

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012822\
 Data File : VY007330.D
 Acq On : 28 Jan 2022 18:52
 Operator : SY/MD
 Sample : N1333-02
 Misc : 4.20g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2

Quant Time: Jan 31 00:31:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	102133	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	188695	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	182613	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	80721	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	64896	51.785	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.560%
35) Dibromofluoromethane	7.722	113	63684	49.912	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.820%
50) Toluene-d8	10.179	98	231384	49.630	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.260%
62) 4-Bromofluorobenzene	12.483	95	84254	50.804	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.600%

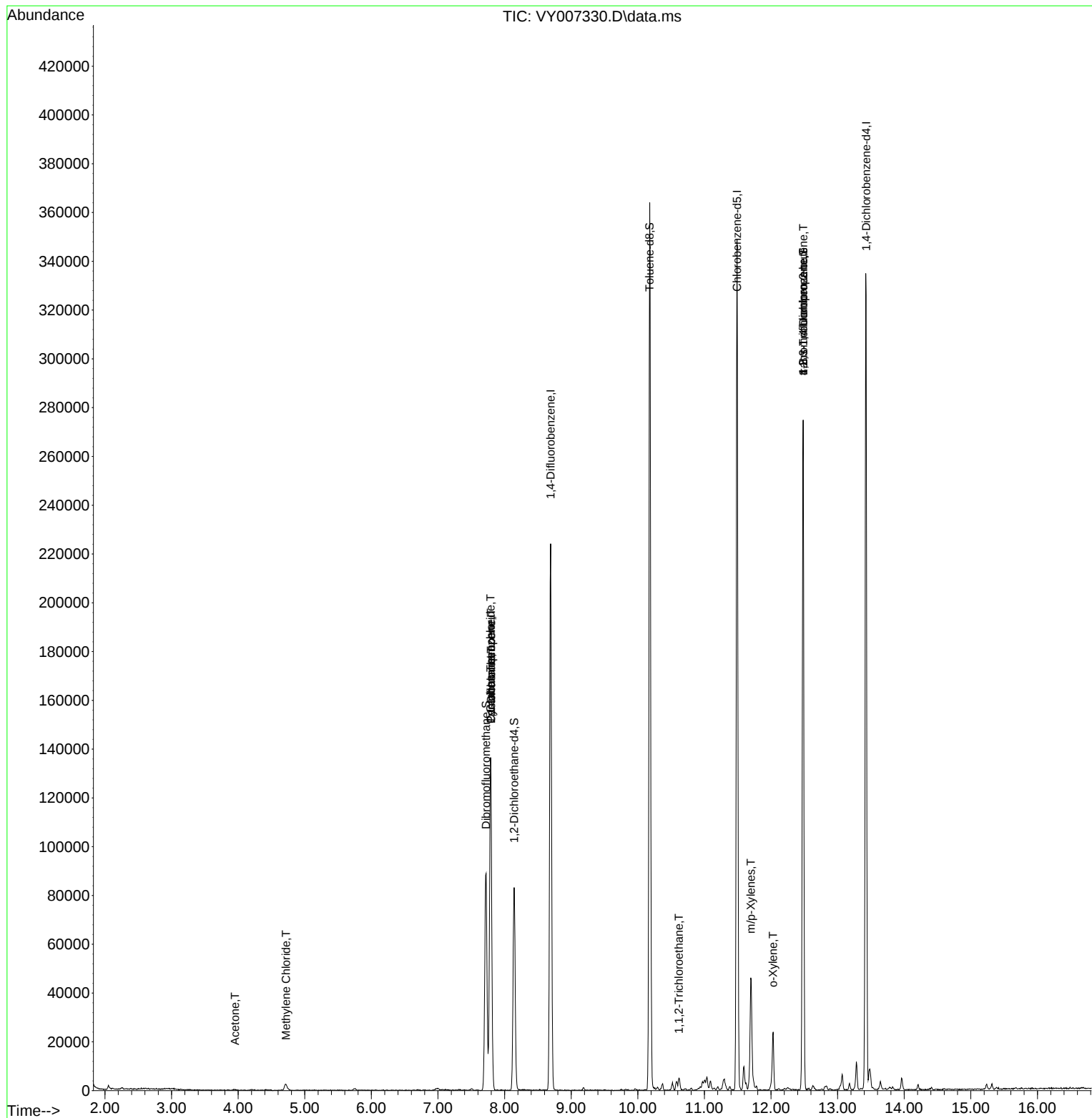
Target Compounds					Qvalue	
16) Acetone	3.954	43	613	1.885	ug/l #	51
20) Methylene Chloride	4.716	84	1786	1.328	ug/l	92
31) Cyclohexane	7.795	56	2133	1.007	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	8205	4.026	ug/l #	50
38) Carbon Tetrachloride	7.789	117	10660	4.973	ug/l #	16
55) 1,1,2-Trichloroethane	10.618	97	2142	1.932	ug/l #	21
68) m/p-Xylenes	11.697	106	13194	4.731	ug/l	96
69) o-Xylene	12.032	106	5939	2.261	ug/l	94
76) 1,2,3-Trichloropropane	12.483	75	45234	49.144	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	45234	89.970	ug/l #	3

