

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030822\
 Data File : VY007789.D
 Acq On : 08 Mar 2022 18:48
 Operator : SY/MD
 Sample : N1763-03
 Misc : 5.86g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 09 00:29:11 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)

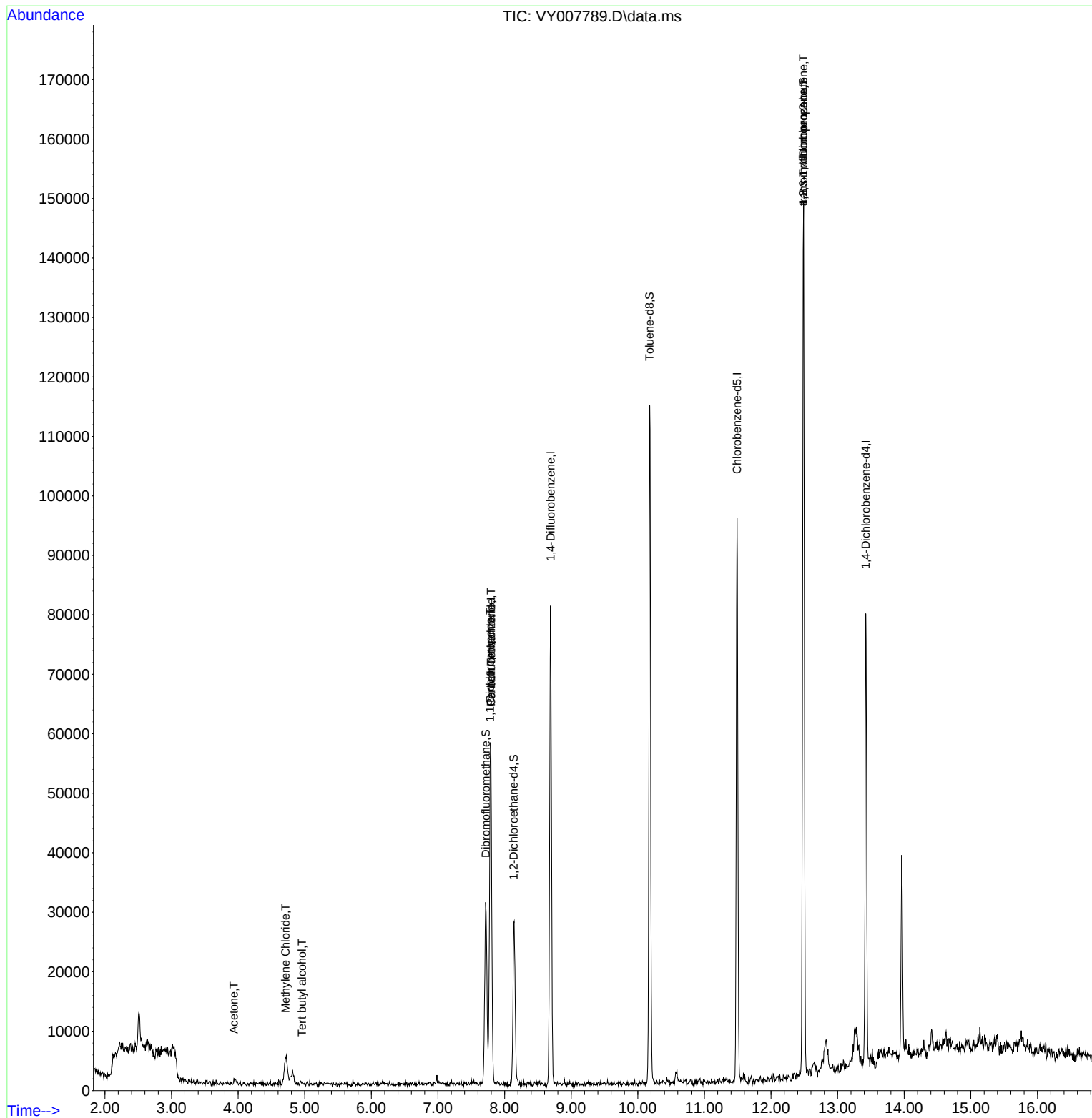
Internal Standards						
1) Pentafluorobenzene	7.795	168	45414	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	67073	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	51154	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	19231	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	20230	42.550	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.100%
35) Dibromofluoromethane	7.716	113	20818	48.547	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.100%
50) Toluene-d8	10.179	98	74780	47.374	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.740%
62) 4-Bromofluorobenzene	12.483	95	18820	36.987	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	73.980%
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	430	Below Cal		93
11) Tert butyl alcohol	4.960	59	385	9.353 ug/l	#	77
13) Acrolein	3.521	56	18	Below Cal	#	1
16) Acetone	3.936	43	1363	14.092 ug/l		98
18) Methyl Acetate	4.485	43	172	Below Cal	#	56
20) Methylene Chloride	4.710	84	3637	3.818 ug/l	#	81
31) Cyclohexane	7.789	56	1199	Below Cal	#	15
36) 1,1-Dichloropropene	7.783	75	3704	5.491 ug/l	#	46
38) Carbon Tetrachloride	7.795	117	4449	6.183 ug/l	#	14
76) 1,2,3-Trichloropropane	12.483	75	10449	48.653 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.483	75	10449	99.465 ug/l	#	9

