

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
 Data File : VY007708.D
 Acq On : 03 Mar 2022 16:42
 Operator : SY/MD
 Sample : N1759-05
 Misc : 6.46g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 04 00:42:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

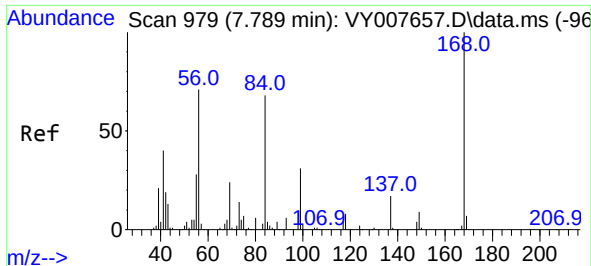
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	239561	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	436588	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	436669	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	197202	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	158533	63.211	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.420%	
35) Dibromofluoromethane	7.716	113	148242	53.110	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.220%	
50) Toluene-d8	10.179	98	547184	53.255	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.520%	
62) 4-Bromofluorobenzene	12.483	95	191010	57.672	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 115.340%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	102	Below Cal	80	
3) Chloromethane	2.113	50	1402	Below Cal	98	
13) Acrolein	3.753	56	25	Below Cal	#	1
16) Acetone	3.942	43	1300	2.548	ug/l	97
18) Methyl Acetate	4.472	43	532	Below Cal	97	
20) Methylene Chloride	4.722	84	8240	Below Cal	#	89
31) Cyclohexane	7.795	56	5640	Below Cal	#	11
36) 1,1-Dichloropropene	7.789	75	18191	4.143	ug/l	# 51
38) Carbon Tetrachloride	7.795	117	23131	4.938	ug/l	# 16
76) 1,2,3-Trichloropropane	12.483	75	119816	54.405	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	119816	111.225	ug/l	# 9

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

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Quant Title : SW846 8260
QLast Update : Tue Mar 01 09:08:03 2022
Response via : Initial Calibration

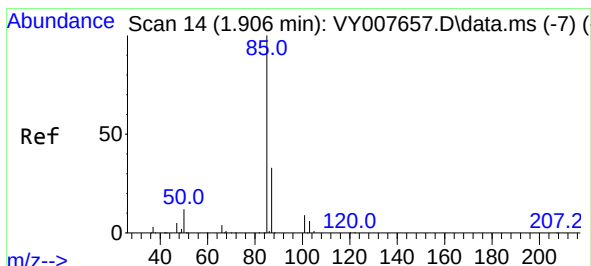
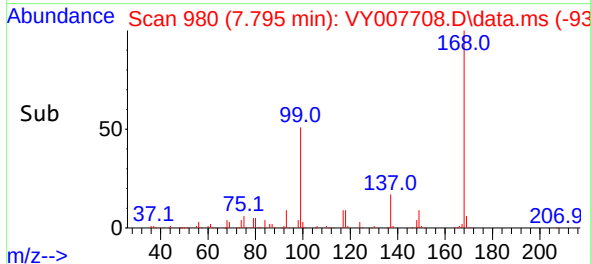
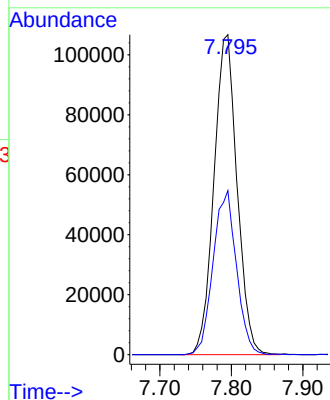
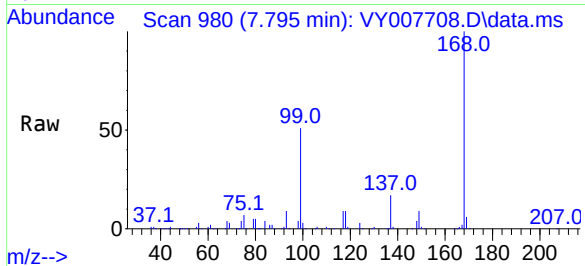




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007708.D
Acq: 03 Mar 2022 16:42

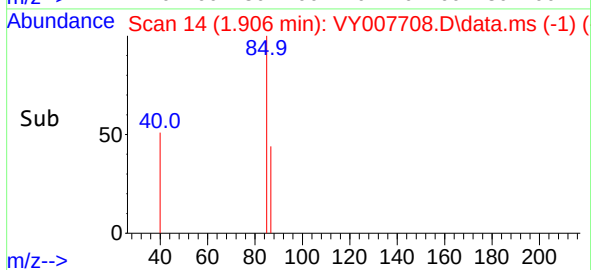
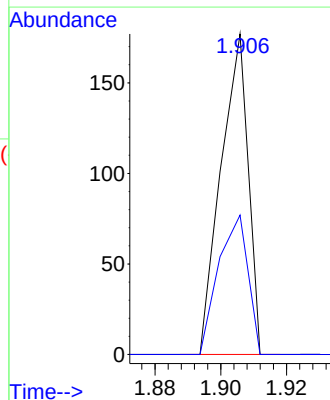
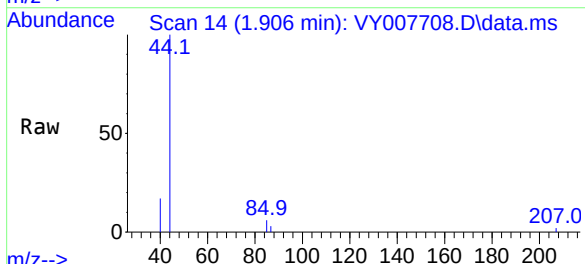
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 239561
Ion Ratio Lower Upper
168 100
99 51.3 46.9 70.3