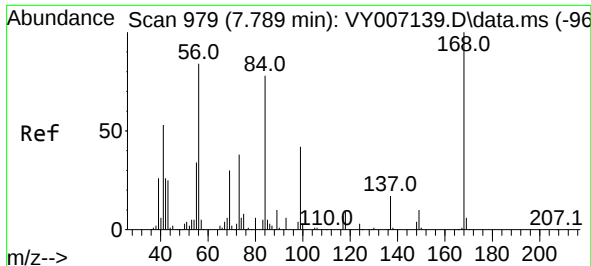
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012822\
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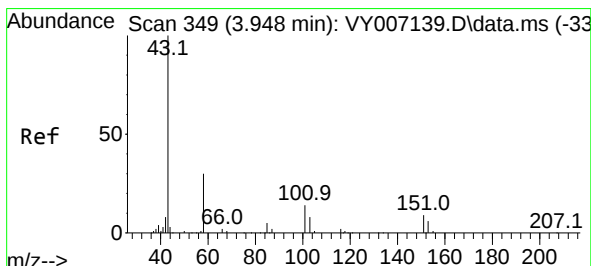
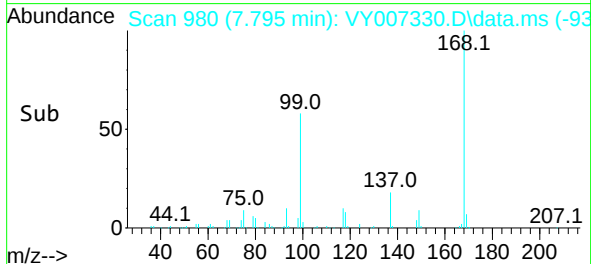
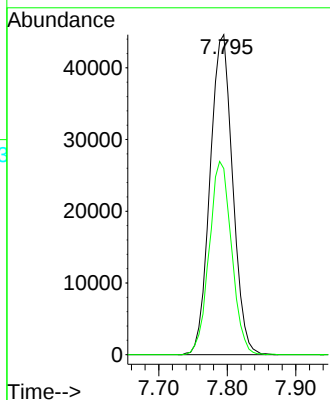
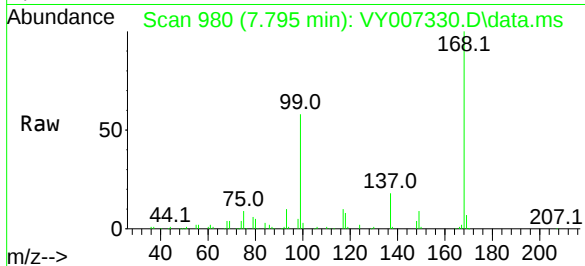




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007330.D
Acq: 28 Jan 2022 18:52

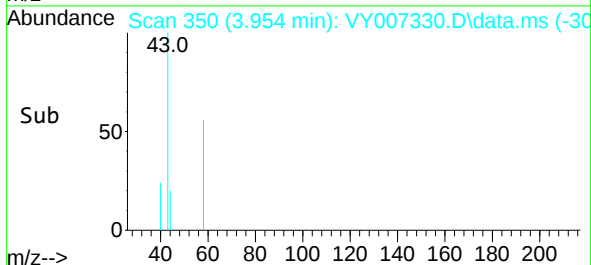
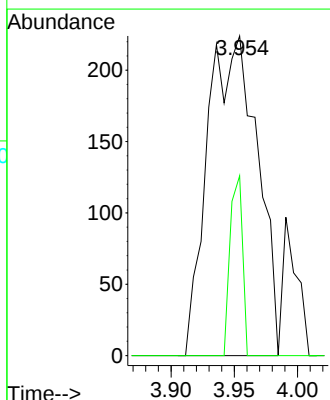
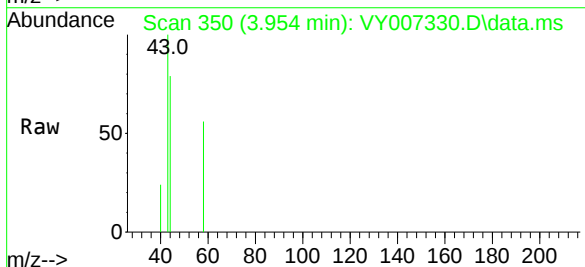
Instrument :
MSVOA_Y
ClientSampleId :
SB-2

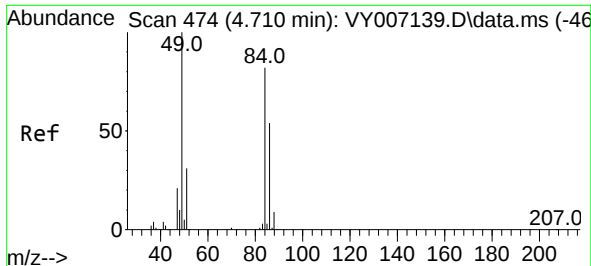
Tgt Ion:168 Resp: 102133
Ion Ratio Lower Upper
168 100
99 58.2 49.1 73.7



#16
Acetone
Concen: 1.885 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY007330.D
Acq: 28 Jan 2022 18:52

Tgt Ion: 43 Resp: 613
Ion Ratio Lower Upper
43 100
58 56.3 23.8 35.6#



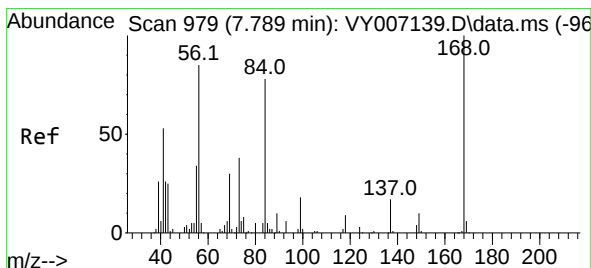
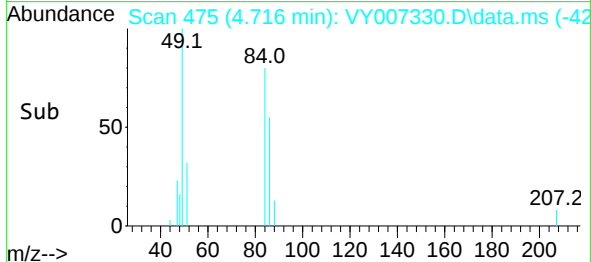
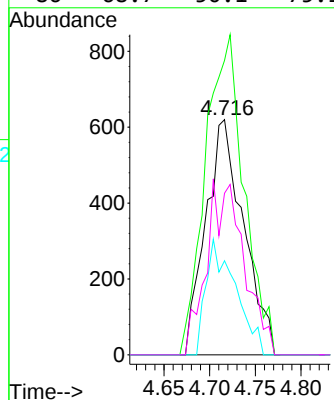
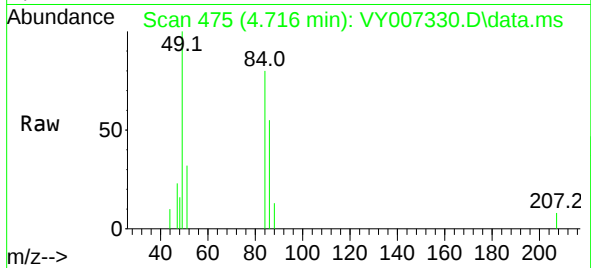


