

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071322\
 Data File : VY009552.D
 Acq On : 13 Jul 2022 12:11
 Operator : KP/MD
 Sample : N3597-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220506-COMPOSITE-A

Quant Time: Jul 14 02:43:40 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)

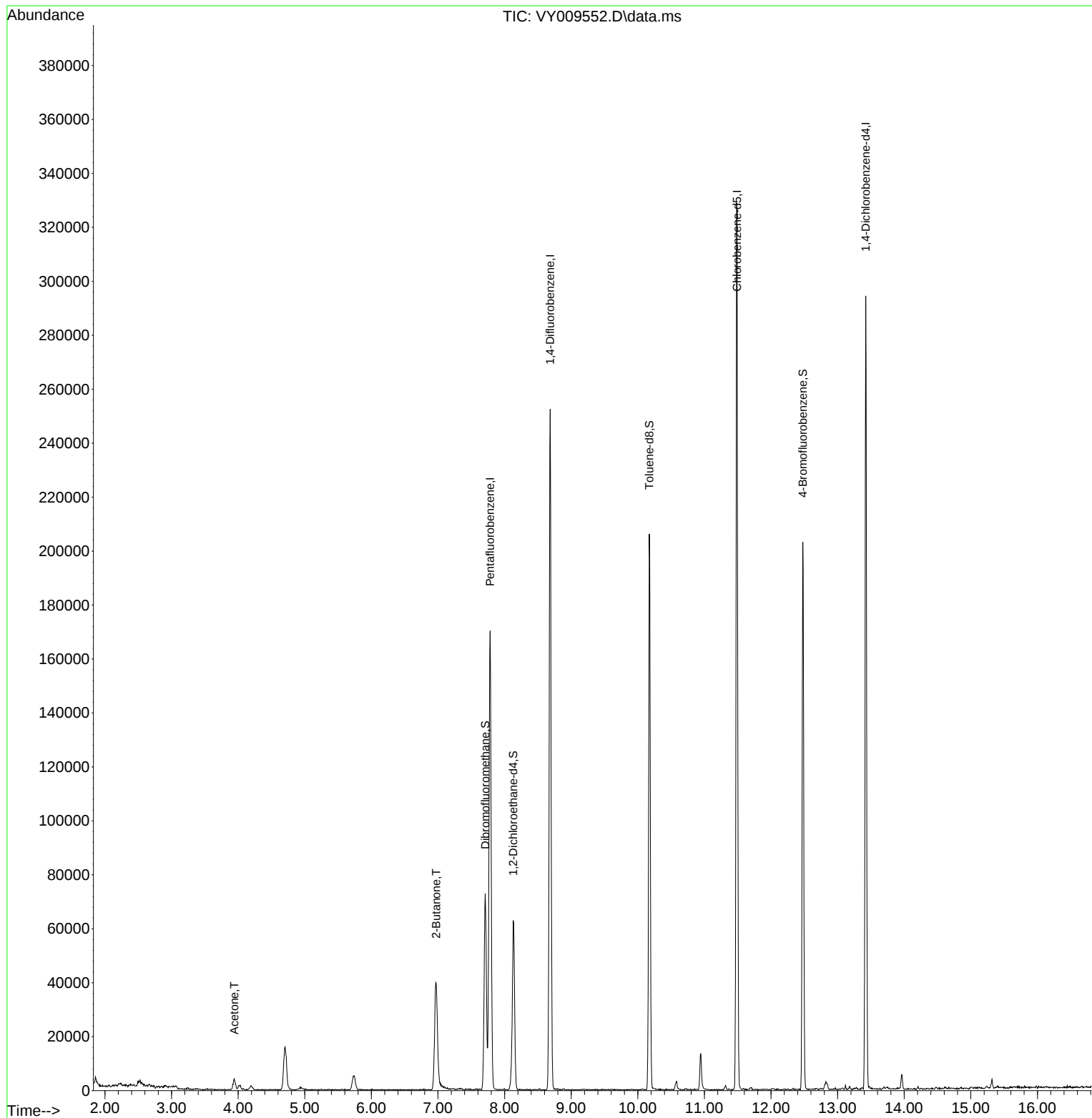
Internal Standards						
1) Pentafluorobenzene	7.783	168	137134	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	211645	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	177199	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	73034	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	46424	47.769	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.540%
35) Dibromofluoromethane	7.710	113	50736	45.560	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.120%
50) Toluene-d8	10.173	98	129663	41.006	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	82.020%
62) 4-Bromofluorobenzene	12.477	95	57362	36.491	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	72.980%
Target Compounds						
16) Acetone	3.942	43	6775	20.309	ug/l	97
25) 2-Butanone	6.972	43	3383	6.269	ug/l #	87

