

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
 Data File : VY007726.D
 Acq On : 04 Mar 2022 00:57
 Operator : SY/MD
 Sample : N1730-05
 Misc : 6.17g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 9-10-SAMPLE-LOCATION-5

Quant Time: Mar 04 07:30:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

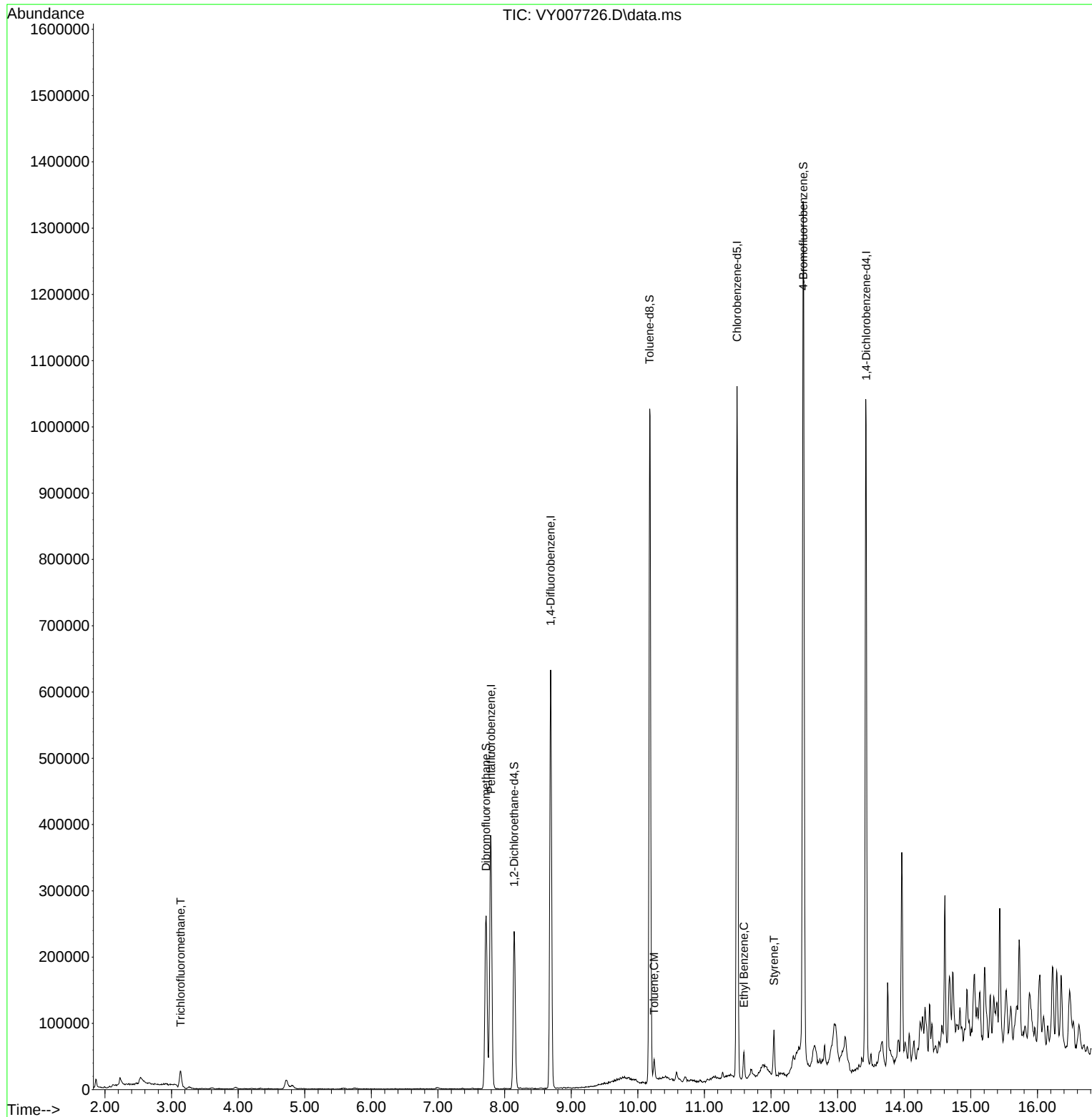
Internal Standards						
1) Pentafluorobenzene	7.795	168	316072	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	548824	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	561577	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	258415	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	181399	54.820	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.640%	
35) Dibromofluoromethane	7.722	113	182419	51.989	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.980%	
50) Toluene-d8	10.179	98	688724	53.323	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.640%	
62) 4-Bromofluorobenzene	12.483	95	231374	55.573	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.140%	
Target Compounds						
					Qvalue	
7) Trichlorofluoromethane	3.137	101	25408	4.690	ug/l	95
52) Toluene	10.246	92	12574	1.266	ug/l	97
67) Ethyl Benzene	11.593	91	27424	1.243	ug/l	97
70) Styrene	12.044	104	31554	2.349	ug/l #	87

