

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010722\
 Data File : VY007056.D
 Acq On : 07 Jan 2022 16:28
 Operator : SY/MD
 Sample : N1065-12
 Misc : 7.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 08 04:10:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 06 04:51:57 2022
 Response via : Initial Calibration

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

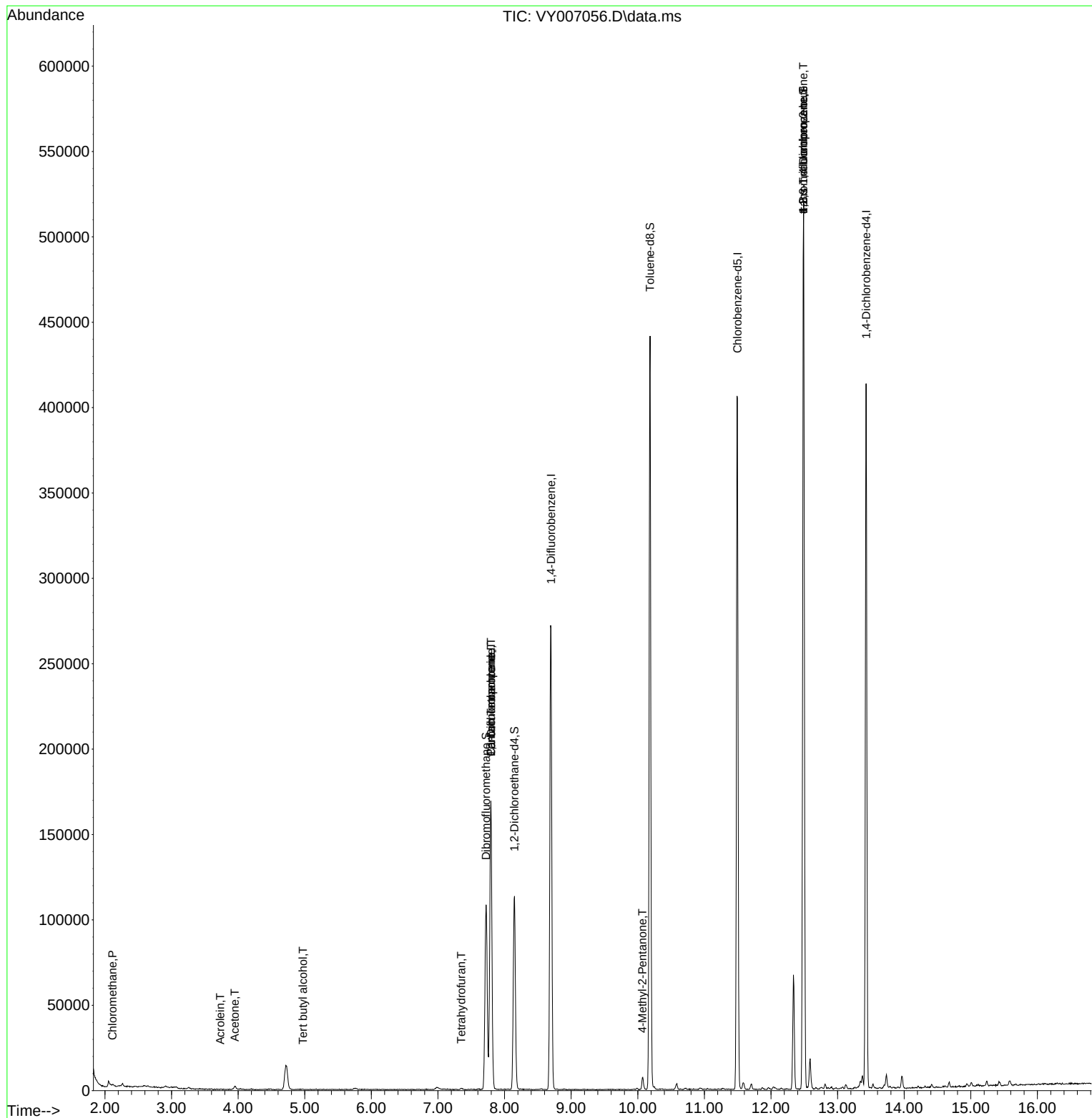
Internal Standards						
1) Pentafluorobenzene	7.795	168	126061	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	238862	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	223176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	102321	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	91430	61.443	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 122.880%		
35) Dibromofluoromethane	7.722	113	79242	50.468	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 100.940%		
50) Toluene-d8	10.185	98	290683	49.827	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 99.660%		
62) 4-Bromofluorobenzene	12.483	95	110925	50.488	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 100.980%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	873	1.042	ug/l	99
11) Tert butyl alcohol	4.972	59	151	1.125	ug/l #	71
13) Acrolein	3.729	56	48	1.156	ug/l #	1
16) Acetone	3.948	43	3227	9.843	ug/l	100
20) Methylene Chloride	4.716	84	11285	Below Cal		96
29) Tetrahydrofuran	7.350	42	603	1.720	ug/l #	67
36) 1,1-Dichloropropene	7.795	75	10239	3.913	ug/l #	50
38) Carbon Tetrachloride	7.795	117	13417	4.902	ug/l #	16
51) 4-Methyl-2-Pentanone	10.069	43	4928	3.843	ug/l	98
76) 1,2,3-Trichloropropane	12.483	75	59365	46.061	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	59365	84.127	ug/l #	4

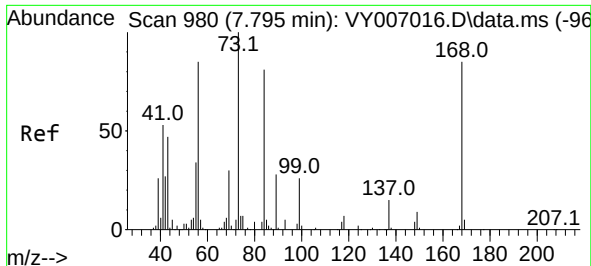
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010722\
Data File : VY007056.D
Acq On : 07 Jan 2022 16:28
Operator : SY/MD
Sample : N1065-12
Misc : 7.09g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 08 04:10:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010522S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 06 04:51:57 2022
Response via : Initial Calibration