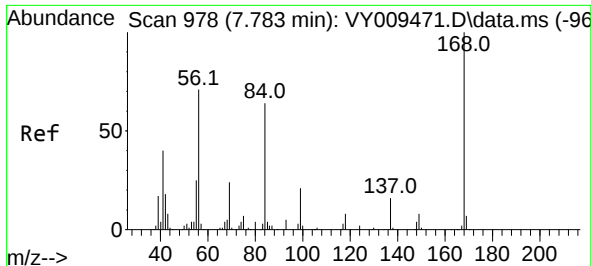
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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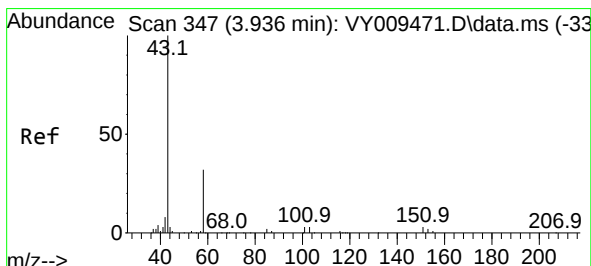
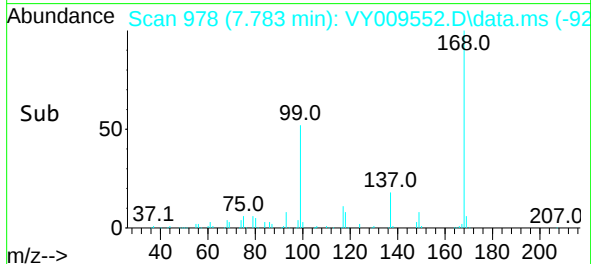
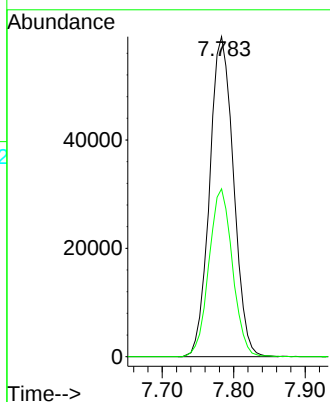
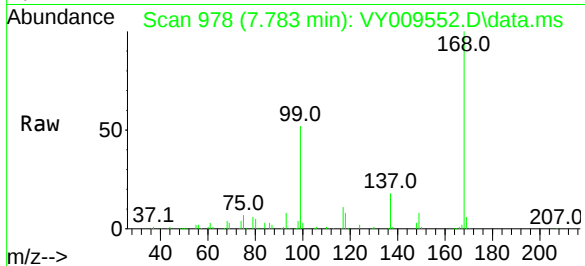




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009552.D
Acq: 13 Jul 2022 12:11

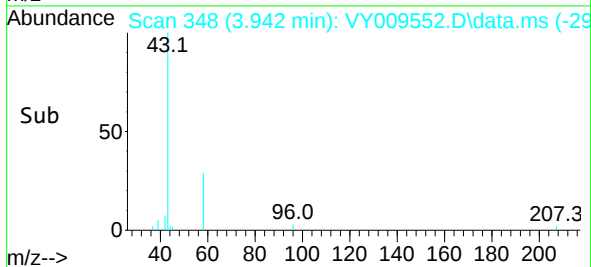
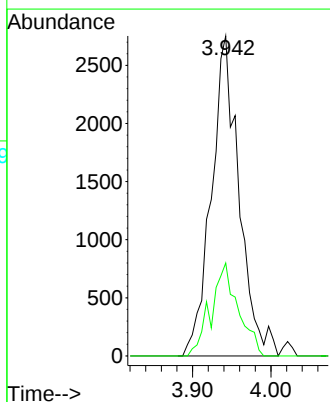
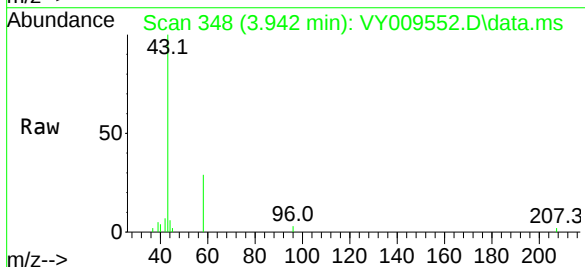
Instrument :
MSVOA_Y
ClientSampleId :
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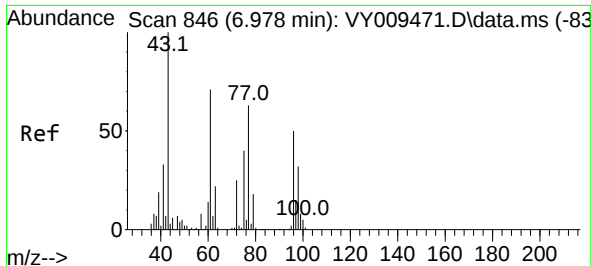
Tgt Ion:168 Resp: 137134
Ion Ratio Lower Upper
168 100
99 52.5 46.9 70.3