#20
Methylene Chloride
Concen: 1.328 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY007330.D
Acq: 28 Jan 2022 18:52

Instrument :
MSVOA_Y
ClientSampleId :
SB-2

Tgt Ion: 84 Resp: 1786

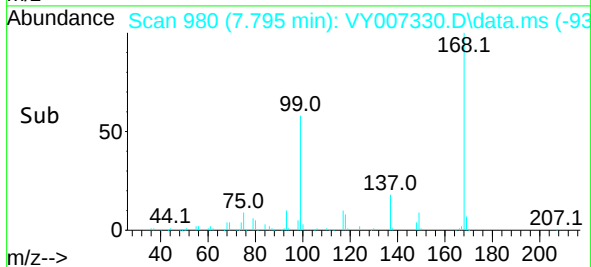
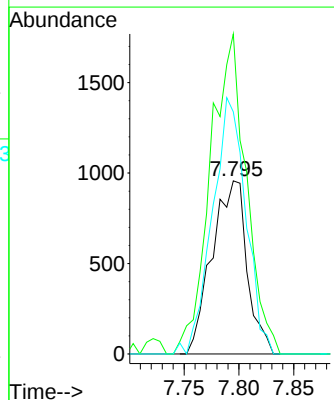
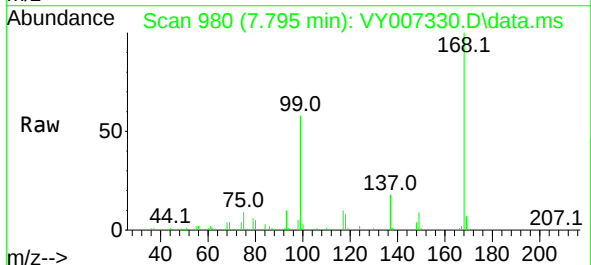
Ion	Ratio	Lower	Upper
84	100		
49	125.2	92.6	139.0
51	40.0	28.6	42.8
86	68.7	50.1	75.1

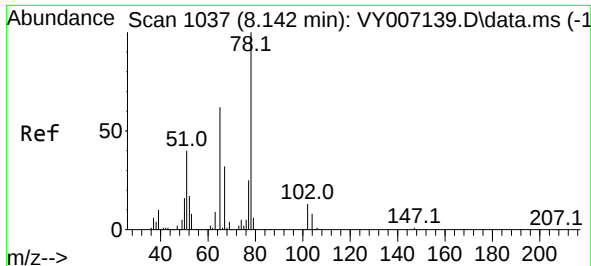


#31
Cyclohexane
Concen: 1.007 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY007330.D
Acq: 28 Jan 2022 18:52

Tgt Ion: 56 Resp: 2133

Ion	Ratio	Lower	Upper
56	100		
69	184.8	27.2	40.8#
84	139.8	72.1	108.1#

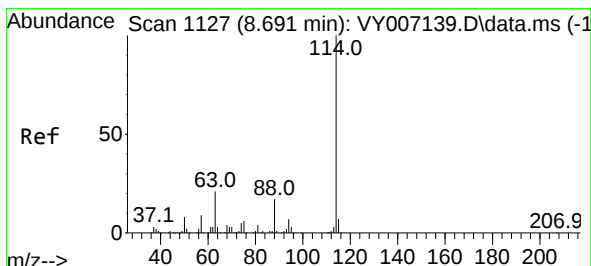
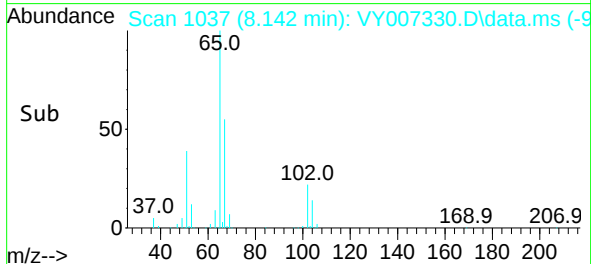
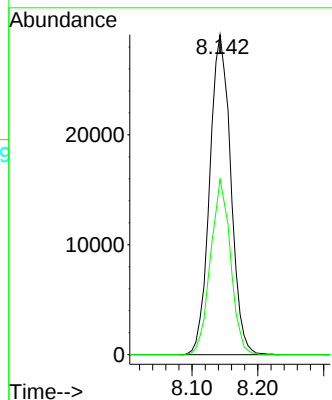
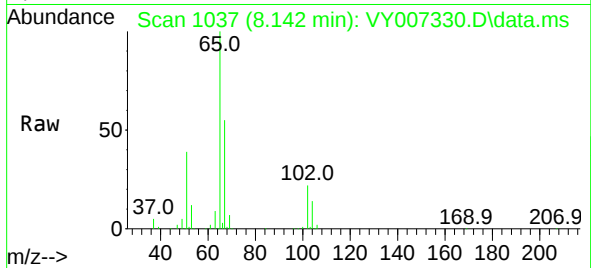




