

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071322\
 Data File : VY009554.D
 Acq On : 13 Jul 2022 13:21
 Operator : KP/MD
 Sample : N3597-04RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220509-COMPOSITE-DRE

Quant Time: Jul 14 02:43:59 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)

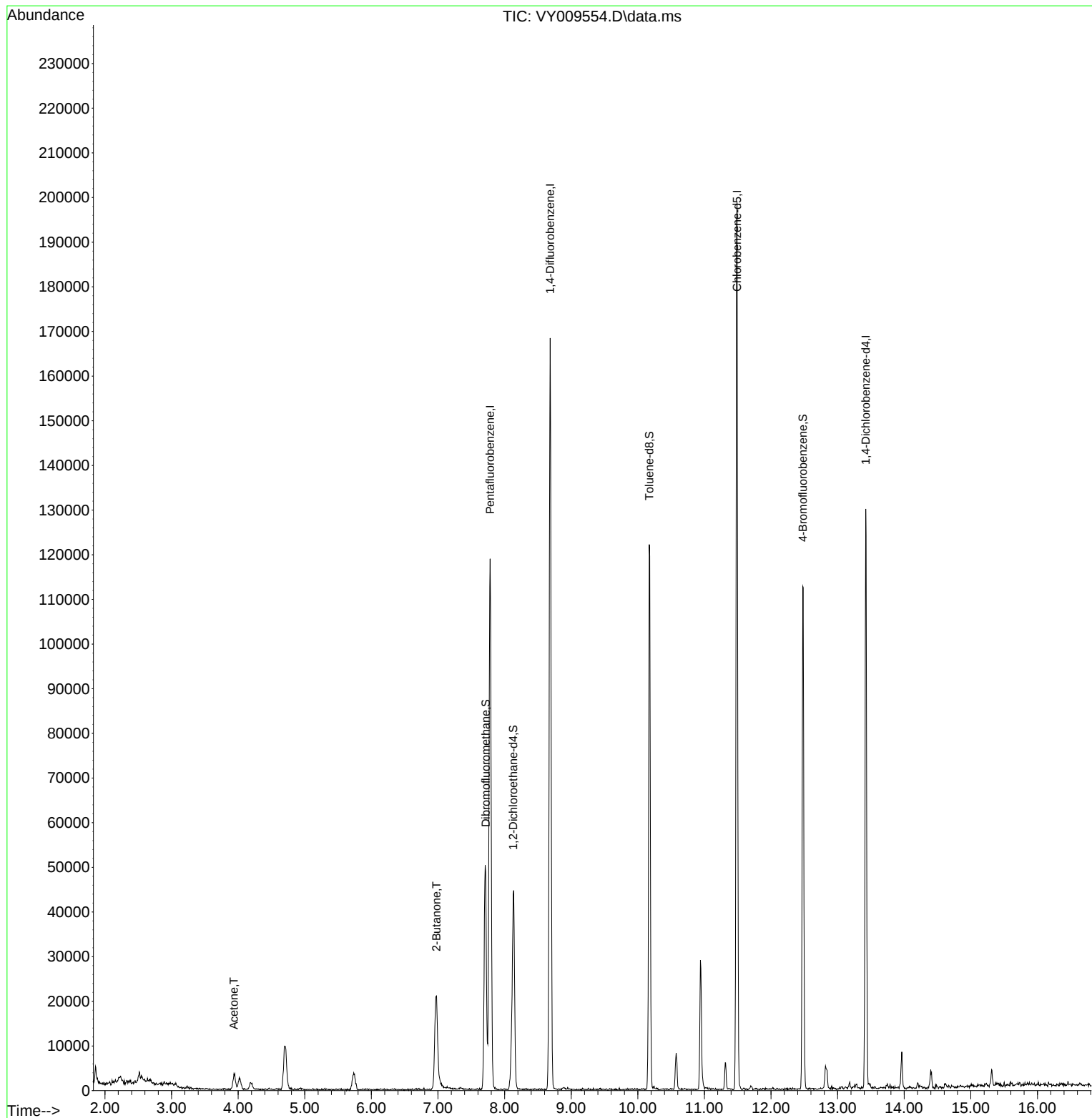
Internal Standards						
1) Pentafluorobenzene	7.783	168	97395	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	148729	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	112515	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	34993	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	30982	44.438	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.880%
35) Dibromofluoromethane	7.716	113	35311	45.122	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.240%
50) Toluene-d8	10.173	98	80286	34.979	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	69.960%#
62) 4-Bromofluorobenzene	12.477	95	30738	27.826	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	55.660%
Target Compounds						
16) Acetone	3.936	43	5824	24.581	ug/l	95
25) 2-Butanone	6.978	43	2589	6.755	ug/l #	89