#16
Acetone
Concen: 20.309 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009552.D
Acq: 13 Jul 2022 12:11

Tgt Ion: 43 Resp: 6775
Ion Ratio Lower Upper
43 100
58 29.0 22.0 33.0

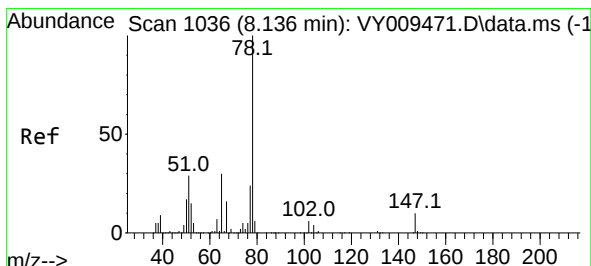
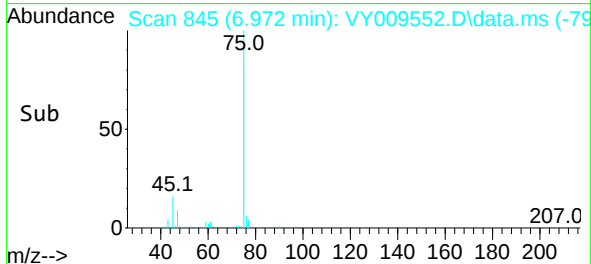
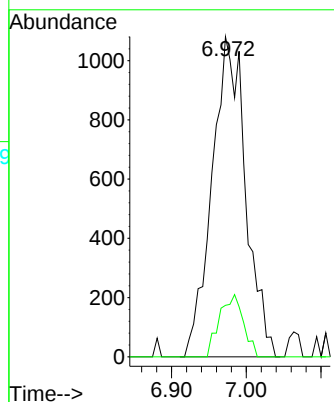
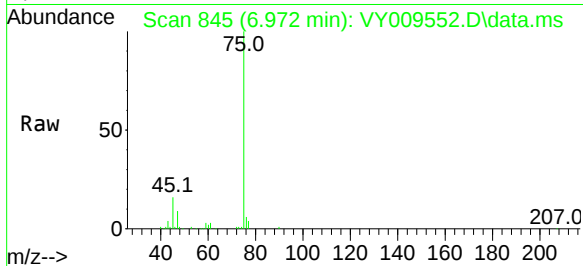




#25
2-Butanone
Concen: 6.269 ug/l
RT: 6.972 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY009552.D
Acq: 13 Jul 2022 12:11

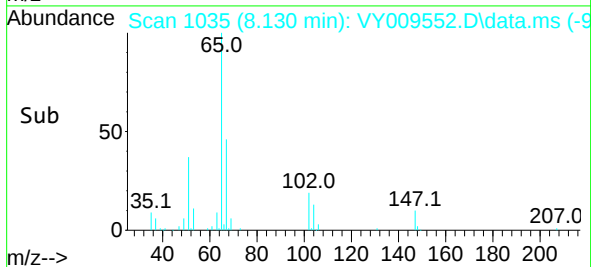
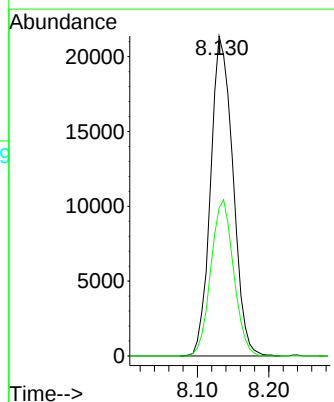
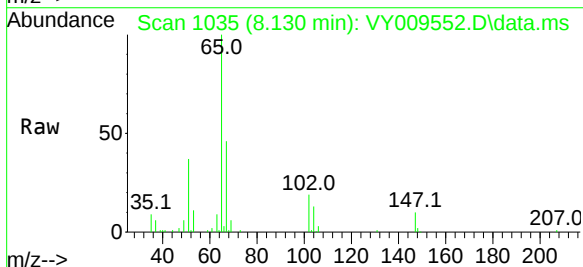
Instrument :
MSVOA_Y
ClientSampleId :
20220506-COMPOSITE-A