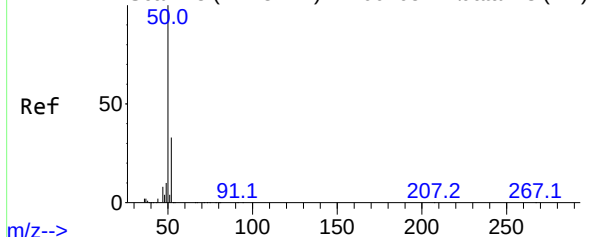


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007708.D
Acq: 03 Mar 2022 16:42

Tgt Ion: 85 Resp: 102
Ion Ratio Lower Upper
85 100
87 43.5 16.1 48.2



Abundance Scan 48 (2.113 min): VY007657.D\data.ms (-41)



#3

Chloromethane

Concen: Below Cal

RT: 2.113 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY007708.D

Acq: 03 Mar 2022 16:42

Instrument :

MSVOA_Y

ClientSampleId :

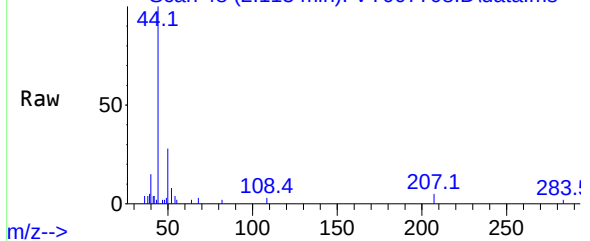
Tgt Ion: 50 Resp: 1402

Ion Ratio Lower Upper

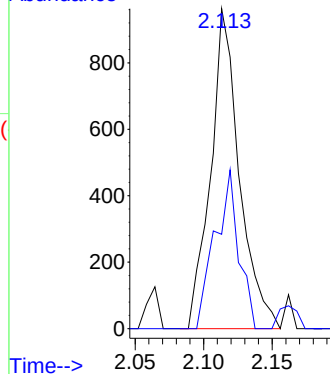
50 100

52 29.5 24.6 37.0

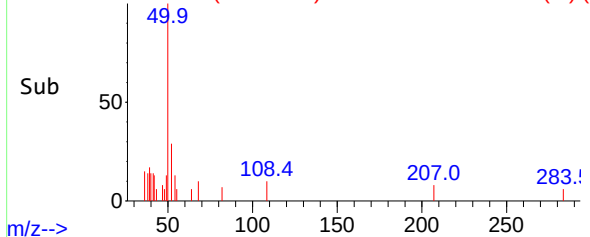
Abundance Scan 48 (2.113 min): VY007708.D\data.ms



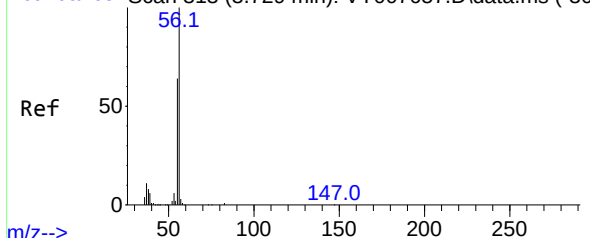
Abundance



Abundance Scan 48 (2.113 min): VY007708.D\data.ms (-1)



Abundance Scan 313 (3.729 min): VY007657.D\data.ms (-30)



#13

Acrolein

Concen: Below Cal

RT: 3.753 min Scan# 317

Delta R.T. 0.024 min

Lab File: VY007708.D

Acq: 03 Mar 2022 16:42

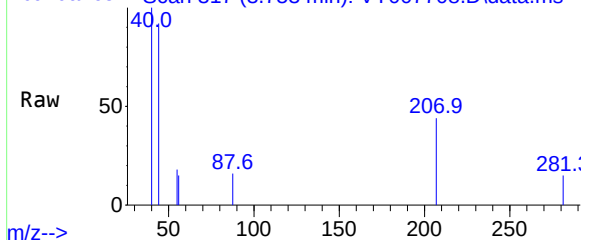
Tgt Ion: 56 Resp: 25

Ion Ratio Lower Upper

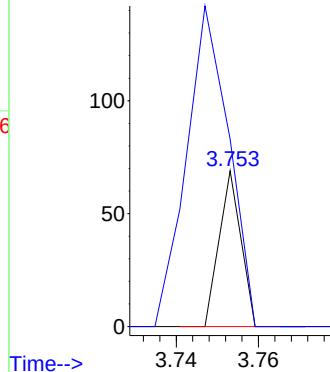
56 100

55 404.0 57.6 86.4#

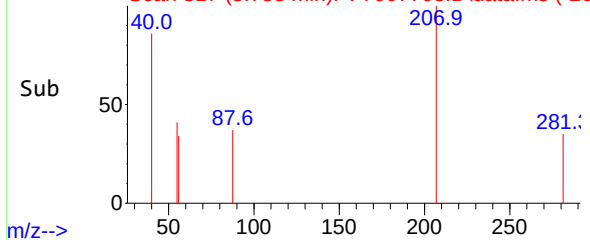
Abundance Scan 317 (3.753 min): VY007708.D\data.ms

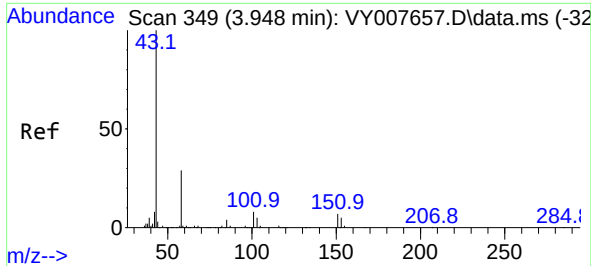


Abundance



Abundance Scan 317 (3.753 min): VY007708.D\data.ms (-26)





