

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022322\
 Data File : VY007607.D
 Acq On : 23 Feb 2022 18:53
 Operator : SY/MD
 Sample : N1584-06
 Misc : 5.77g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D12-12.5

Quant Time: Feb 24 08:25:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 24 07:13:58 2022
 Response via : Initial Calibration

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

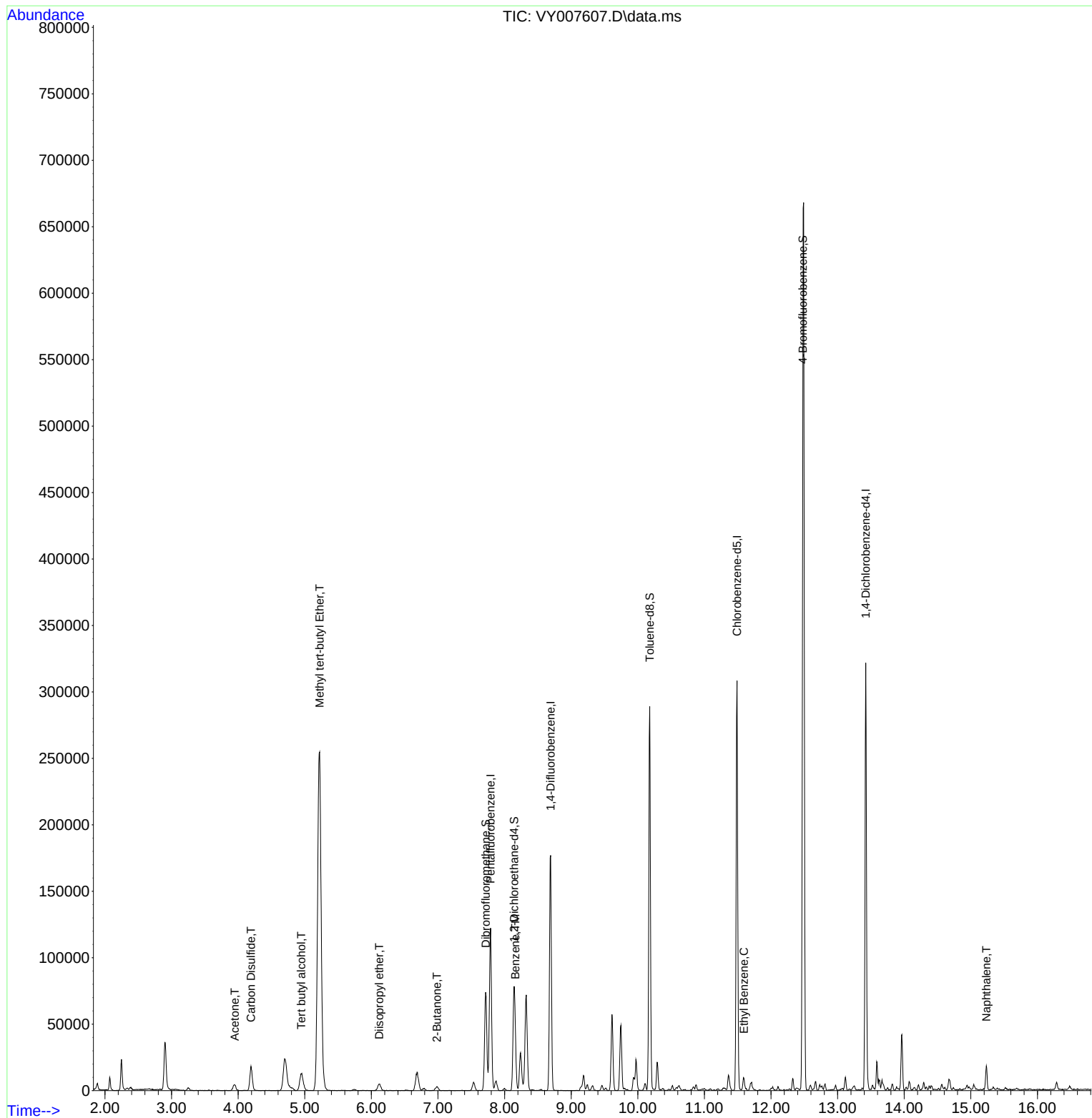
Internal Standards						
1) Pentafluorobenzene	7.789	168	90542	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	157127	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	157115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	76953	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	53389	53.005	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.020%	
35) Dibromofluoromethane	7.715	113	47863	48.276	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.560%	
50) Toluene-d8	10.178	98	184821	50.356	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.720%	
62) 4-Bromofluorobenzene	12.477	95	70767	56.449	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.900%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	26787	264.050	ug/l #	93
16) Acetone	3.948	43	4943	21.548	ug/l	95
17) Carbon Disulfide	4.192	76	35166	13.836	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	487080	177.203	ug/l #	88
22) Diisopropyl ether	6.118	45	5843	2.941	ug/l #	87
25) 2-Butanone	6.984	43	2163	8.317	ug/l #	66
40) Benzene	8.161	78	24892	6.106	ug/l	97
67) Ethyl Benzene	11.593	91	5951	1.036	ug/l #	76
95) Naphthalene	15.232	128	15041	3.854	ug/l	98

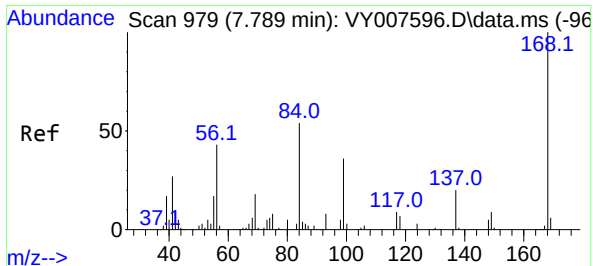
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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D12-12.5