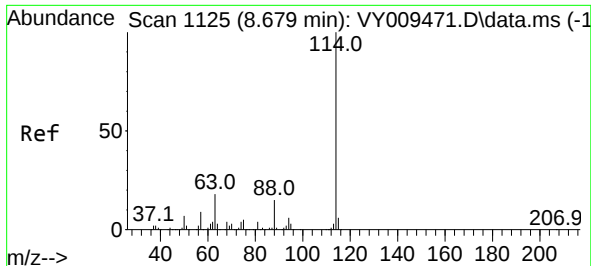
Tgt Ion: 43 Resp: 3383
Ion Ratio Lower Upper
43 100
72 16.1 17.7 26.5#



#33
1,2-Dichloroethane-d4
Concen: 47.769 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009552.D
Acq: 13 Jul 2022 12:11

Tgt Ion: 65 Resp: 46424
Ion Ratio Lower Upper
65 100
67 49.5 0.0 99.4

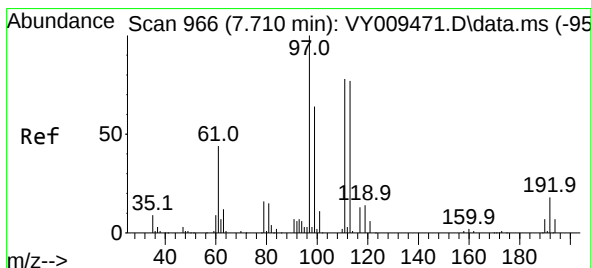
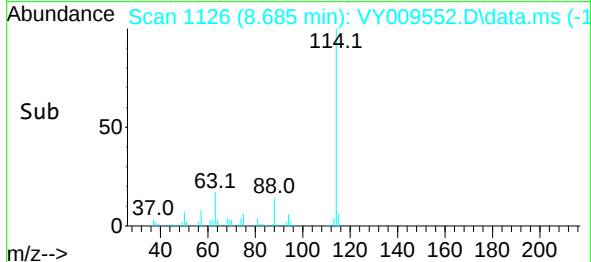
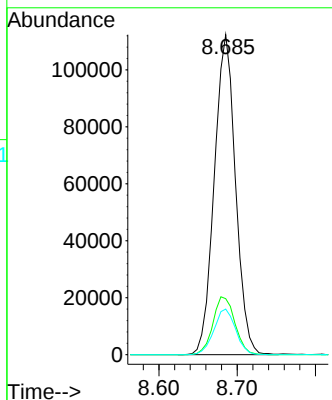
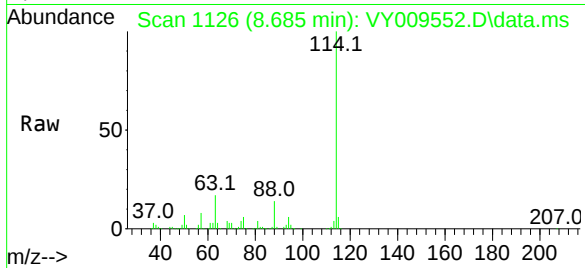




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1125
Delta R.T. 0.006 min
Lab File: VY009552.D
Acq: 13 Jul 2022 12:11