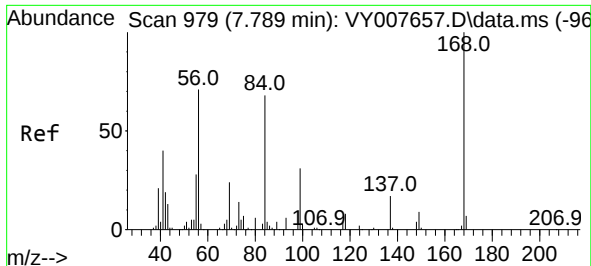
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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9-10-SAMPLE-LOCATION-5

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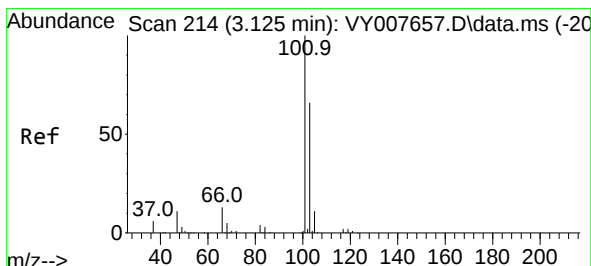
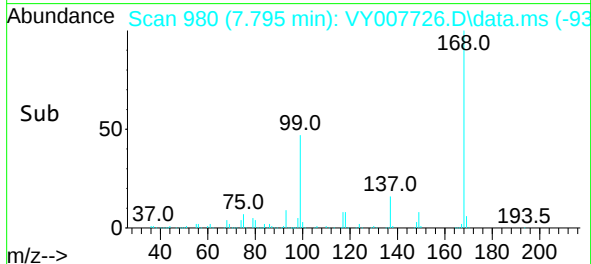
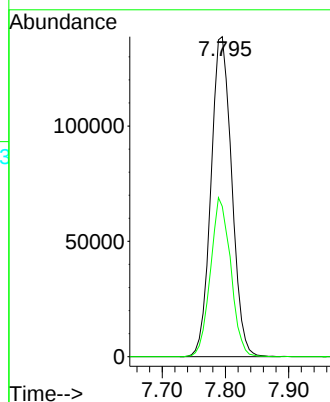
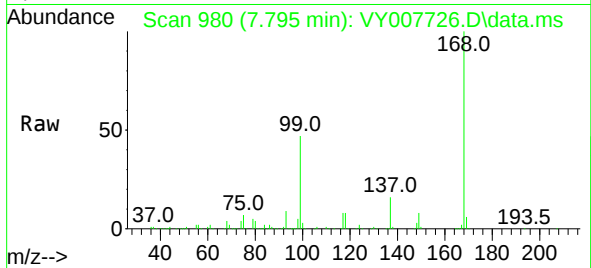




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007726.D
Acq: 04 Mar 2022 00:57

