

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
 Data File : VY007929.D
 Acq On : 19 Mar 2022 03:13
 Operator : SY/MD
 Sample : N1958-09
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C-9-8-9

Quant Time: Mar 21 03:19:19 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)

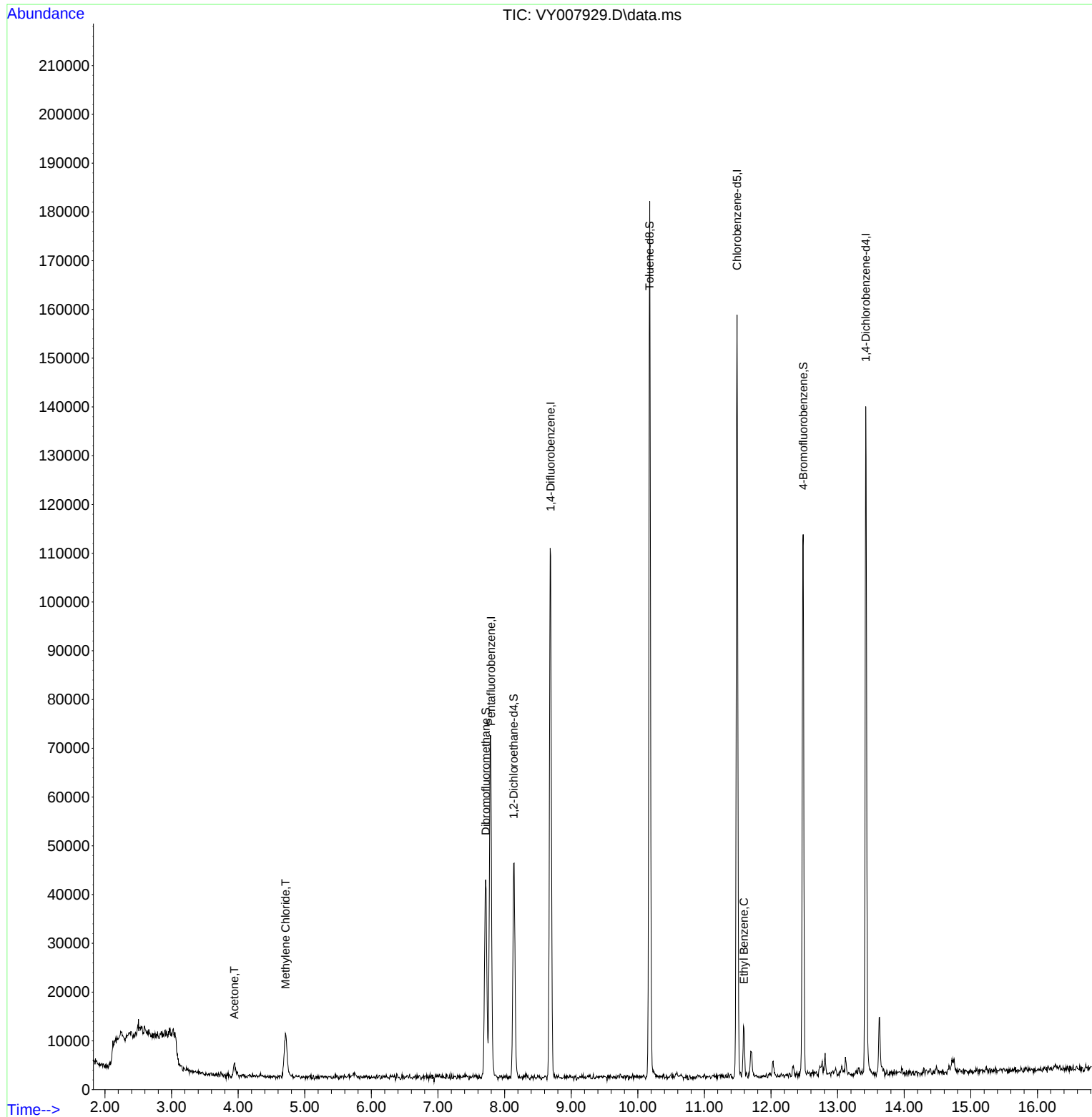
Internal Standards						
1) Pentafluorobenzene	7.795	168	52911	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	94901	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	83052	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	32467	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	32651	54.122	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 108.240%		
35) Dibromofluoromethane	7.716	113	29031	43.558	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 87.120%		
50) Toluene-d8	10.179	98	112800	56.862	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 113.720%		
62) 4-Bromofluorobenzene	12.483	95	36800	38.472	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 76.940%		
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	3917	24.475	ug/l #	71
20) Methylene Chloride	4.710	84	6596	6.615	ug/l #	80
67) Ethyl Benzene	11.593	91	7477	2.110	ug/l	96

