

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012122\
 Data File : VY007258.D
 Acq On : 21 Jan 2022 17:16
 Operator : SY/MD
 Sample : N1235-04
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

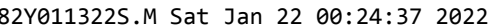
Quant Time: Jan 22 00:24:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	2484	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	4836	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	4718	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1507	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	2566	84.189	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 168.380%#	
35) Dibromofluoromethane	7.734	113	1975	60.397	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 120.800%	
50) Toluene-d8	10.191	98	6190	51.806	ug/l	0.01
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.620%	
62) 4-Bromofluorobenzene	12.489	95	2040	47.997	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.000%	
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	51	6.447	ug/l #	45
36) 1,1-Dichloropropene	7.795	75	199	3.810	ug/l #	42
38) Carbon Tetrachloride	7.795	117	265	4.824	ug/l #	12
76) 1,2,3-Trichloropropane	12.489	75	1141	66.400	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	1141	121.560	ug/l #	3

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

Quant Time: Jan 22 00:24:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
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QLast Update : Fri Jan 14 05:48:29 2022
Response via : Initial Calibration

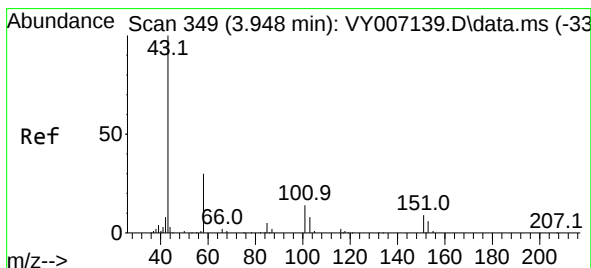
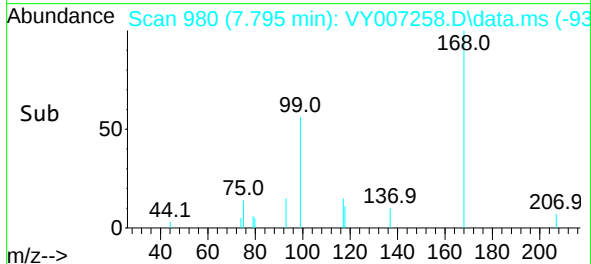
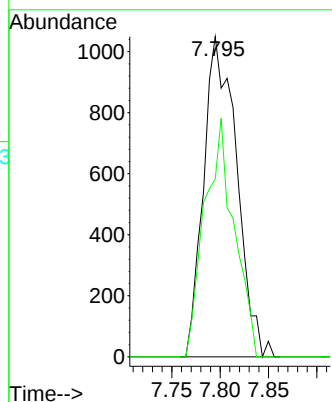
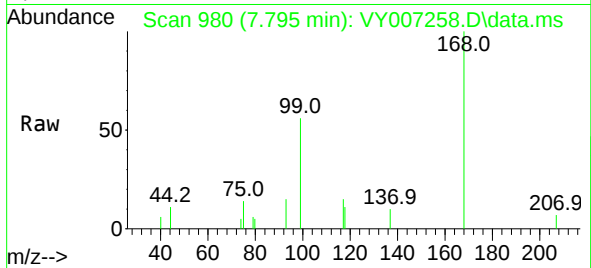




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007258.D
Acq: 21 Jan 2022 17:16

