

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072122\
 Data File : VY009629.D
 Acq On : 21 Jul 2022 13:27
 Operator : KP/MD
 Sample : N3816-01
 Misc : 4.97g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-072022

Quant Time: Jul 22 02:29:35 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)

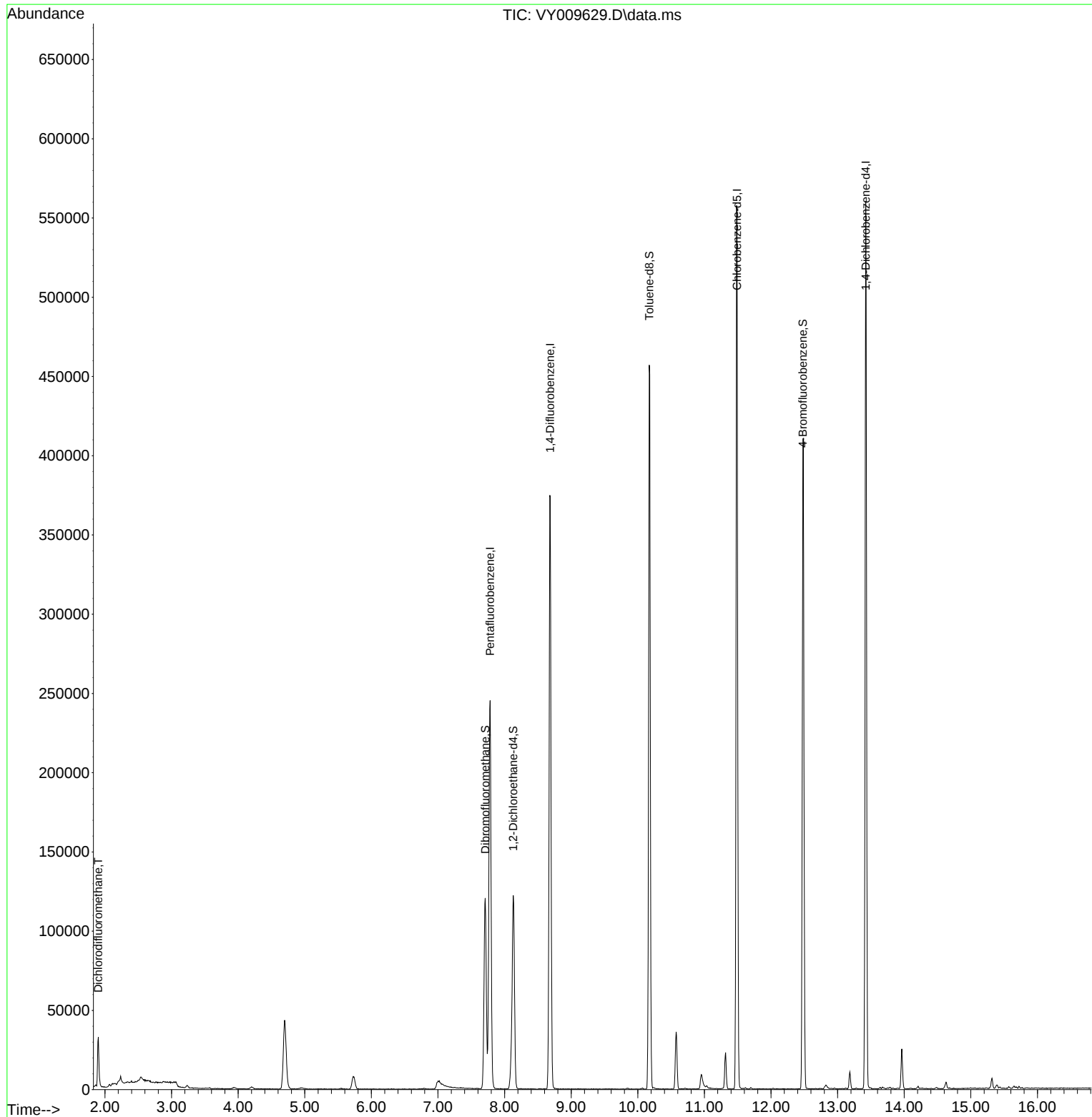
Internal Standards						
1) Pentafluorobenzene	7.783	168	206769	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	338902	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	322768	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	151128	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	88648	45.332	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.660%
35) Dibromofluoromethane	7.710	113	87352	40.913	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.820%
50) Toluene-d8	10.173	98	309800	37.744	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	75.480%#
62) 4-Bromofluorobenzene	12.477	95	100339	37.727	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	75.460%
Target Compounds						
2) Dichlorodifluoromethane	1.900	85	25220	13.900	ug/l	Qvalue 96