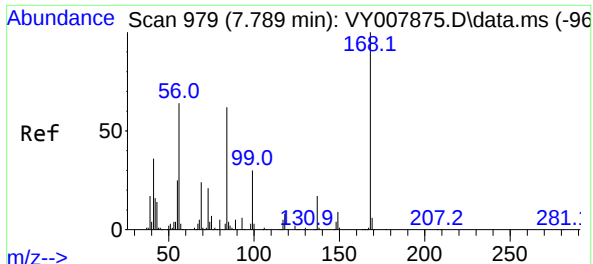
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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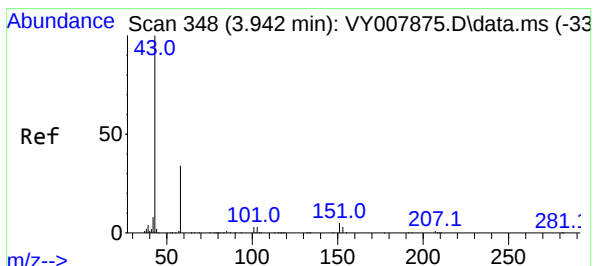
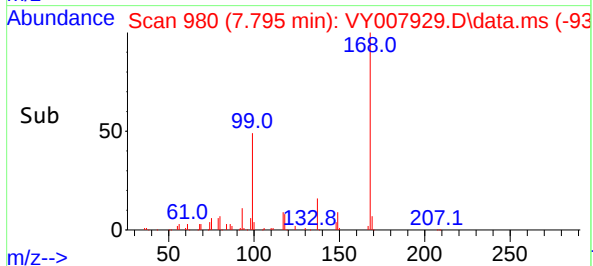
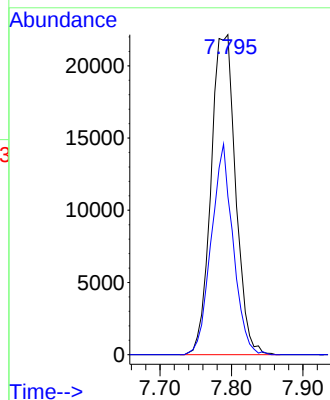
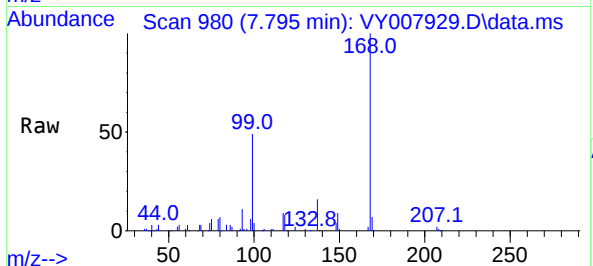




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007929.D
Acq: 19 Mar 2022 03:13

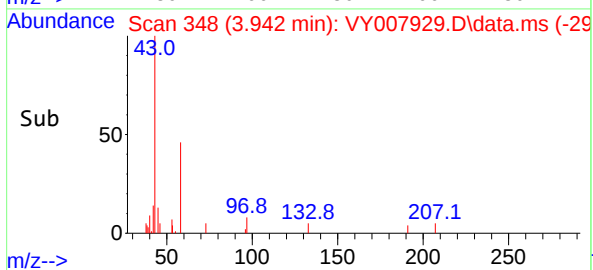
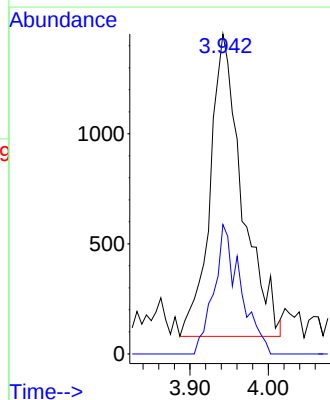
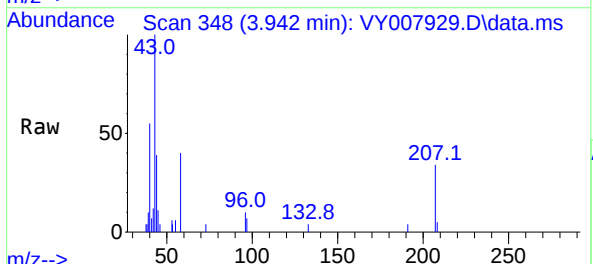
Instrument :
MSVOA_Y
ClientSampleId :
C-9-8-9

