

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
 Data File : VY007927.D
 Acq On : 19 Mar 2022 02:26
 Operator : SY/MD
 Sample : N1958-07
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C-7-6-7

Quant Time: Mar 21 03:18:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

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

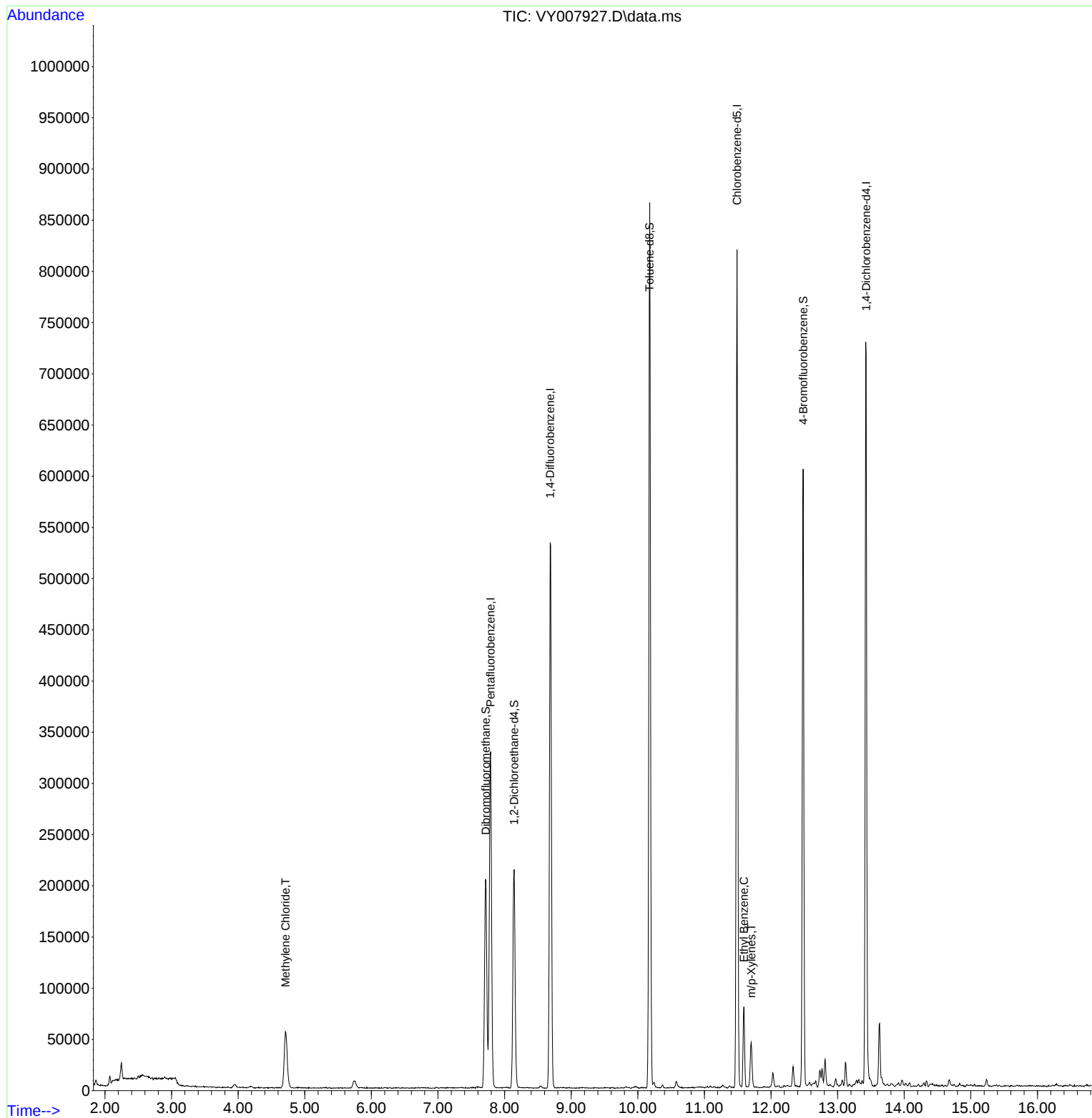
Internal Standards						
1) Pentafluorobenzene	7.789	168	249147	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	467409	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	427161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	179864	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	163297	57.484	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.960%
35) Dibromofluoromethane	7.715	113	147628	44.973	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.940%
50) Toluene-d8	10.178	98	567381	58.208	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	116.420%
62) 4-Bromofluorobenzene	12.483	95	195671	41.534	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.060%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.710	84	42760	11.025	ug/l	87
67) Ethyl Benzene	11.593	91	54593	2.995	ug/l	98
68) m/p-Xylenes	11.702	106	12961	1.823	ug/l	100