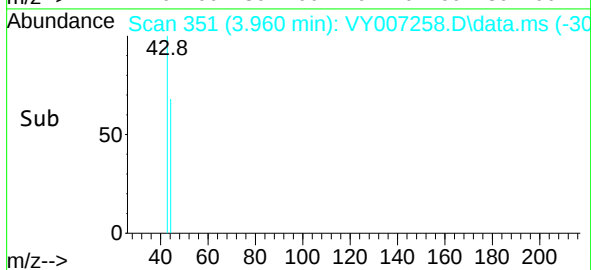
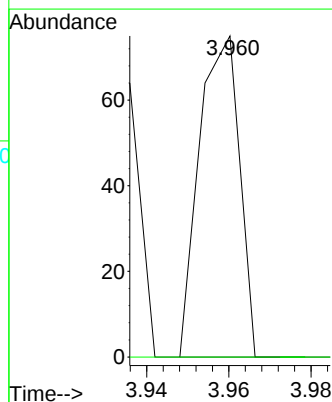
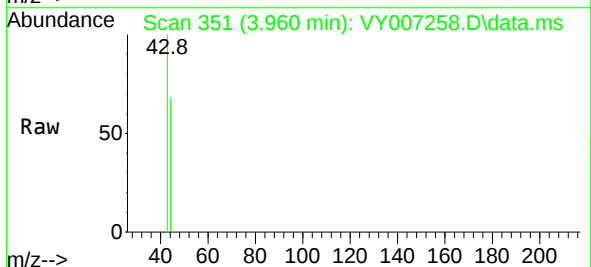
Instrument :
MSVOA_Y
ClientSampleId :

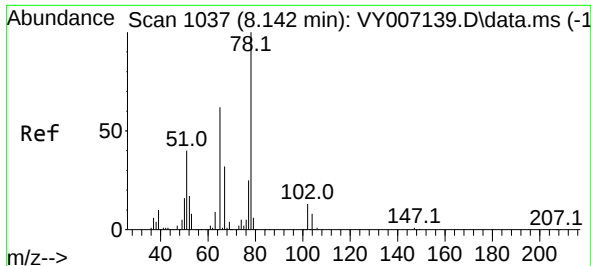
Tgt Ion:168 Resp: 2484
Ion Ratio Lower Upper
168 100
99 55.6 49.1 73.7



#16
Acetone
Concen: 6.447 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY007258.D
Acq: 21 Jan 2022 17:16

Tgt Ion: 43 Resp: 51
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.6#

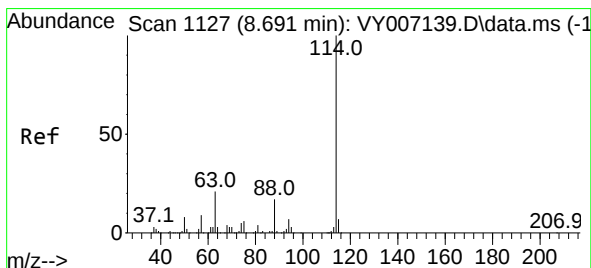
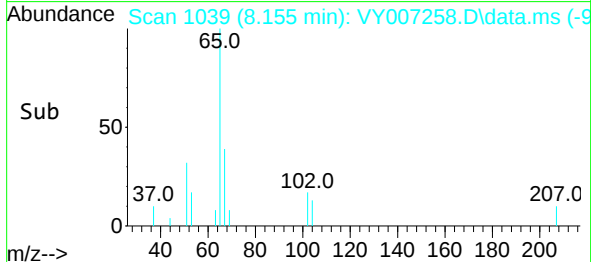
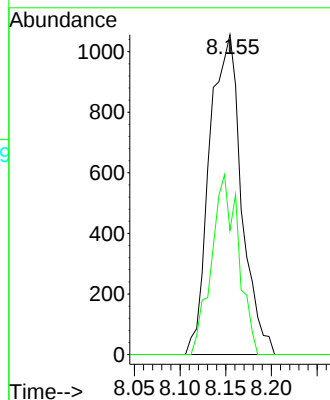
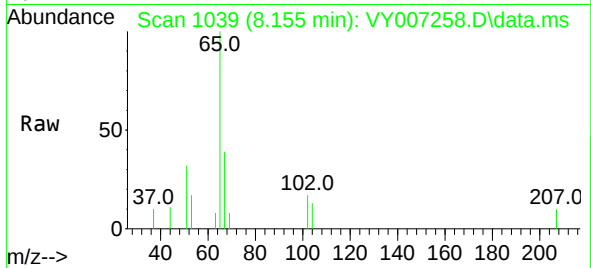




