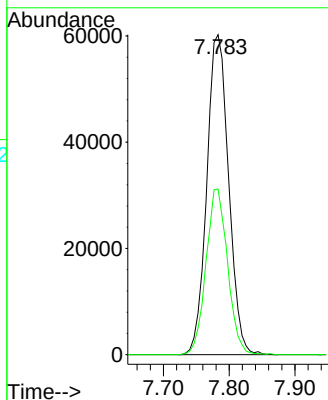
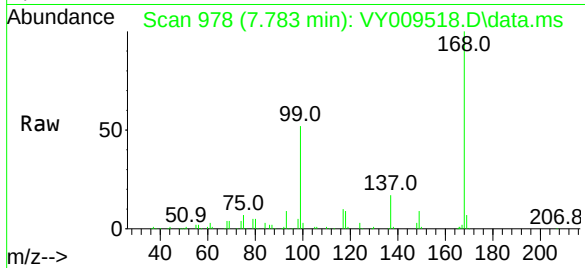




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009518.D
Acq: 11 Jul 2022 18:12

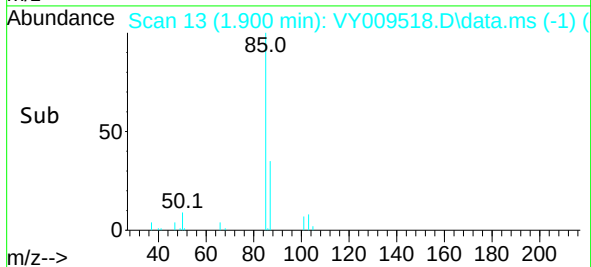
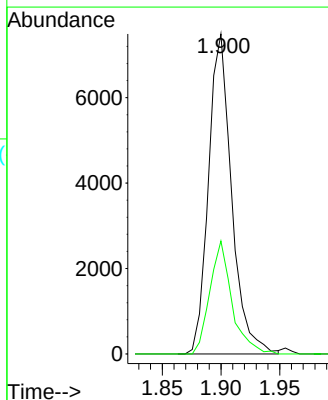
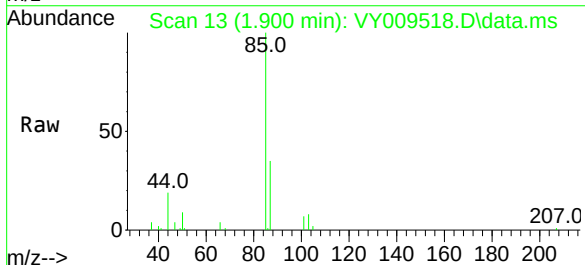
Instrument :
MSVOA_Y
ClientSampleId :
CMR-TP1-0708

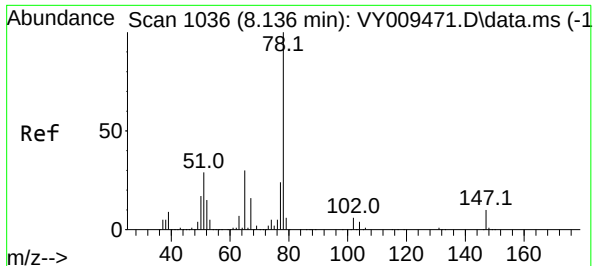
Tgt Ion:168 Resp: 139352
Ion Ratio Lower Upper
168 100
99 51.8 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 9.599 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009518.D
Acq: 11 Jul 2022 18:12

Tgt Ion: 85 Resp: 10258
Ion Ratio Lower Upper
85 100
87 35.3 16.1 48.2





#33

1,2-Dichloroethane-d4

Concen: 49.476 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY009518.D

Acq: 11 Jul 2022 18:12

Instrument :

MSVOA_Y

ClientSampleId :