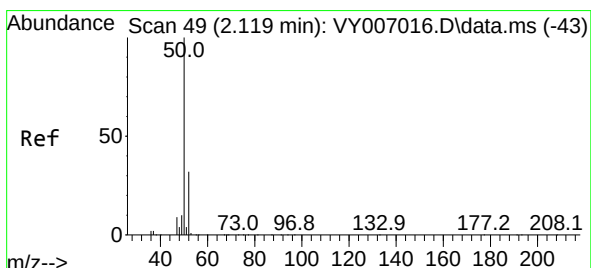
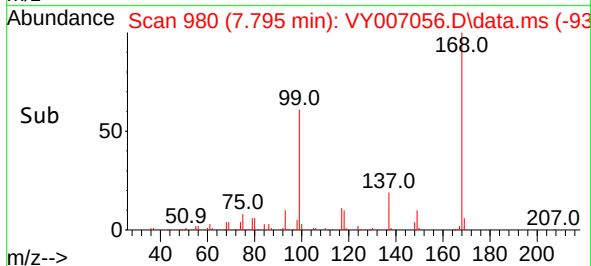
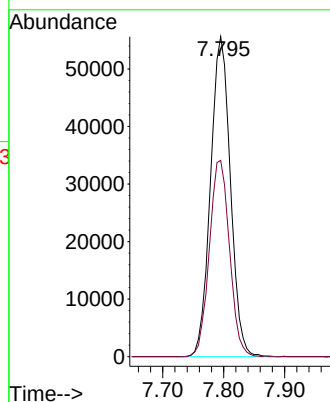
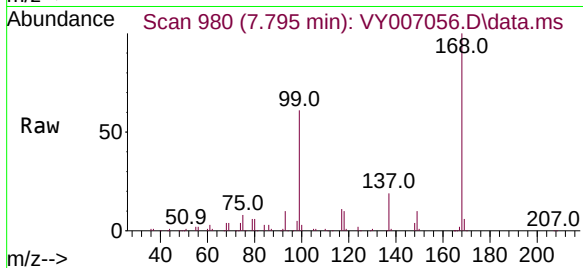




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007056.D
Acq: 07 Jan 2022 16:28

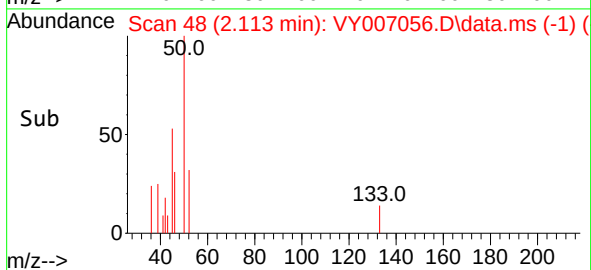
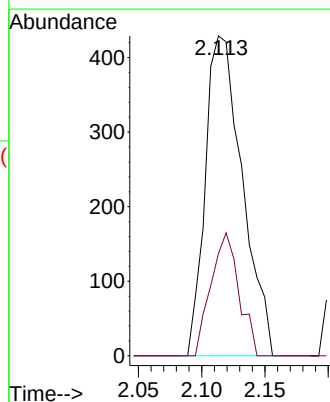
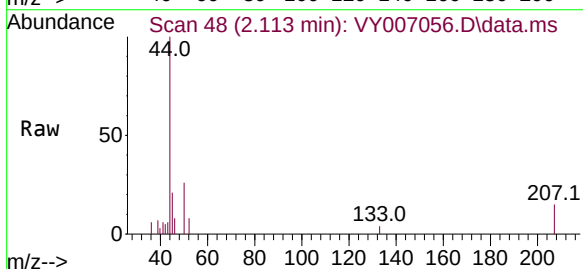
Instrument :
MSVOA_Y
ClientSampleId :

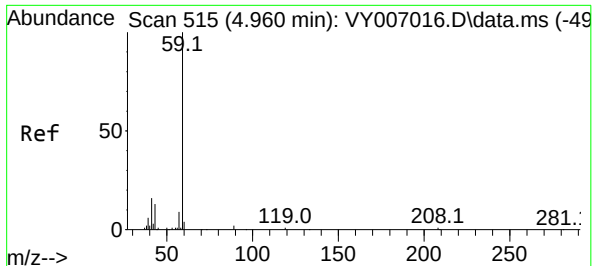
Tgt Ion:168 Resp: 126061
Ion Ratio Lower Upper
168 100
99 61.4 48.9 73.3



#3
Chloromethane
Concen: 1.042 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY007056.D
Acq: 07 Jan 2022 16:28

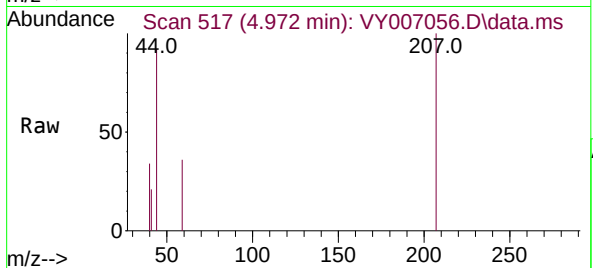
Tgt Ion: 50 Resp: 873
Ion Ratio Lower Upper
50 100
52 31.9 25.8 38.8



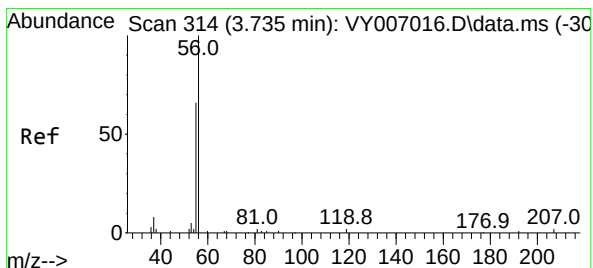
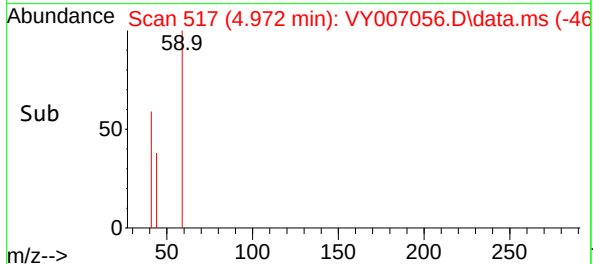
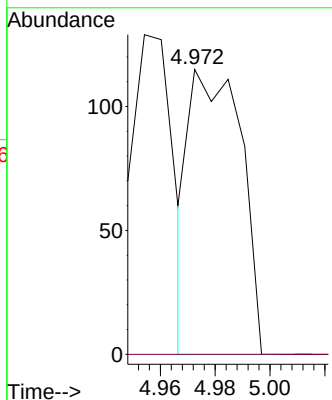