#33
1,2-Dichloroethane-d4
Concen: 84.189 ug/l
RT: 8.155 min Scan# 110
Delta R.T. 0.012 min
Lab File: VY007258.D
Acq: 21 Jan 2022 17:16

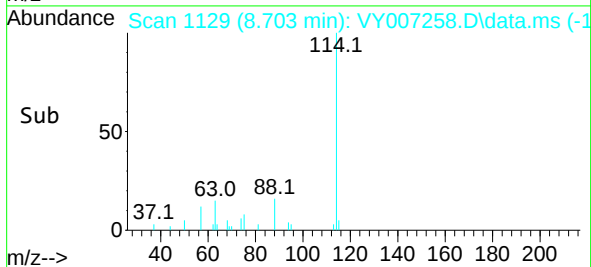
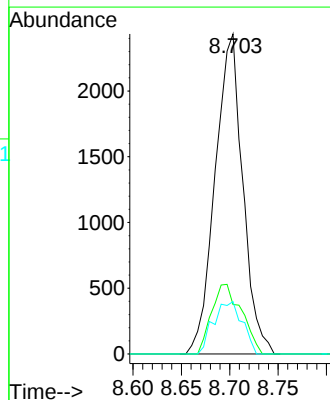
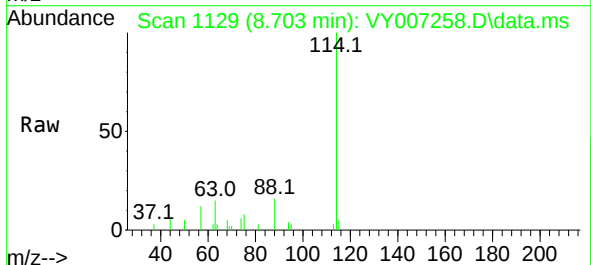
Instrument :
MSVOA_Y
ClientSampleId :

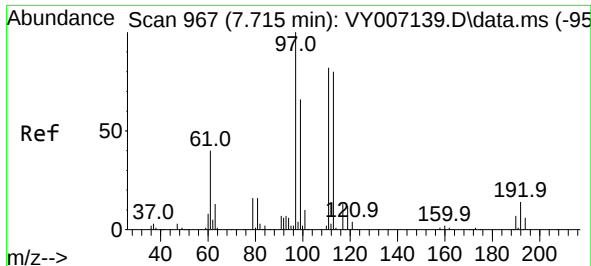
Tgt Ion: 65 Resp: 2566
Ion Ratio Lower Upper
65 100
67 47.5 0.0 105.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. 0.012 min
Lab File: VY007258.D
Acq: 21 Jan 2022 17:16

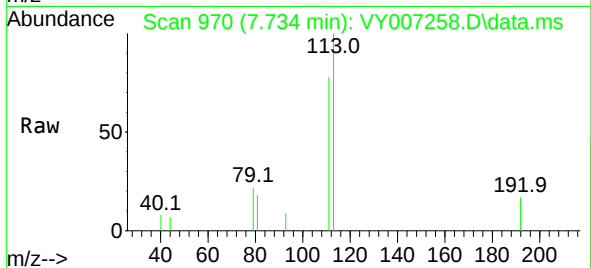
Tgt Ion: 114 Resp: 4836
Ion Ratio Lower Upper
114 100
63 15.4 0.0 39.2
88 16.4 0.0 31.0