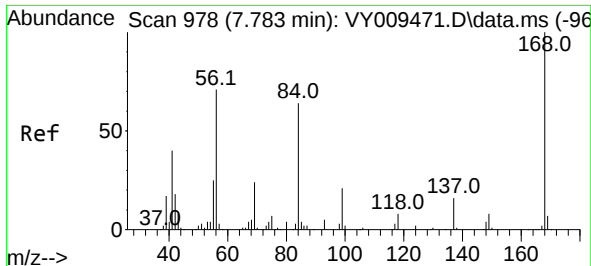
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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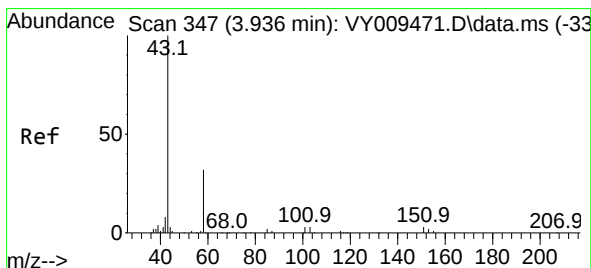
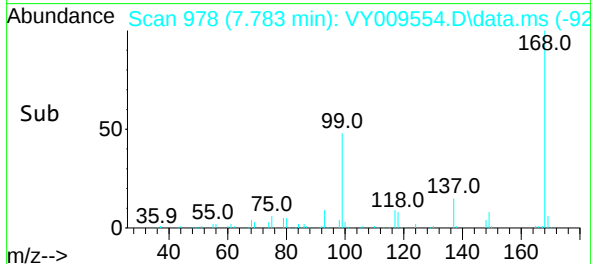
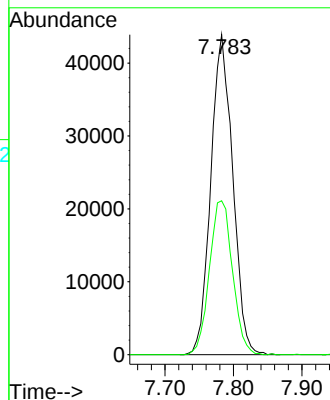
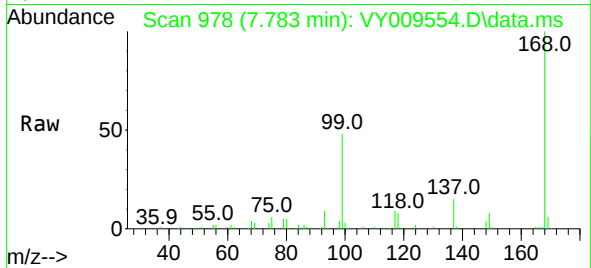




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009554.D
Acq: 13 Jul 2022 13:21