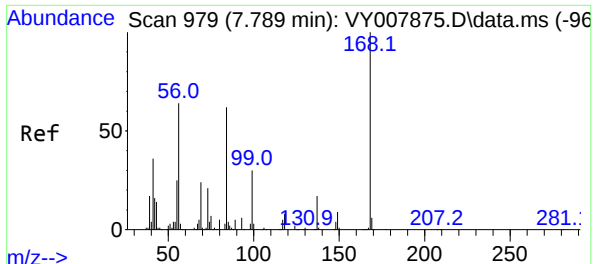
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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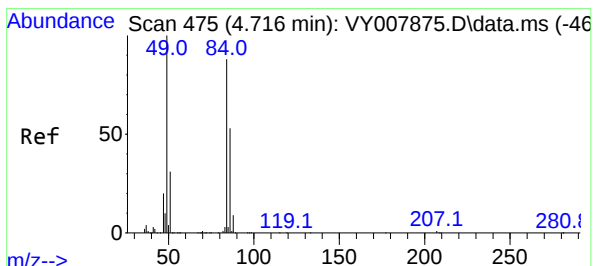
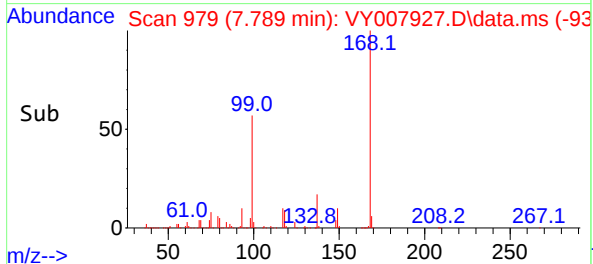
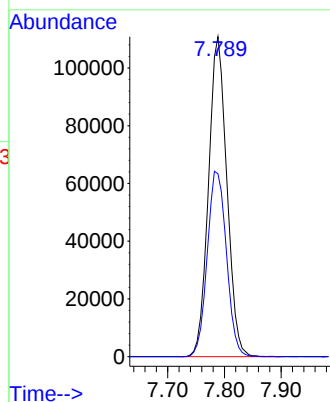
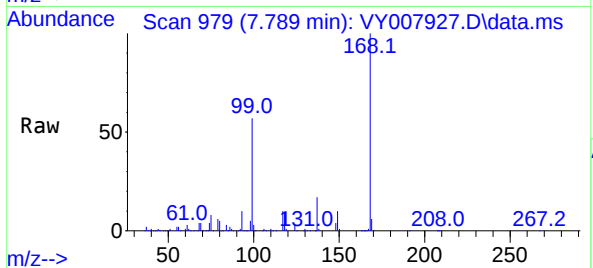




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007927.D
Acq: 19 Mar 2022 02:26

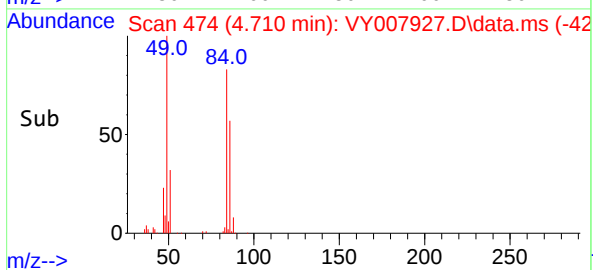
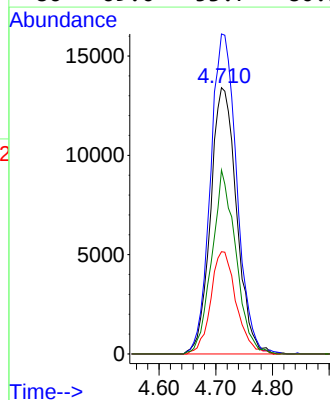
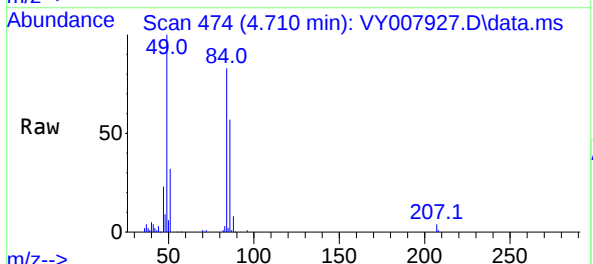
Instrument :
MSVOA_Y
ClientSampleId :
C-7-6-7