#16

Acetone

Concen: 2.548 ug/l

RT: 3.942 min Scan# 34

Delta R.T. -0.006 min

Lab File: VY007708.D

Acq: 03 Mar 2022 16:42

Instrument :

MSVOA_Y

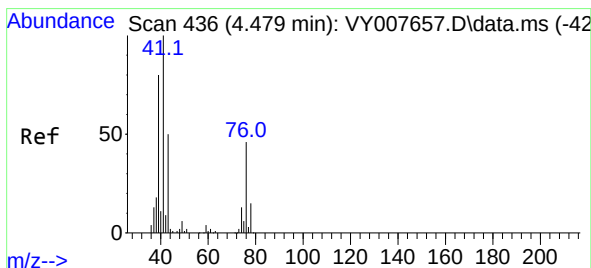
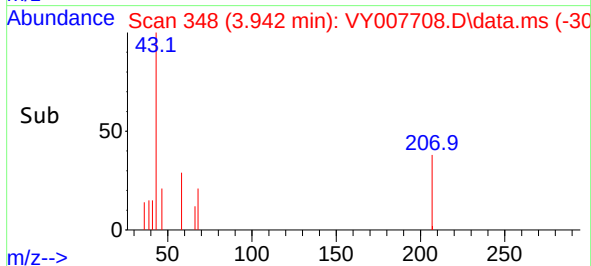
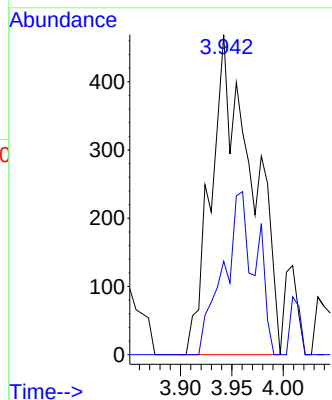
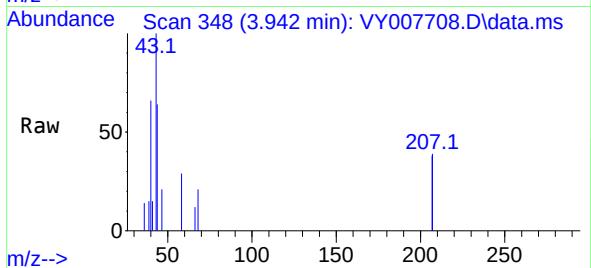
ClientSampleId :

Tgt Ion: 43 Resp: 1300

Ion Ratio Lower Upper

43 100

58 29.2 22.0 33.0



#18

Methyl Acetate

Concen: Below Cal

RT: 4.472 min Scan# 435

Delta R.T. -0.007 min

Lab File: VY007708.D

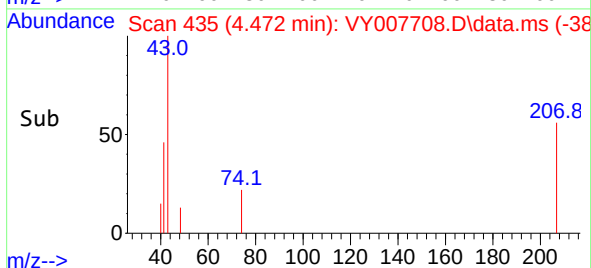
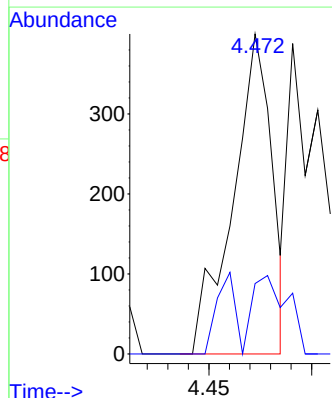
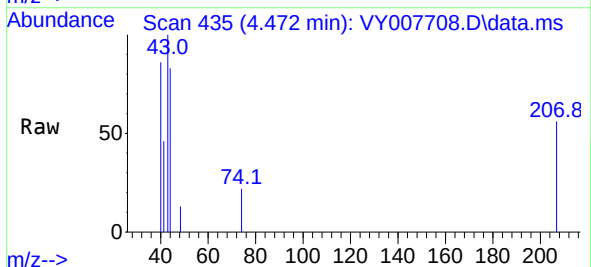
Acq: 03 Mar 2022 16:42