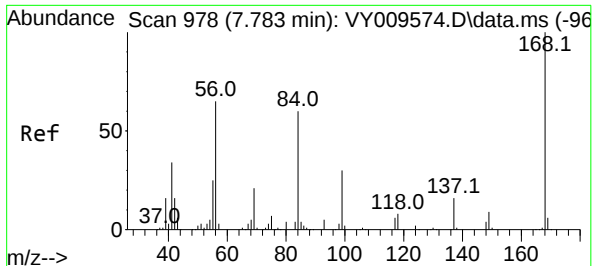
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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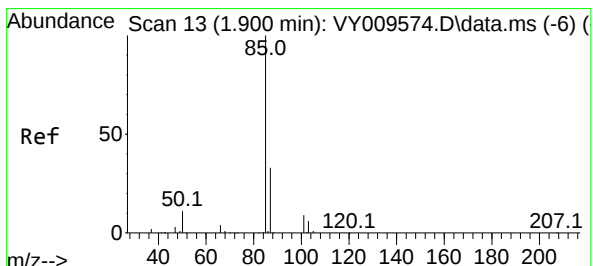
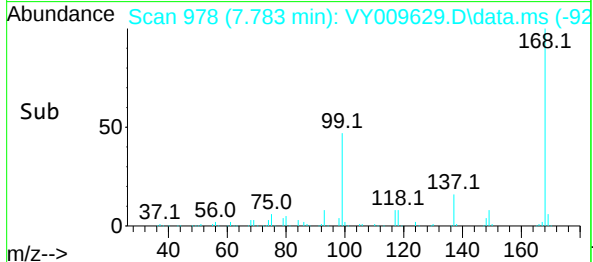
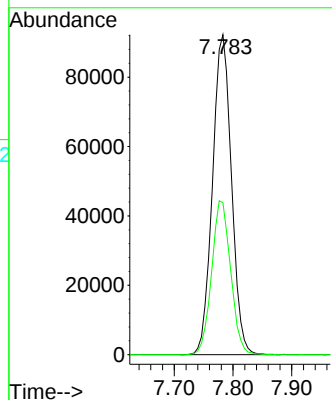
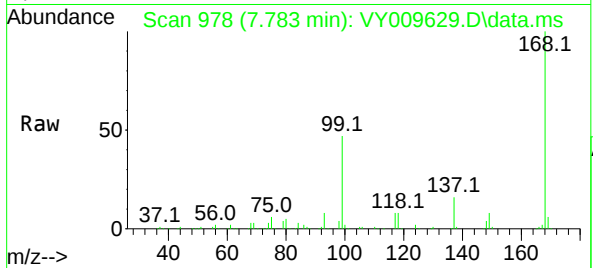




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009629.D
Acq: 21 Jul 2022 13:27

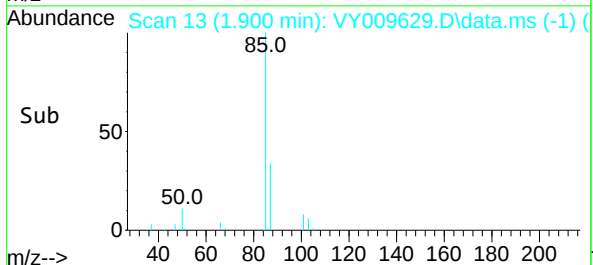
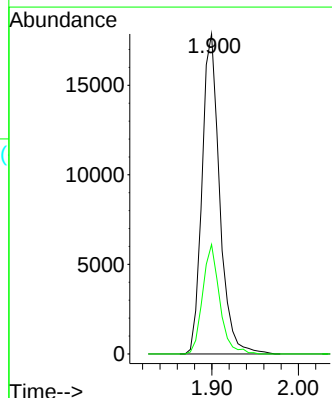
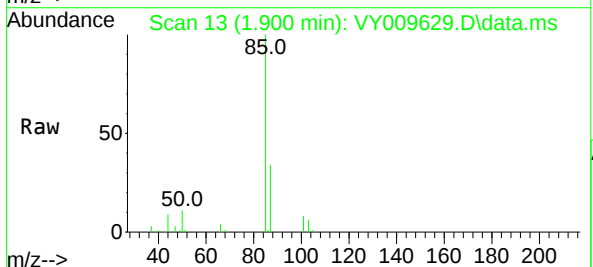
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-072022