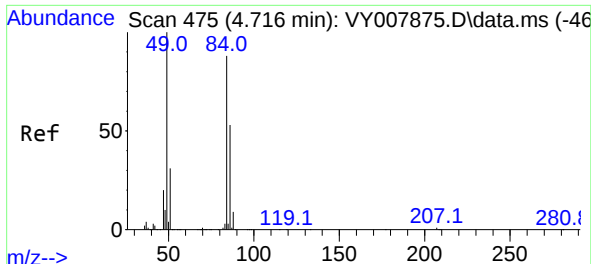
Tgt Ion:168 Resp: 52911
Ion Ratio Lower Upper
168 100
99 49.5 46.9 70.3



#16
Acetone
Concen: 24.475 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY007929.D
Acq: 19 Mar 2022 03:13

Tgt Ion: 43 Resp: 3917
Ion Ratio Lower Upper
43 100
58 42.8 22.0 33.0#

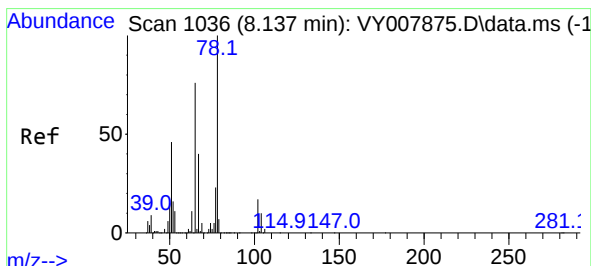
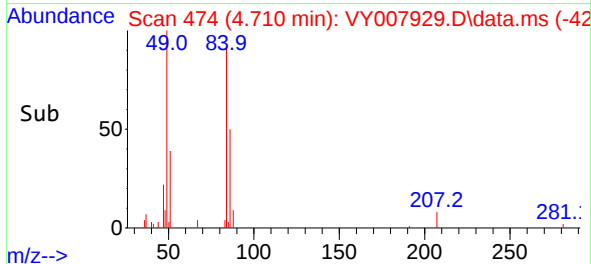
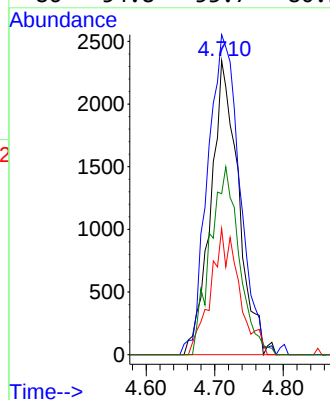
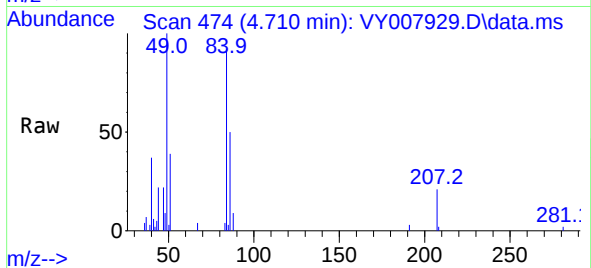




#20
Methylene Chloride
Concen: 6.615 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY007929.D
Acq: 19 Mar 2022 03:13