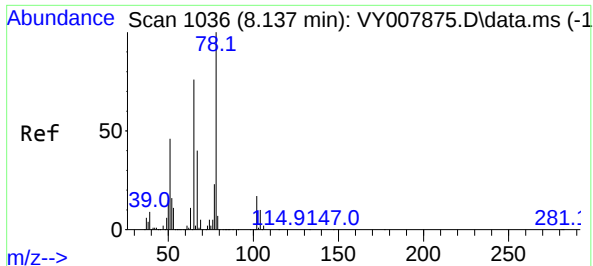
Tgt Ion:168 Resp: 249147
Ion Ratio Lower Upper
168 100
99 57.1 46.9 70.3



#20
Methylene Chloride
Concen: 11.025 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.007 min
Lab File: VY007927.D
Acq: 19 Mar 2022 02:26

Tgt Ion: 84 Resp: 42760
Ion Ratio Lower Upper
84 100
49 120.2 114.4 171.6
51 38.4 35.3 52.9
86 69.0 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 57.484 ug/l

RT: 8.142 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VY007927.D

Acq: 19 Mar 2022 02:26

Instrument :

MSVOA_Y

ClientSampleId :

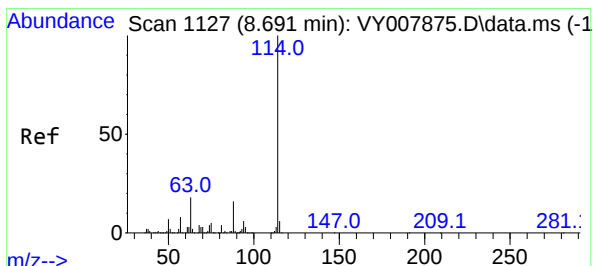
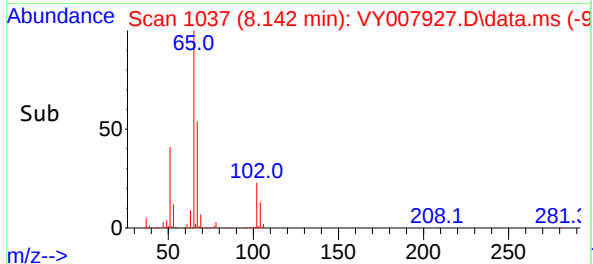
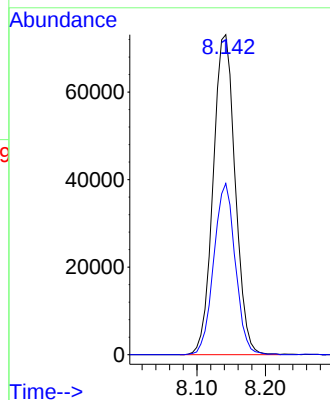
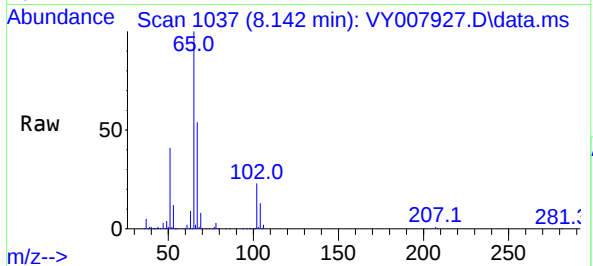
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Tgt Ion: 65 Resp: 163297