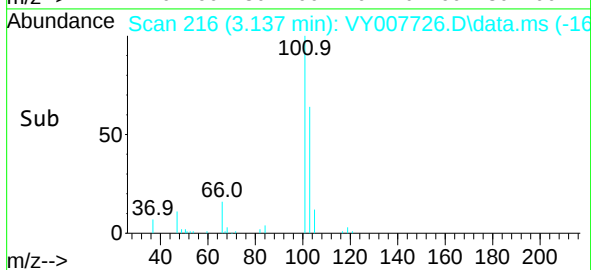
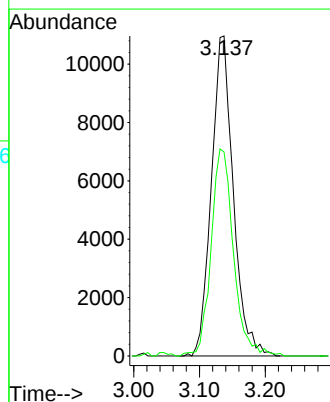
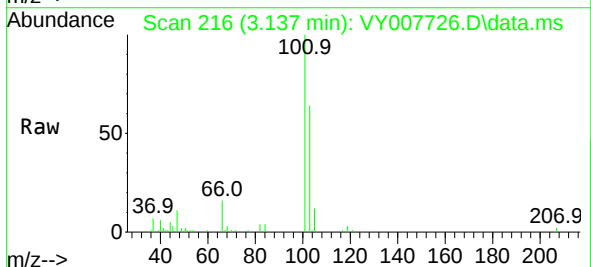
Instrument :
MSVOA_Y
ClientSampleId :
9-10-SAMPLE-LOCATION-5

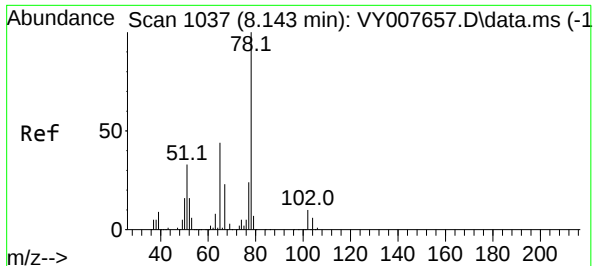
Tgt Ion:168 Resp: 316072
Ion Ratio Lower Upper
168 100
99 46.9 46.9 70.3



#7
Trichlorofluoromethane
Concen: 4.690 ug/l
RT: 3.137 min Scan# 216
Delta R.T. 0.012 min
Lab File: VY007726.D
Acq: 04 Mar 2022 00:57

Tgt Ion:101 Resp: 25408
Ion Ratio Lower Upper
101 100
103 63.8 48.0 72.0





#33

1,2-Dichloroethane-d4

Concen: 54.820 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY007726.D

Acq: 04 Mar 2022 00:57

Instrument :

MSVOA_Y

ClientSampleId :

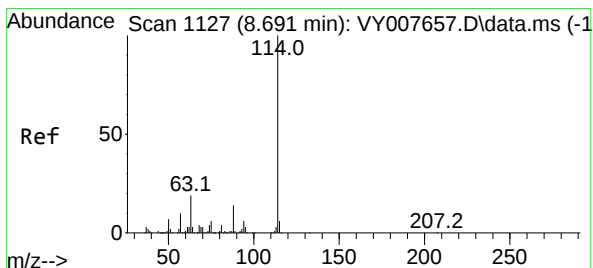
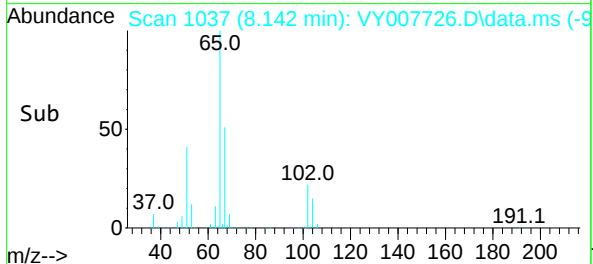
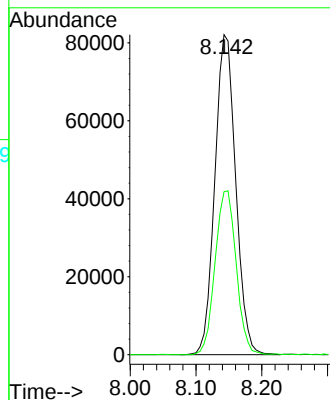
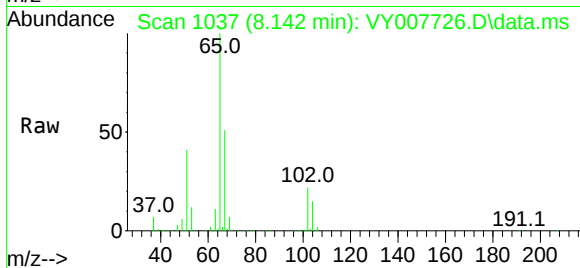
9-10-SAMPLE-LOCATION-5