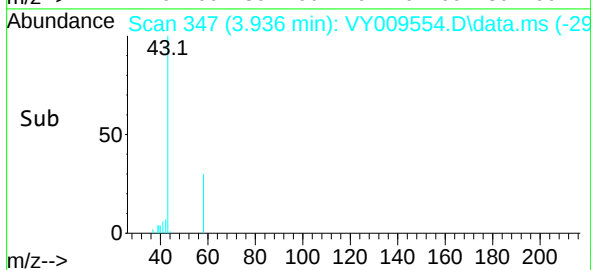
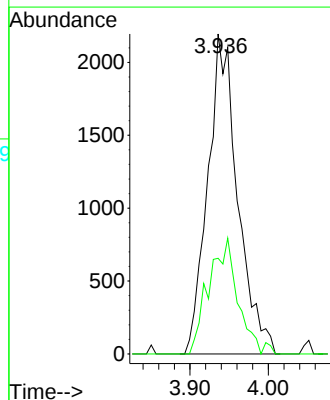
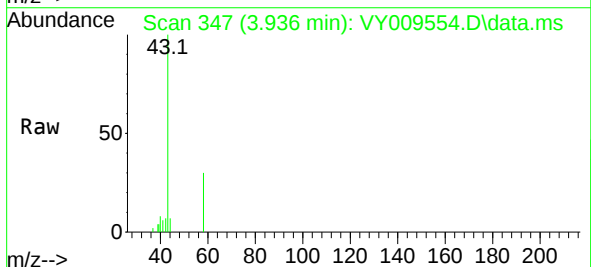
Instrument :
MSVOA_Y
ClientSampleId :
20220509-COMPOSITE-DRE

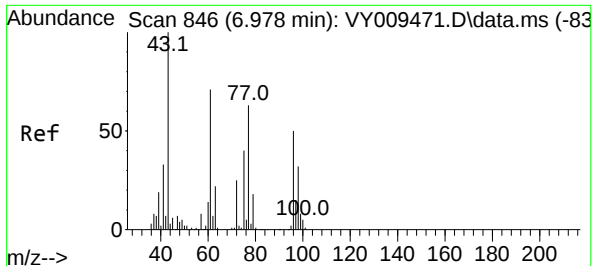
Tgt Ion:168 Resp: 97395
Ion Ratio Lower Upper
168 100
99 48.1 46.9 70.3



#16
Acetone
Concen: 24.581 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009554.D
Acq: 13 Jul 2022 13:21

Tgt Ion: 43 Resp: 5824
Ion Ratio Lower Upper
43 100
58 29.9 22.0 33.0





#25

2-Butanone

Concen: 6.755 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY009554.D

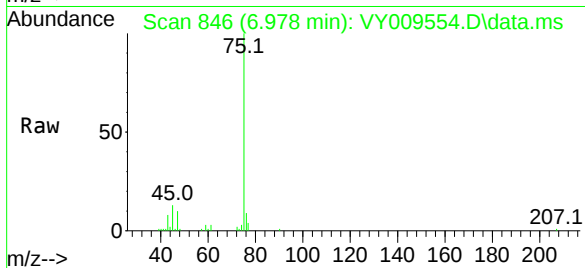
Acq: 13 Jul 2022 13:21

Instrument :

MSVOA_Y

ClientSampleId :