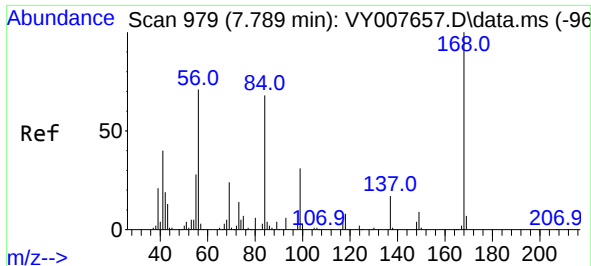
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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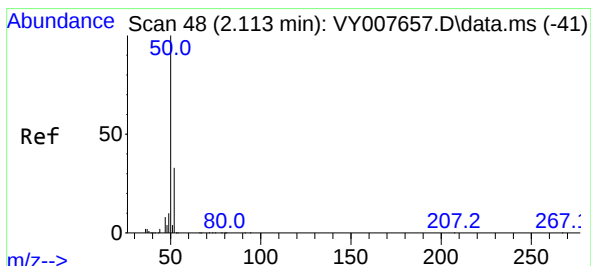
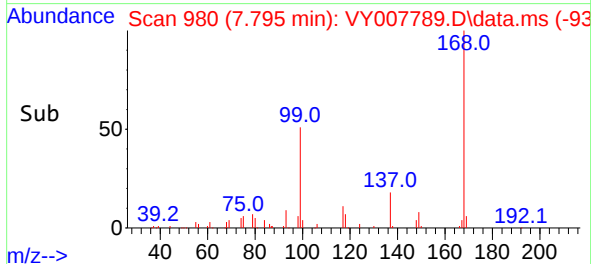
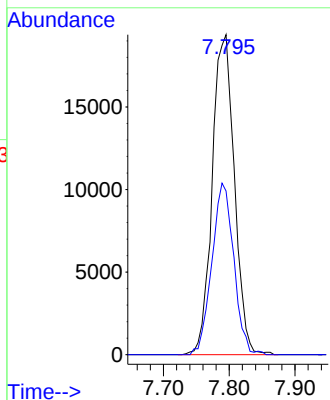
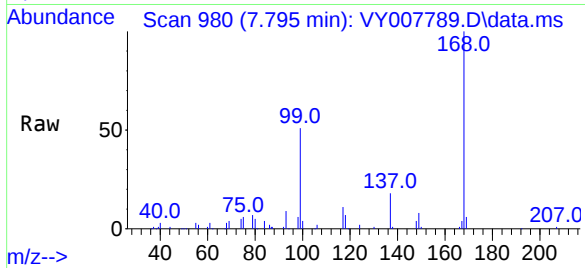




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007789.D
Acq: 08 Mar 2022 18:48

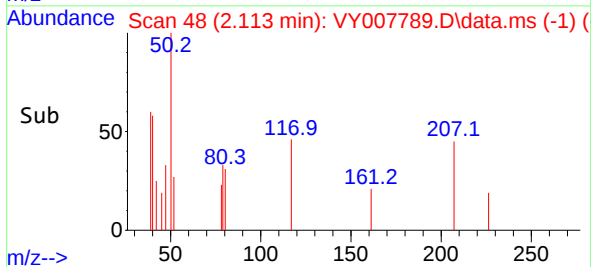
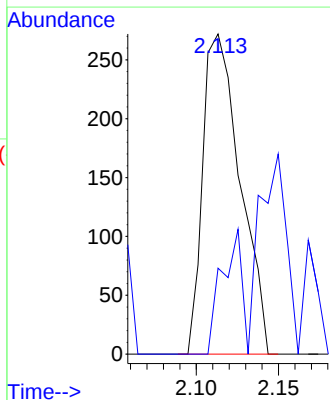
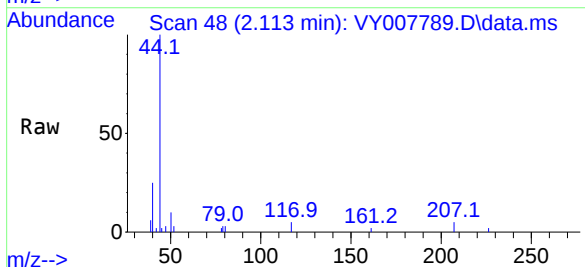
Instrument :
MSVOA_Y
ClientSampleId :

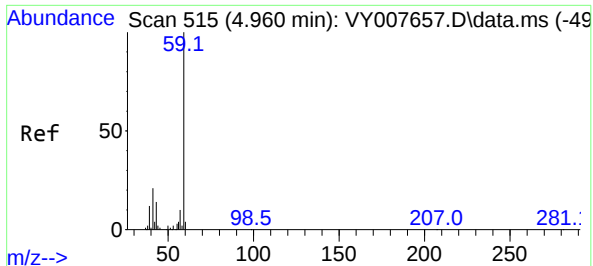
Tgt Ion:168 Resp: 45414
Ion Ratio Lower Upper
168 100
99 51.2 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY007789.D
Acq: 08 Mar 2022 18:48

Tgt Ion: 50 Resp: 430
Ion Ratio Lower Upper
50 100
52 26.8 24.6 37.0





#11

Tert butyl alcohol

Concen: 9.353 ug/l

RT: 4.960 min Scan# 515

Delta R.T. 0.000 min

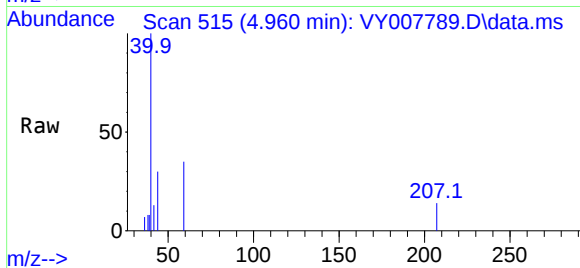
Lab File: VY007789.D

Acq: 08 Mar 2022 18:48

Instrument :

MSVOA_Y

ClientSampleId :

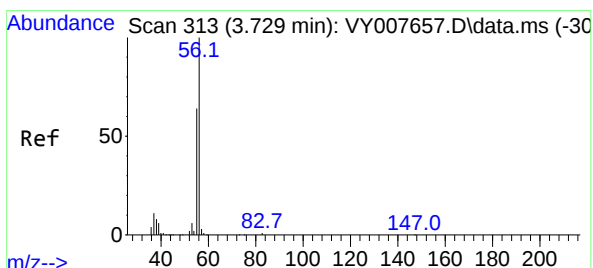
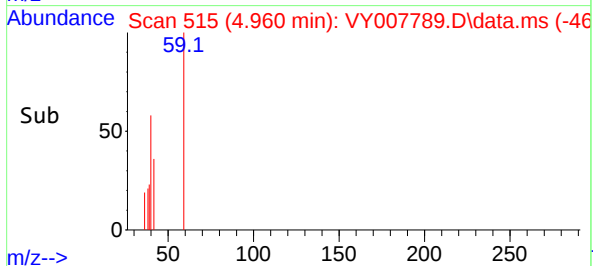
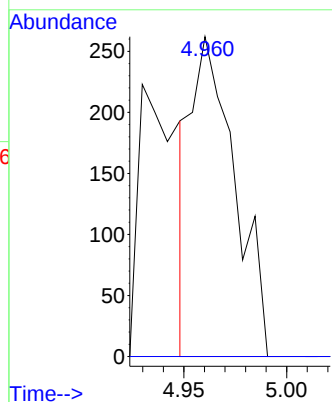