Ion Ratio Lower Upper

65 100

67 52.2 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.007 min

Lab File: VY007927.D

Acq: 19 Mar 2022 02:26

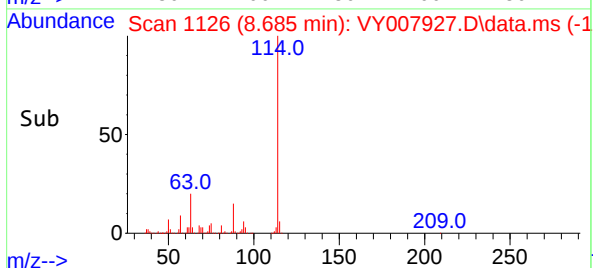
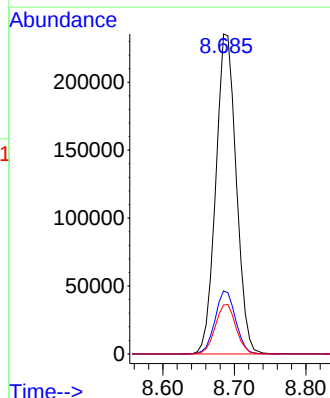
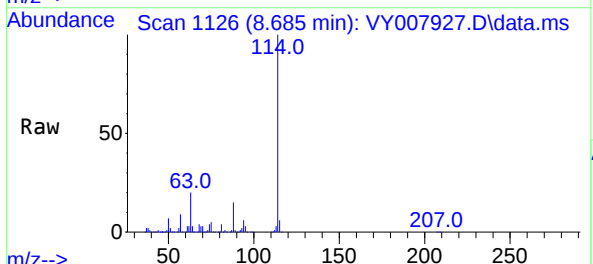
Tgt Ion:114 Resp: 467409

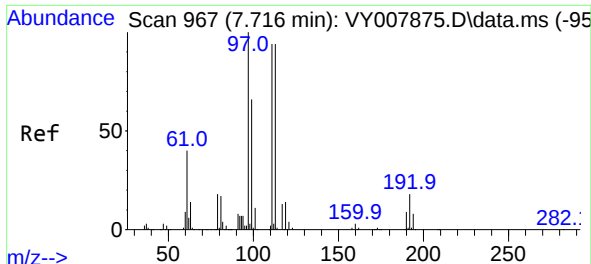
Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

88 15.3 0.0 31.8

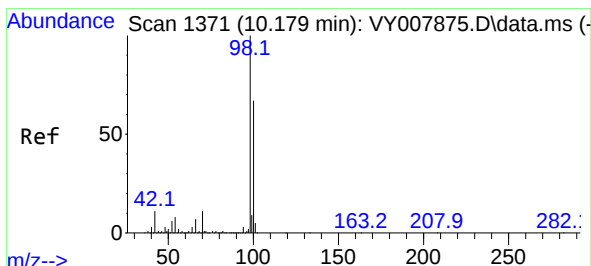
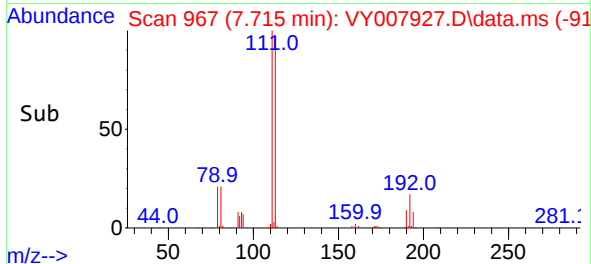
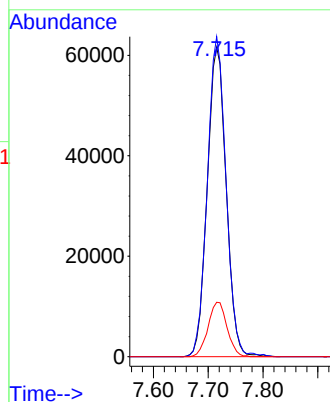
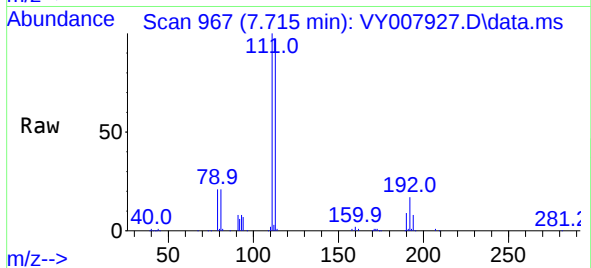