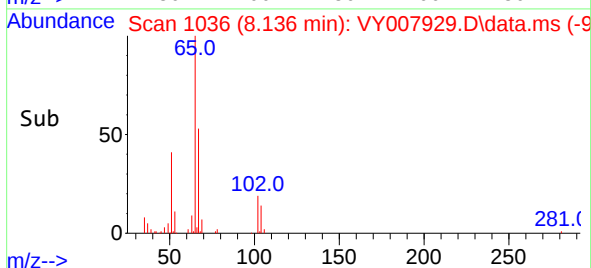
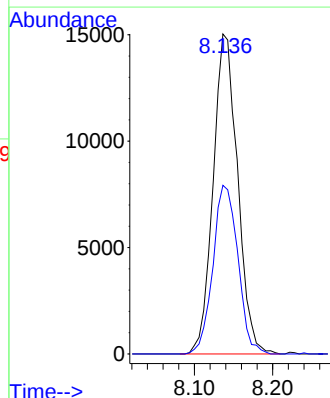
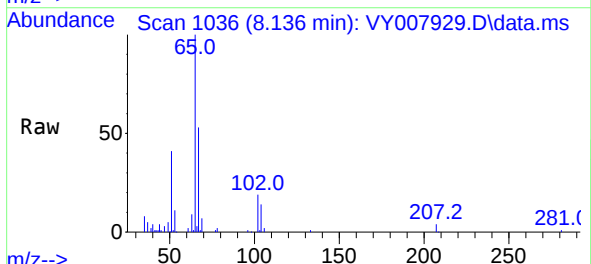
Instrument :
MSVOA_Y
ClientSampleId :
C-9-8-9

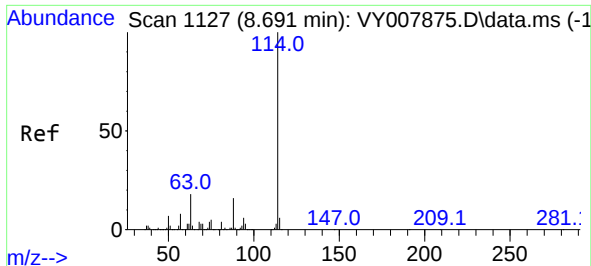
Tgt Ion: 84 Resp: 6596
Ion Ratio Lower Upper
84 100
49 108.8 114.4 171.6#
51 42.9 35.3 52.9
86 54.8 53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 54.122 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY007929.D
Acq: 19 Mar 2022 03:13

Tgt Ion: 65 Resp: 32651
Ion Ratio Lower Upper
65 100
67 53.8 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: VY007929.D

Acq: 19 Mar 2022 03:13

Instrument :

MSVOA_Y

ClientSampleId :

C-9-8-9

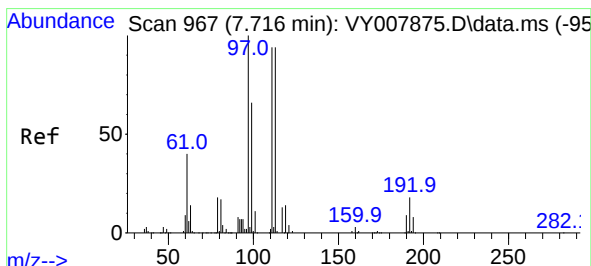
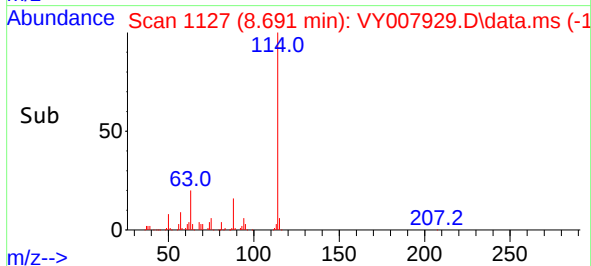
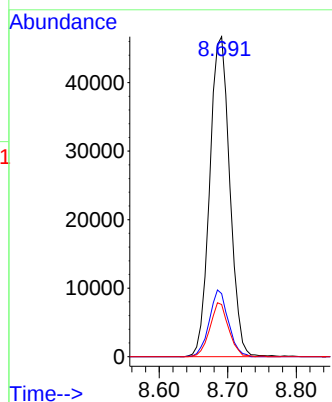
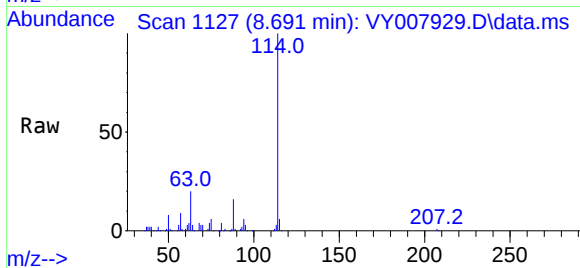
Tgt Ion:114 Resp: 94901

Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

88 16.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 43.558 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007929.D

Acq: 19 Mar 2022 03:13

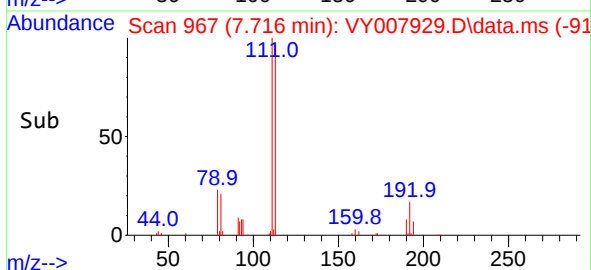
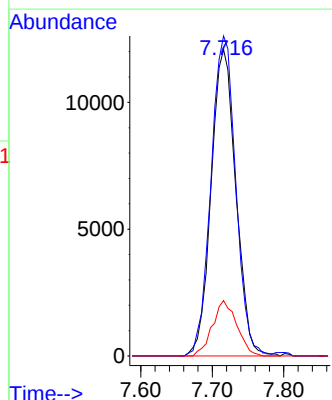
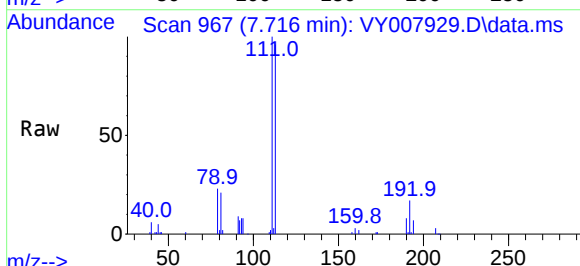
Tgt Ion:113 Resp: 29031

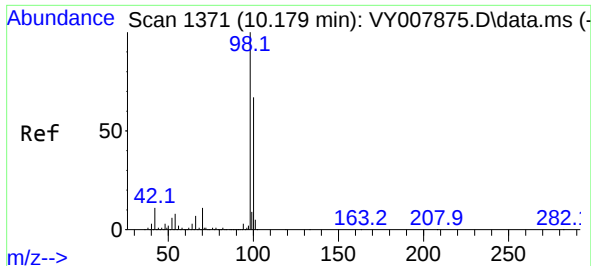
Ion Ratio Lower Upper

113 100

111 104.3 82.6 124.0

192 17.8 17.6 26.4

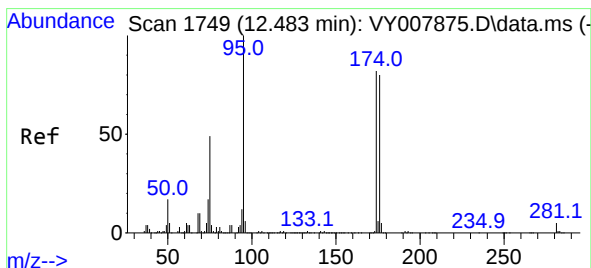
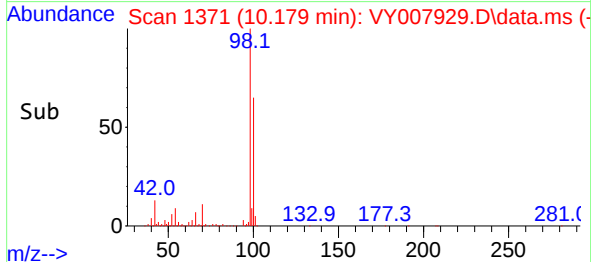
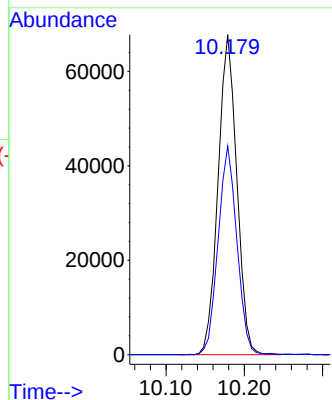
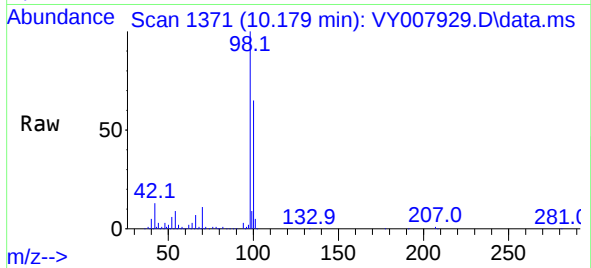