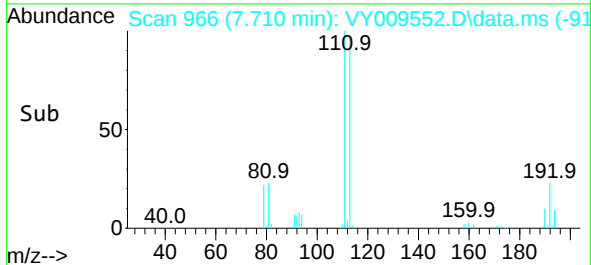
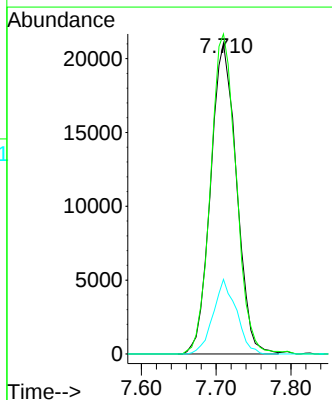
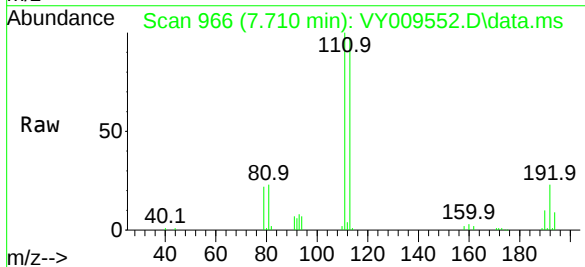
Instrument :
MSVOA_Y
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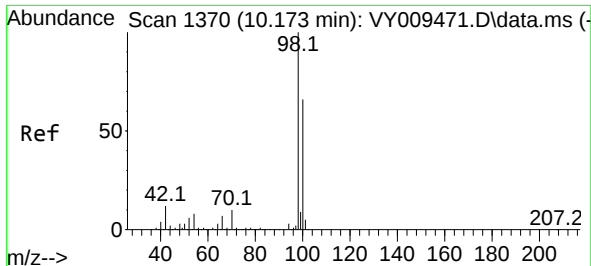
Tgt Ion:114 Resp: 211645
Ion Ratio Lower Upper
114 100
63 17.5 0.0 43.2
88 14.2 0.0 31.8



#35
Dibromofluoromethane
Concen: 45.560 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY009552.D
Acq: 13 Jul 2022 12:11

Tgt Ion:113 Resp: 50736
Ion Ratio Lower Upper
113 100
111 102.0 82.6 124.0
192 21.6 17.6 26.4

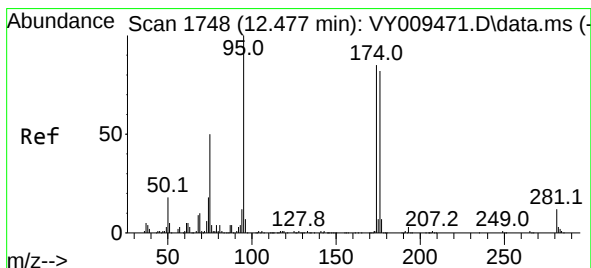
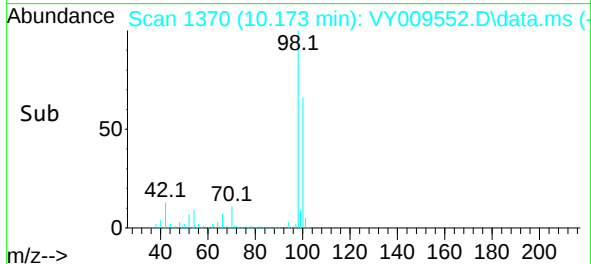
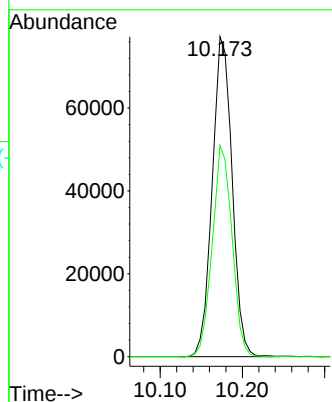
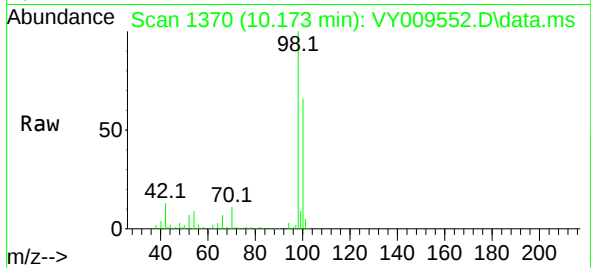




#50
Toluene-d8
Concen: 41.006 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009552.D
Acq: 13 Jul 2022 12:11