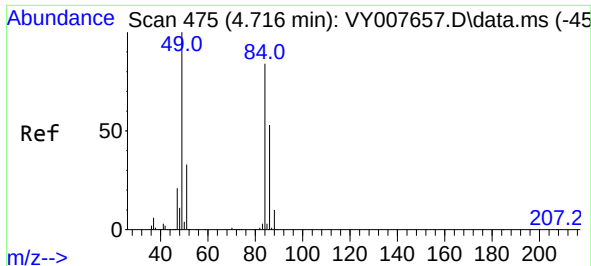
Tgt Ion: 43 Resp: 532

Ion Ratio Lower Upper

43 100

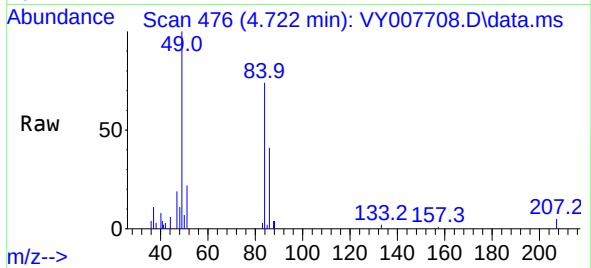
74 22.0 16.6 24.8



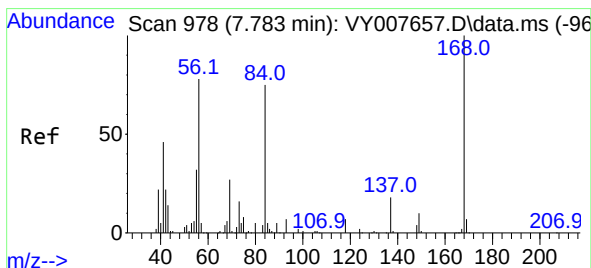
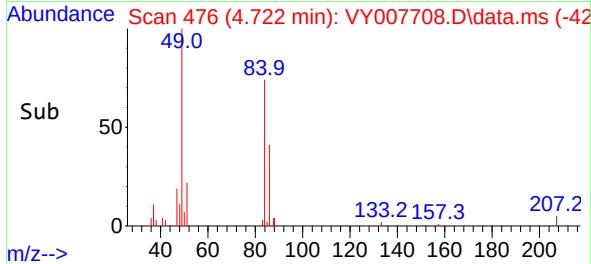
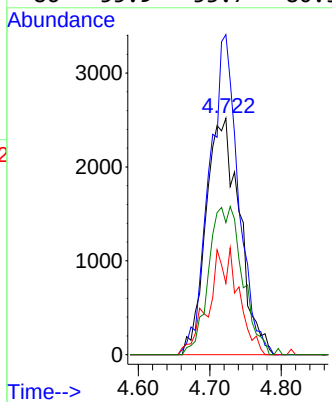


#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY007708.D
Acq: 03 Mar 2022 16:42

Instrument :
MSVOA_Y
ClientSampleId :

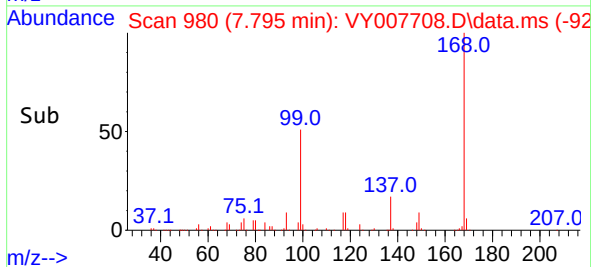
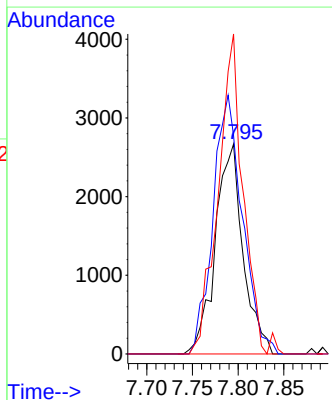
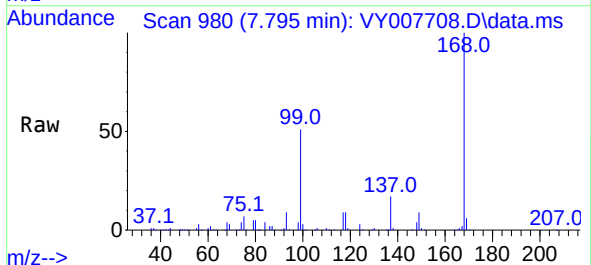


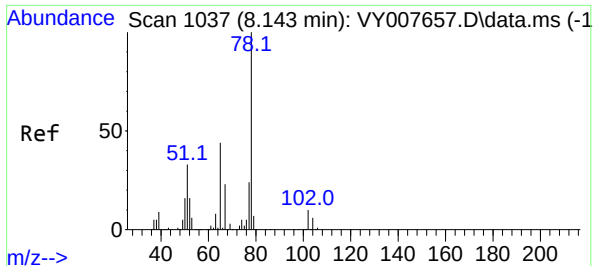
Tgt Ion: 84 Resp: 8240
Ion Ratio Lower Upper
84 100
49 135.4 114.4 171.6
51 30.2 35.3 52.9#
86 55.9 53.7 80.5



#31
Cyclohexane
Concen: Below Cal
RT: 7.795 min Scan# 980
Delta R.T. 0.012 min
Lab File: VY007708.D
Acq: 03 Mar 2022 16:42

Tgt Ion: 56 Resp: 5640
Ion Ratio Lower Upper
56 100
69 104.0 26.7 40.1#
84 152.4 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 63.211 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY007708.D

Acq: 03 Mar 2022 16:42

Instrument :

MSVOA_Y

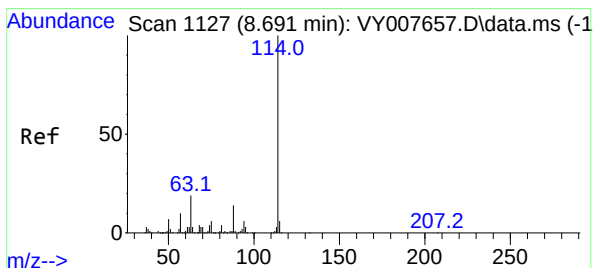
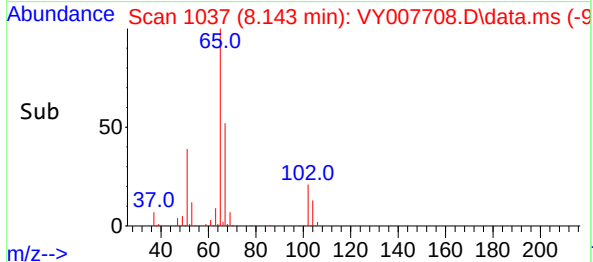
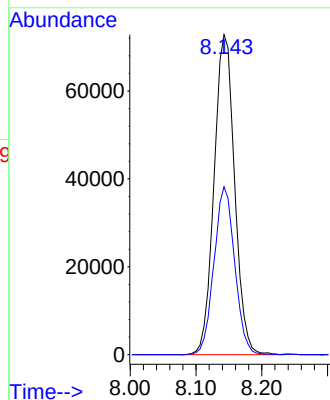
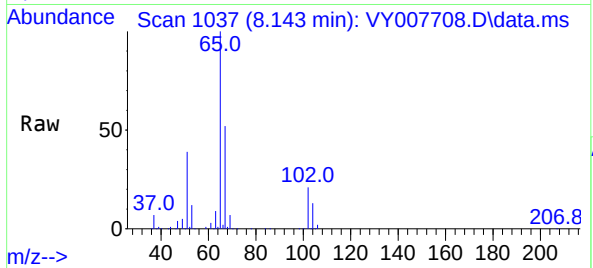
ClientSampleId :