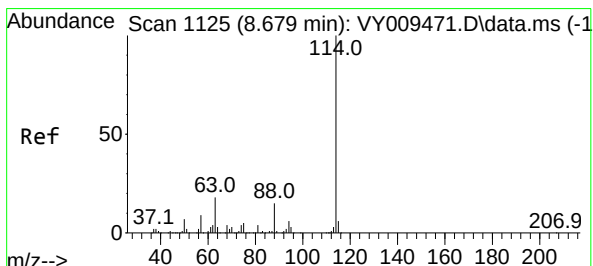
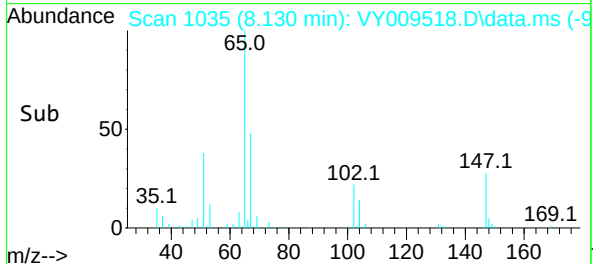
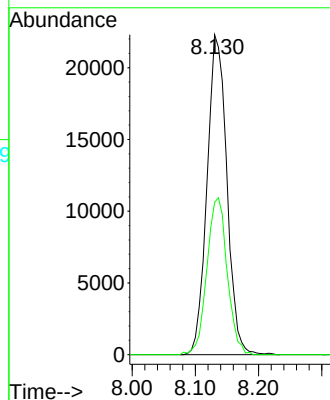
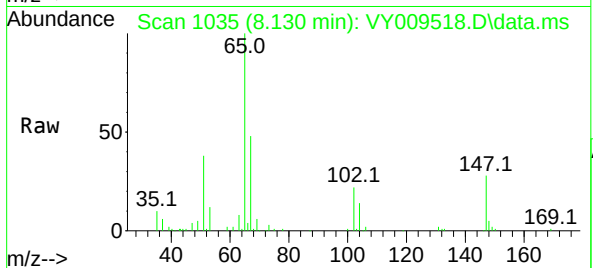
CMR-TP1-0708

Tgt Ion: 65 Resp: 48633

Ion Ratio Lower Upper

65 100

67 50.3 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY009518.D

Acq: 11 Jul 2022 18:12

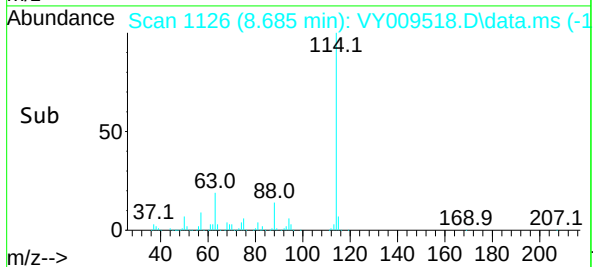
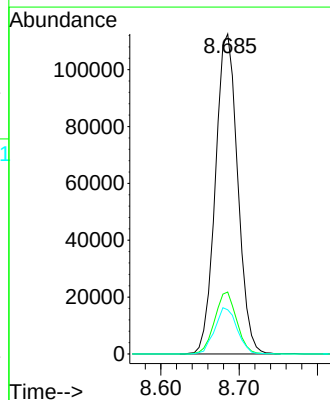
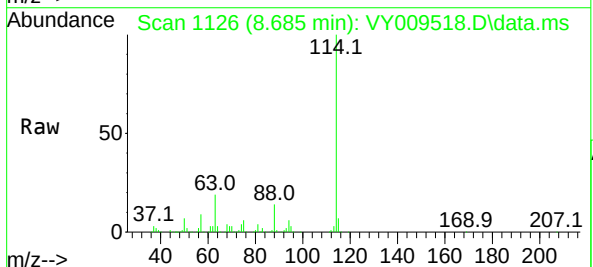
Tgt Ion: 114 Resp: 222480

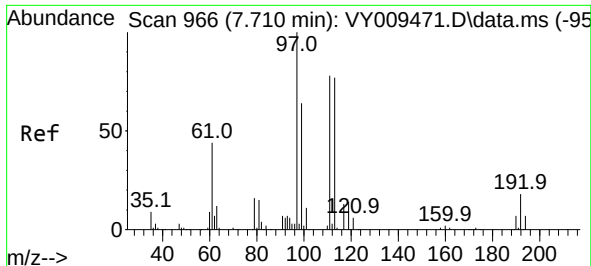
Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 13.8 0.0 31.8

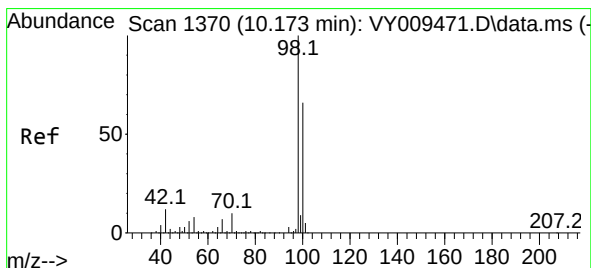
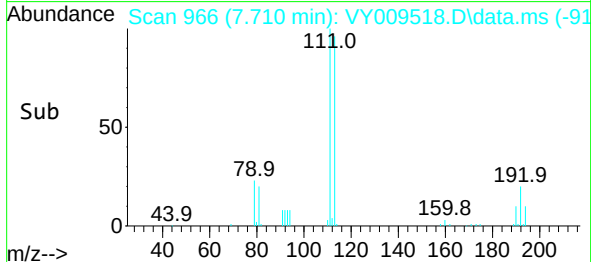
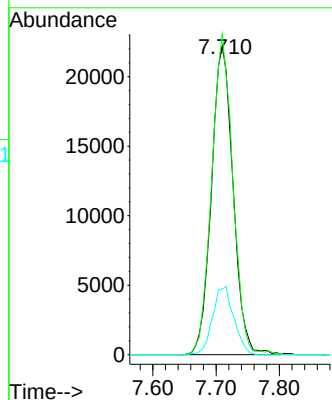
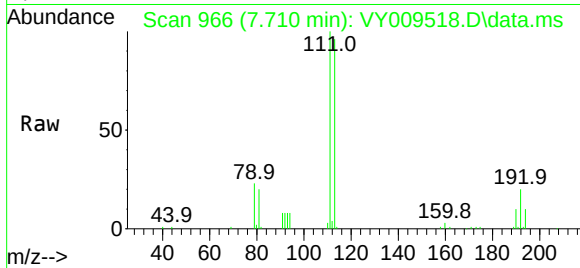