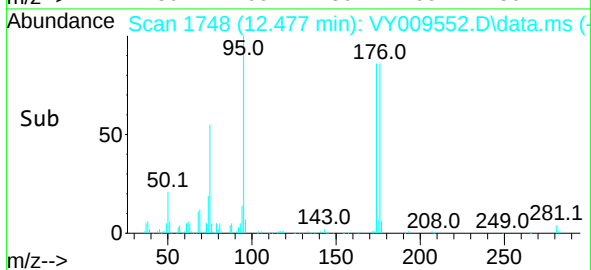
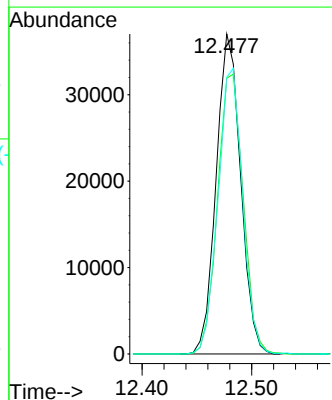
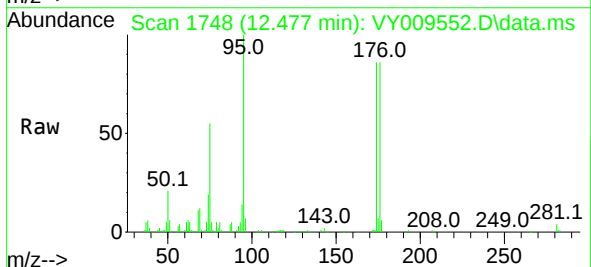
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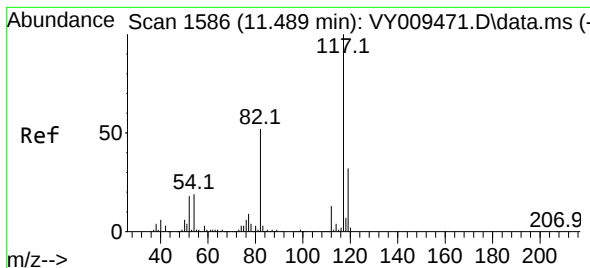
Tgt Ion: 98 Resp: 129663
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 36.491 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009552.D
Acq: 13 Jul 2022 12:11

Tgt Ion: 95 Resp: 57362
Ion Ratio Lower Upper
95 100
174 91.9 0.0 177.0
176 90.1 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY009552.D

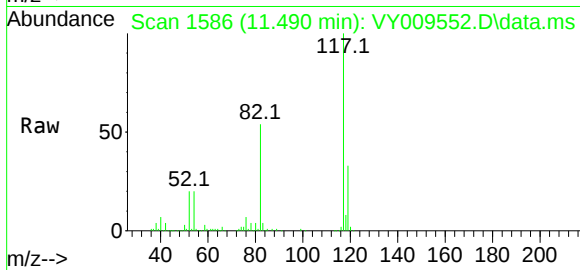
Acq: 13 Jul 2022 12:11

Instrument :

MSVOA_Y

ClientSampleId :

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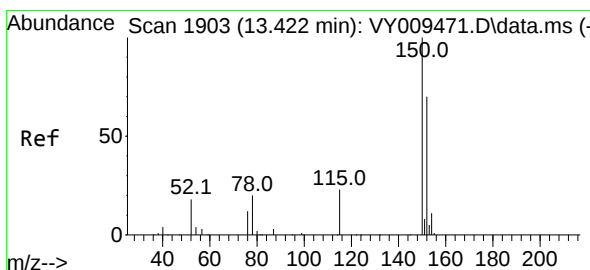
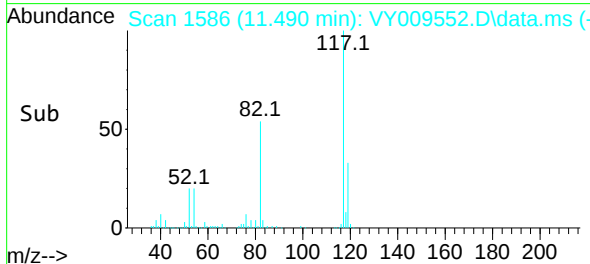
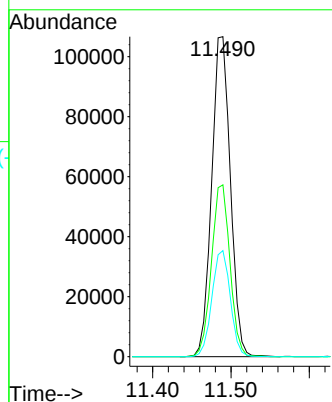
Tgt Ion:117 Resp: 177199

Ion Ratio Lower Upper

117 100

82 53.7 43.0 64.4

119 33.2 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: VY009552.D

Acq: 13 Jul 2022 12:11

Tgt Ion:152 Resp: 73034

Ion Ratio Lower Upper

152 100

115 56.3 28.2 84.7

150 160.2 0.0 347.6