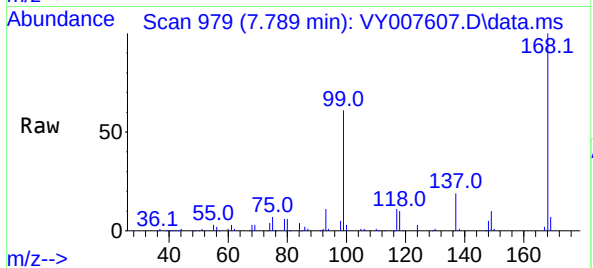
Quant Time: Feb 24 08:25:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
Quant Title : SW846 8260
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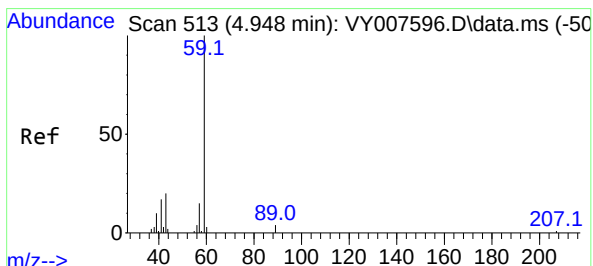
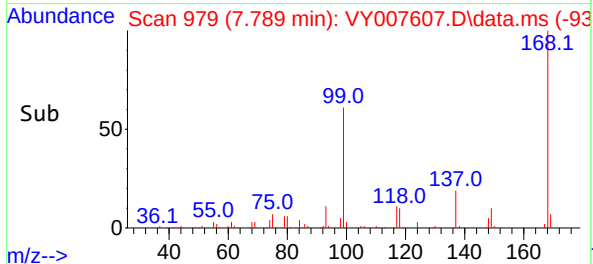
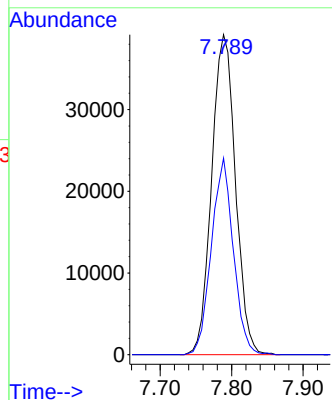


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007607.D
Acq: 23 Feb 2022 18:53

Instrument :
MSVOA_Y
ClientSampleId :
D12-12.5

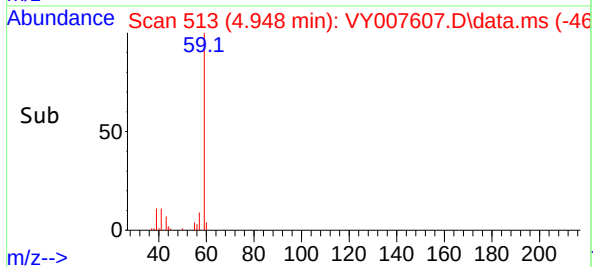
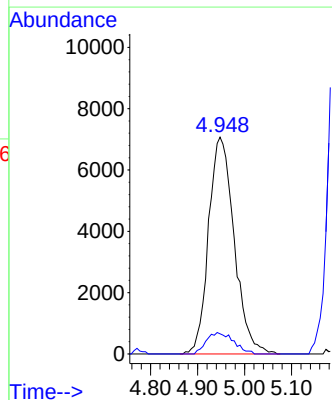
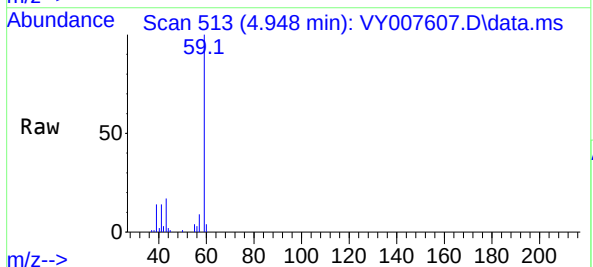


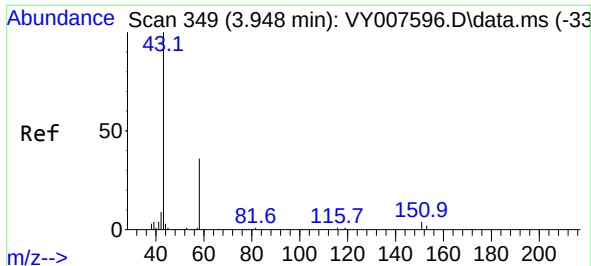
Tgt Ion:168 Resp: 90542
Ion Ratio Lower Upper
168 100
99 61.4 46.9 70.3



#11
Tert butyl alcohol
Concen: 264.050 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY007607.D
Acq: 23 Feb 2022 18:53