#11
Tert butyl alcohol
Concen: 1.125 ug/l
RT: 4.972 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY007056.D
Acq: 07 Jan 2022 16:28

Instrument :
MSVOA_Y
ClientSampleId :

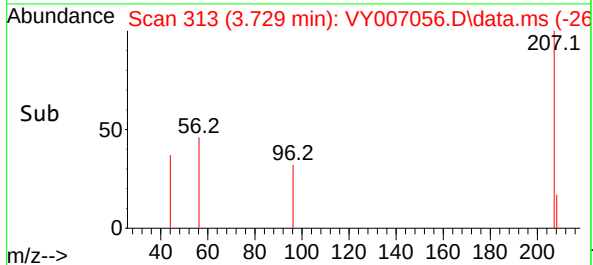
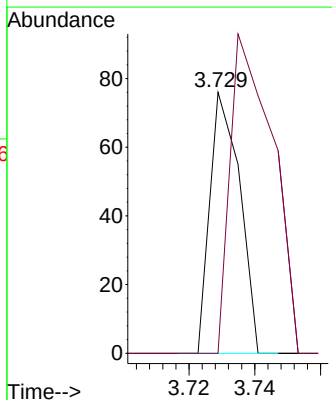
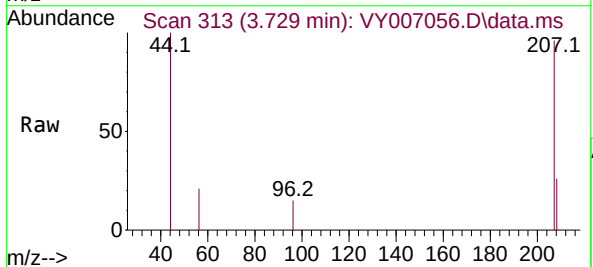


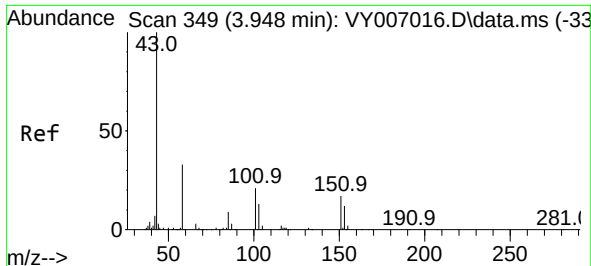
Tgt Ion: 59 Resp: 151
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



#13
Acrolein
Concen: 1.156 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.006 min
Lab File: VY007056.D
Acq: 07 Jan 2022 16:28

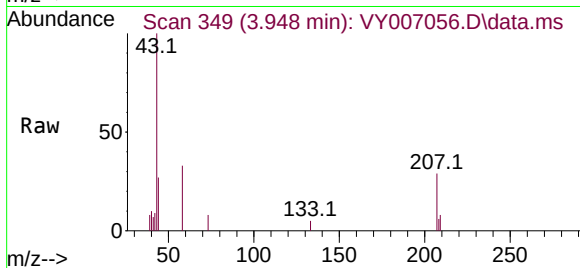
Tgt Ion: 56 Resp: 48
Ion Ratio Lower Upper
56 100
55 172.9 54.6 82.0#



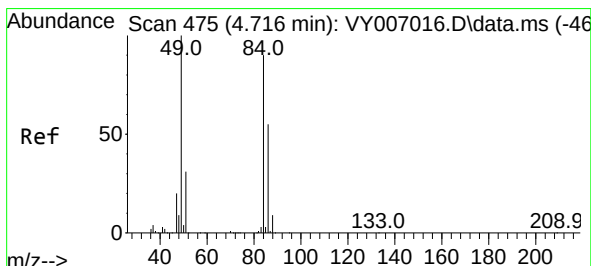
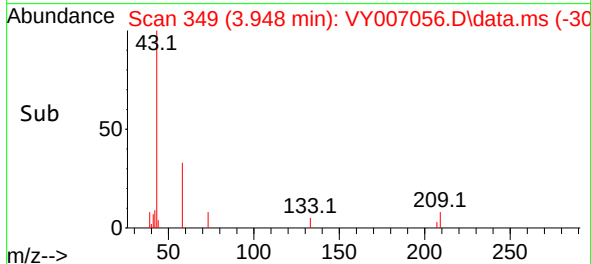
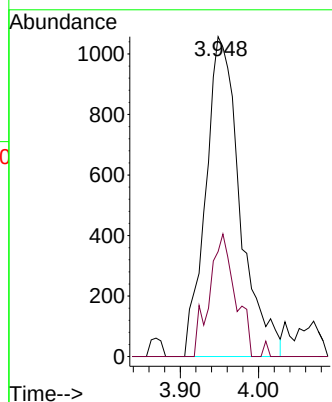


#16
Acetone
Concen: 9.843 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007056.D
Acq: 07 Jan 2022 16:28

Instrument :
MSVOA_Y
ClientSampleId :

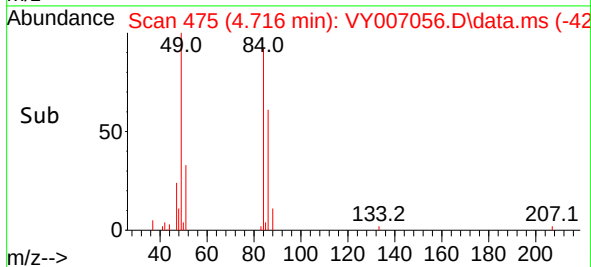
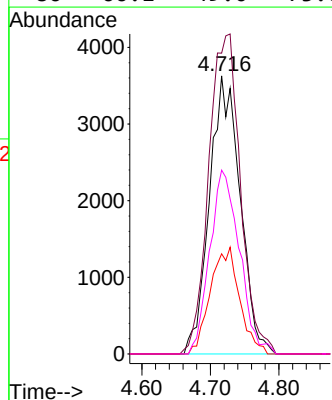
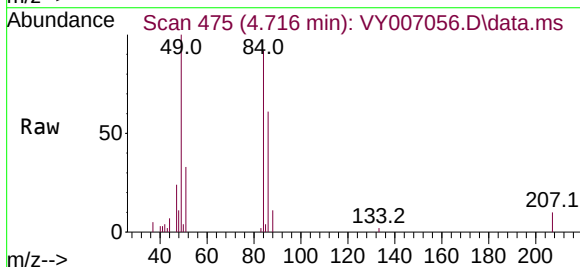