#35
 Dibromofluoromethane
 Concen: 45.117 ug/l
 RT: 7.710 min Scan# 966
 Delta R.T. -0.000 min
 Lab File: VY009518.D
 Acq: 11 Jul 2022 18:12

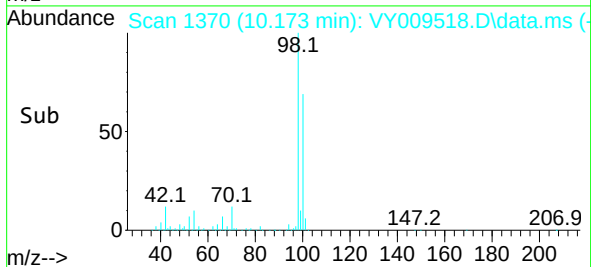
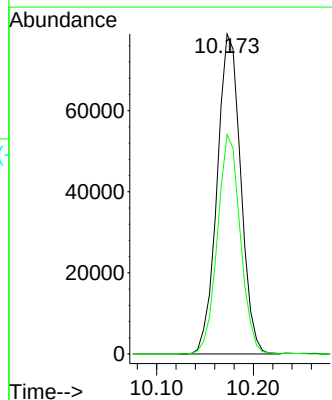
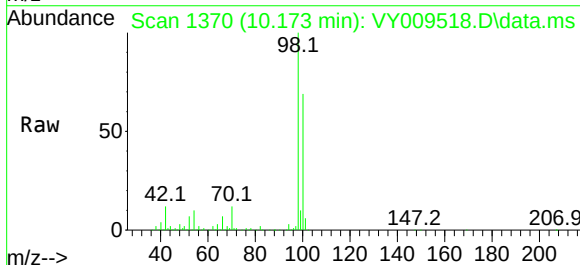
Instrument :
 MSVOA_Y
 ClientSampleId :
 CMR-TP1-0708

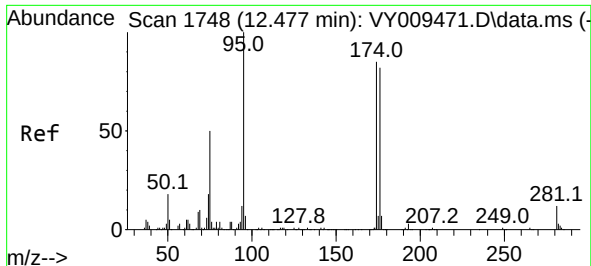
Tgt Ion:113 Resp: 52815
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.6 124.0
 192 21.6 17.6 26.4



#50
 Toluene-d8
 Concen: 40.013 ug/l
 RT: 10.173 min Scan# 1370
 Delta R.T. -0.000 min
 Lab File: VY009518.D
 Acq: 11 Jul 2022 18:12