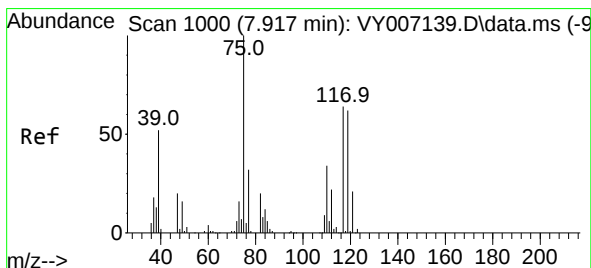
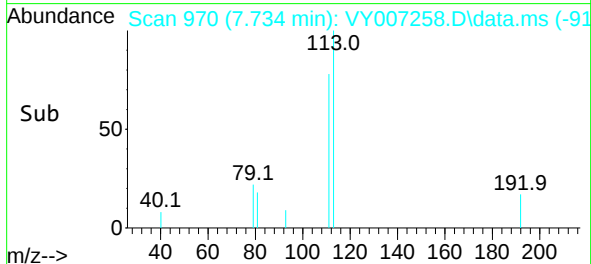
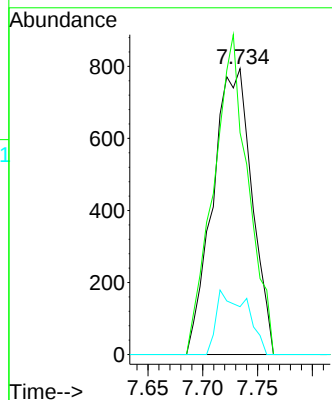


#35
Dibromofluoromethane
Concen: 60.397 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.019 min
Lab File: VY007258.D
Acq: 21 Jan 2022 17:16

Instrument :
MSVOA_Y
ClientSampleId :

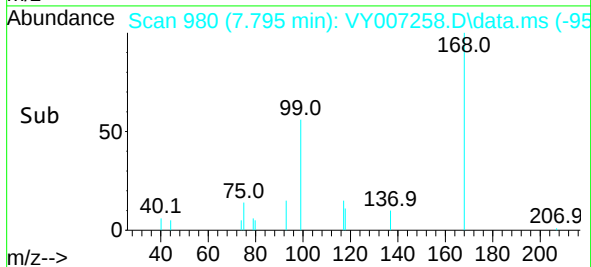
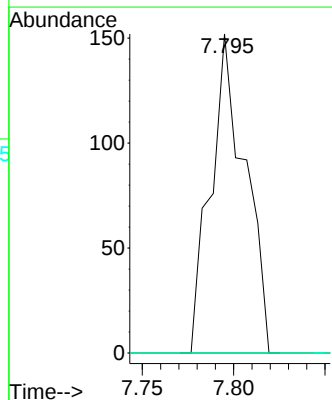
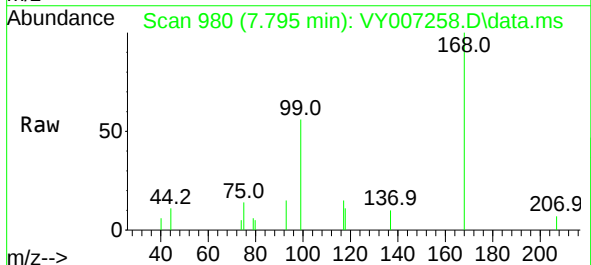


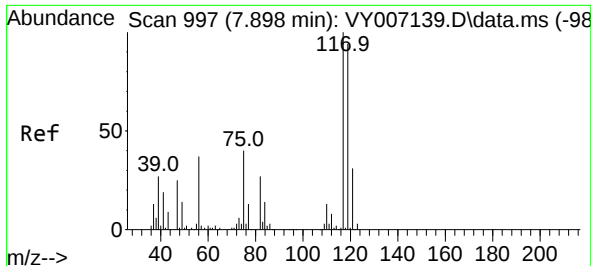
Tgt Ion:113 Resp: 1975
Ion Ratio Lower Upper
113 100
111 98.9 82.2 123.4
192 17.5 14.2 21.4