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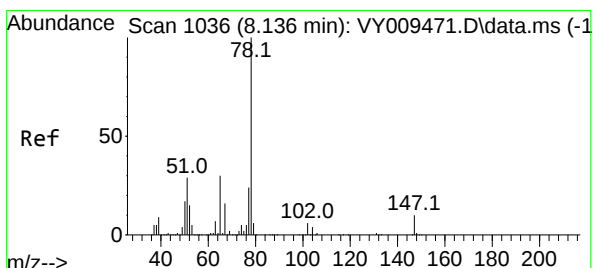
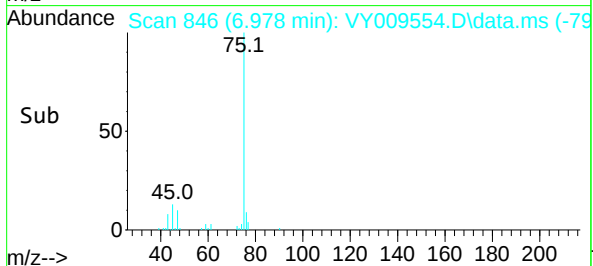
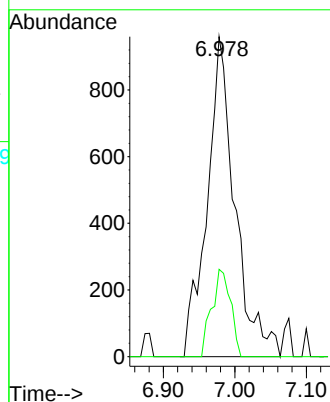


Tgt Ion: 43 Resp: 2589

Ion Ratio Lower Upper

43 100

72 27.3 17.7 26.5#



#33

1,2-Dichloroethane-d4

Concen: 44.438 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. -0.006 min

Lab File: VY009554.D

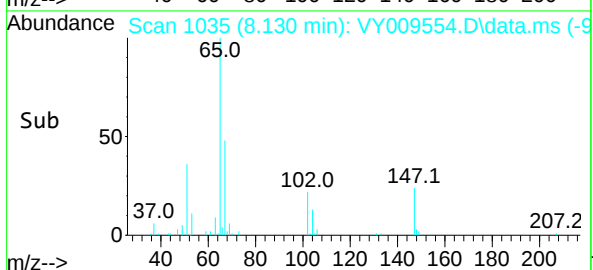
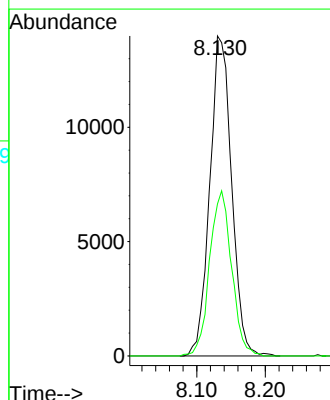
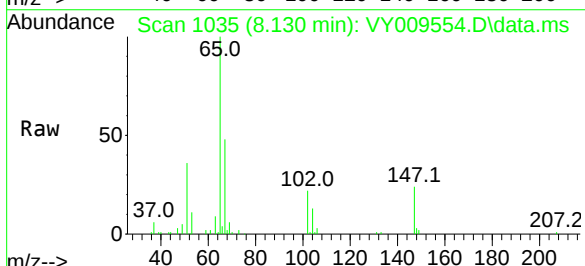
Acq: 13 Jul 2022 13:21

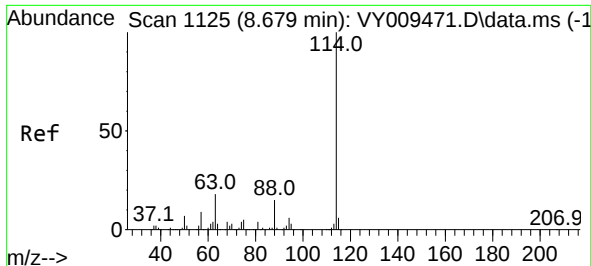
Tgt Ion: 65 Resp: 30982

Ion Ratio Lower Upper

65 100

67 52.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VY009554.D

Acq: 13 Jul 2022 13:21

Instrument :

MSVOA_Y

ClientSampleId :