Tgt Ion: 65 Resp: 181399

Ion Ratio Lower Upper

65 100

67 51.9 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007726.D

Acq: 04 Mar 2022 00:57

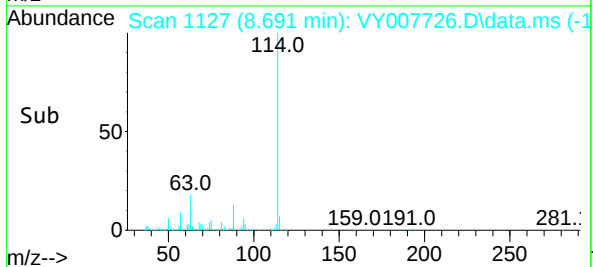
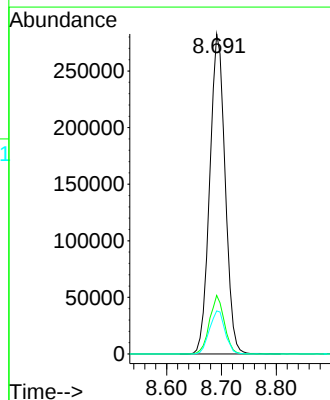
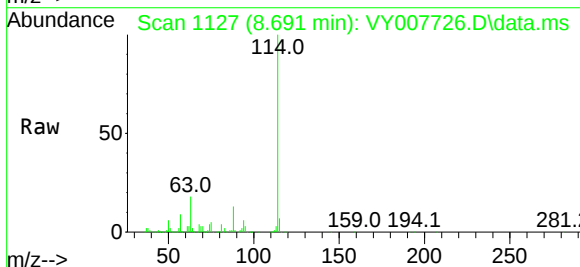
Tgt Ion:114 Resp: 548824