Tgt Ion: 59 Resp: 385

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#13

Acrolein

Concen: Below Cal

RT: 3.521 min Scan# 279

Delta R.T. -0.208 min

Lab File: VY007789.D

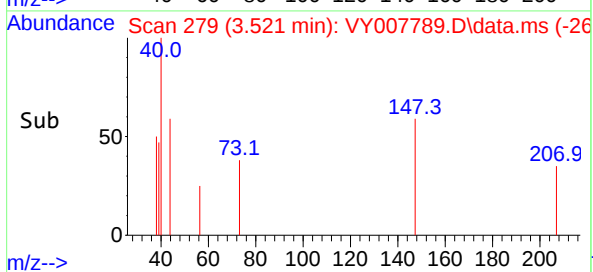
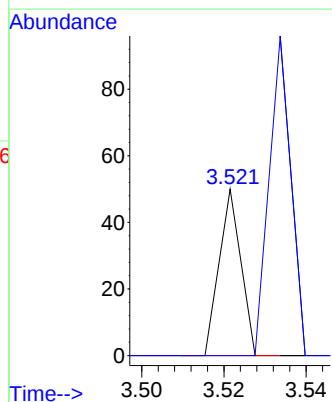
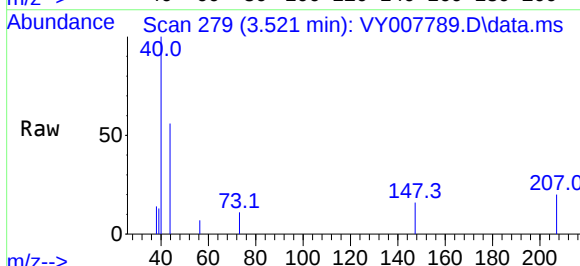
Acq: 08 Mar 2022 18:48

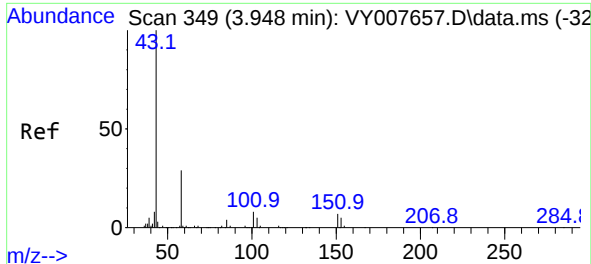
Tgt Ion: 56 Resp: 18

Ion Ratio Lower Upper

56 100

55 194.4 57.6 86.4#





#16

Acetone

Concen: 14.092 ug/l

RT: 3.936 min Scan# 34

Delta R.T. -0.012 min

Lab File: VY007789.D

Acq: 08 Mar 2022 18:48

Instrument :

MSVOA_Y

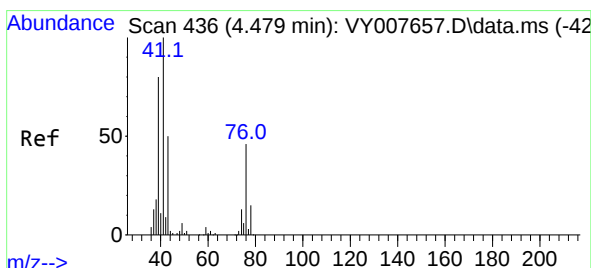
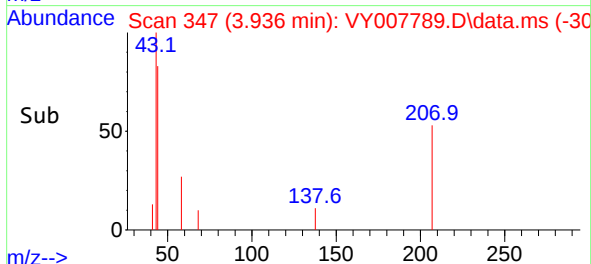
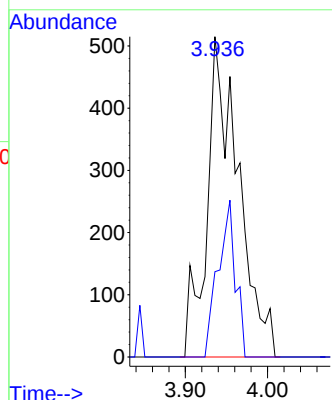
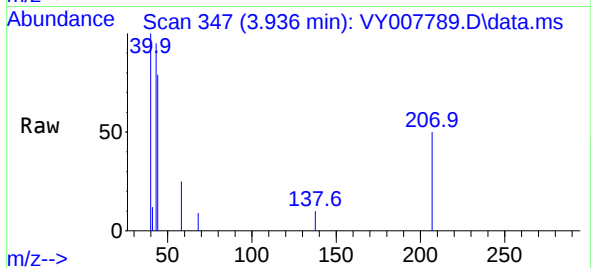
ClientSampleId :