Tgt Ion: 59 Resp: 26787
Ion Ratio Lower Upper
59 100
57 10.5 6.4 9.6#

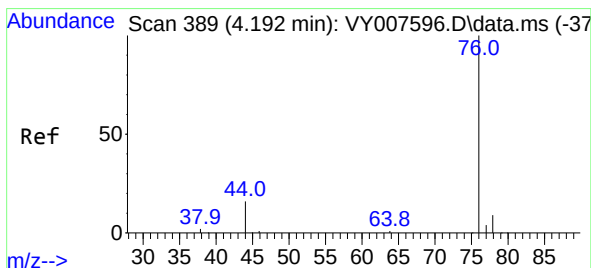
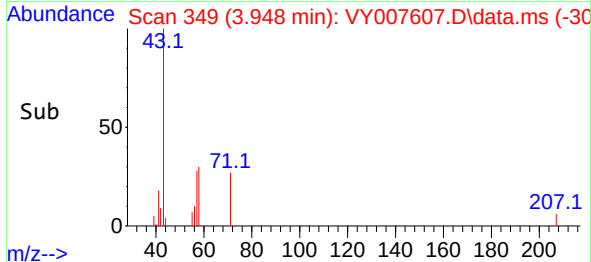
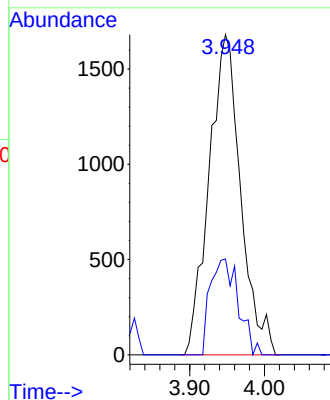
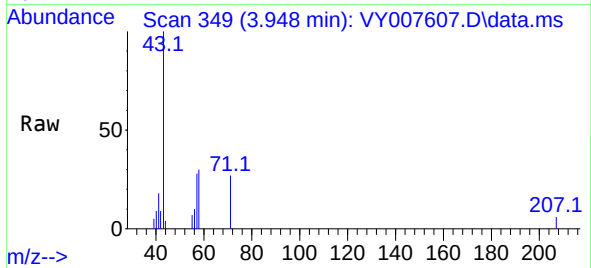




#16
Acetone
Concen: 21.548 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY007607.D
Acq: 23 Feb 2022 18:53

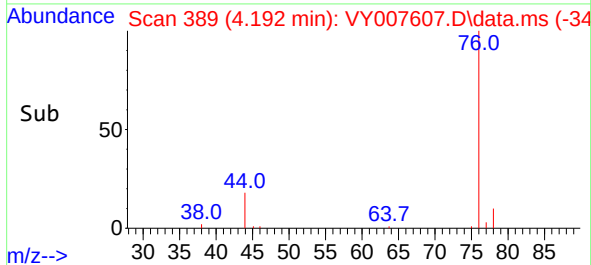
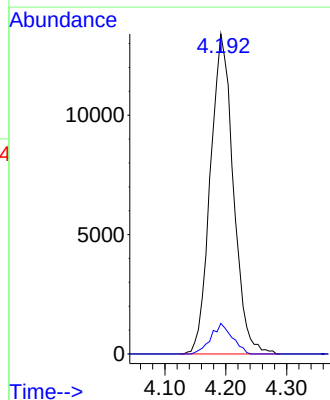
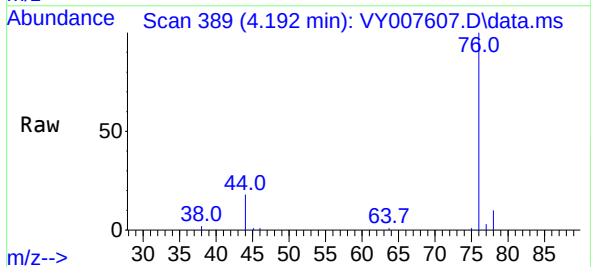
Instrument :
MSVOA_Y
ClientSampleId :
D12-12.5

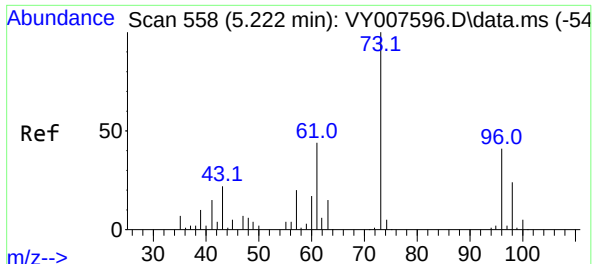
Tgt Ion: 43 Resp: 4943
Ion Ratio Lower Upper
43 100
58 29.9 22.0 33.0



#17
Carbon Disulfide
Concen: 13.836 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY007607.D
Acq: 23 Feb 2022 18:53

Tgt Ion: 76 Resp: 35166
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0





#19

Methyl tert-butyl Ether

Concen: 177.203 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY007607.D

Acq: 23 Feb 2022 18:53

Instrument :

MSVOA_Y

ClientSampleId :

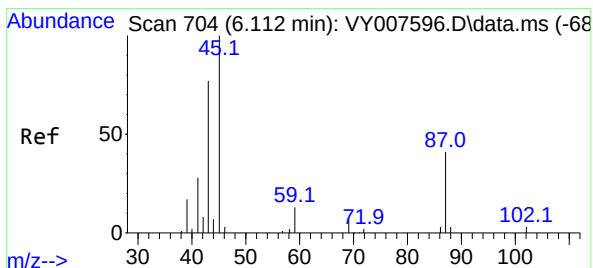
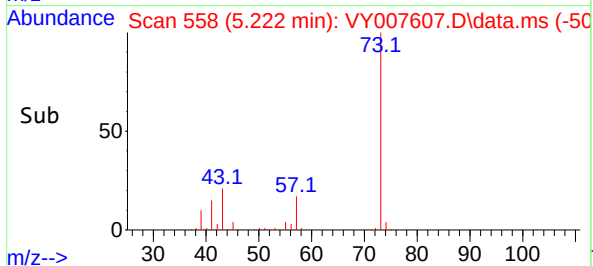
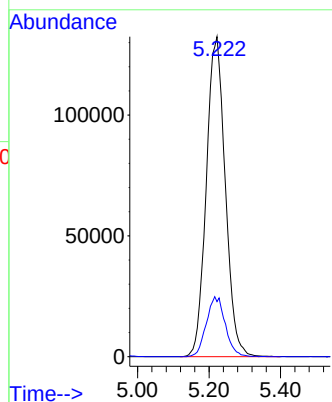
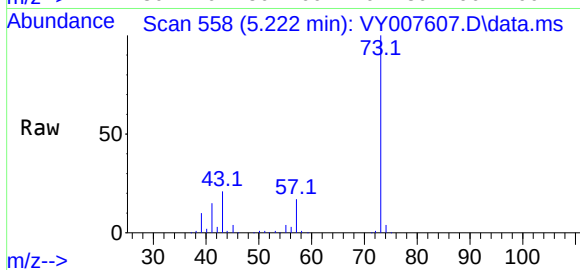
D12-12.5