#36
1,1-Dichloropropene
Concen: 3.810 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY007258.D
Acq: 21 Jan 2022 17:16

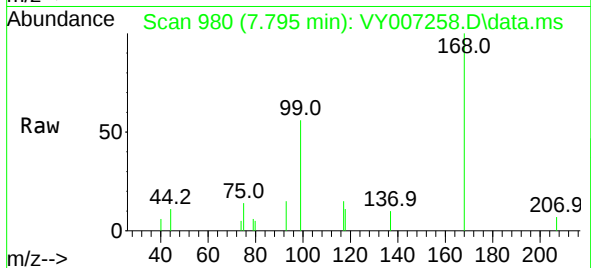
Tgt Ion: 75 Resp: 199
Ion Ratio Lower Upper
75 100
110 0.0 17.3 51.9#
77 0.0 24.7 37.1#



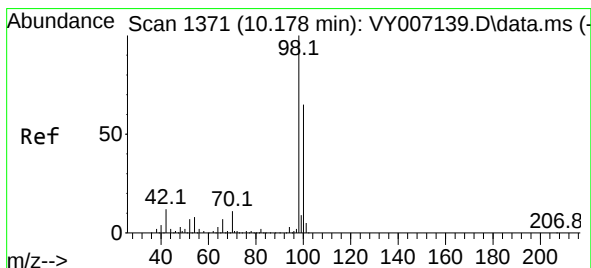
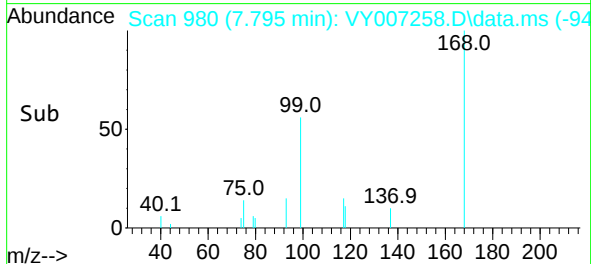
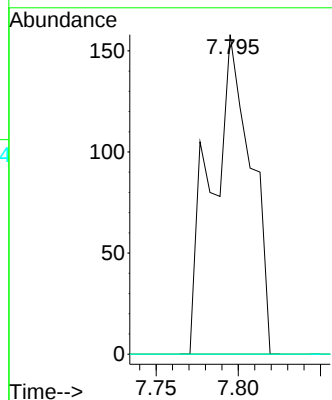


#38
Carbon Tetrachloride
Concen: 4.824 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY007258.D
Acq: 21 Jan 2022 17:16

Instrument :
MSVOA_Y
ClientSampleId :

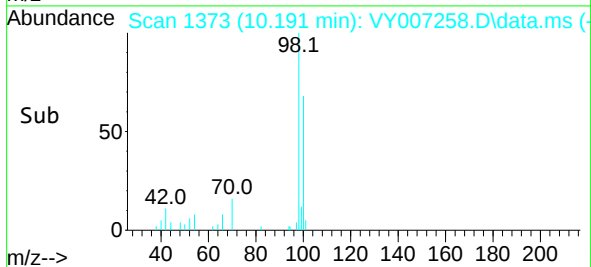
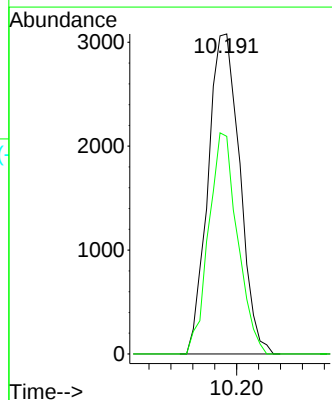
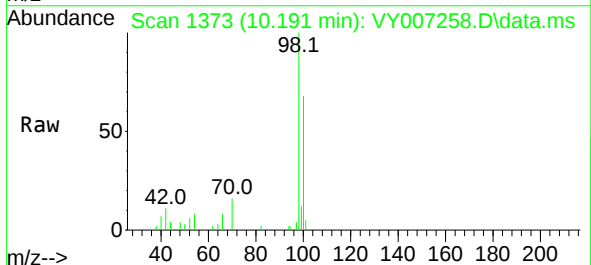