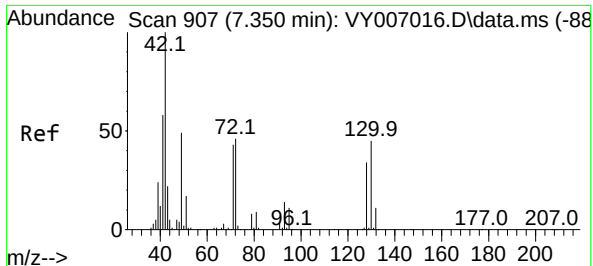
Tgt Ion: 43 Resp: 3227
Ion Ratio Lower Upper
43 100
58 32.8 26.3 39.5



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY007056.D
Acq: 07 Jan 2022 16:28

Tgt Ion: 84 Resp: 11285
Ion Ratio Lower Upper
84 100
49 108.2 89.4 134.0
51 36.0 27.7 41.5
86 66.1 49.0 73.6





#29

Tetrahydrofuran

Concen: 1.720 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

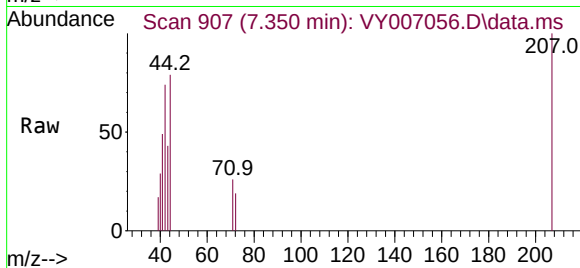
Lab File: VY007056.D

Acq: 07 Jan 2022 16:28

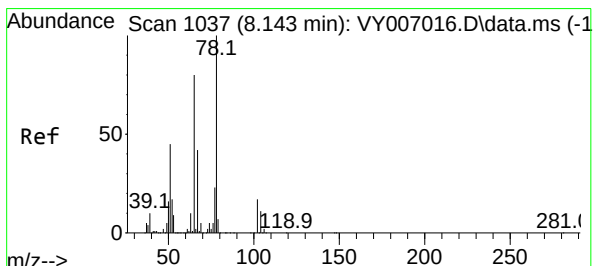
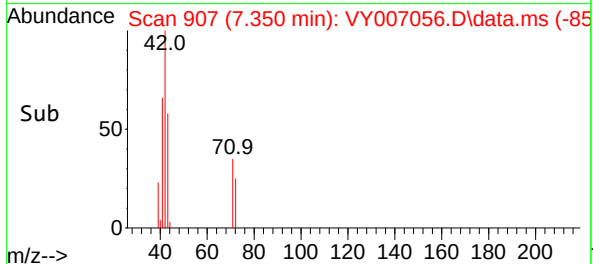
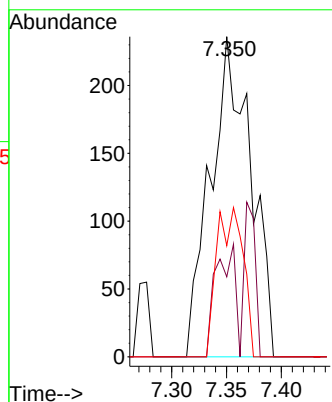
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	603
Ion Ratio	Lower	Upper	
42	100		
72	16.7	37.1	55.7#
71	30.5	34.6	52.0#



#33

1,2-Dichloroethane-d4

Concen: 61.443 ug/l

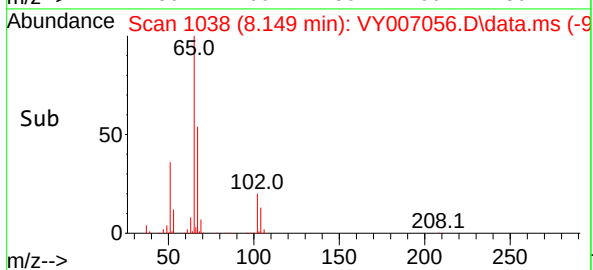
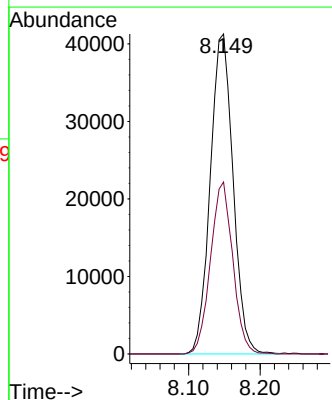
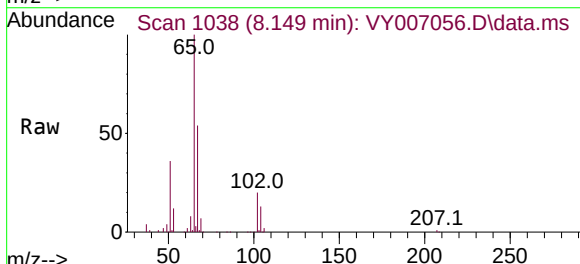
RT: 8.149 min Scan# 1038

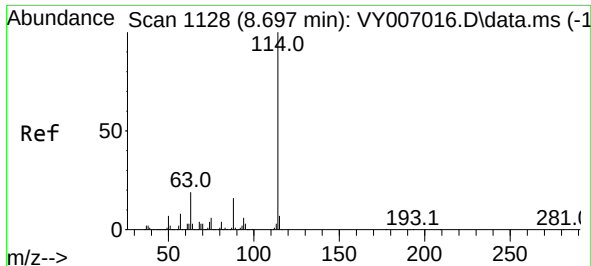
Delta R.T. 0.006 min

Lab File: VY007056.D

Acq: 07 Jan 2022 16:28

Tgt Ion:	65	Resp:	91430
Ion Ratio	Lower	Upper	
65	100		
67	52.5	0.0	105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY007056.D