Tgt Ion: 73 Resp: 487080

Ion Ratio Lower Upper

73 100

57 17.2 18.6 27.8#



#22

Diisopropyl ether

Concen: 2.941 ug/l

RT: 6.118 min Scan# 705

Delta R.T. 0.006 min

Lab File: VY007607.D

Acq: 23 Feb 2022 18:53

Tgt Ion: 45 Resp: 5843

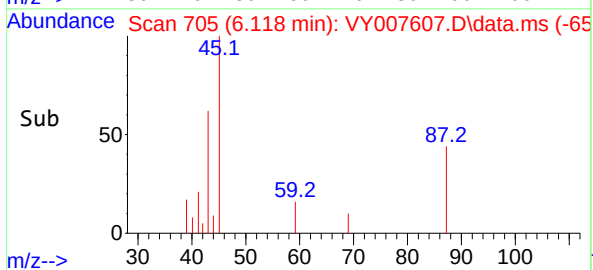
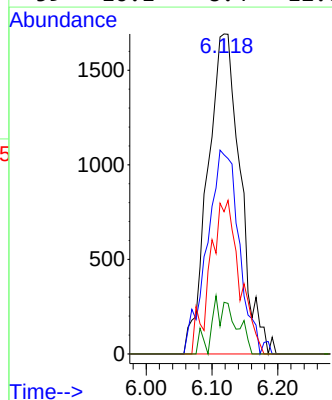
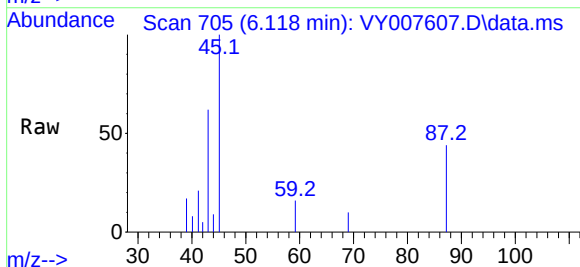
Ion Ratio Lower Upper

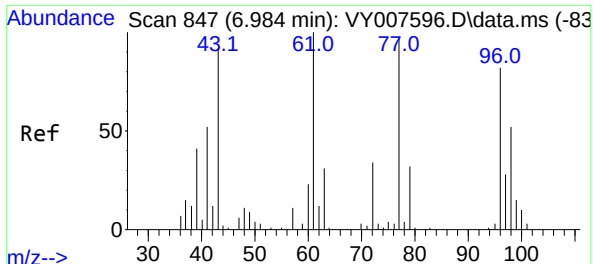
45 100

43 62.2 49.3 73.9

87 44.4 19.2 28.8#

59 16.1 8.4 12.6#

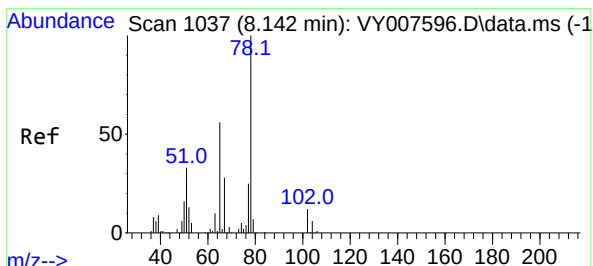
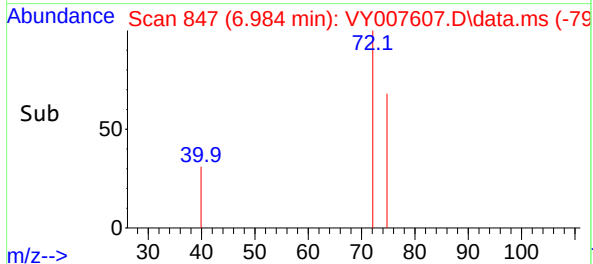
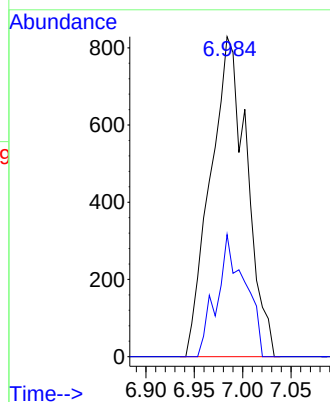
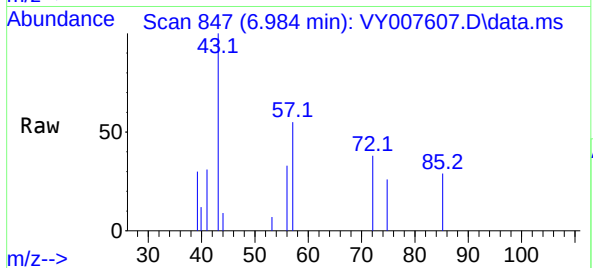




#25
2-Butanone
Concen: 8.317 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY007607.D
Acq: 23 Feb 2022 18:53