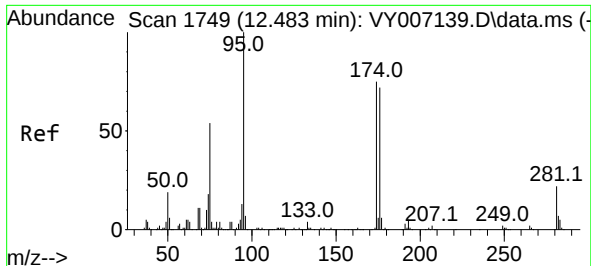
Tgt Ion:117 Resp: 265
Ion Ratio Lower Upper
117 100
119 0.0 77.2 115.8#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 51.806 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.013 min
Lab File: VY007258.D
Acq: 21 Jan 2022 17:16

Tgt Ion: 98 Resp: 6190
Ion Ratio Lower Upper
98 100
100 62.8 52.2 78.2





#62

4-Bromofluorobenzene

Concen: 47.997 ug/l

RT: 12.489 min Scan# 1

Delta R.T. 0.006 min

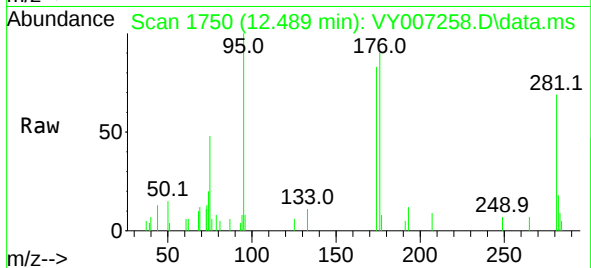
Lab File: VY007258.D

Acq: 21 Jan 2022 17:16

Instrument :

MSVOA_Y

ClientSampleId :



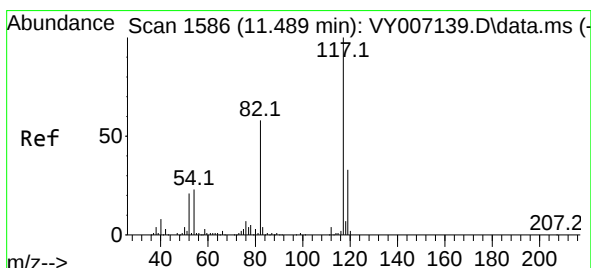
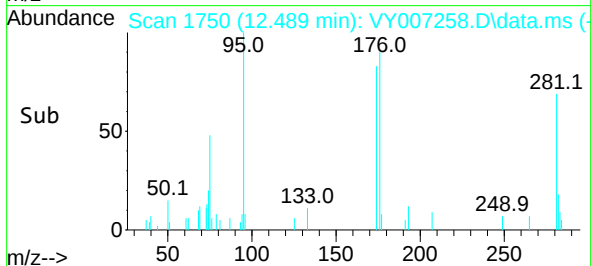
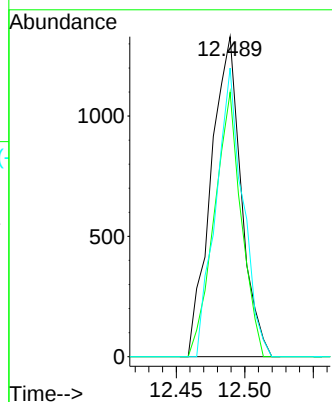
Tgt Ion: 95 Resp: 2040