#33
1,2-Dichloroethane-d4
Concen: 51.785 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007330.D
Acq: 28 Jan 2022 18:52

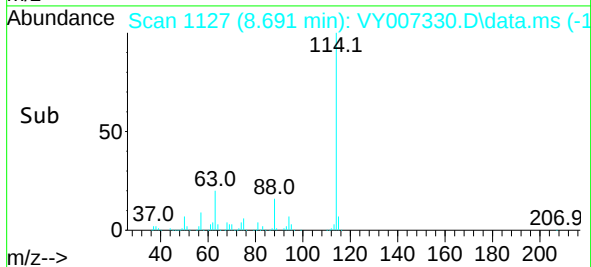
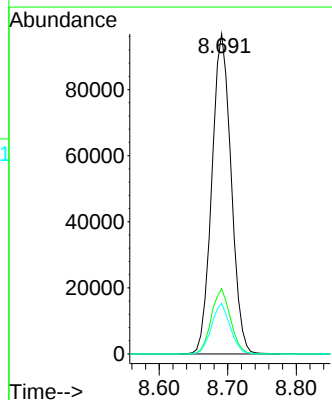
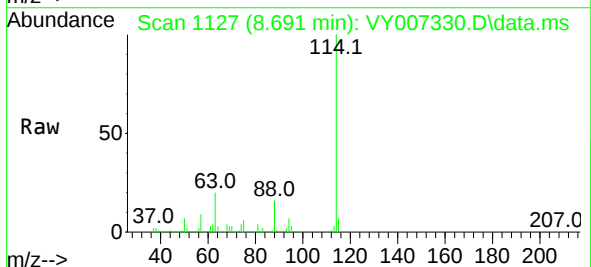
Instrument :
MSVOA_Y
ClientSampleId :
SB-2

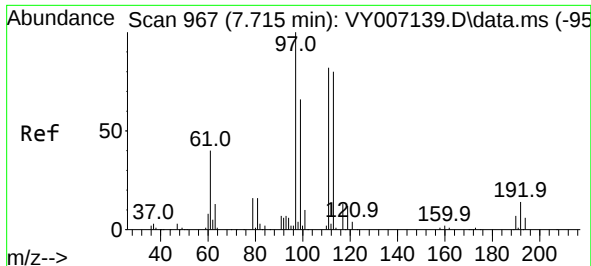
Tgt Ion: 65 Resp: 64896
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007330.D
Acq: 28 Jan 2022 18:52

Tgt Ion: 114 Resp: 188695
Ion Ratio Lower Upper
114 100
63 20.4 0.0 39.2
88 15.9 0.0 31.0

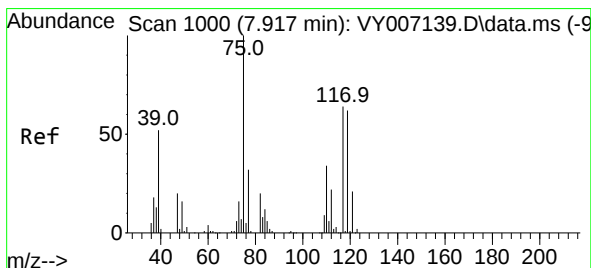
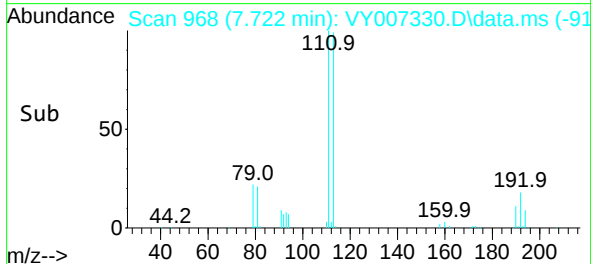
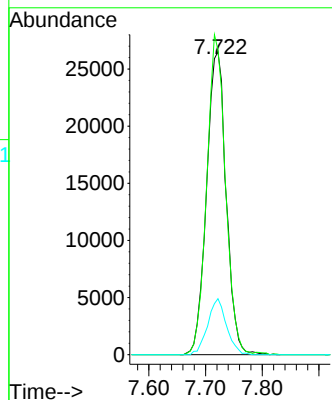
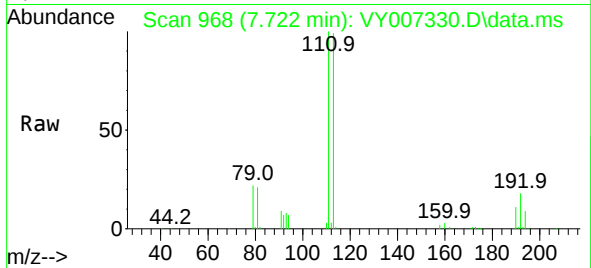




#35
Dibromofluoromethane
Concen: 49.912 ug/l
RT: 7.722 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY007330.D
Acq: 28 Jan 2022 18:52

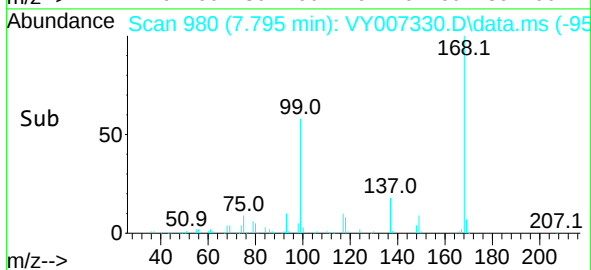
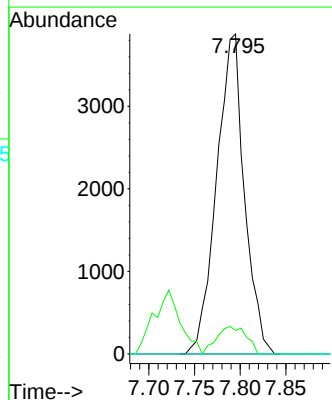
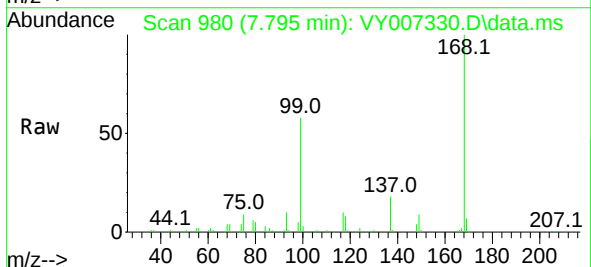
Instrument :
MSVOA_Y
ClientSampleId :
SB-2