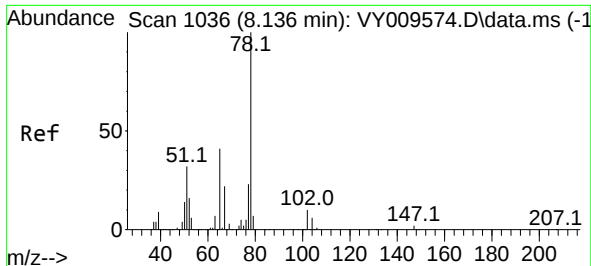
Tgt Ion:168 Resp: 206769
Ion Ratio Lower Upper
168 100
99 47.5 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 13.900 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009629.D
Acq: 21 Jul 2022 13:27

Tgt Ion: 85 Resp: 25220
Ion Ratio Lower Upper
85 100
87 34.2 16.1 48.2





#33

1,2-Dichloroethane-d4

Concen: 45.332 ug/l

RT: 8.130 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VY009629.D

Acq: 21 Jul 2022 13:27

Instrument :

MSVOA_Y

ClientSampleId :

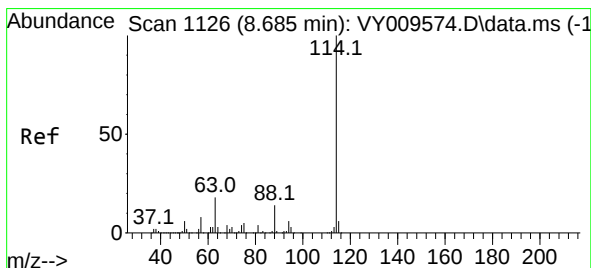
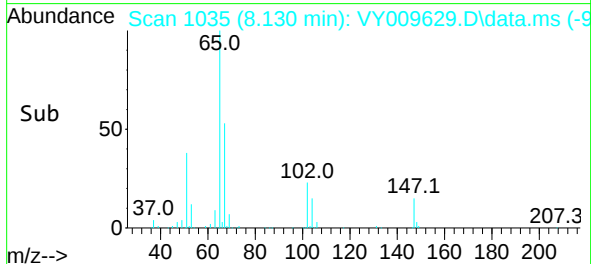
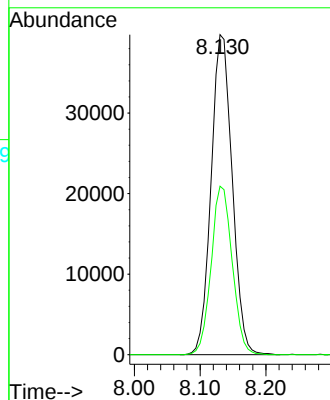
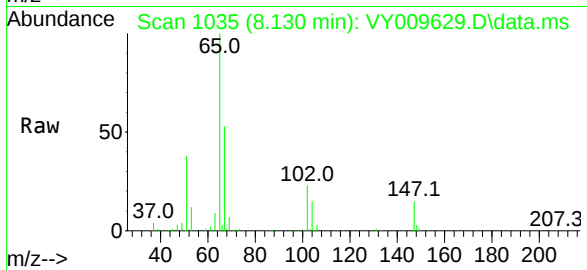
TR-05-072022