Tgt Ion: 65 Resp: 158533

Ion Ratio Lower Upper

65 100

67 52.9 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: VY007708.D

Acq: 03 Mar 2022 16:42

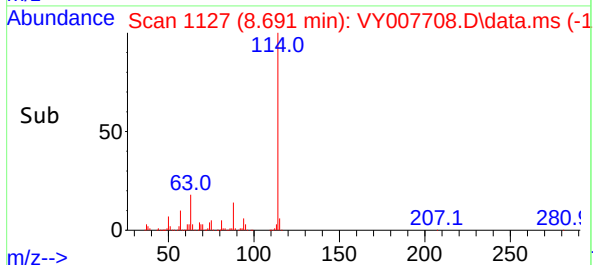
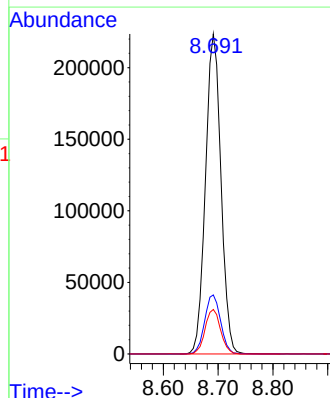
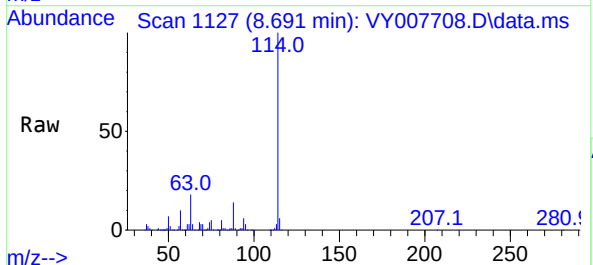
Tgt Ion:114 Resp: 436588

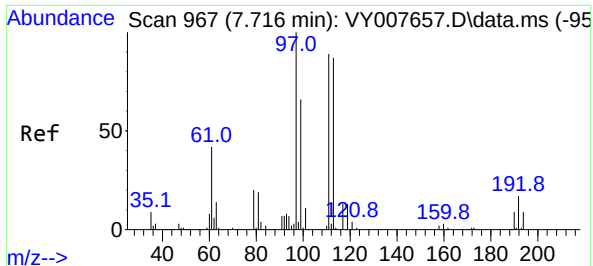
Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

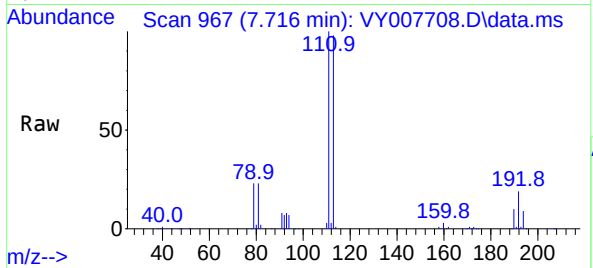
88 13.9 0.0 31.8



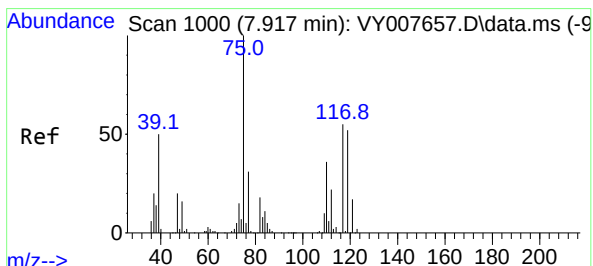
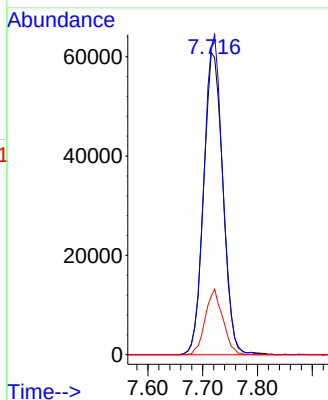
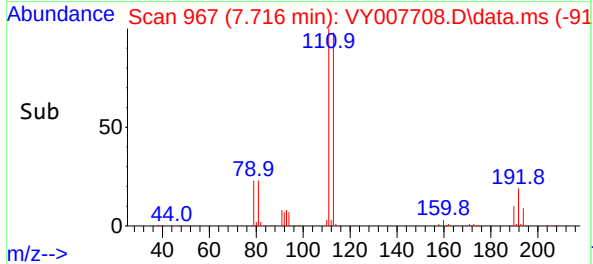


#35
Dibromofluoromethane
Concen: 53.110 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY007708.D
Acq: 03 Mar 2022 16:42