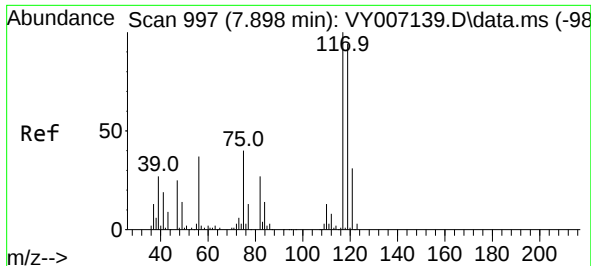
Tgt Ion:113 Resp: 63684
Ion Ratio Lower Upper
113 100
111 100.8 82.2 123.4
192 17.8 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.026 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY007330.D
Acq: 28 Jan 2022 18:52

Tgt Ion: 75 Resp: 8205
Ion Ratio Lower Upper
75 100
110 9.2 17.3 51.9#
77 0.0 24.7 37.1#

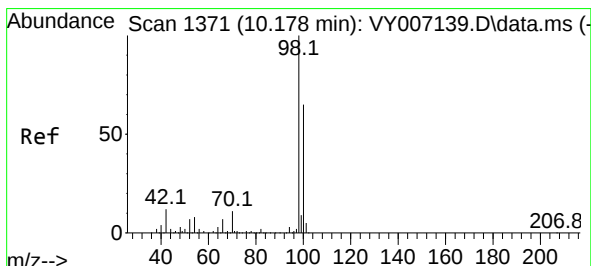
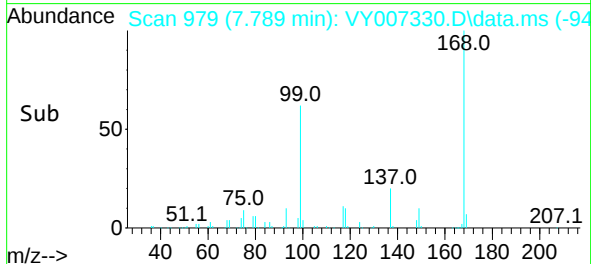
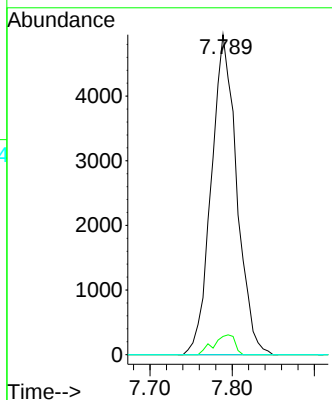
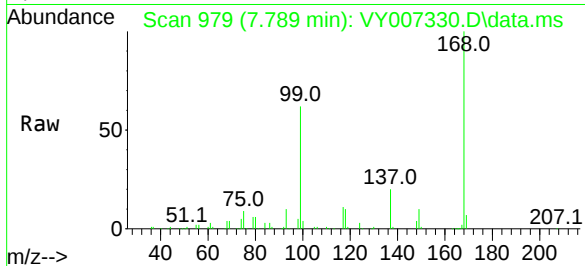




#38
Carbon Tetrachloride
Concen: 4.973 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY007330.D
Acq: 28 Jan 2022 18:52

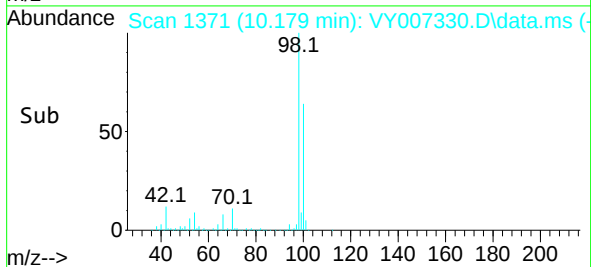
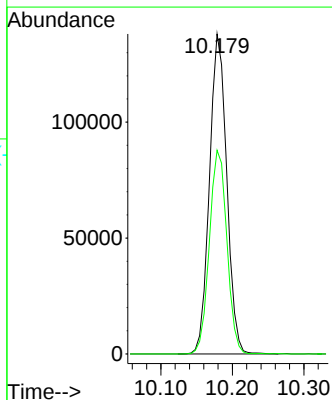
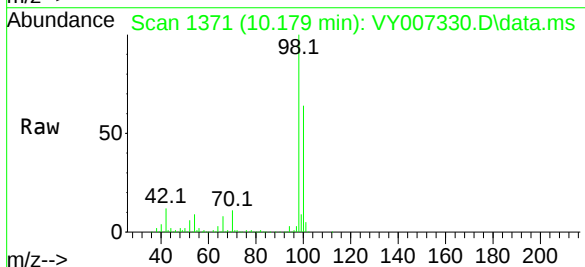
Instrument :
MSVOA_Y
ClientSampleId :
SB-2

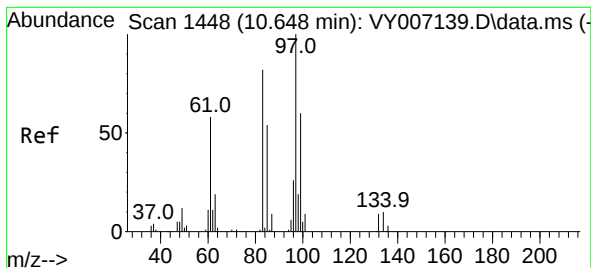
Tgt Ion:117 Resp: 10660
Ion Ratio Lower Upper
117 100
119 5.7 77.2 115.8#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.630 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY007330.D
Acq: 28 Jan 2022 18:52