Tgt Ion: 65 Resp: 88648

Ion Ratio Lower Upper

65 100

67 52.5 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: VY009629.D

Acq: 21 Jul 2022 13:27

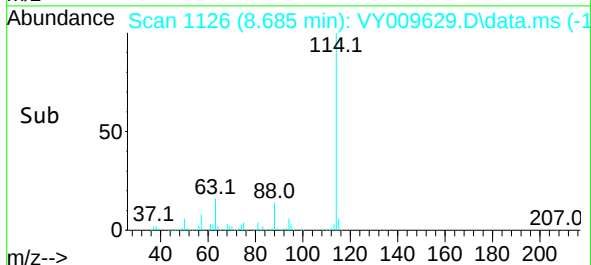
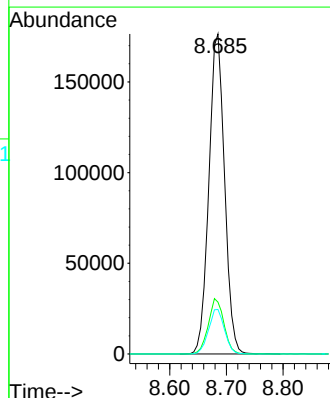
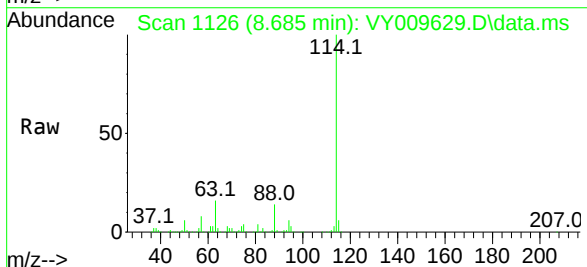
Tgt Ion: 114 Resp: 338902

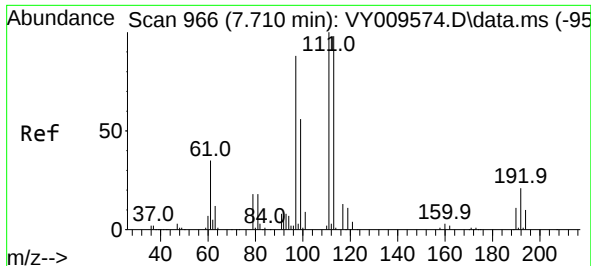
Ion Ratio Lower Upper

114 100

63 16.2 0.0 43.2

88 13.9 0.0 31.8

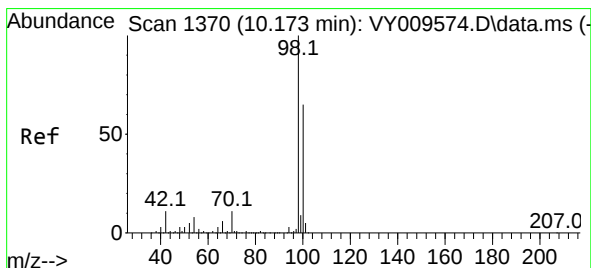
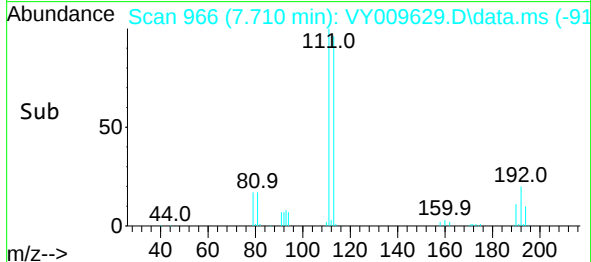
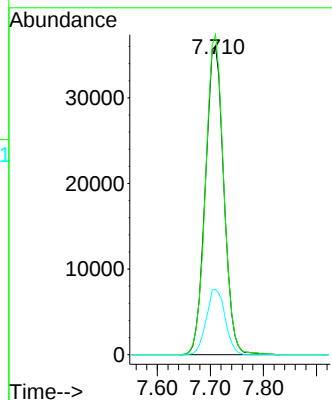
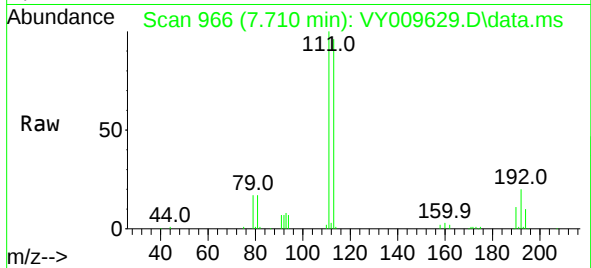