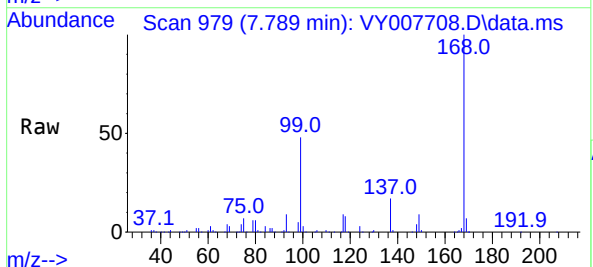
Instrument :
MSVOA_Y
ClientSampleId :



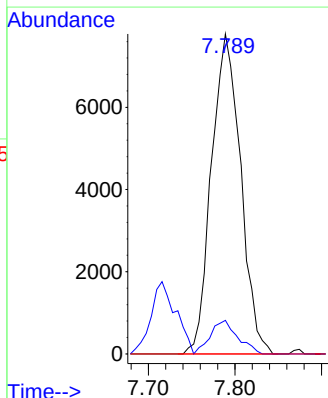
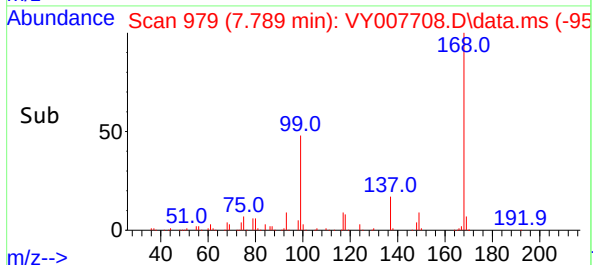
Tgt Ion:113 Resp: 148242
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 19.8 17.6 26.4

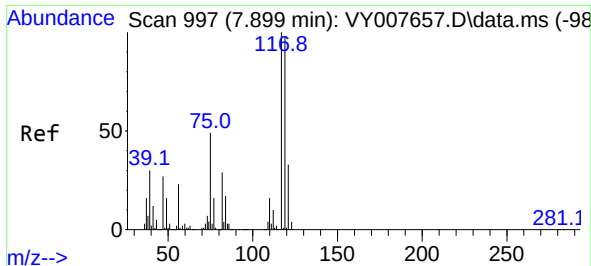


#36
1,1-Dichloropropene
Concen: 4.143 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007708.D
Acq: 03 Mar 2022 16:42



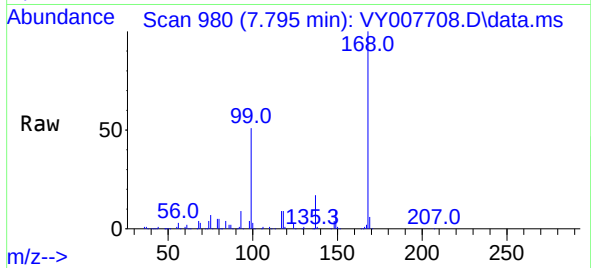
Tgt Ion: 75 Resp: 18191
Ion Ratio Lower Upper
75 100
110 9.8 17.1 51.2#
77 0.0 24.4 36.6#



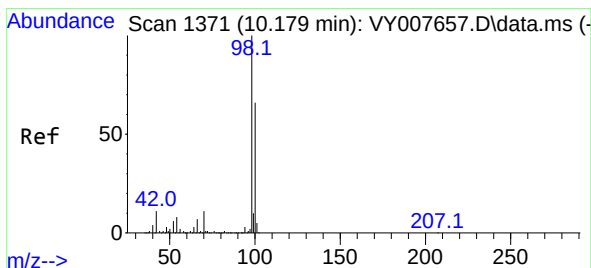
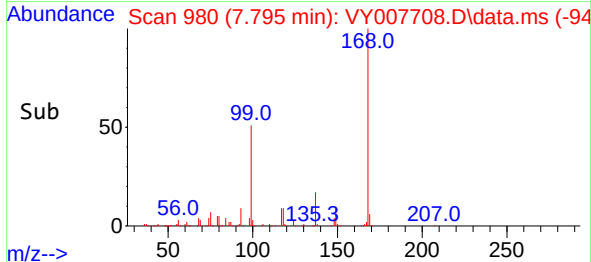
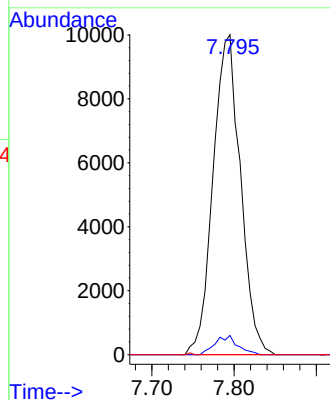


#38
Carbon Tetrachloride
Concen: 4.938 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY007708.D
Acq: 03 Mar 2022 16:42

Instrument :
MSVOA_Y
ClientSampleId :

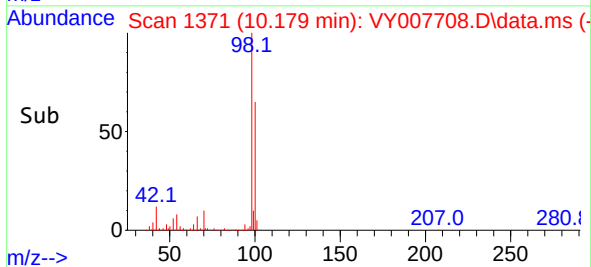
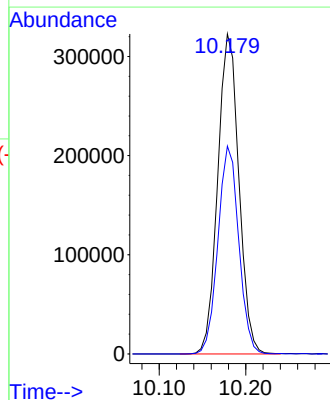
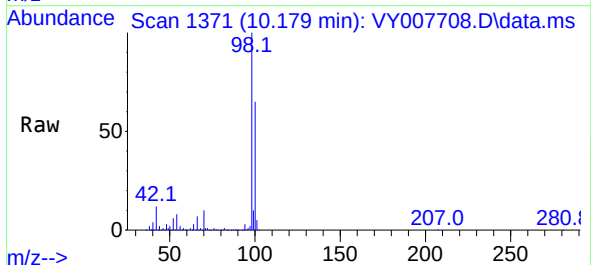