Tgt Ion: 98 Resp: 231384
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.2





#55

1,1,2-Trichloroethane

Concen: 1.932 ug/l

RT: 10.618 min Scan# 1443

Delta R.T. -0.030 min

Lab File: VY007330.D

Acq: 28 Jan 2022 18:52

Instrument :

MSVOA_Y

ClientSampleId :

SB-2

Tgt Ion: 97 Resp: 2142

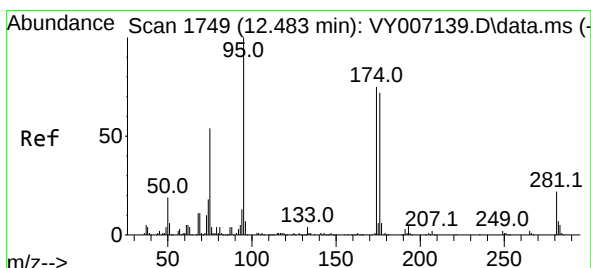
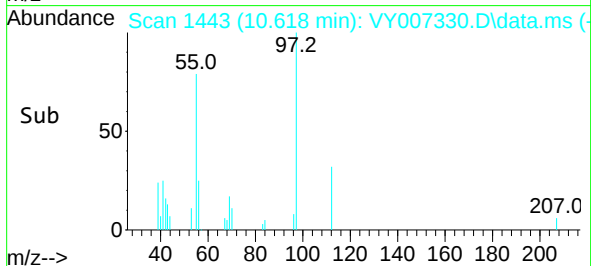
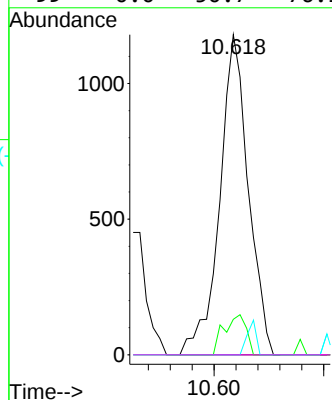
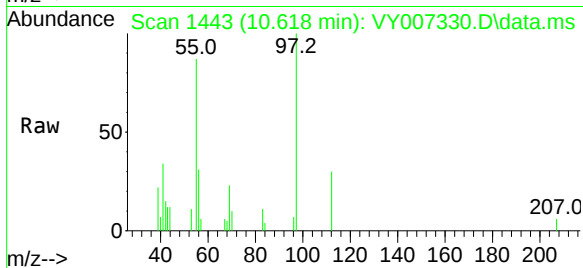
Ion Ratio Lower Upper

97 100

83 11.1 67.0 100.4#

85 0.0 41.2 61.8#

99 0.0 50.7 76.1#



#62

4-Bromofluorobenzene

Concen: 50.804 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY007330.D

Acq: 28 Jan 2022 18:52

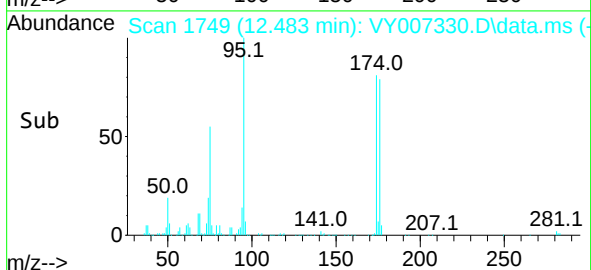
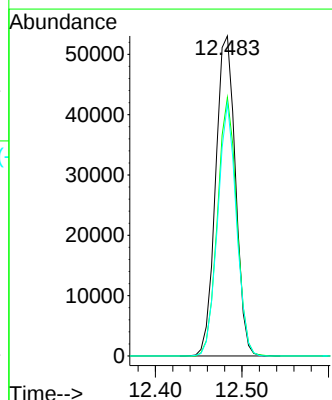
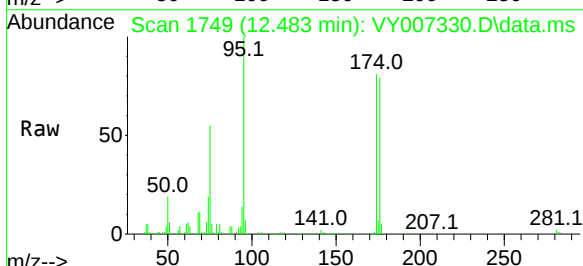
Tgt Ion: 95 Resp: 84254

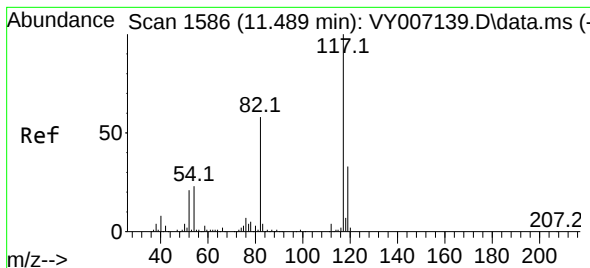
Ion Ratio Lower Upper

95 100

174 77.9 0.0 148.4

176 74.3 0.0 146.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY007330.D

Acq: 28 Jan 2022 18:52

Instrument :

MSVOA_Y

ClientSampleId :