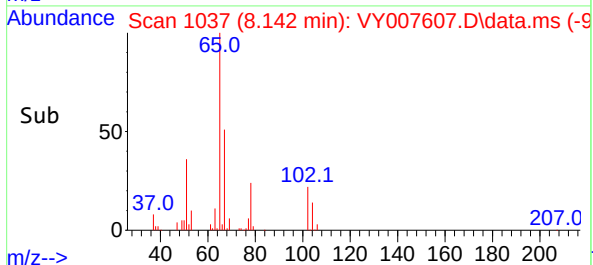
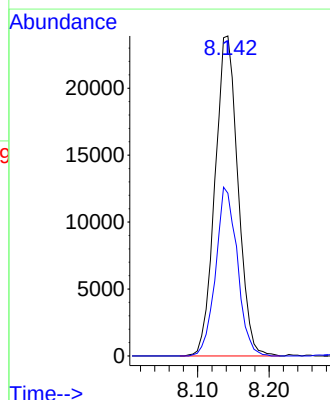
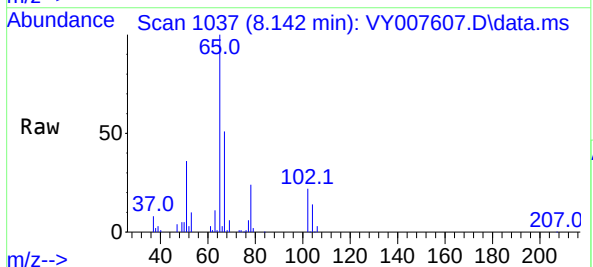
Instrument :
MSVOA_Y
ClientSampleId :
D12-12.5

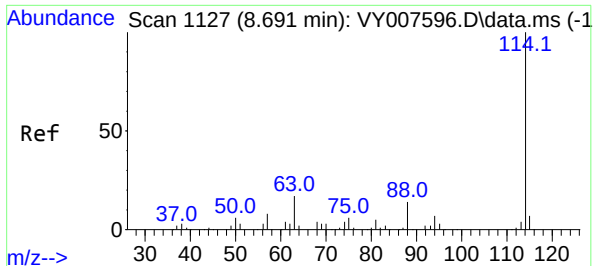
Tgt Ion: 43 Resp: 2163
Ion Ratio Lower Upper
43 100
72 38.1 17.7 26.5#



#33
1,2-Dichloroethane-d4
Concen: 53.005 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007607.D
Acq: 23 Feb 2022 18:53

Tgt Ion: 65 Resp: 53389
Ion Ratio Lower Upper
65 100
67 49.6 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: VY007607.D

Acq: 23 Feb 2022 18:53

Instrument :

MSVOA_Y

ClientSampleId :

D12-12.5

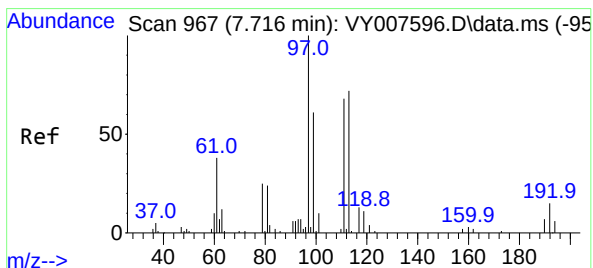
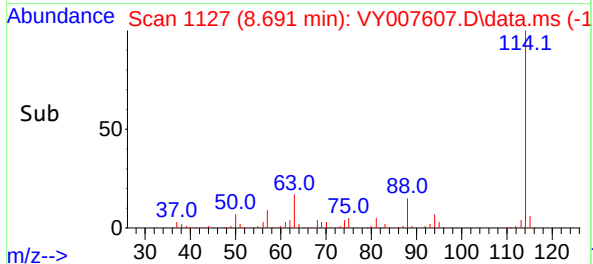
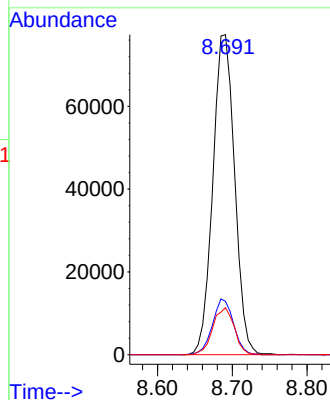
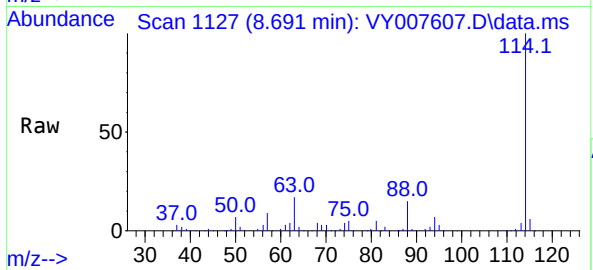
Tgt Ion:114 Resp: 157127

Ion Ratio Lower Upper

114 100

63 16.6 0.0 43.2

88 14.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 48.276 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.001 min