20220509-COMPOSITE-DRE

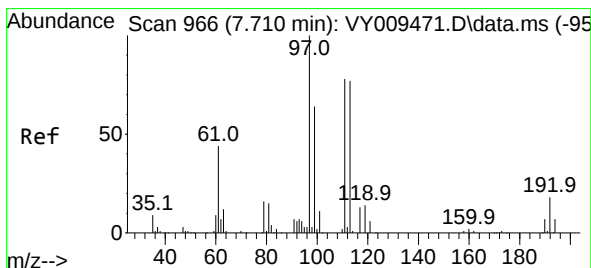
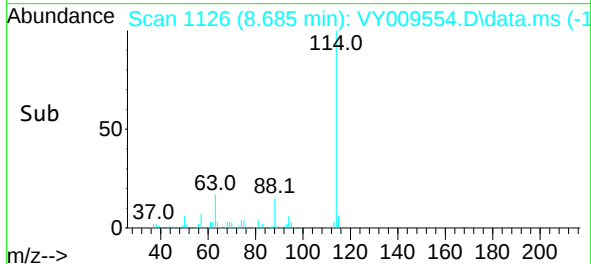
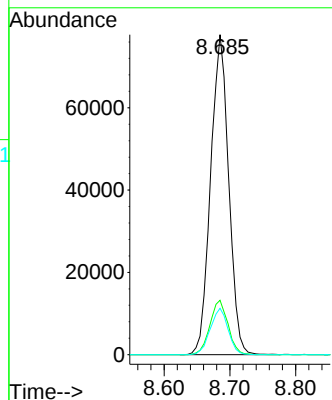
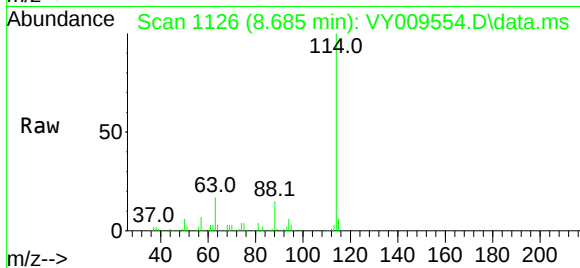
Tgt Ion:114 Resp: 148729

Ion Ratio Lower Upper

114 100

63 17.0 0.0 43.2

88 14.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 45.122 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY009554.D

Acq: 13 Jul 2022 13:21

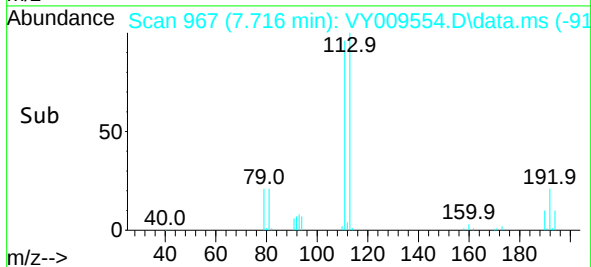
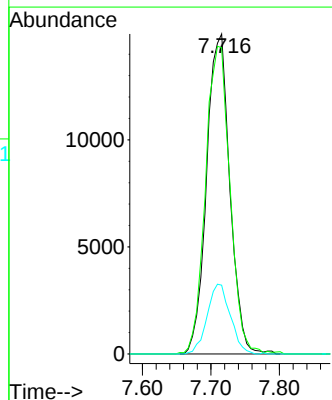
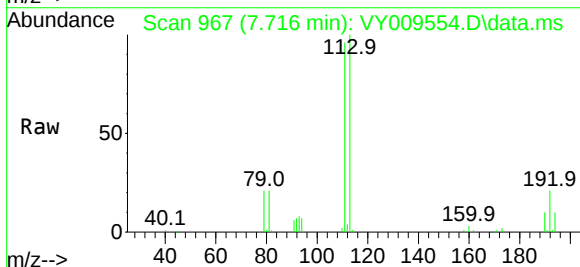
Tgt Ion:113 Resp: 35311