#50
Toluene-d8
Concen: 56.862 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007929.D
Acq: 19 Mar 2022 03:13

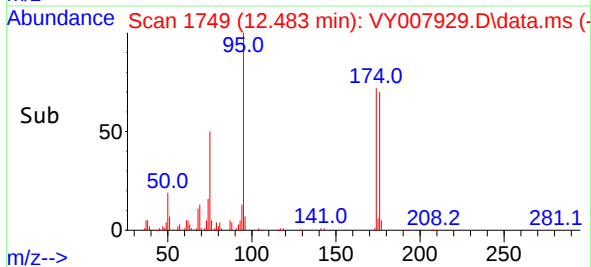
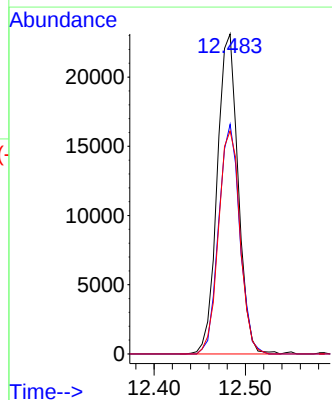
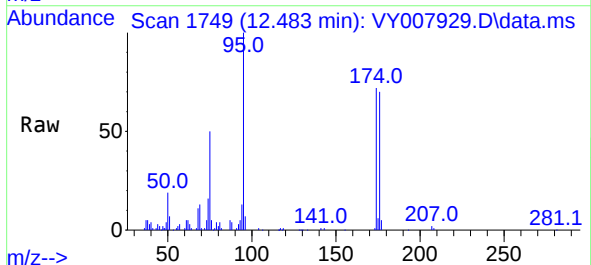
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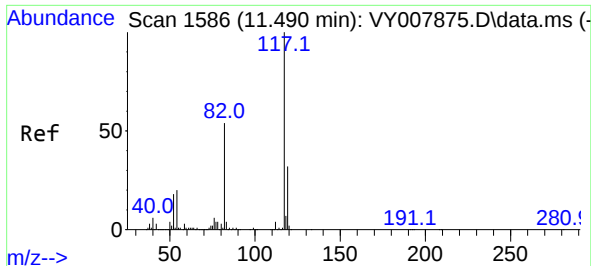
Tgt Ion: 98 Resp: 112800
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.472 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007929.D
Acq: 19 Mar 2022 03:13

Tgt Ion: 95 Resp: 36800
Ion Ratio Lower Upper
95 100
174 72.1 0.0 177.0
176 71.6 0.0 175.8