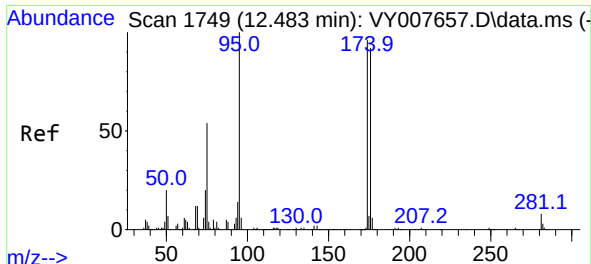
Tgt Ion:117 Resp: 23131
Ion Ratio Lower Upper
117 100
119 6.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.255 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007708.D
Acq: 03 Mar 2022 16:42

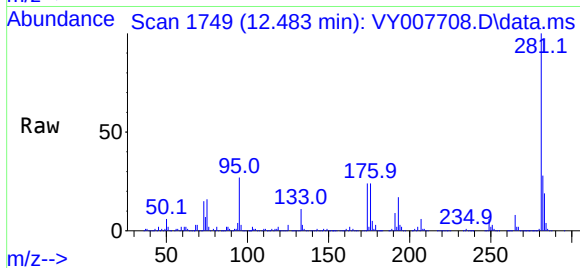
Tgt Ion: 98 Resp: 547184
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2



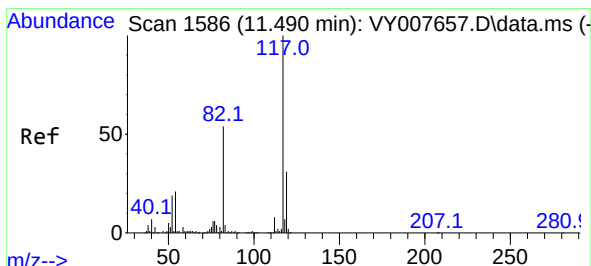
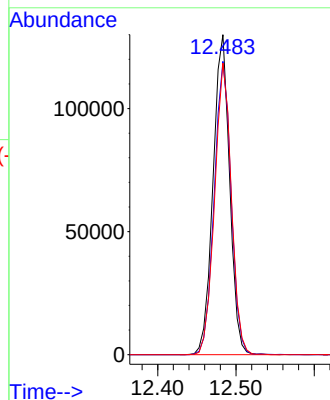
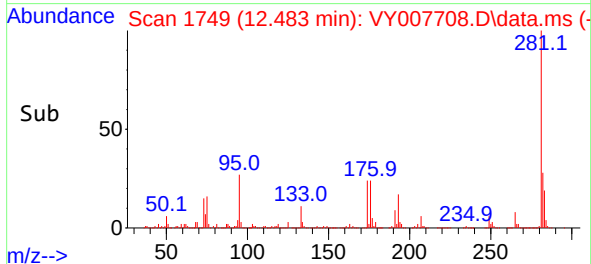


#62
4-Bromofluorobenzene
Concen: 57.672 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007708.D
Acq: 03 Mar 2022 16:42

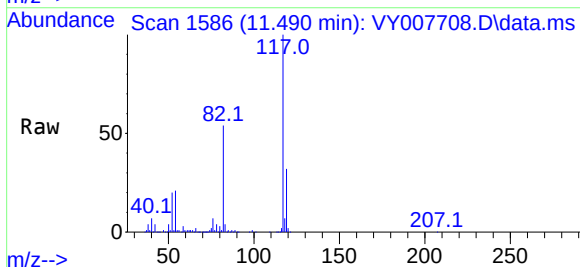
Instrument :
MSVOA_Y
ClientSampleId :



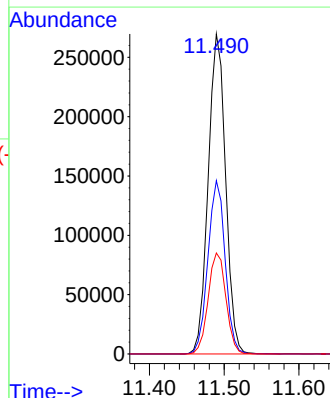
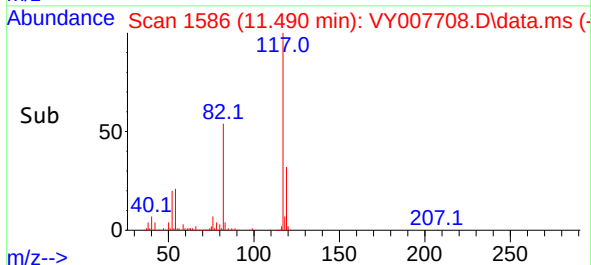
Tgt Ion: 95 Resp: 191010
Ion Ratio Lower Upper
95 100
174 93.3 0.0 177.0
176 92.1 0.0 175.8

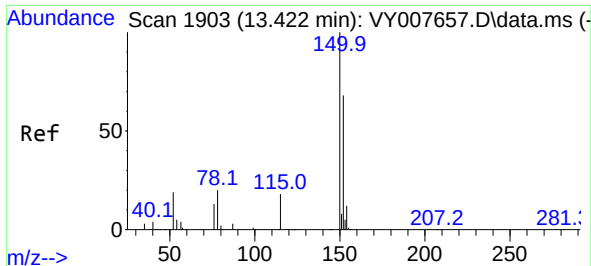


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY007708.D
Acq: 03 Mar 2022 16:42