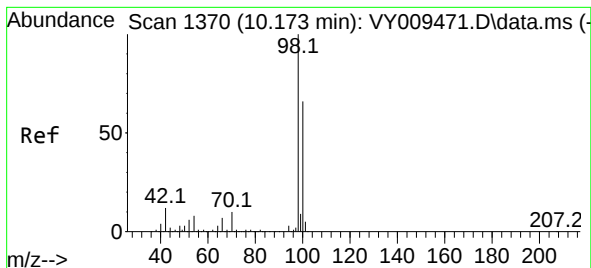
Ion Ratio Lower Upper

113 100

111 101.2 82.6 124.0

192 21.7 17.6 26.4

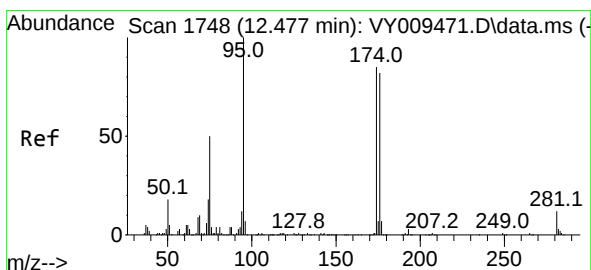
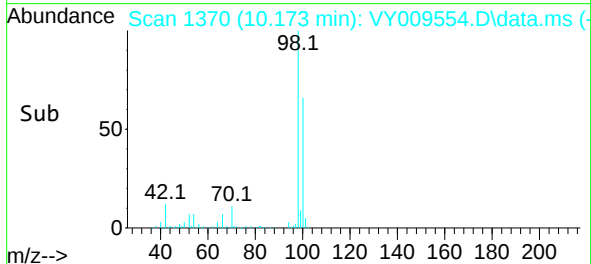
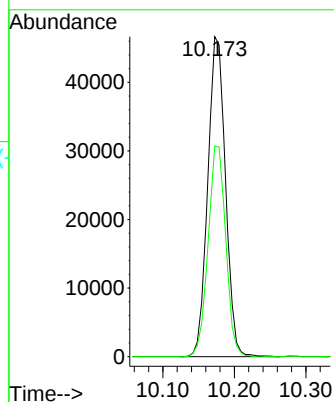
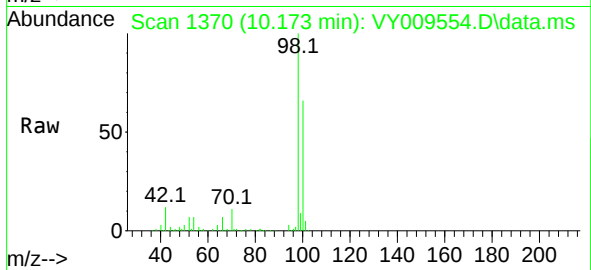




#50
Toluene-d8
Concen: 34.979 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009554.D
Acq: 13 Jul 2022 13:21

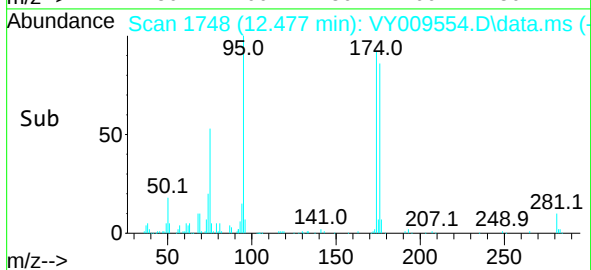
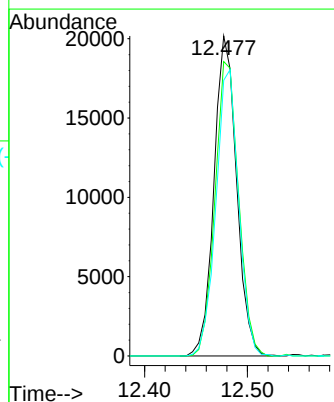
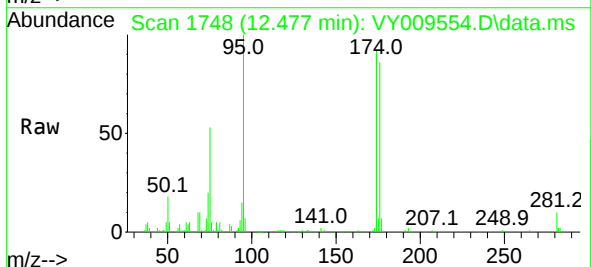
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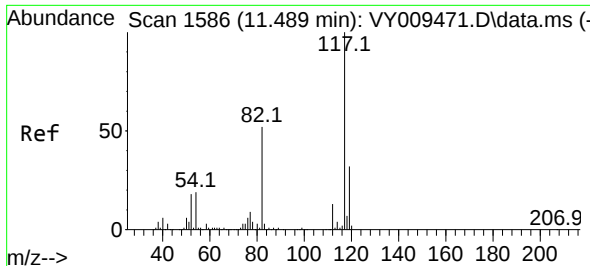
Tgt Ion: 98 Resp: 80286
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 27.826 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009554.D
Acq: 13 Jul 2022 13:21