Acq: 07 Jan 2022 16:28

Instrument :

MSVOA_Y

ClientSampleId :

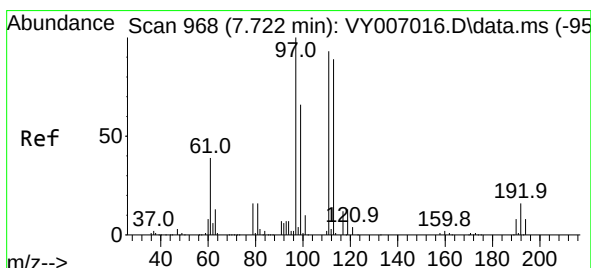
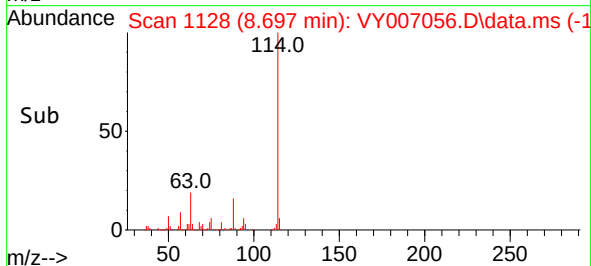
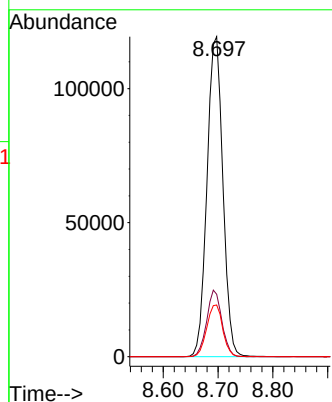
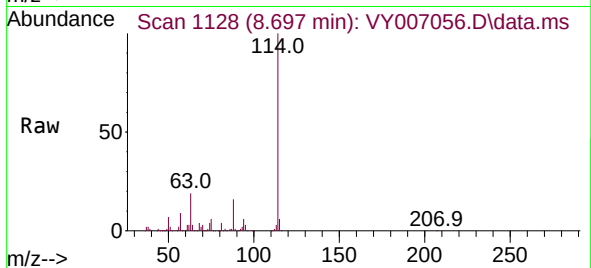
Tgt Ion:114 Resp: 238862

Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.6

88 16.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.468 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY007056.D

Acq: 07 Jan 2022 16:28

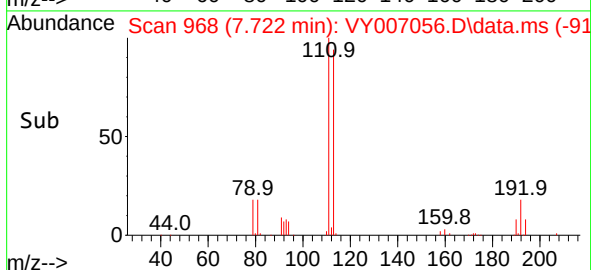
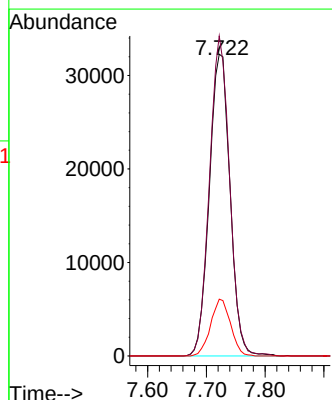
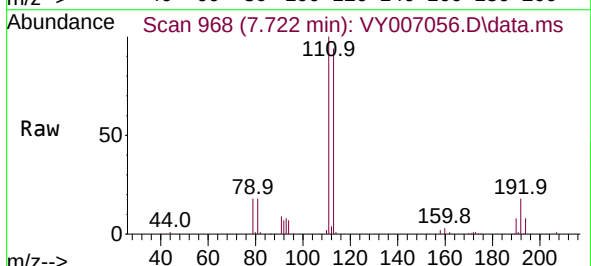
Tgt Ion:113 Resp: 79242

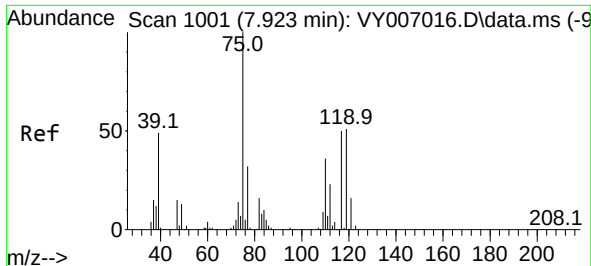
Ion Ratio Lower Upper

113 100

111 102.7 81.9 122.9

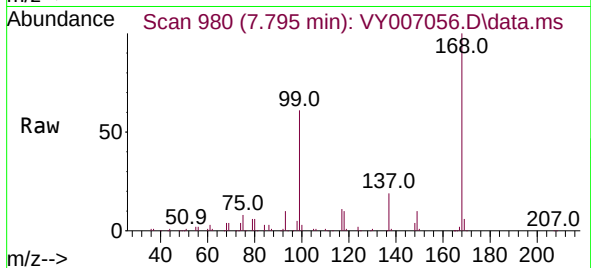
192 18.0 14.6 21.8



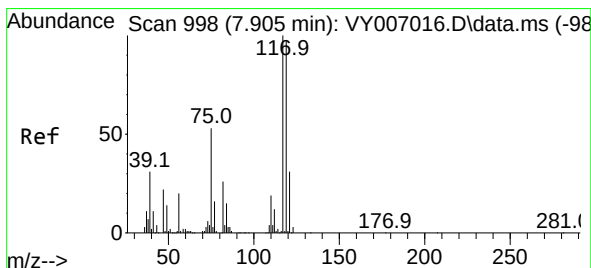
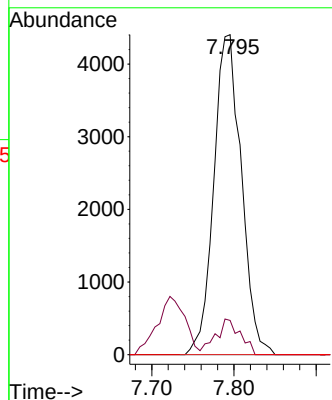
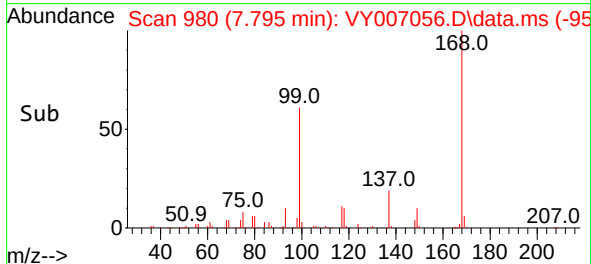