#35
Dibromofluoromethane
Concen: 40.913 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY009629.D
Acq: 21 Jul 2022 13:27

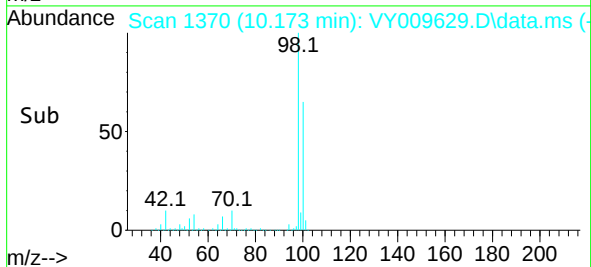
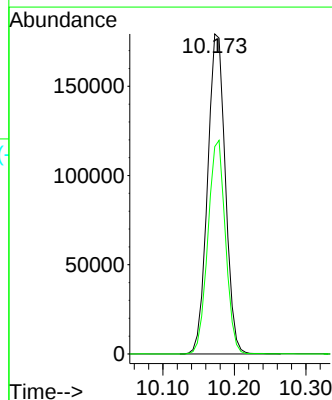
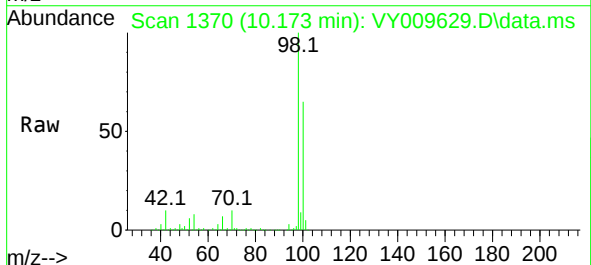
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-072022

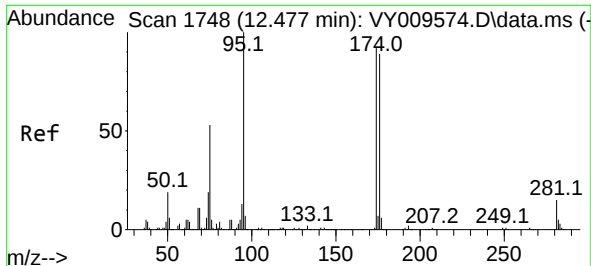
Tgt Ion:113 Resp: 87352
Ion Ratio Lower Upper
113 100
111 101.3 82.6 124.0
192 21.7 17.6 26.4



#50
Toluene-d8
Concen: 37.744 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009629.D
Acq: 21 Jul 2022 13:27

Tgt Ion: 98 Resp: 309800
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2

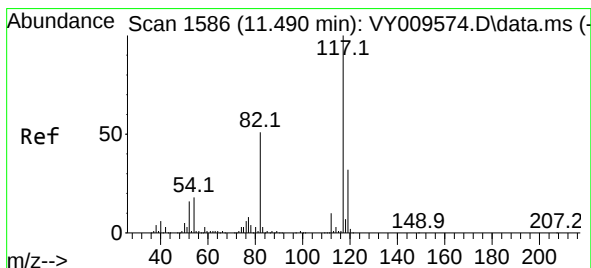
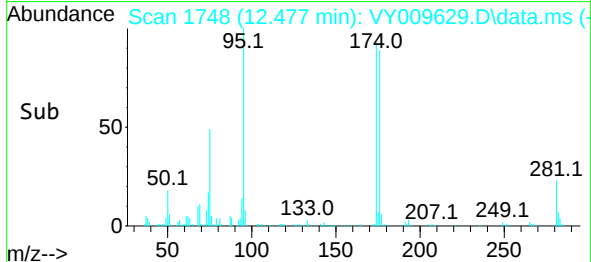
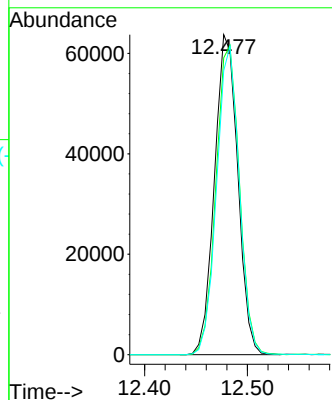
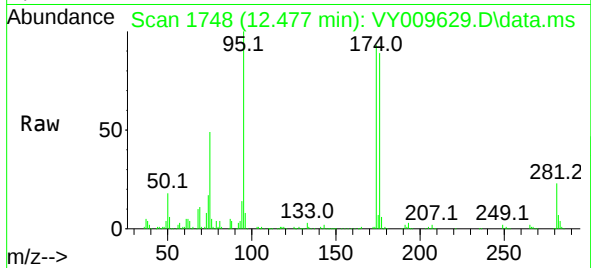