Tgt Ion: 98 Resp: 133630
 Ion Ratio Lower Upper
 98 100
 100 66.6 50.2 75.2

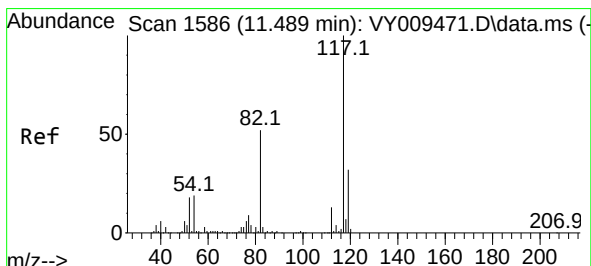
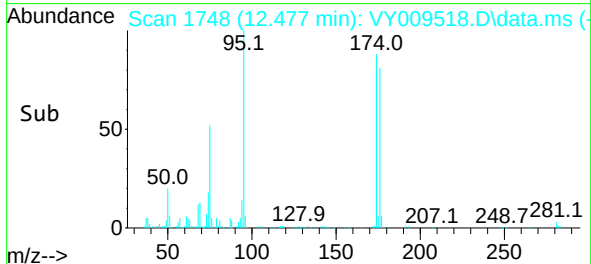
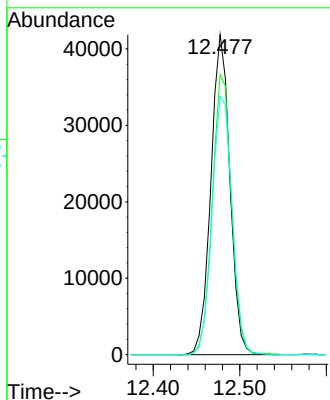
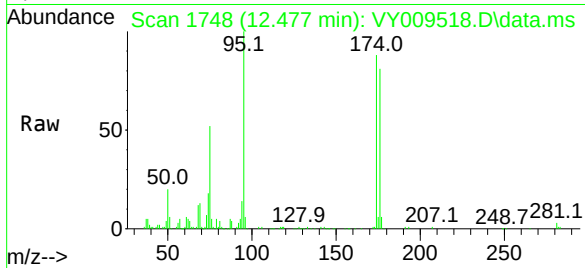




#62
4-Bromofluorobenzene
Concen: 38.627 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009518.D
Acq: 11 Jul 2022 18:12

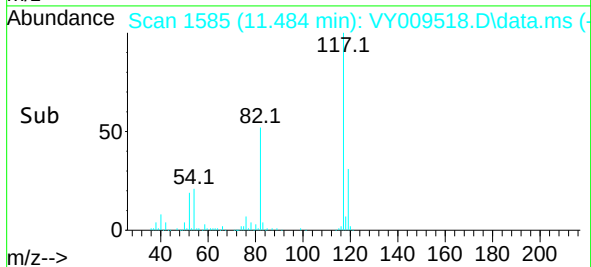
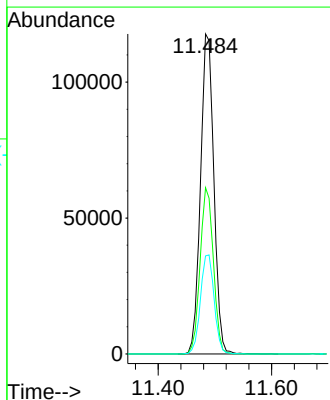
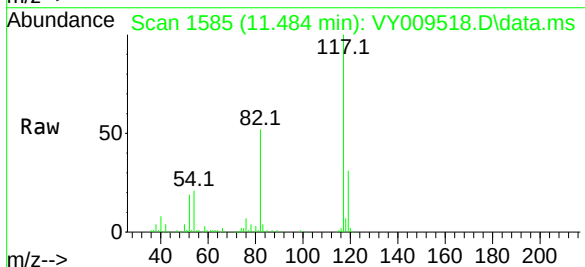
Instrument :
MSVOA_Y
ClientSampleId :
CMR-TP1-0708

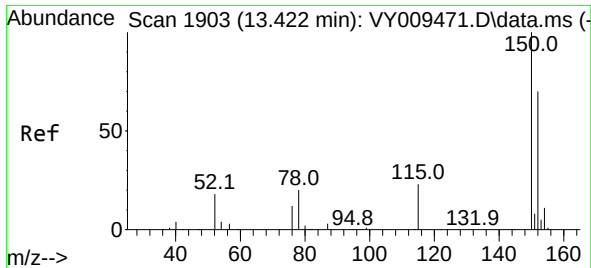
Tgt Ion: 95 Resp: 63828
Ion Ratio Lower Upper
95 100
174 88.9 0.0 177.0
176 85.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.484 min Scan# 1585
Delta R.T. -0.005 min
Lab File: VY009518.D
Acq: 11 Jul 2022 18:12

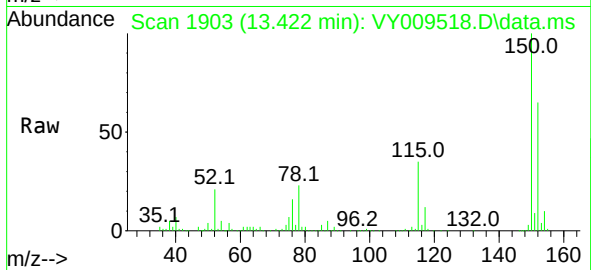
Tgt Ion: 117 Resp: 192609
Ion Ratio Lower Upper
117 100
82 52.0 43.0 64.4
119 30.7 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY009518.D
 Acq: 11 Jul 2022 18:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 CMR-TP1-0708



Tgt Ion:152 Resp: 83957
 Ion Ratio Lower Upper
 152 100
 115 54.8 28.2 84.7
 150 156.2 0.0 347.6