Tgt Ion: 43 Resp: 1363

Ion Ratio Lower Upper

43 100

58 26.6 22.0 33.0



#18

Methyl Acetate

Concen: Below Cal

RT: 4.485 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY007789.D

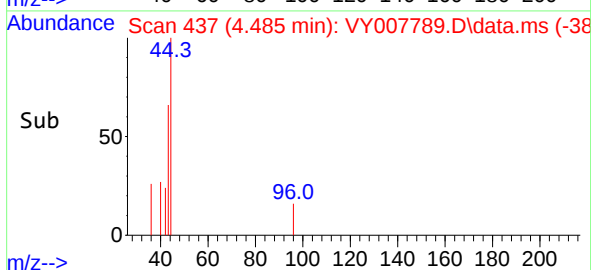
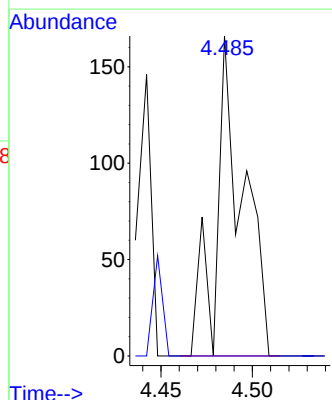
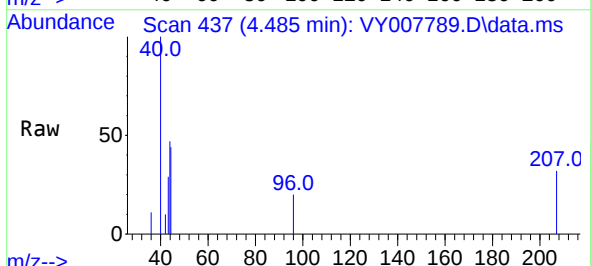
Acq: 08 Mar 2022 18:48

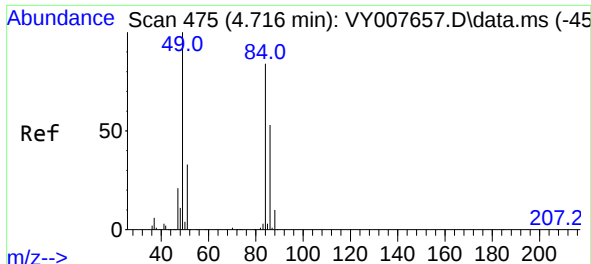
Tgt Ion: 43 Resp: 172

Ion Ratio Lower Upper

43 100

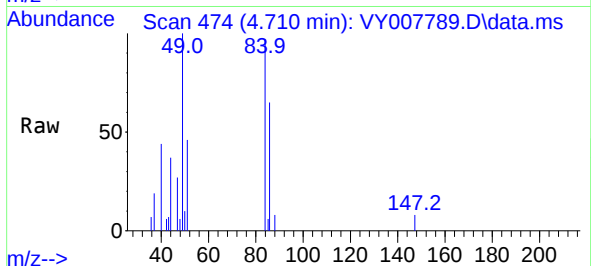
74 0.0 16.6 24.8#





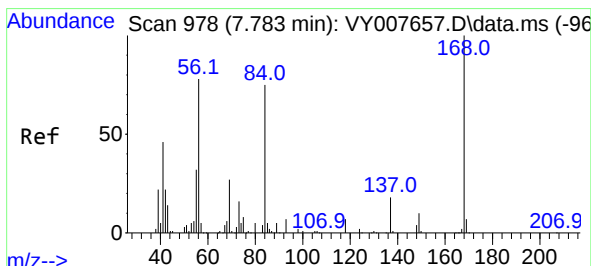
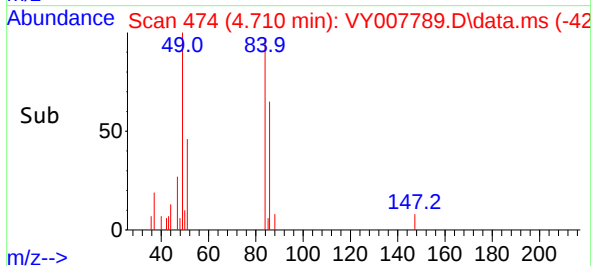
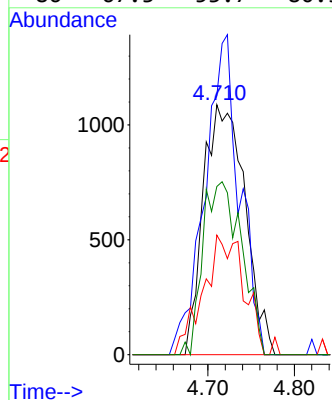
#20
Methylene Chloride
Concen: 3.818 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY007789.D
Acq: 08 Mar 2022 18:48

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 3637

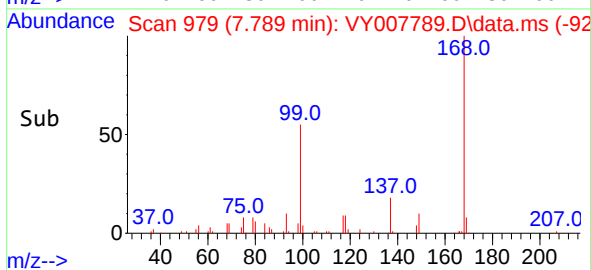
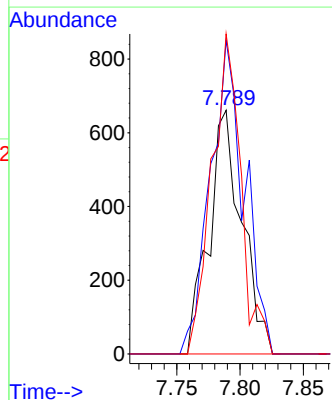
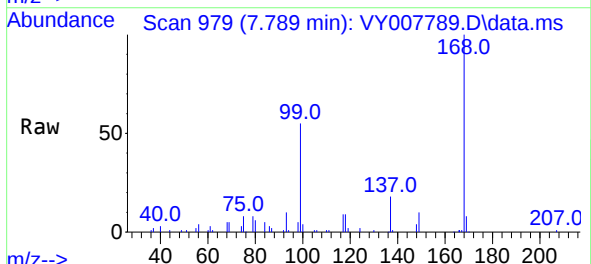
Ion	Ratio	Lower	Upper
84	100		
49	103.6	114.4	171.6#
51	47.8	35.3	52.9
86	67.3	53.7	80.5

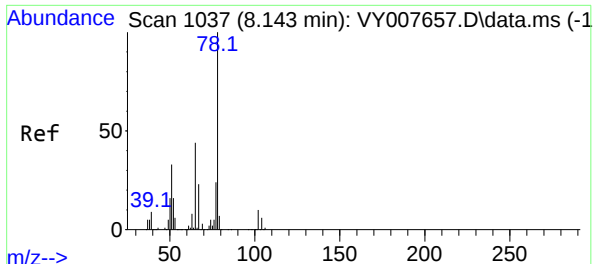


#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY007789.D
Acq: 08 Mar 2022 18:48