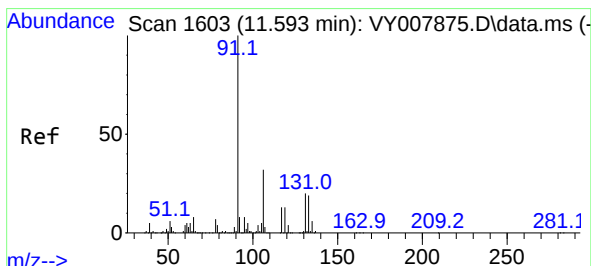
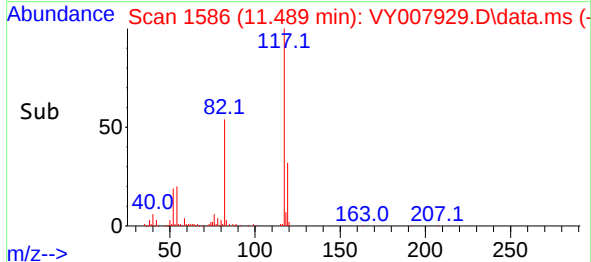
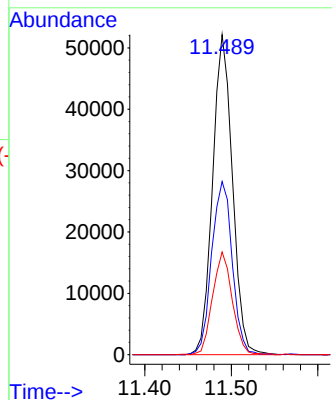
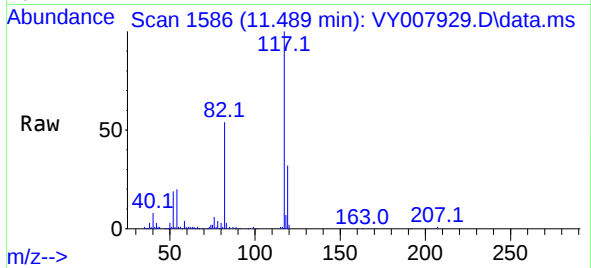




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007929.D
Acq: 19 Mar 2022 03:13

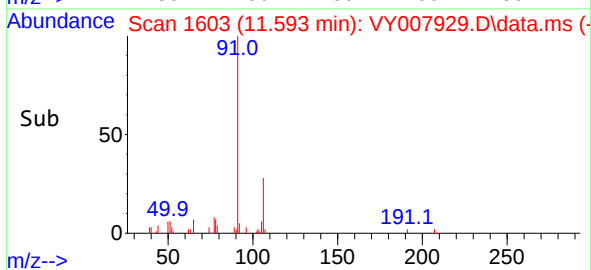
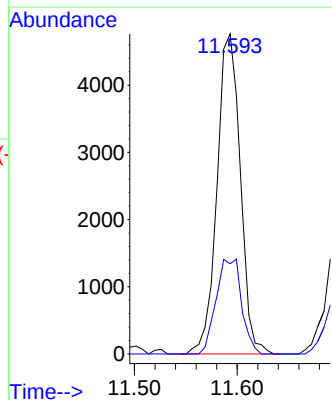
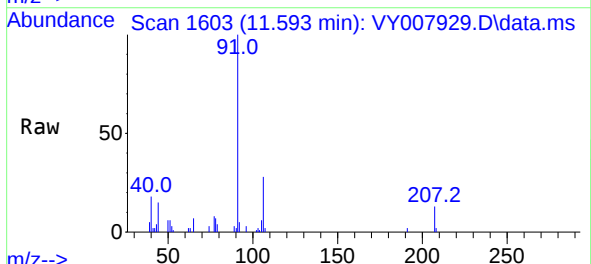
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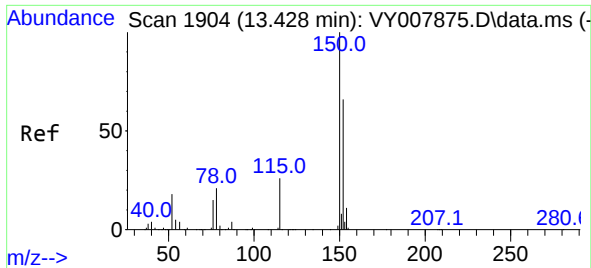
Tgt Ion:117 Resp: 83052
Ion Ratio Lower Upper
117 100
82 54.1 43.0 64.4
119 32.1 25.4 38.0



#67
Ethyl Benzene
Concen: 2.110 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY007929.D
Acq: 19 Mar 2022 03:13

Tgt Ion: 91 Resp: 7477
Ion Ratio Lower Upper
91 100
106 28.2 24.5 36.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY007929.D
 Acq: 19 Mar 2022 03:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 C-9-8-9

Tgt Ion:152 Resp: 32467

Ion	Ratio	Lower	Upper
152	100		
115	61.9	28.2	84.7
150	158.1	0.0	347.6