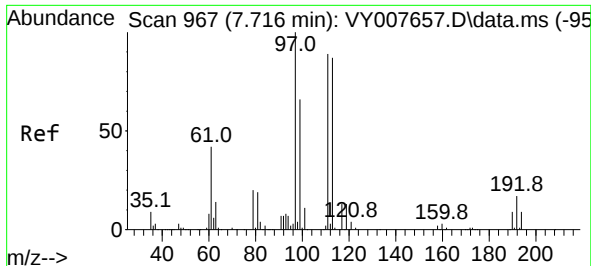
Ion Ratio Lower Upper

114 100

63 18.3 0.0 43.2

88 13.5 0.0 31.8

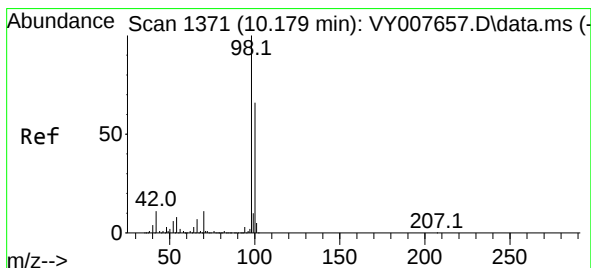
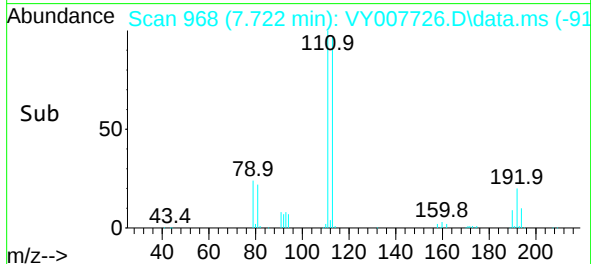
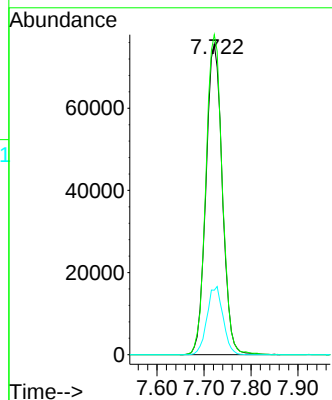
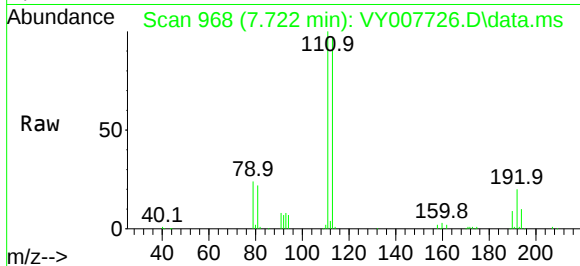




#35
Dibromofluoromethane
Concen: 51.989 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007726.D
Acq: 04 Mar 2022 00:57

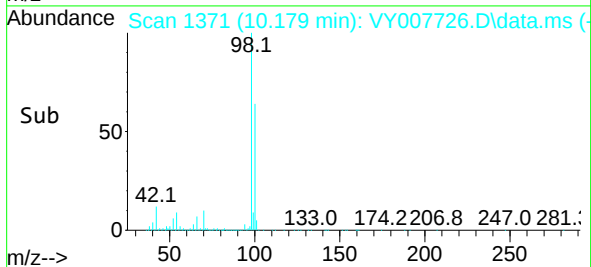
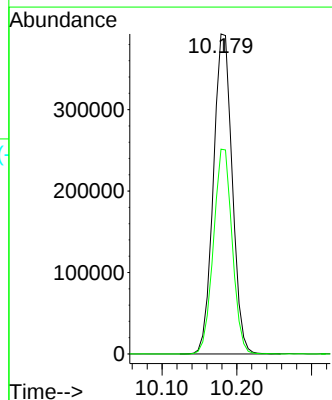
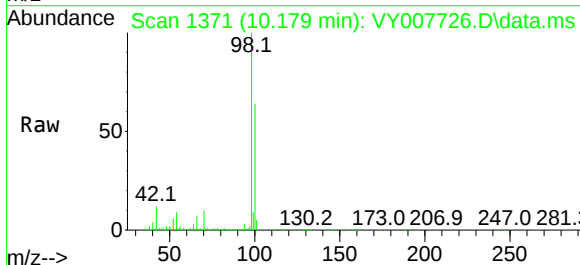
Instrument :
MSVOA_Y
ClientSampleId :
9-10-SAMPLE-LOCATION-5

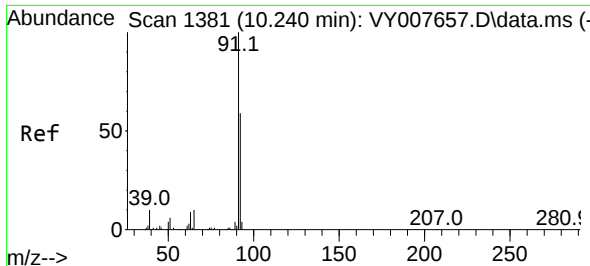
Tgt Ion:113 Resp: 182419
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 21.6 17.6 26.4



#50
Toluene-d8
Concen: 53.323 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007726.D
Acq: 04 Mar 2022 00:57