Tgt Ion: 56 Resp: 1199

Ion	Ratio	Lower	Upper
56	100		
69	128.7	26.7	40.1#
84	131.3	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 42.550 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY007789.D

Acq: 08 Mar 2022 18:48

Instrument :

MSVOA_Y

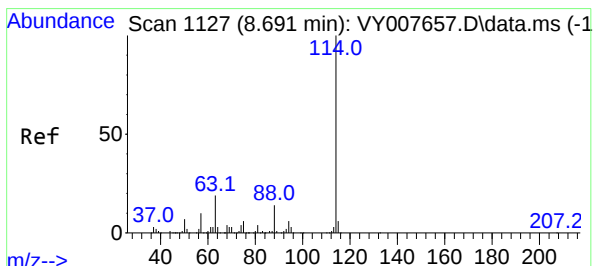
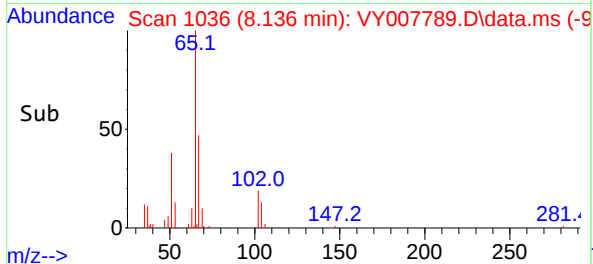
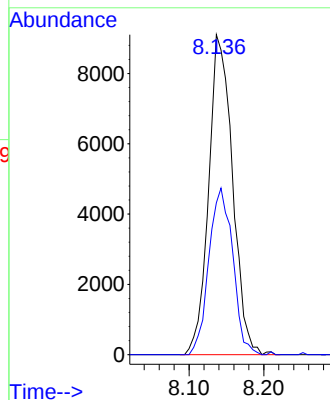
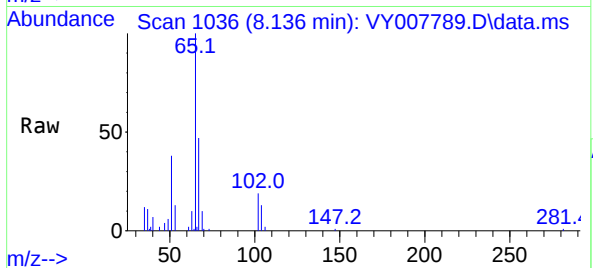
ClientSampleId :

Tgt Ion: 65 Resp: 20230

Ion Ratio Lower Upper

65 100

67 52.1 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: VY007789.D

Acq: 08 Mar 2022 18:48

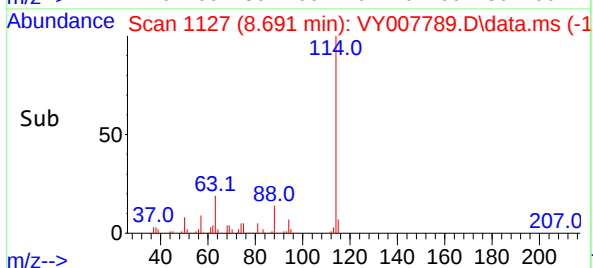
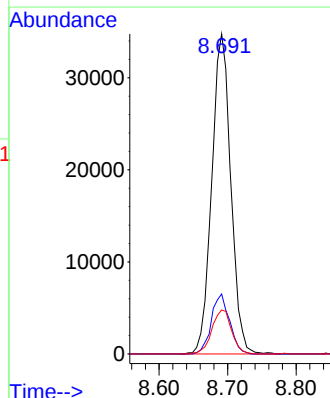
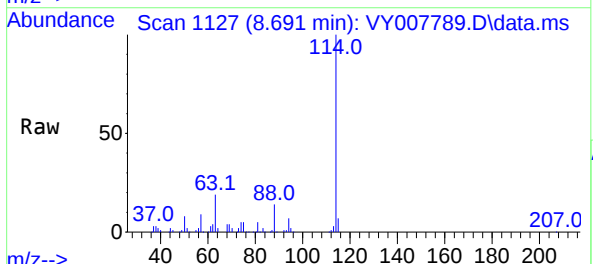
Tgt Ion: 114 Resp: 67073

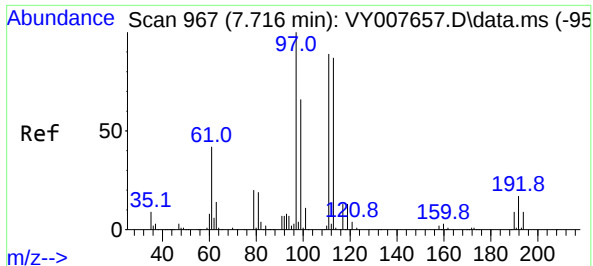
Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

88 13.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 48.547 ug/l

RT: 7.716 min Scan# 90

Delta R.T. -0.000 min

Lab File: VY007789.D

Acq: 08 Mar 2022 18:48

Instrument :

MSVOA_Y

ClientSampleId :

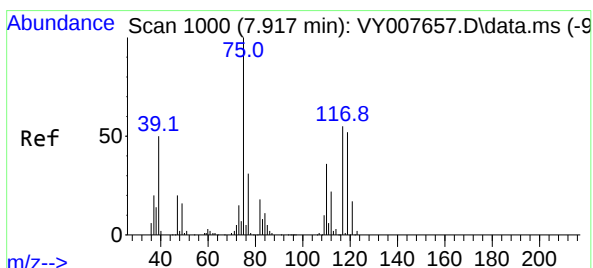
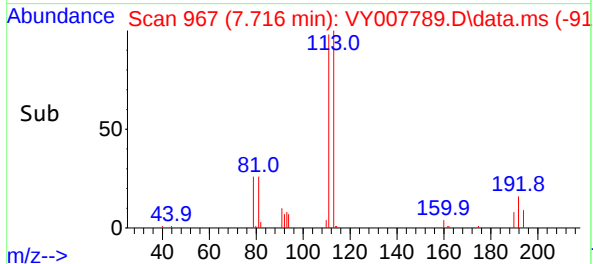
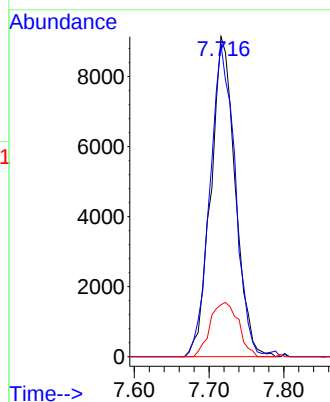
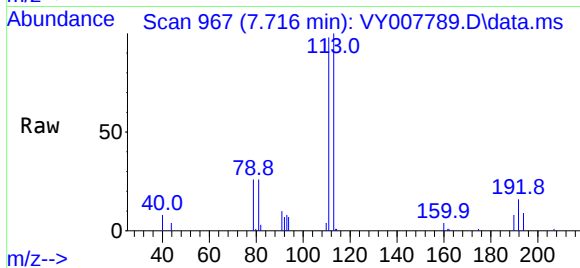
Tgt Ion:113 Resp: 20818