#62
4-Bromofluorobenzene
Concen: 37.727 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009629.D
Acq: 21 Jul 2022 13:27

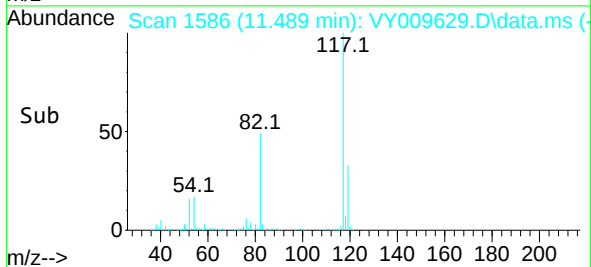
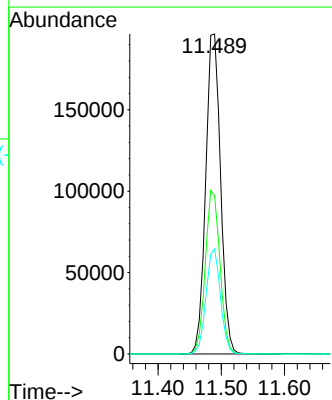
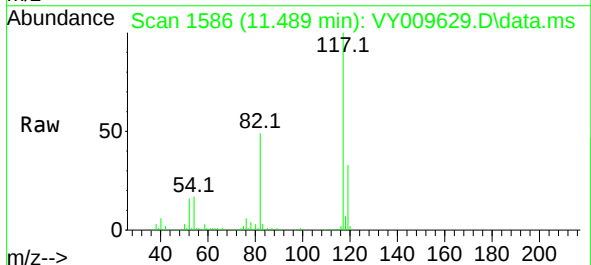
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-072022

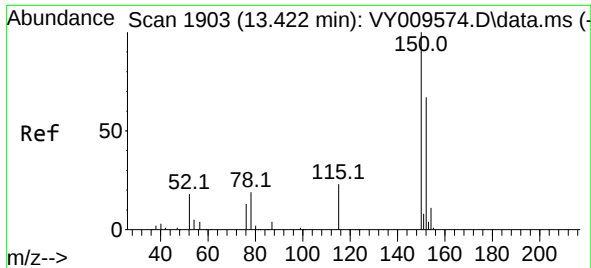
Tgt Ion: 95 Resp: 100339
Ion Ratio Lower Upper
95 100
174 97.0 0.0 177.0
176 93.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009629.D
Acq: 21 Jul 2022 13:27

Tgt Ion: 117 Resp: 322768
Ion Ratio Lower Upper
117 100
82 49.4 43.0 64.4
119 32.8 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: VY009629.D

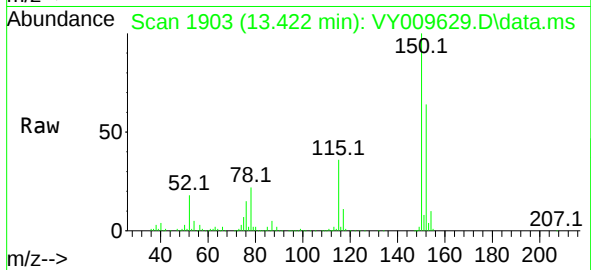
Acq: 21 Jul 2022 13:27

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-072022



Tgt Ion:152 Resp: 151128

Ion Ratio Lower Upper

152 100

115 54.8 28.2 84.7

150 156.8 0.0 347.6