Tgt Ion: 98 Resp: 688724
Ion Ratio Lower Upper
98 100
100 63.6 50.2 75.2

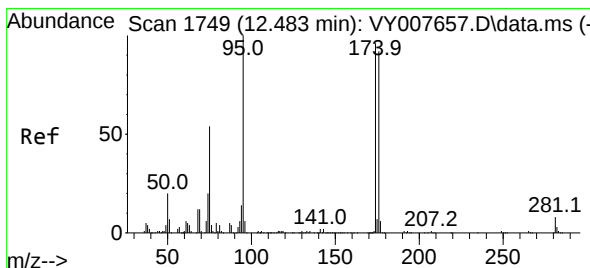
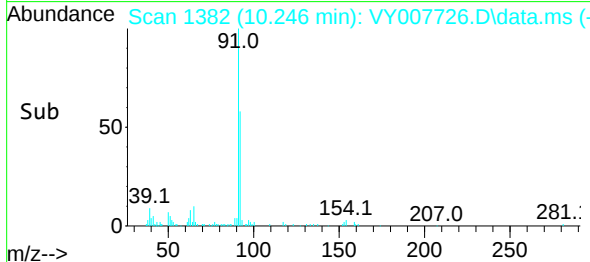
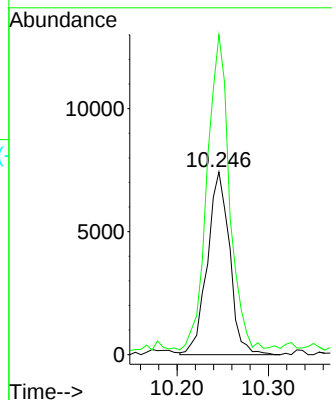
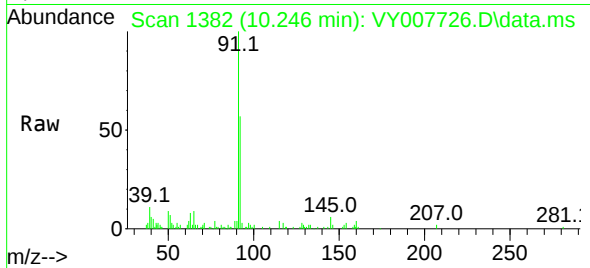




#52
Toluene
Concen: 1.266 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY007726.D
Acq: 04 Mar 2022 00:57

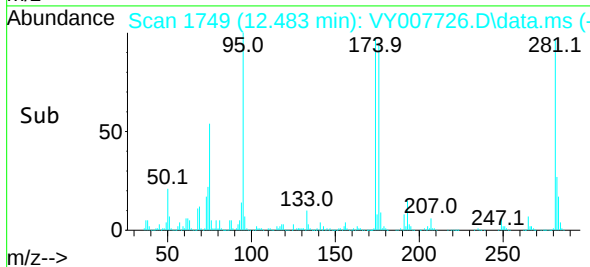
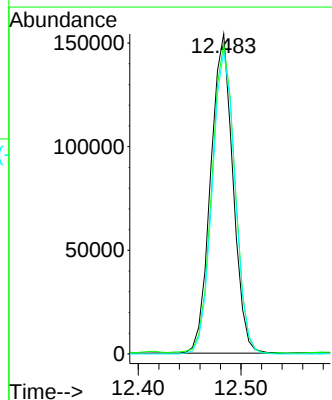
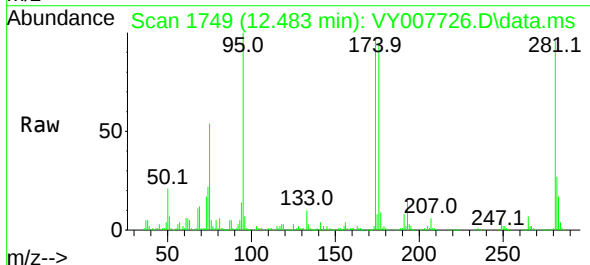
Instrument :
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ClientSampleId :
9-10-SAMPLE-LOCATION-5

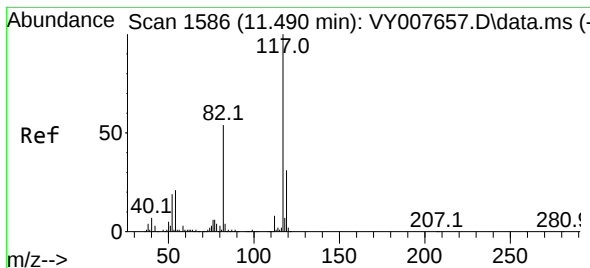
Tgt Ion: 92 Resp: 12574
Ion Ratio Lower Upper
92 100
91 173.5 142.6 213.8