#36
1,1-Dichloropropene
Concen: 3.913 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY007056.D
Acq: 07 Jan 2022 16:28

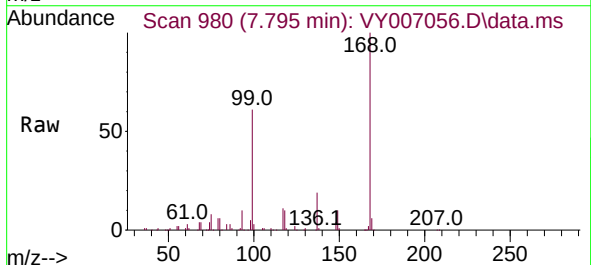
Instrument :
MSVOA_Y
ClientSampleId :



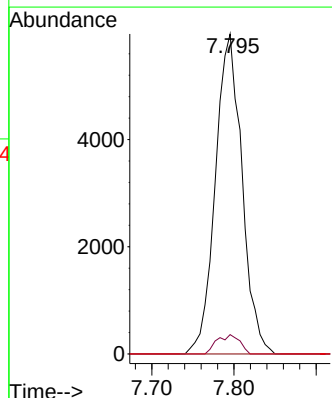
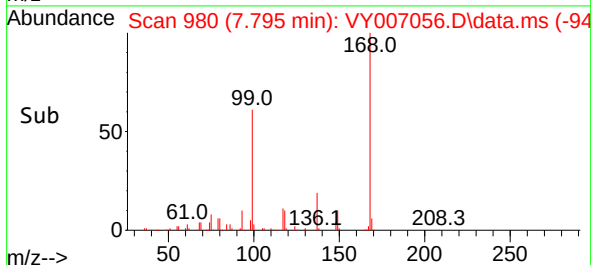
Tgt Ion: 75 Resp: 10239
Ion Ratio Lower Upper
75 100
110 9.9 18.0 54.0#
77 0.0 25.4 38.2#

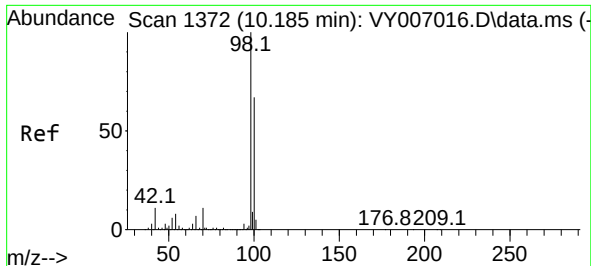


#38
Carbon Tetrachloride
Concen: 4.902 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY007056.D
Acq: 07 Jan 2022 16:28



Tgt Ion: 117 Resp: 13417
Ion Ratio Lower Upper
117 100
119 6.0 77.7 116.5#
121 0.0 24.4 36.6#

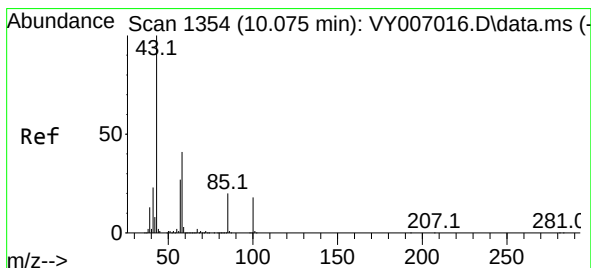
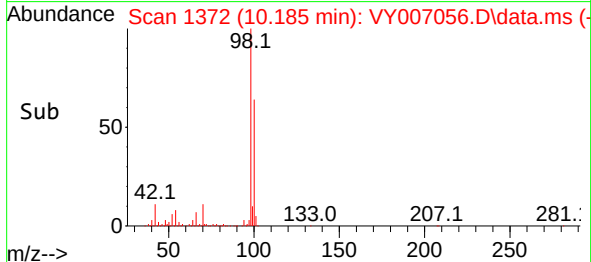
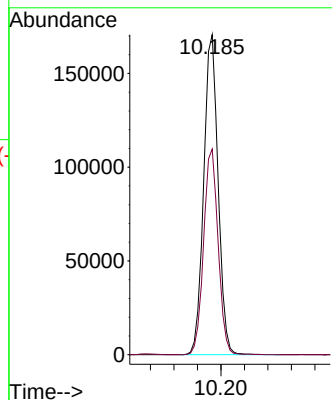
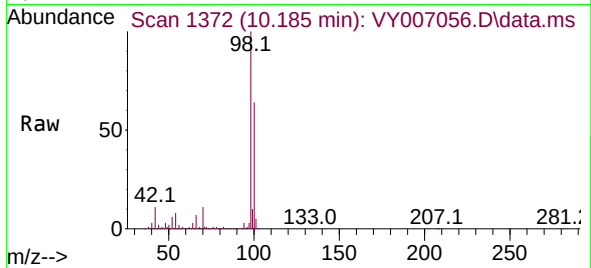




#50
Toluene-d8
Concen: 49.827 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY007056.D
Acq: 07 Jan 2022 16:28