#35
Dibromofluoromethane
Concen: 44.973 ug/l
RT: 7.715 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY007927.D
Acq: 19 Mar 2022 02:26

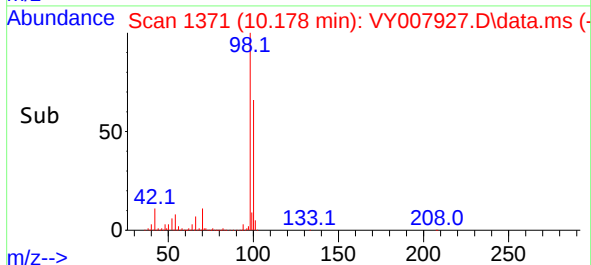
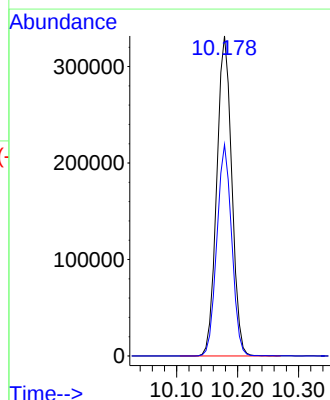
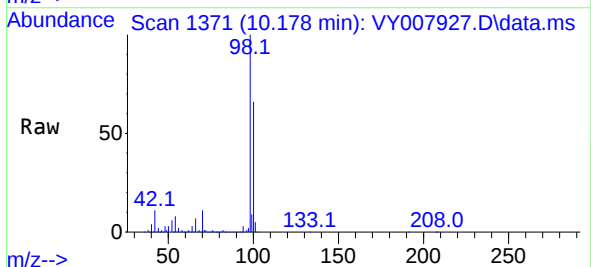
Instrument :
MSVOA_Y
ClientSampleId :
C-7-6-7

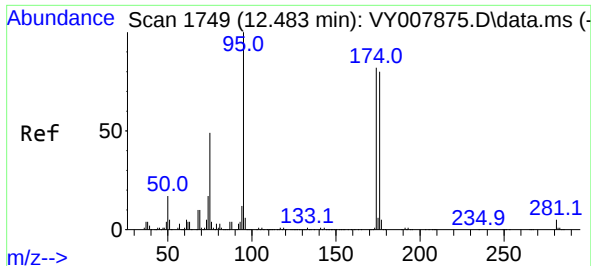
Tgt Ion:113 Resp: 147628
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 17.6 17.6 26.4



#50
Toluene-d8
Concen: 58.208 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY007927.D
Acq: 19 Mar 2022 02:26

Tgt Ion: 98 Resp: 567381
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2

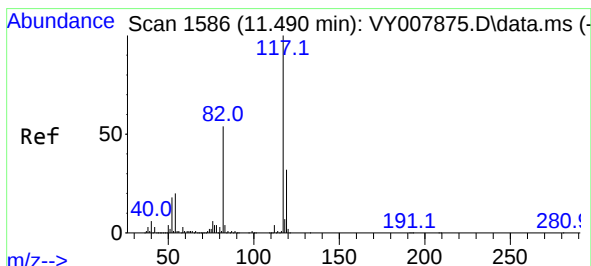
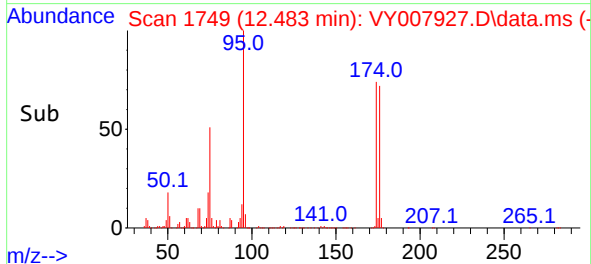
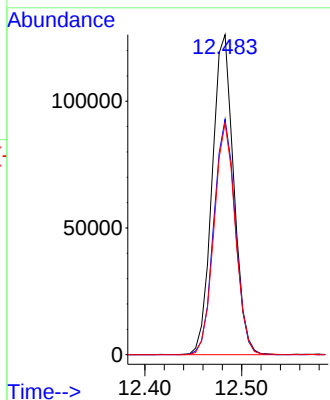
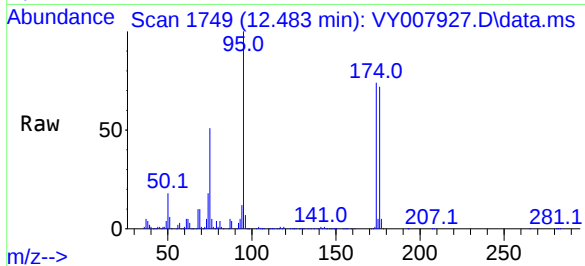