#62
4-Bromofluorobenzene
Concen: 55.573 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007726.D
Acq: 04 Mar 2022 00:57

Tgt Ion: 95 Resp: 231374
Ion Ratio Lower Upper
95 100
174 100.0 0.0 177.0
176 97.0 0.0 175.8

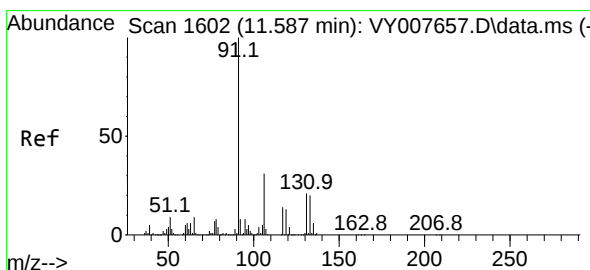
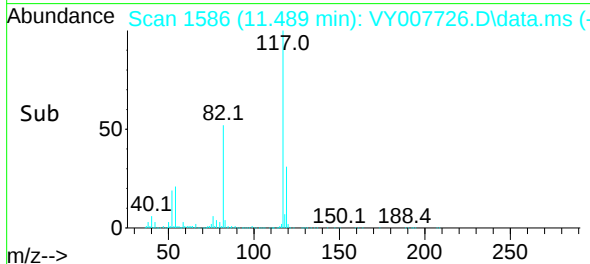
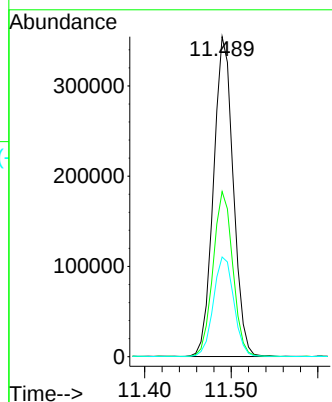
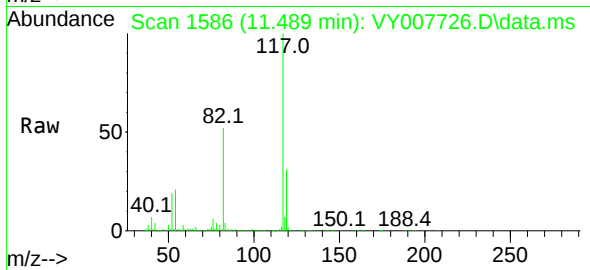




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY007726.D
Acq: 04 Mar 2022 00:57

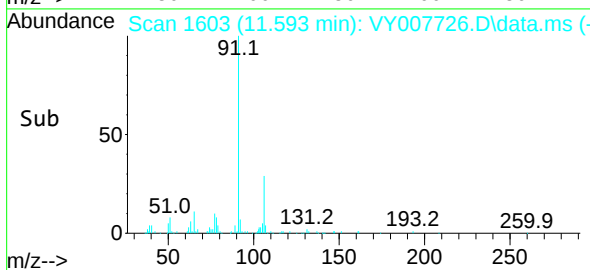
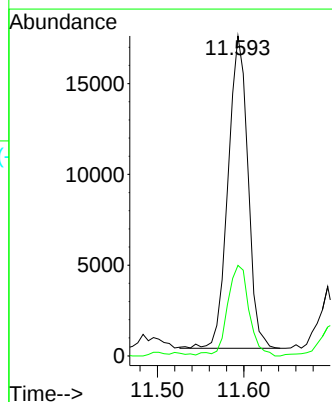
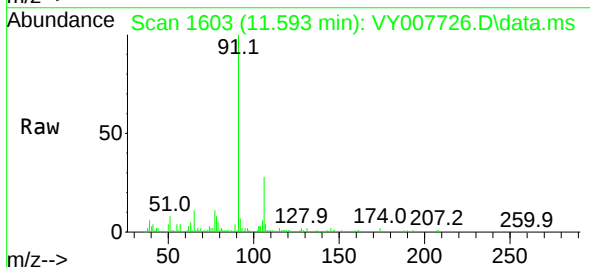
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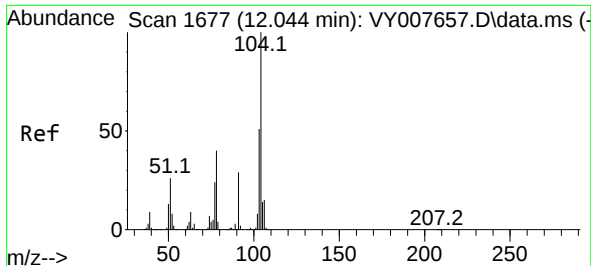
Tgt Ion:117 Resp: 561577
Ion Ratio Lower Upper
117 100
82 51.5 43.0 64.4
119 31.1 25.4 38.0