Lab File: VY007607.D

Acq: 23 Feb 2022 18:53

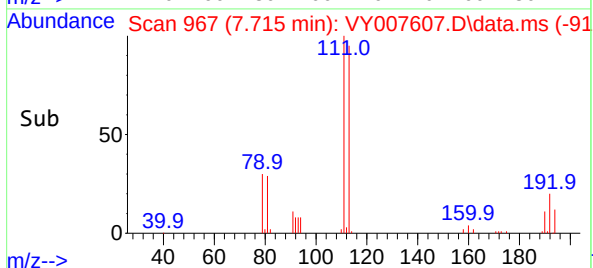
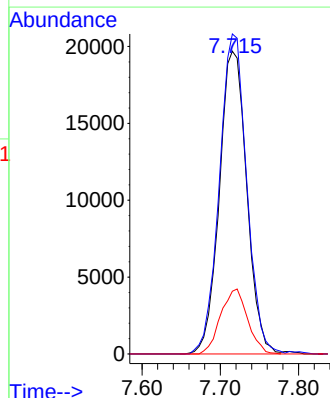
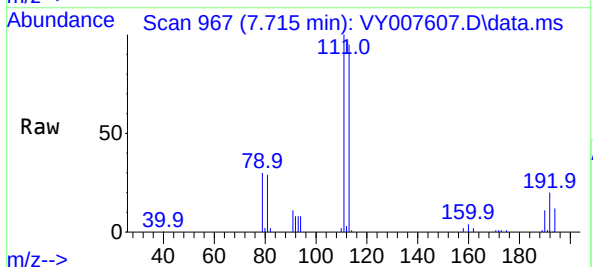
Tgt Ion:113 Resp: 47863

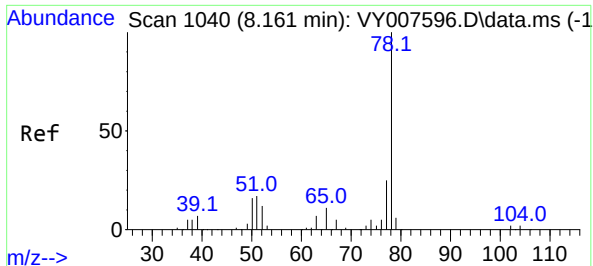
Ion Ratio Lower Upper

113 100

111 105.5 82.6 124.0

192 21.1 17.6 26.4

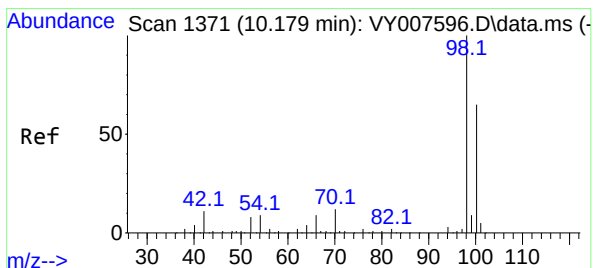
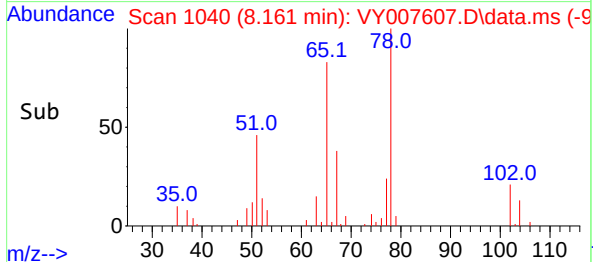
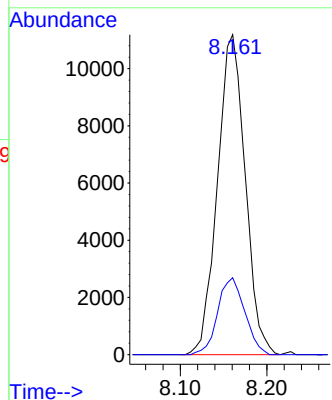
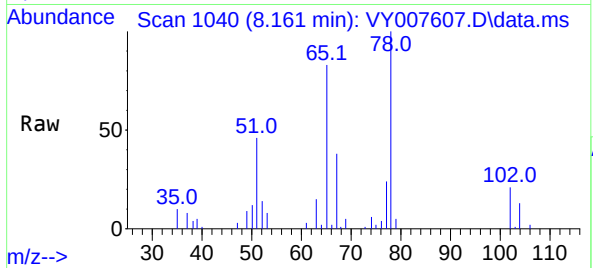




#40
Benzene
Concen: 6.106 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY007607.D
Acq: 23 Feb 2022 18:53

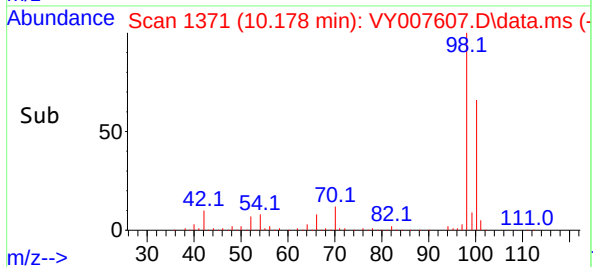
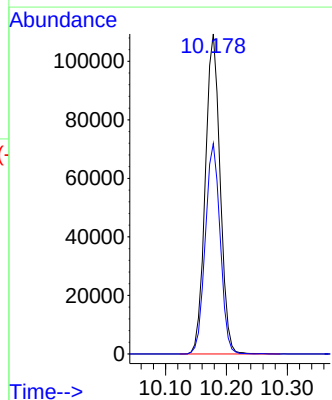
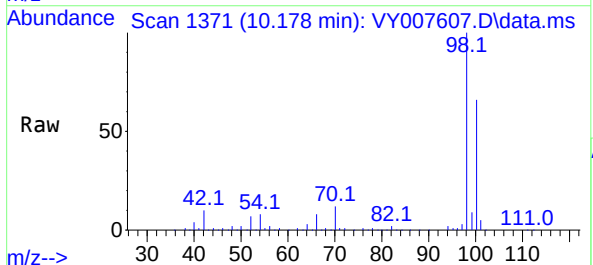
Instrument :
MSVOA_Y
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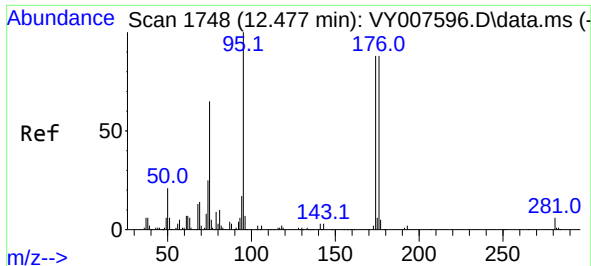
Tgt Ion: 78 Resp: 24892
Ion Ratio Lower Upper
78 100
77 24.1 20.4 30.6