SB-2

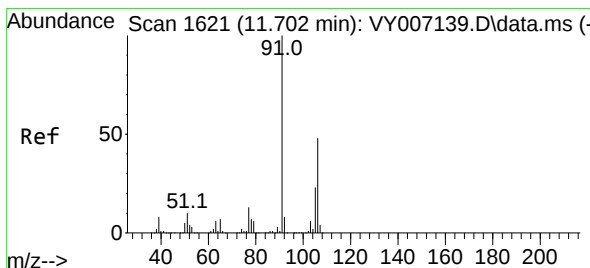
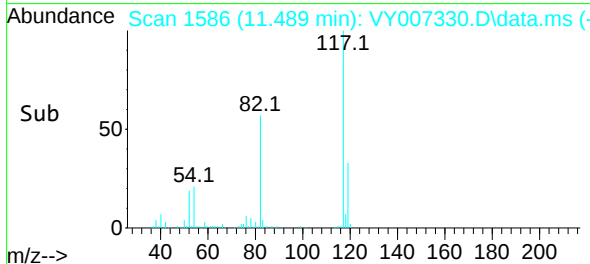
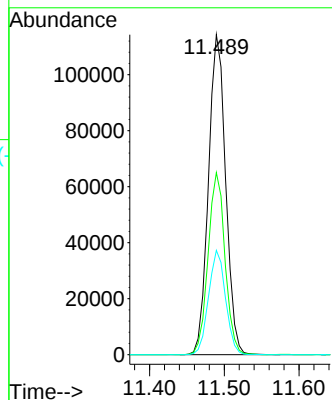
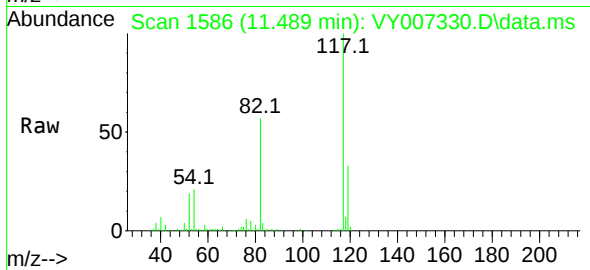
Tgt Ion:117 Resp: 182613

Ion Ratio Lower Upper

117 100

82 56.9 45.4 68.0

119 32.6 26.4 39.6



#68

m/p-Xylenes

Concen: 4.731 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY007330.D

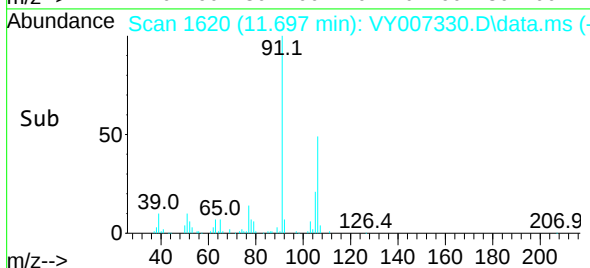
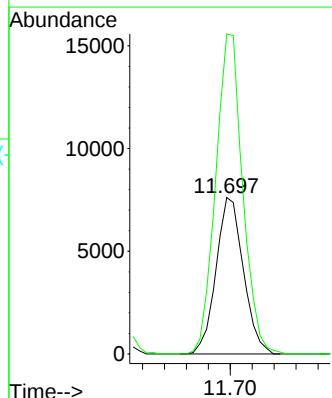
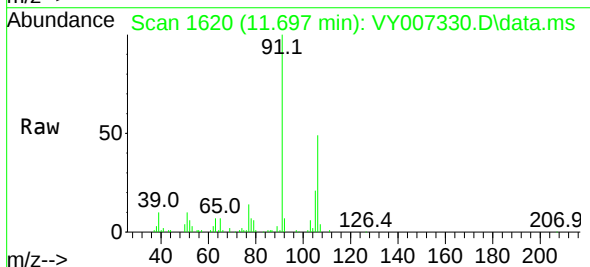
Acq: 28 Jan 2022 18:52

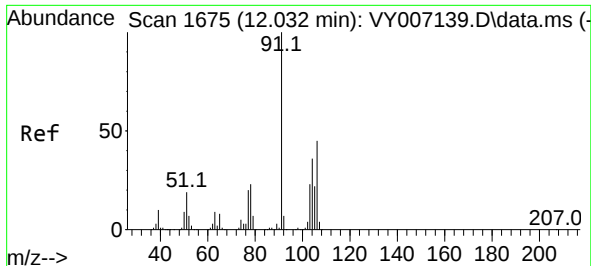
Tgt Ion:106 Resp: 13194

Ion Ratio Lower Upper

106 100

91 202.5 167.1 250.7

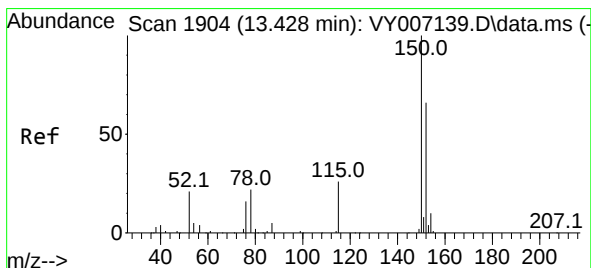
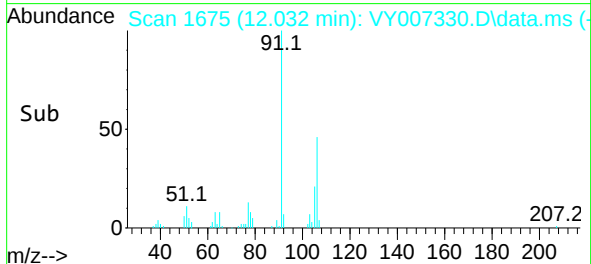
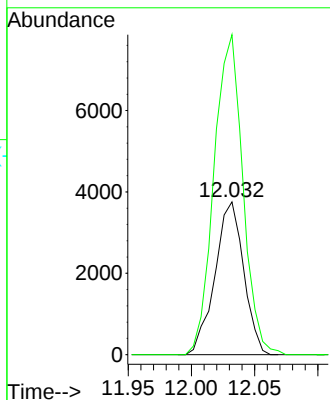
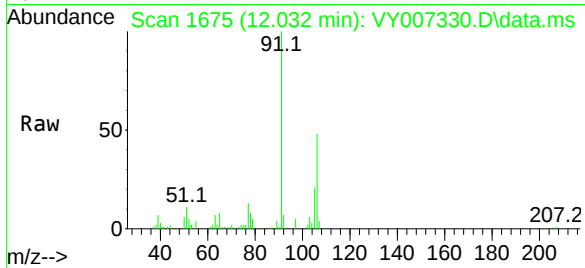