#67
Ethyl Benzene
Concen: 1.243 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY007726.D
Acq: 04 Mar 2022 00:57

Tgt Ion: 91 Resp: 27424
Ion Ratio Lower Upper
91 100
106 29.0 24.5 36.7

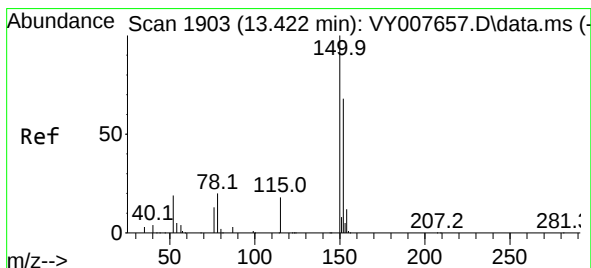
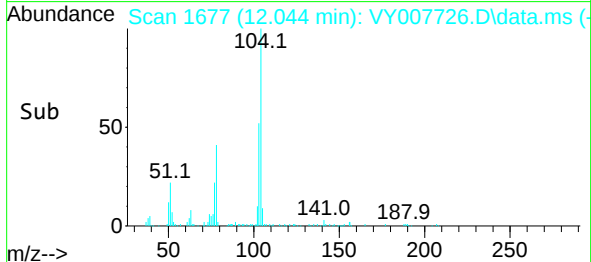
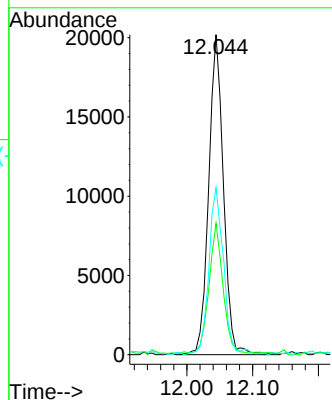
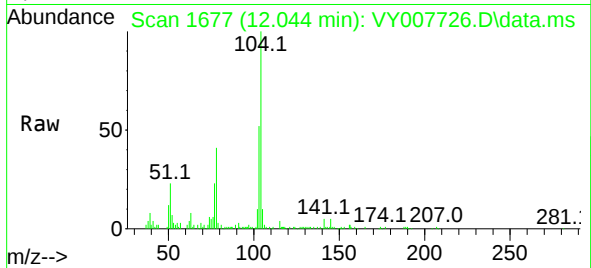




#70
Styrene
Concen: 2.349 ug/l
RT: 12.044 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY007726.D
Acq: 04 Mar 2022 00:57

Instrument :
MSVOA_Y
ClientSampleId :
9-10-SAMPLE-LOCATION-5

Tgt Ion:104 Resp: 31554
Ion Ratio Lower Upper
104 100
78 38.2 42.4 63.6#
103 51.2 44.4 66.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007726.D
Acq: 04 Mar 2022 00:57

Tgt Ion:152 Resp: 258415
Ion Ratio Lower Upper
152 100
115 53.9 28.2 84.7
150 156.7 0.0 347.6