#50
Toluene-d8
Concen: 50.356 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY007607.D
Acq: 23 Feb 2022 18:53

Tgt Ion: 98 Resp: 184821
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2

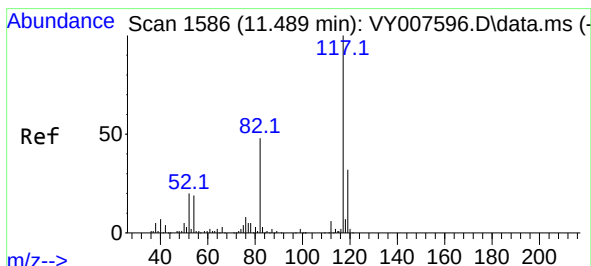
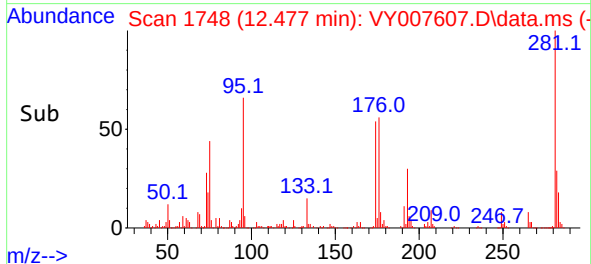
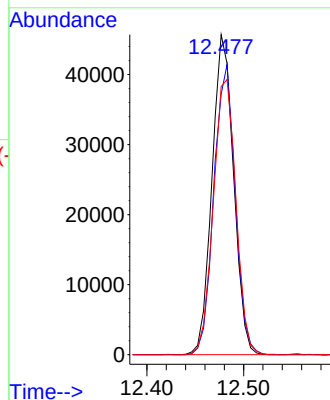
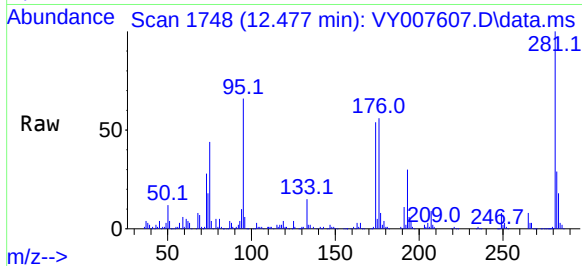




#62
4-Bromofluorobenzene
Concen: 56.449 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY007607.D
Acq: 23 Feb 2022 18:53

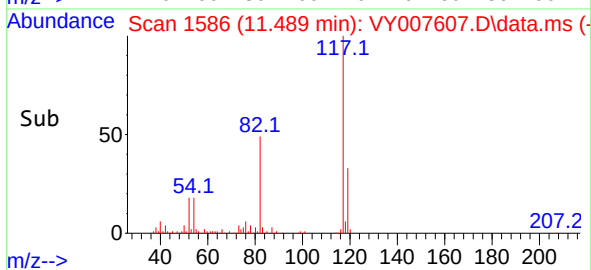
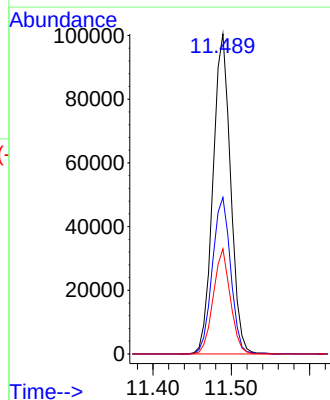
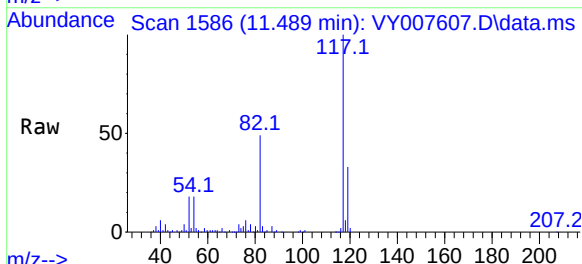
Instrument :
MSVOA_Y
ClientSampleId :
D12-12.5

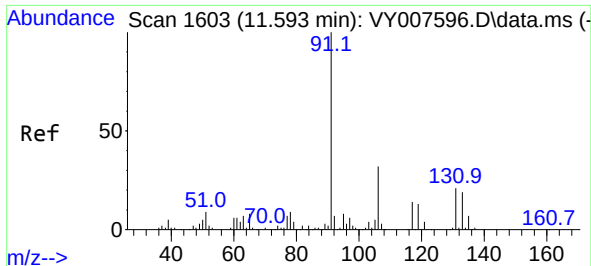
Tgt Ion:	95	Resp:	70767
Ion Ratio	Lower	Upper	
95	100		
174	89.6	0.0	177.0
176	90.0	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007607.D
Acq: 23 Feb 2022 18:53

Tgt Ion:	117	Resp:	157115
Ion Ratio	Lower	Upper	
117	100		
82	48.9	43.0	64.4
119	32.8	25.4	38.0