Ion Ratio Lower Upper

95 100

174 73.8 0.0 148.4

176 80.5 0.0 146.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 1587

Delta R.T. 0.006 min

Lab File: VY007258.D

Acq: 21 Jan 2022 17:16

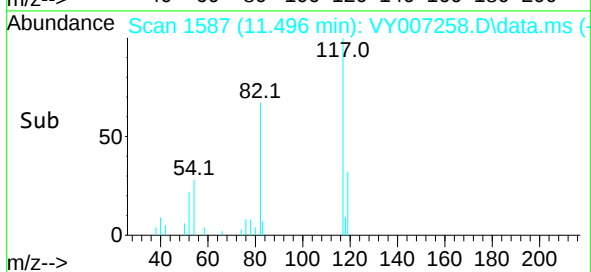
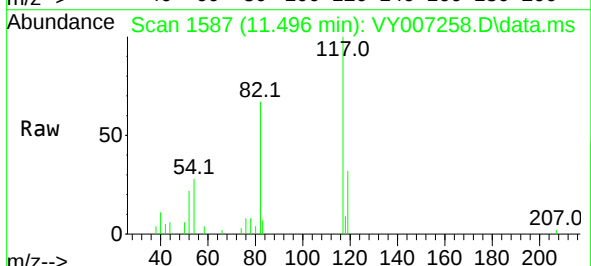
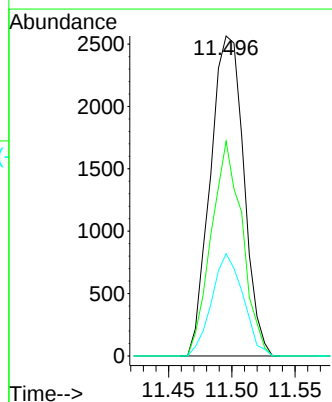
Tgt Ion: 117 Resp: 4718

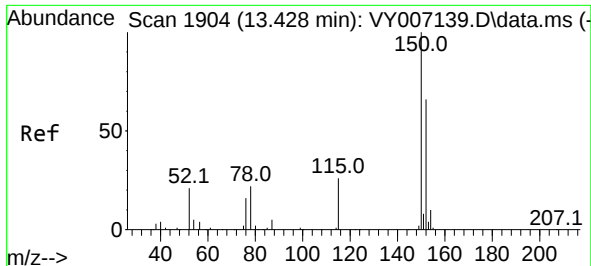
Ion Ratio Lower Upper

117 100

82 67.1 45.4 68.0

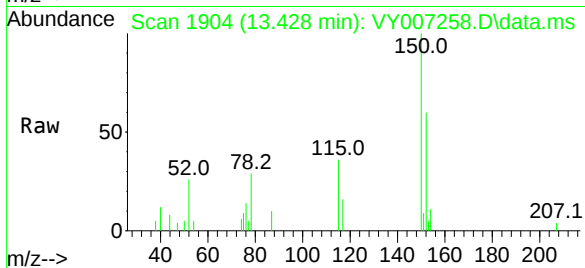
119 31.9 26.4 39.6



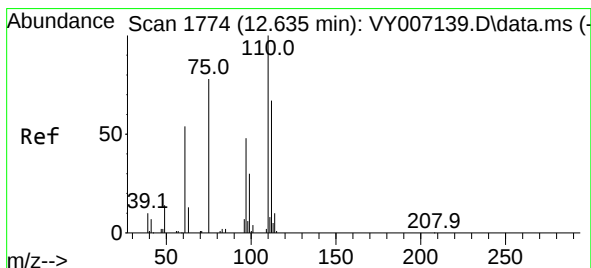
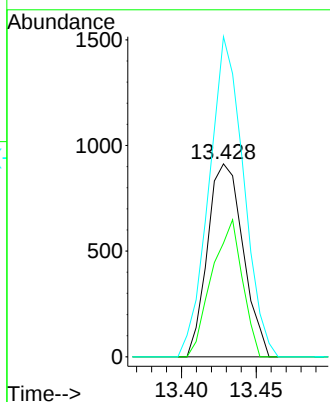
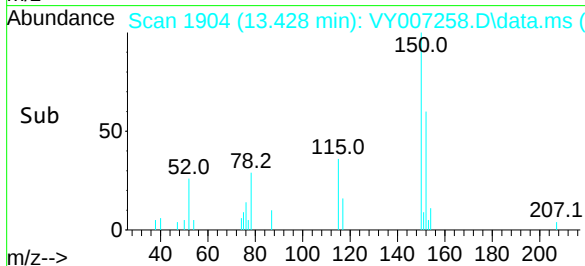