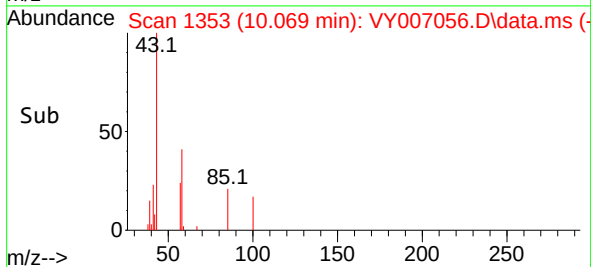
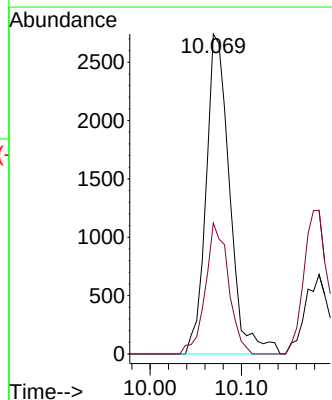
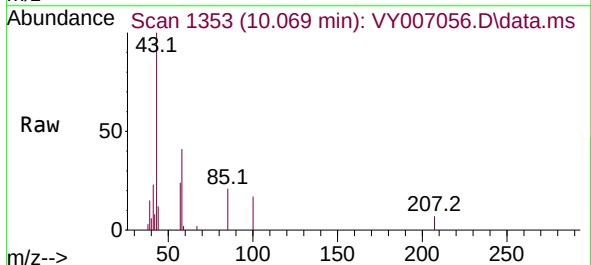
Instrument :
MSVOA_Y
ClientSampleId :

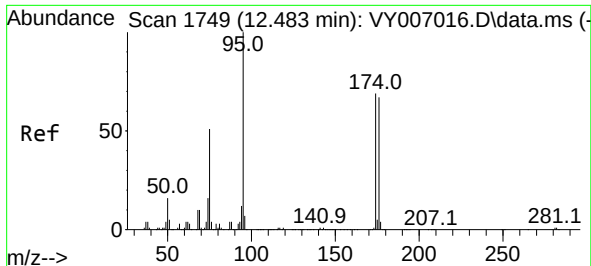
Tgt Ion: 98 Resp: 290683
Ion Ratio Lower Upper
98 100
100 64.7 52.8 79.2



#51
4-Methyl-2-Pentanone
Concen: 3.843 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.006 min
Lab File: VY007056.D
Acq: 07 Jan 2022 16:28

Tgt Ion: 43 Resp: 4928
Ion Ratio Lower Upper
43 100
58 39.8 32.7 49.1

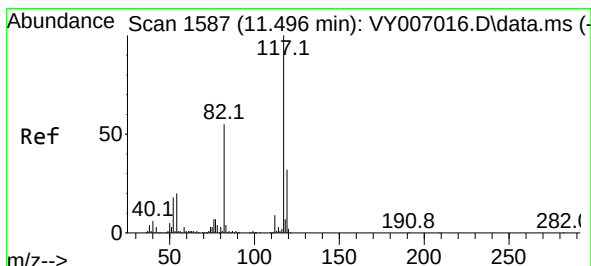
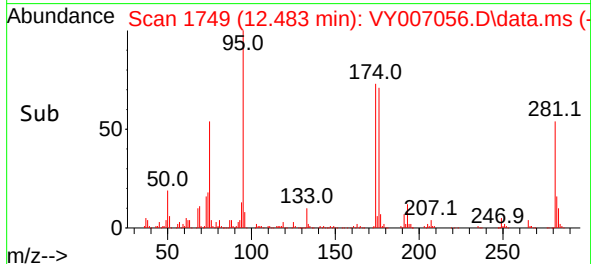
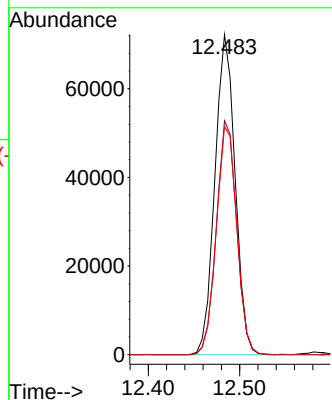
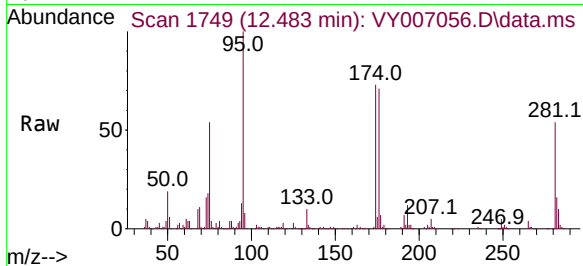




#62
4-Bromofluorobenzene
Concen: 50.488 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007056.D
Acq: 07 Jan 2022 16:28

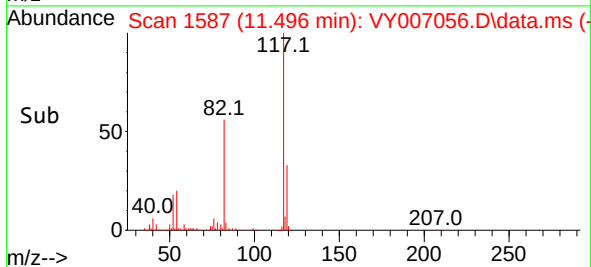
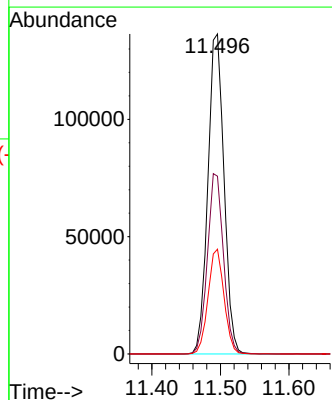
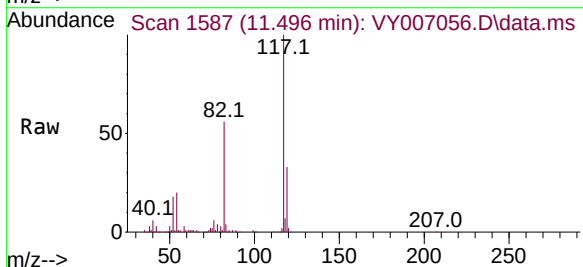
Instrument :
MSVOA_Y
ClientSampleId :