#69
o-Xylene
Concen: 2.261 ug/l
RT: 12.032 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY007330.D
Acq: 28 Jan 2022 18:52

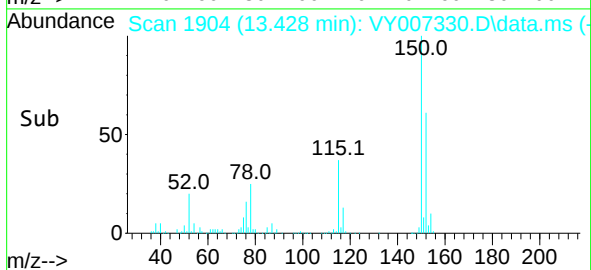
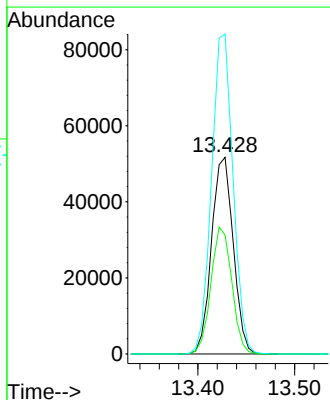
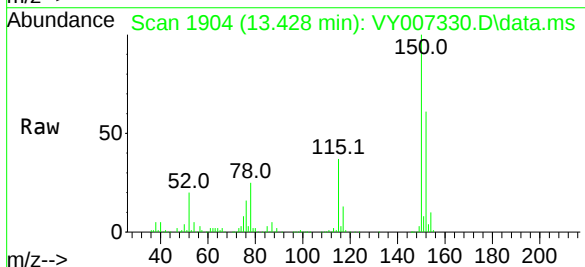
Instrument :
MSVOA_Y
ClientSampleId :
SB-2

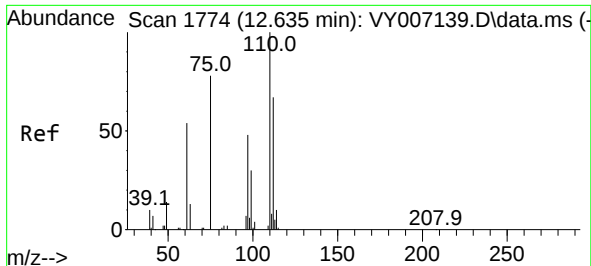
Tgt Ion:106 Resp: 5939
Ion Ratio Lower Upper
106 100
91 210.0 109.9 329.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY007330.D
Acq: 28 Jan 2022 18:52

Tgt Ion:152 Resp: 80721
Ion Ratio Lower Upper
152 100
115 62.1 31.4 94.0
150 160.6 0.0 348.4

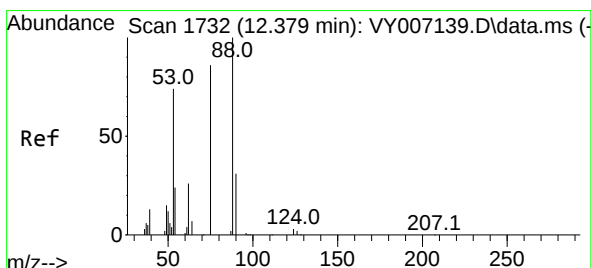
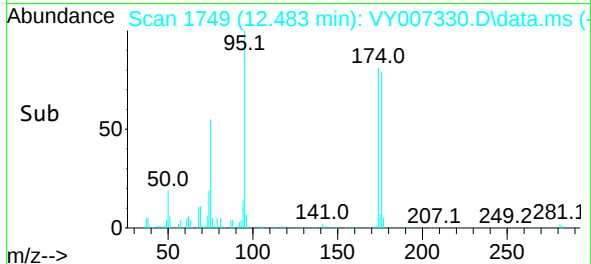
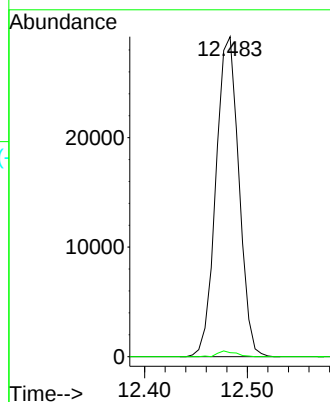
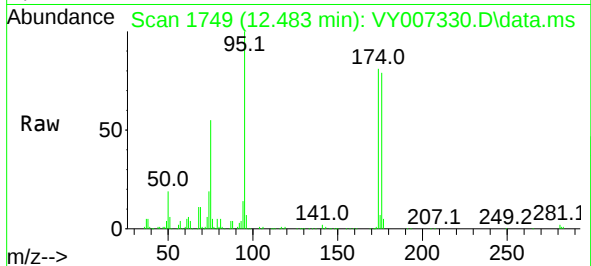




#76
1,2,3-Trichloropropane
Concen: 49.144 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY007330.D
Acq: 28 Jan 2022 18:52

Instrument :
MSVOA_Y
ClientSampleId :
SB-2

Tgt Ion: 75 Resp: 45234
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.970 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY007330.D
Acq: 28 Jan 2022 18:52

Tgt Ion: 75 Resp: 45234
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 0.1 0.0 0.0#