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY007258.D
 Acq: 21 Jan 2022 17:16

Instrument :
 MSVOA_Y
 ClientSampleId :

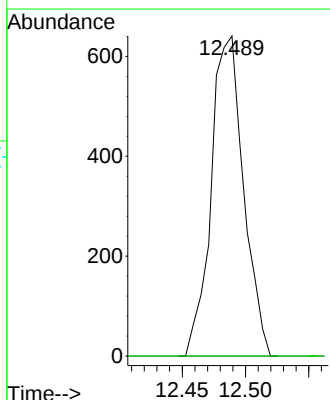
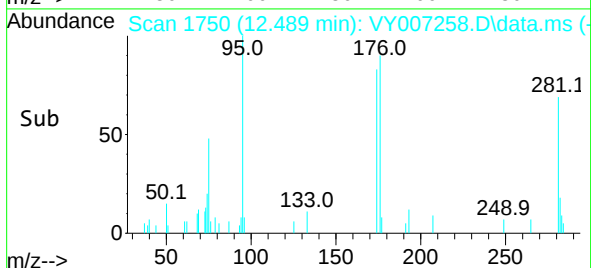
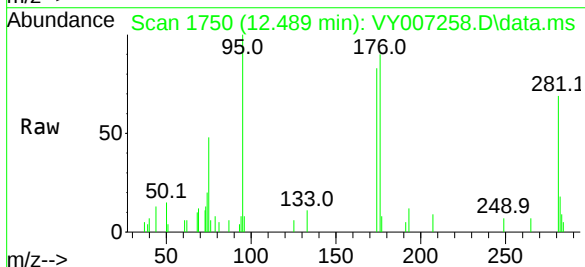


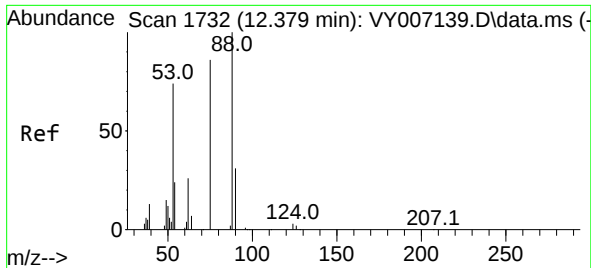
Tgt Ion:152 Resp: 1507
 Ion Ratio Lower Upper
 152 100
 115 60.9 31.4 94.0
 150 161.5 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 66.400 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. -0.146 min
 Lab File: VY007258.D
 Acq: 21 Jan 2022 17:16

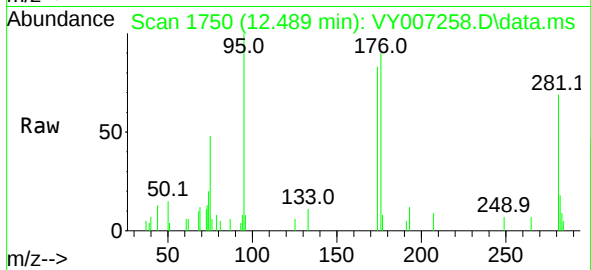
Tgt Ion: 75 Resp: 1141
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 121.560 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY007258.D
 Acq: 21 Jan 2022 17:16

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 1141
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.9 110.9#
 89 0.0 0.0 0.0