Ion Ratio Lower Upper

113 100

111 100.1 82.6 124.0

192 19.5 17.6 26.4



#36

1,1-Dichloropropene

Concen: 5.491 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.134 min

Lab File: VY007789.D

Acq: 08 Mar 2022 18:48

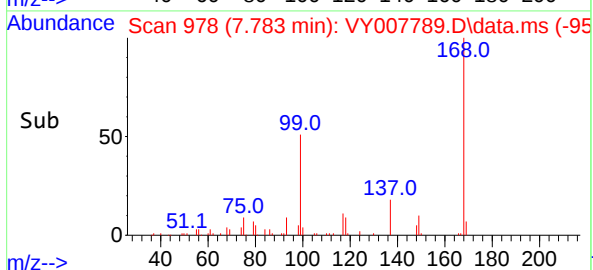
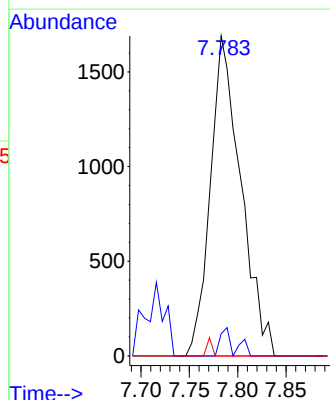
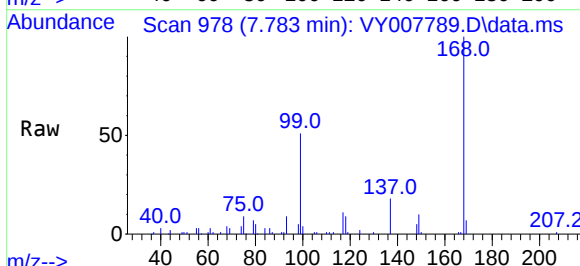
Tgt Ion: 75 Resp: 3704

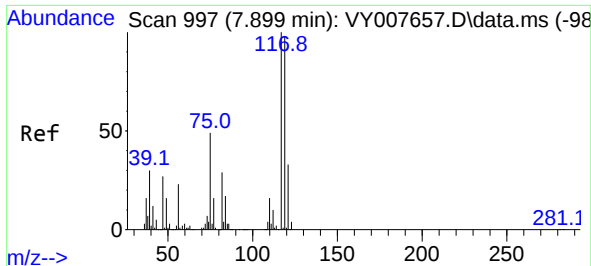
Ion Ratio Lower Upper

75 100

110 3.2 17.1 51.2#

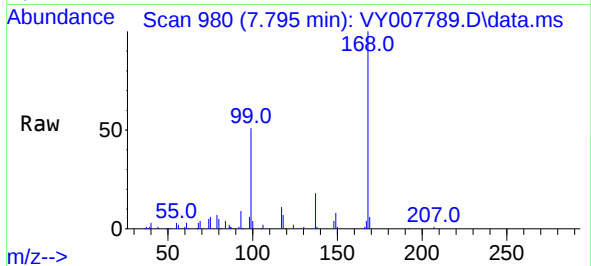
77 0.9 24.4 36.6#



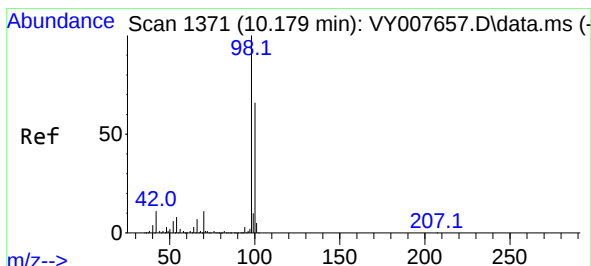
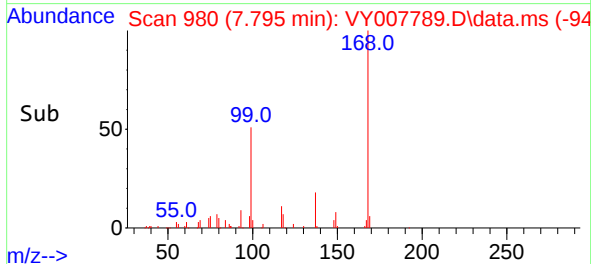
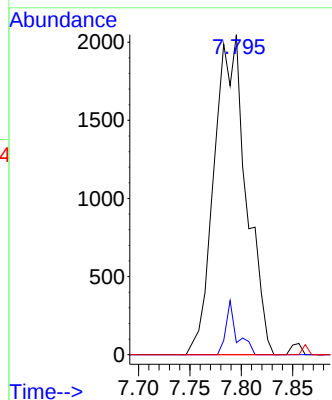


#38
Carbon Tetrachloride
Concen: 6.183 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY007789.D
Acq: 08 Mar 2022 18:48

Instrument :
MSVOA_Y
ClientSampleId :