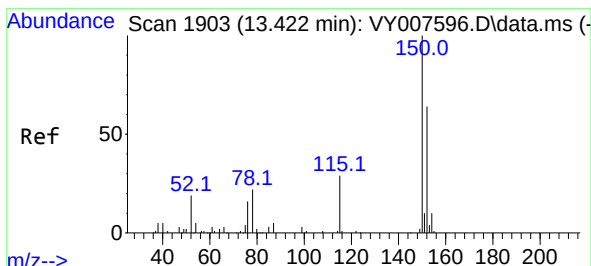
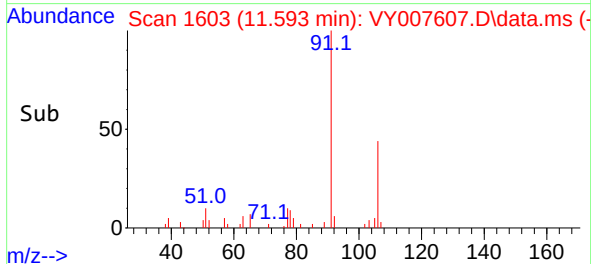
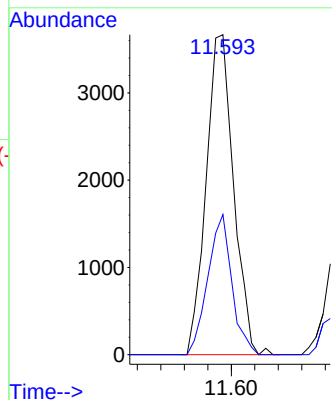
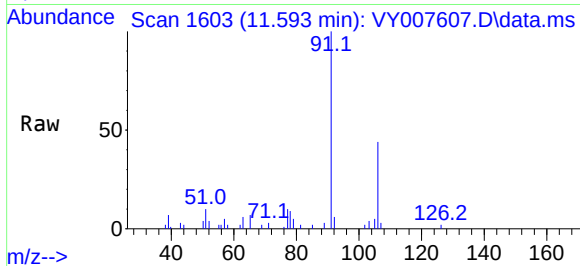




#67
Ethyl Benzene
Concen: 1.036 ug/l
RT: 11.593 min Scan# 11593
Delta R.T. -0.000 min
Lab File: VY007607.D
Acq: 23 Feb 2022 18:53

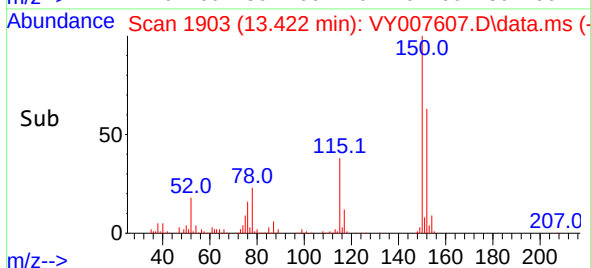
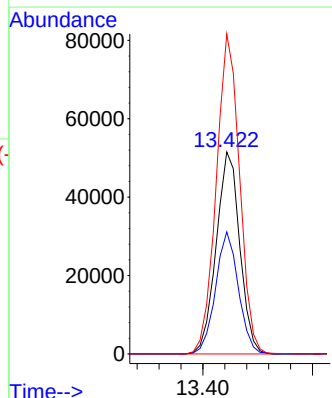
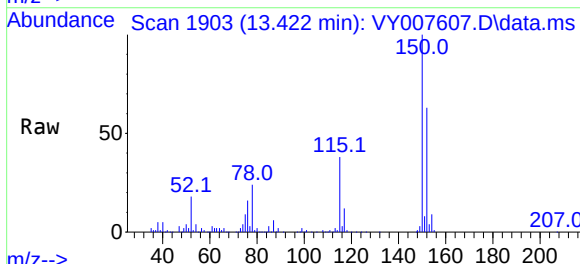
Instrument :
MSVOA_Y
ClientSampleId :
D12-12.5

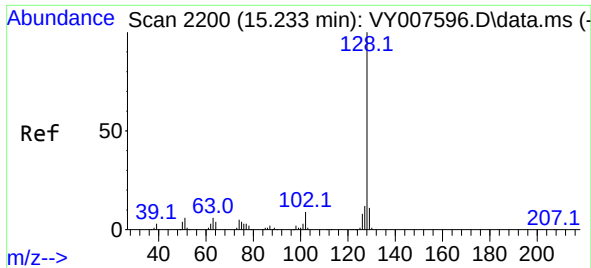
Tgt Ion: 91 Resp: 5951
Ion Ratio Lower Upper
91 100
106 43.8 24.5 36.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY007607.D
Acq: 23 Feb 2022 18:53

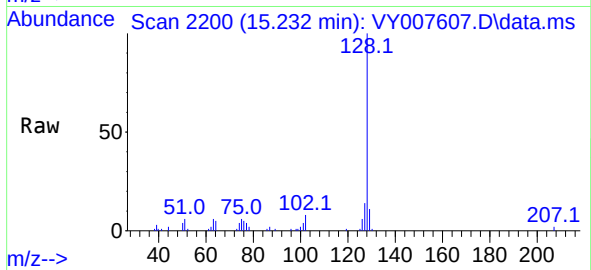
Tgt Ion:152 Resp: 76953
Ion Ratio Lower Upper
152 100
115 58.7 28.2 84.7
150 156.7 0.0 347.6





#95
Naphthalene
Concen: 3.854 ug/l
RT: 15.232 min Scan# 21
Delta R.T. -0.001 min
Lab File: VY007607.D
Acq: 23 Feb 2022 18:53

Instrument :
MSVOA_Y
ClientSampleId :
D12-12.5



Tgt Ion:128 Resp: 15041
Ion Ratio Lower Upper
128 100
127 12.5 11.0 16.4
129 10.8 8.4 12.6