Tgt Ion: 117 Resp: 436669
Ion Ratio Lower Upper
117 100
82 54.2 43.0 64.4
119 31.6 25.4 38.0



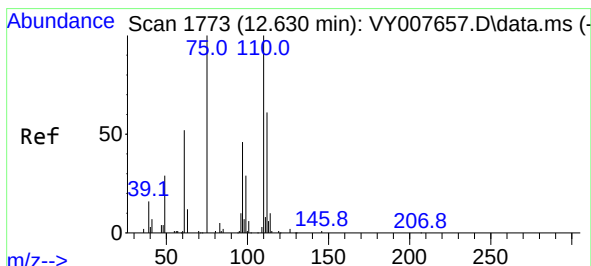
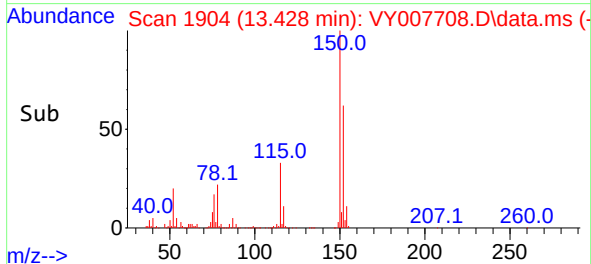
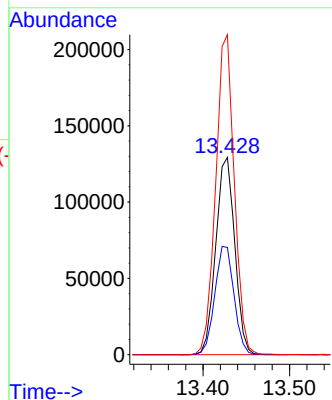
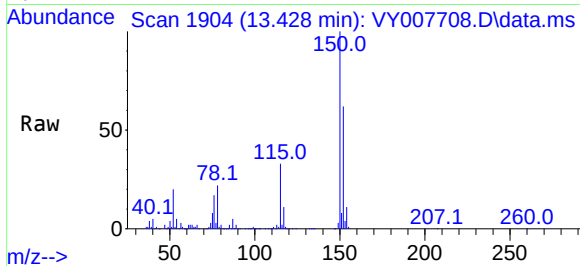


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY007708.D
 Acq: 03 Mar 2022 16:42

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:152 Resp: 197202

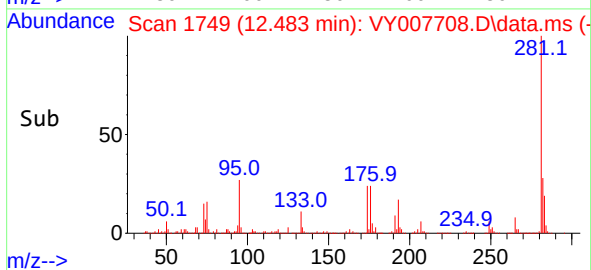
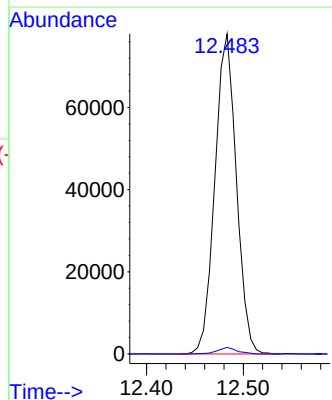
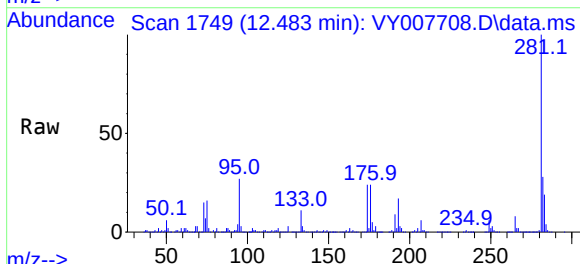
Ion	Ratio	Lower	Upper
152	100		
115	55.6	28.2	84.7
150	158.8	0.0	347.6

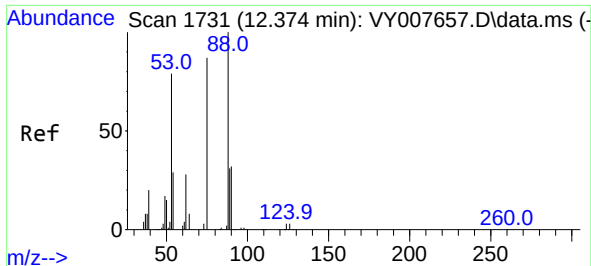


#76
 1,2,3-Trichloropropane
 Concen: 54.405 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY007708.D
 Acq: 03 Mar 2022 16:42

Tgt Ion: 75 Resp: 119816

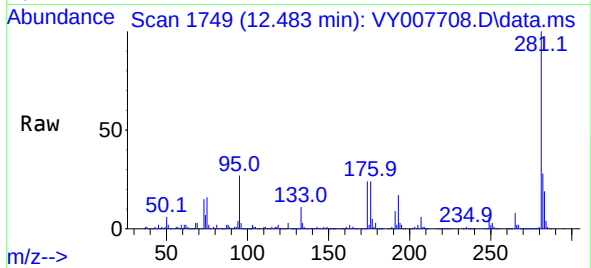
Ion	Ratio	Lower	Upper
75	100		
77	1.9	0.0	0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 111.225 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY007708.D
 Acq: 03 Mar 2022 16:42

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 119816
 Ion Ratio Lower Upper
 75 100
 53 0.2 85.3 127.9#
 89 3.9 37.0 55.4#