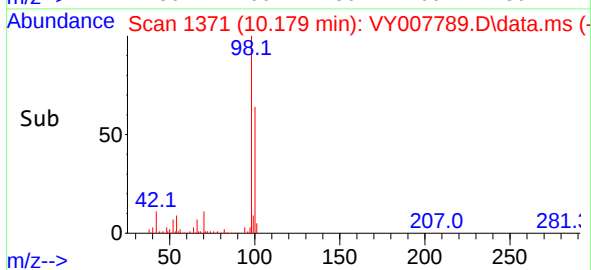
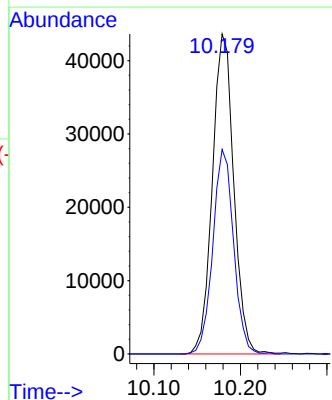
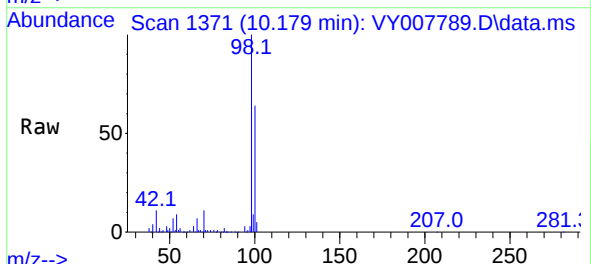


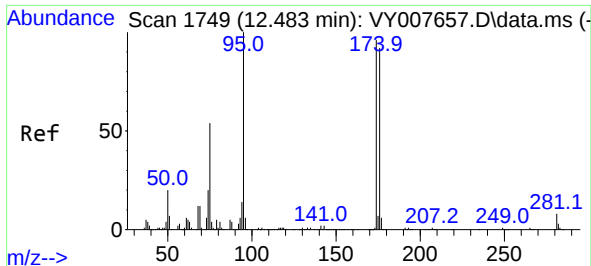
Tgt Ion:117 Resp: 4449
Ion Ratio Lower Upper
117 100
119 3.8 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 47.374 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007789.D
Acq: 08 Mar 2022 18:48

Tgt Ion: 98 Resp: 74780
Ion Ratio Lower Upper
98 100
100 62.0 50.2 75.2

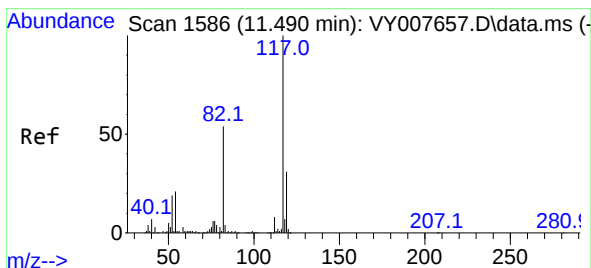
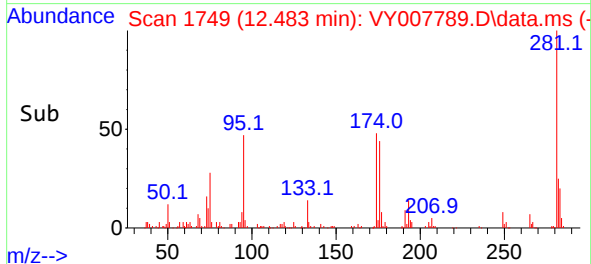
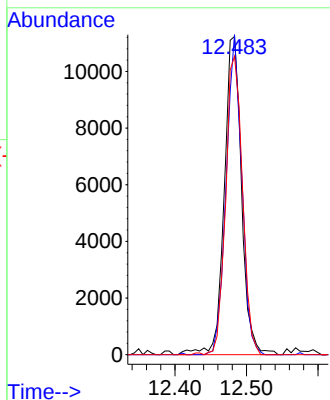
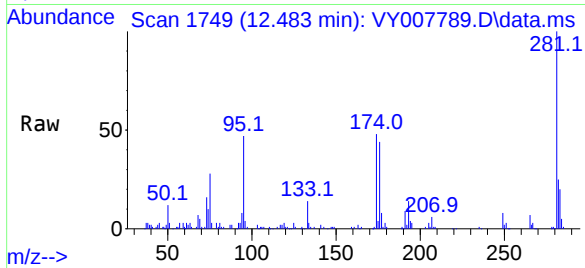




#62
4-Bromofluorobenzene
Concen: 36.987 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007789.D
Acq: 08 Mar 2022 18:48

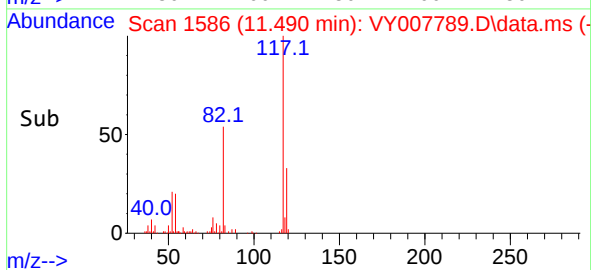
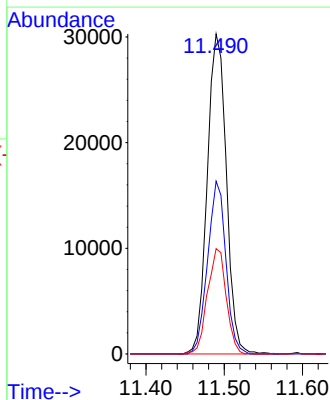
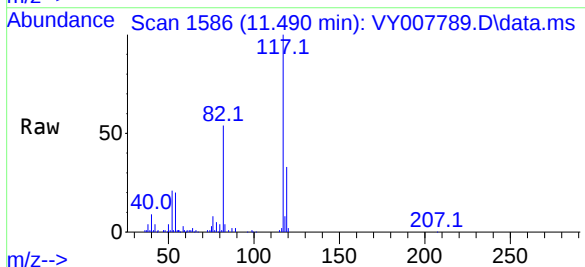
Instrument :
MSVOA_Y
ClientSampleId :