Tgt Ion: 95 Resp: 30738
Ion Ratio Lower Upper
95 100
174 95.7 0.0 177.0
176 89.9 0.0 175.8

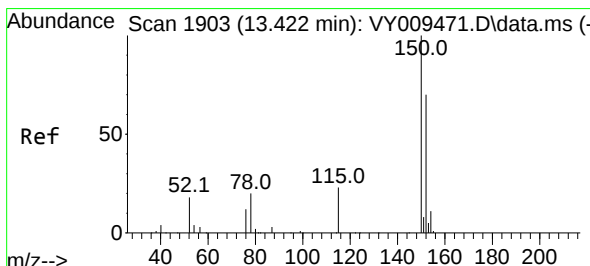
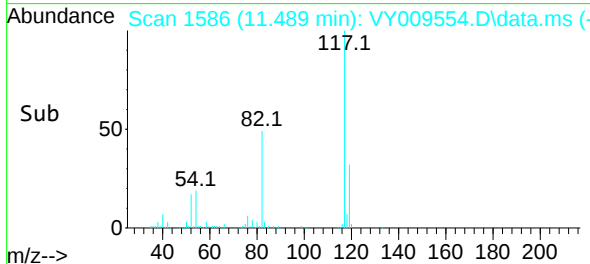
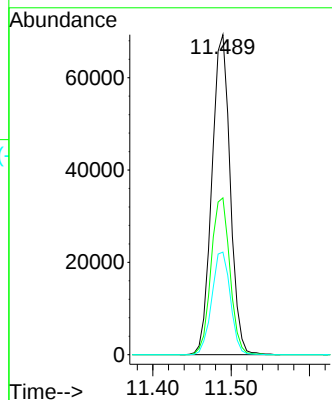
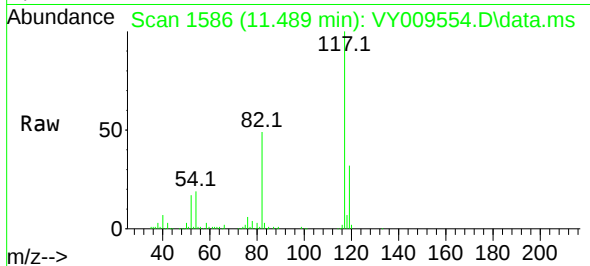




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009554.D
Acq: 13 Jul 2022 13:21

Instrument :
MSVOA_Y
ClientSampleId :
20220509-COMPOSITE-DRE

Tgt Ion:117 Resp: 112515
Ion Ratio Lower Upper
117 100
82 49.0 43.0 64.4
119 32.0 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: VY009554.D
Acq: 13 Jul 2022 13:21

Tgt Ion:152 Resp: 34993
Ion Ratio Lower Upper
152 100
115 54.5 28.2 84.7
150 155.1 0.0 347.6