#62
4-Bromofluorobenzene
Concen: 41.534 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VY007927.D
Acq: 19 Mar 2022 02:26

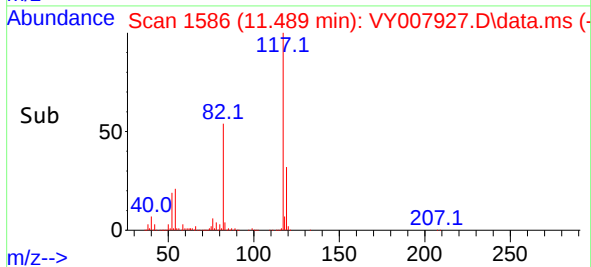
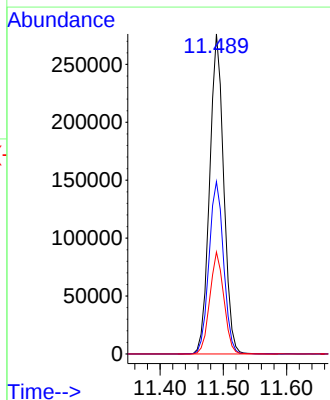
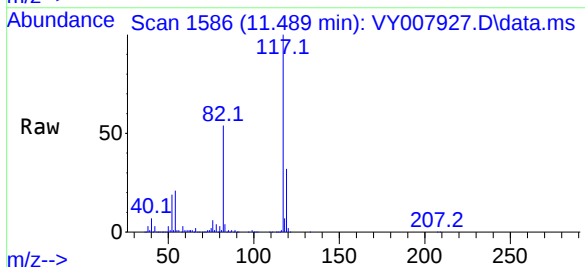
Instrument :
MSVOA_Y
ClientSampleId :
C-7-6-7

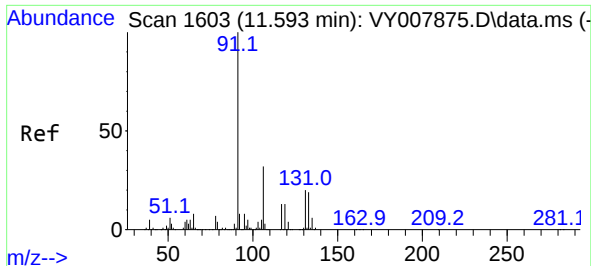
Tgt Ion: 95 Resp: 195671
Ion Ratio Lower Upper
95 100
174 73.2 0.0 177.0
176 71.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007927.D
Acq: 19 Mar 2022 02:26

Tgt Ion: 117 Resp: 427161
Ion Ratio Lower Upper
117 100
82 53.9 43.0 64.4
119 31.9 25.4 38.0





#67

Ethyl Benzene

Concen: 2.995 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.001 min

Lab File: VY007927.D

Acq: 19 Mar 2022 02:26

Instrument :

MSVOA_Y

ClientSampleId :