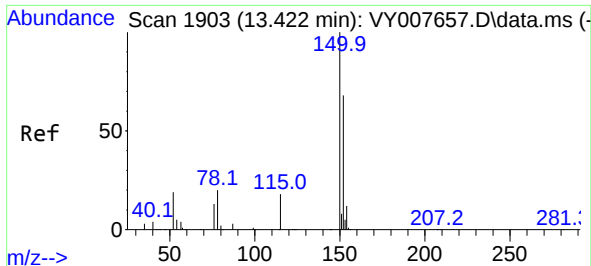
Tgt Ion: 95 Resp: 18820
Ion Ratio Lower Upper
95 100
174 90.7 0.0 177.0
176 91.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007789.D
Acq: 08 Mar 2022 18:48

Tgt Ion: 117 Resp: 51154
Ion Ratio Lower Upper
117 100
82 54.0 43.0 64.4
119 32.9 25.4 38.0



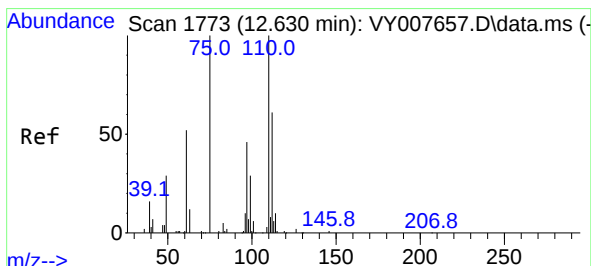
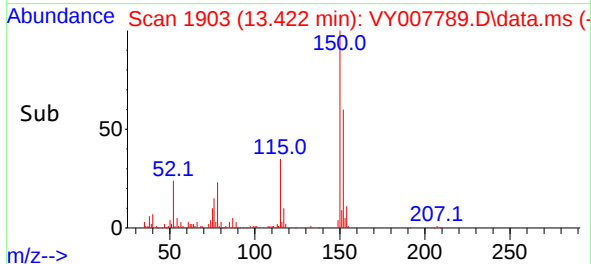
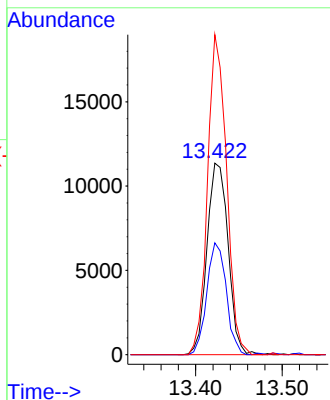
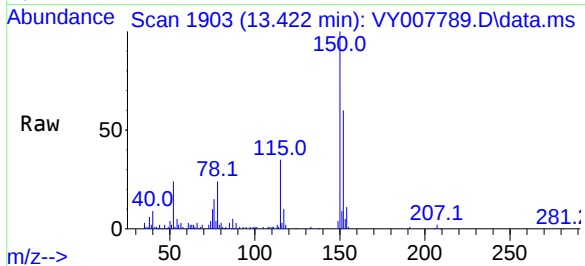


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY007789.D
 Acq: 08 Mar 2022 18:48

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:152 Resp: 19231

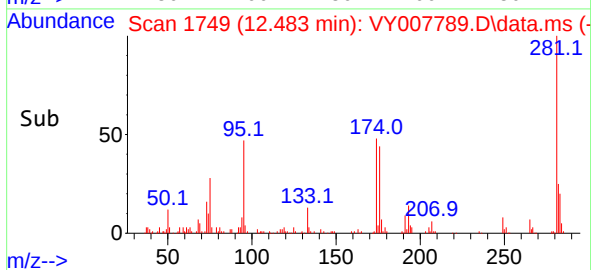
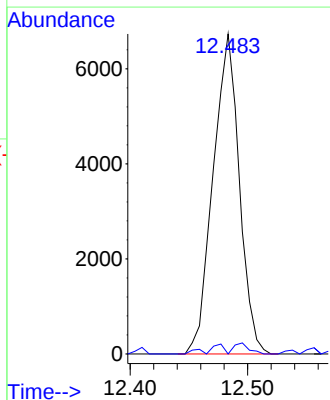
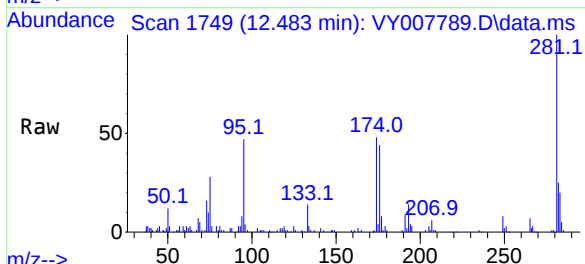
Ion	Ratio	Lower	Upper
152	100		
115	53.8	28.2	84.7
150	150.1	0.0	347.6

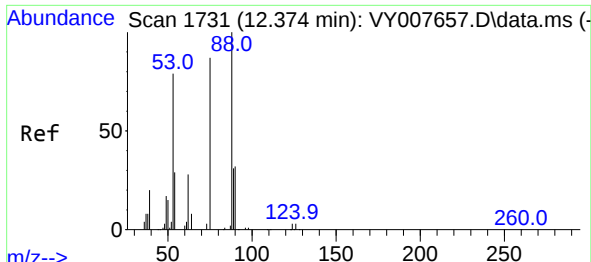


#76
 1,2,3-Trichloropropane
 Concen: 48.653 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY007789.D
 Acq: 08 Mar 2022 18:48

Tgt Ion: 75 Resp: 10449

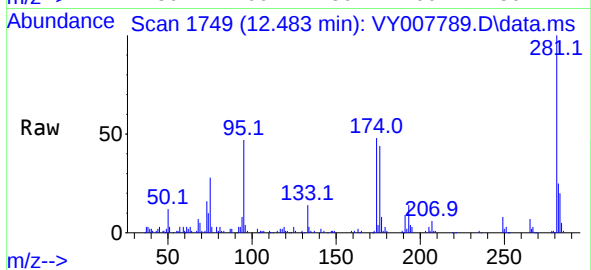
Ion	Ratio	Lower	Upper
75	100		
77	1.9	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 99.465 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.109 min
Lab File: VY007789.D
Acq: 08 Mar 2022 18:48

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 10449
Ion Ratio Lower Upper
75 100
53 1.8 85.3 127.9#
89 1.5 37.0 55.4#