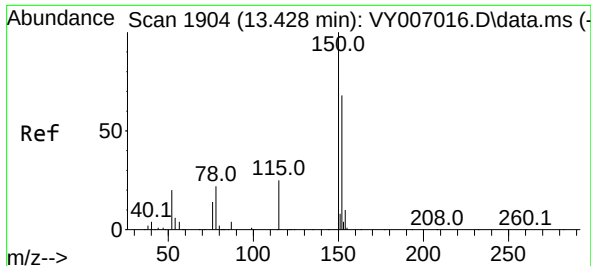
Tgt Ion: 95 Resp: 110925
Ion Ratio Lower Upper
95 100
174 73.4 0.0 144.6
176 72.4 0.0 141.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY007056.D
Acq: 07 Jan 2022 16:28

Tgt Ion: 117 Resp: 223176
Ion Ratio Lower Upper
117 100
82 55.6 44.1 66.1
119 32.8 25.3 37.9

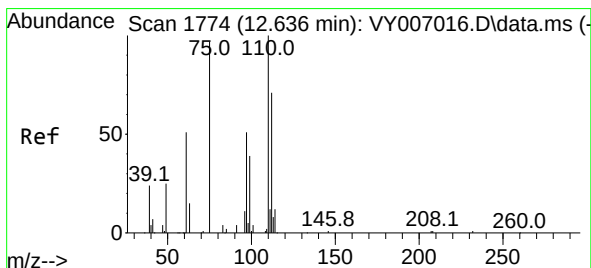
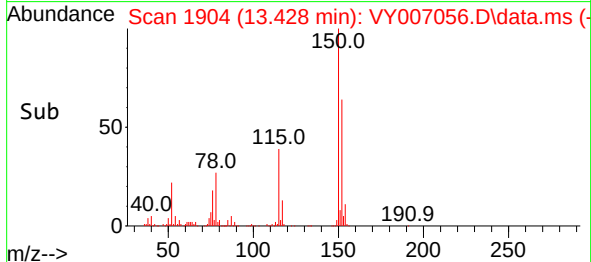
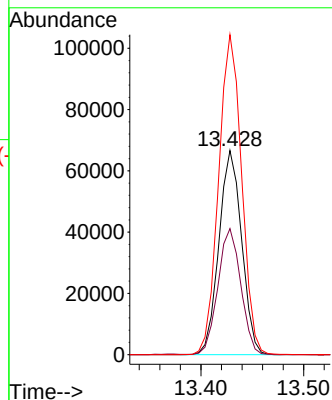
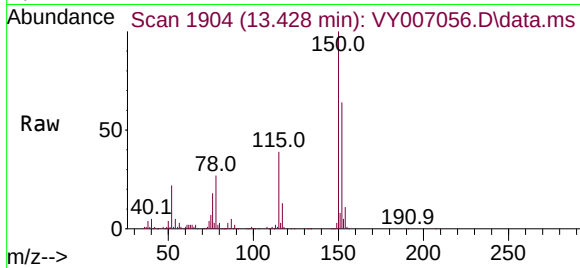




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY007056.D
 Acq: 07 Jan 2022 16:28

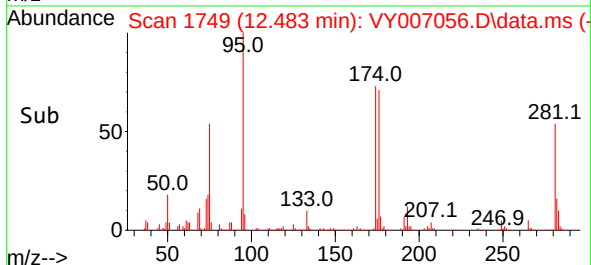
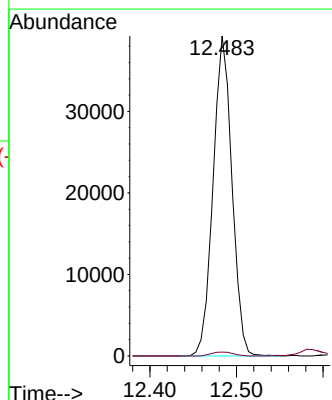
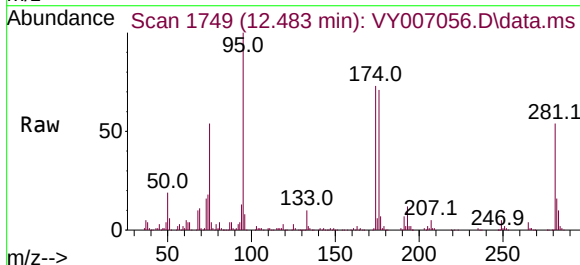
Instrument :
 MSVOA_Y
 ClientSampleId :

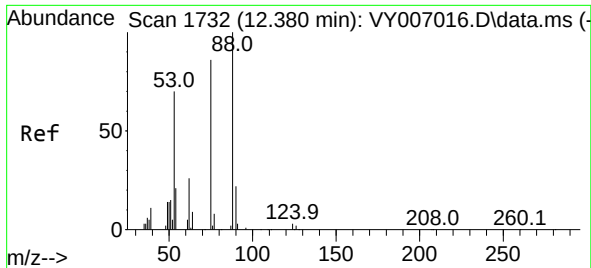
Tgt Ion:152 Resp: 102321
 Ion Ratio Lower Upper
 152 100
 115 62.1 31.9 95.5
 150 158.6 0.0 358.0



#76
 1,2,3-Trichloropropane
 Concen: 46.061 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY007056.D
 Acq: 07 Jan 2022 16:28

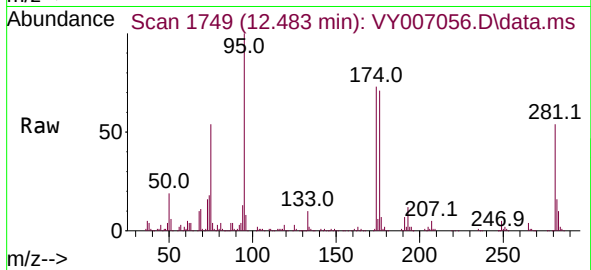
Tgt Ion: 75 Resp: 59365
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.127 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY007056.D
 Acq: 07 Jan 2022 16:28

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 59365
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.2 108.4#
 89 1.6 0.0 0.0#