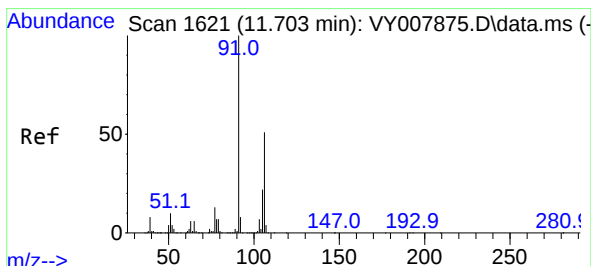
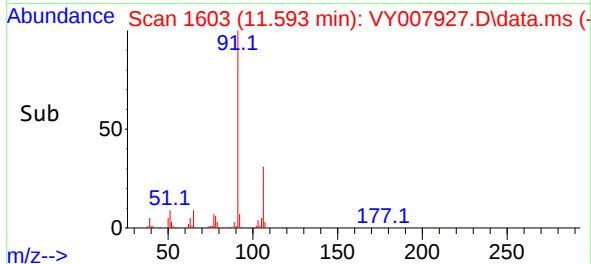
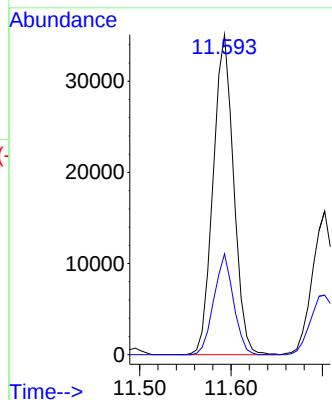
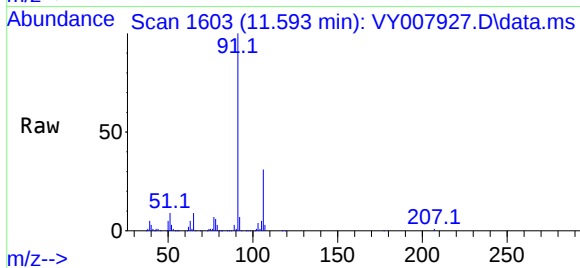
C-7-6-7

Tgt Ion: 91 Resp: 54593

Ion Ratio Lower Upper

91 100

106 31.5 24.5 36.7



#68

m/p-Xylenes

Concen: 1.823 ug/l

RT: 11.702 min Scan# 1621

Delta R.T. -0.001 min

Lab File: VY007927.D

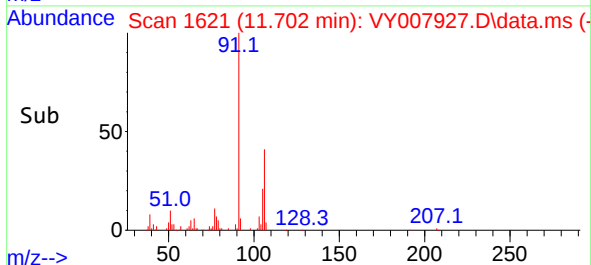
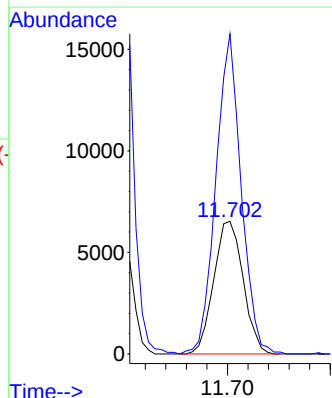
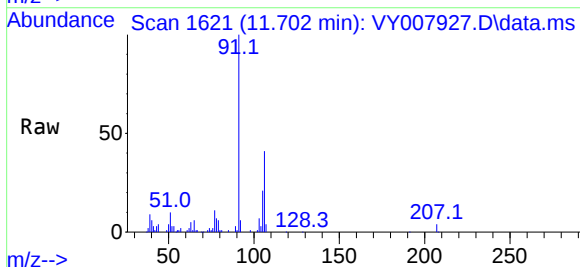
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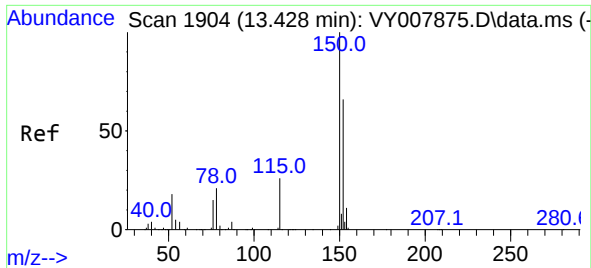
Tgt Ion: 106 Resp: 12961

Ion Ratio Lower Upper

106 100

91 207.7 166.6 249.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.001 min
 Lab File: VY007927.D
 Acq: 19 Mar 2022 02:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 C-7-6-7

Tgt Ion:152 Resp: 179864

Ion	Ratio	Lower	Upper
152	100		
115	61.2	28.2	84.7
150	157.3	0.0	347.6

