

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020322\
 Data File : VY007370.D
 Acq On : 03 Feb 2022 11:48
 Operator : SY/MD
 Sample : N1381-02
 Misc : 6.26g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 04 08:39:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	109791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	203816	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	191036	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	81096	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	68597	54.319	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.640%
35) Dibromofluoromethane	7.722	113	67430	51.521	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.040%
50) Toluene-d8	10.179	98	250738	51.856	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.720%
62) 4-Bromofluorobenzene	12.483	95	88304	53.730	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.460%

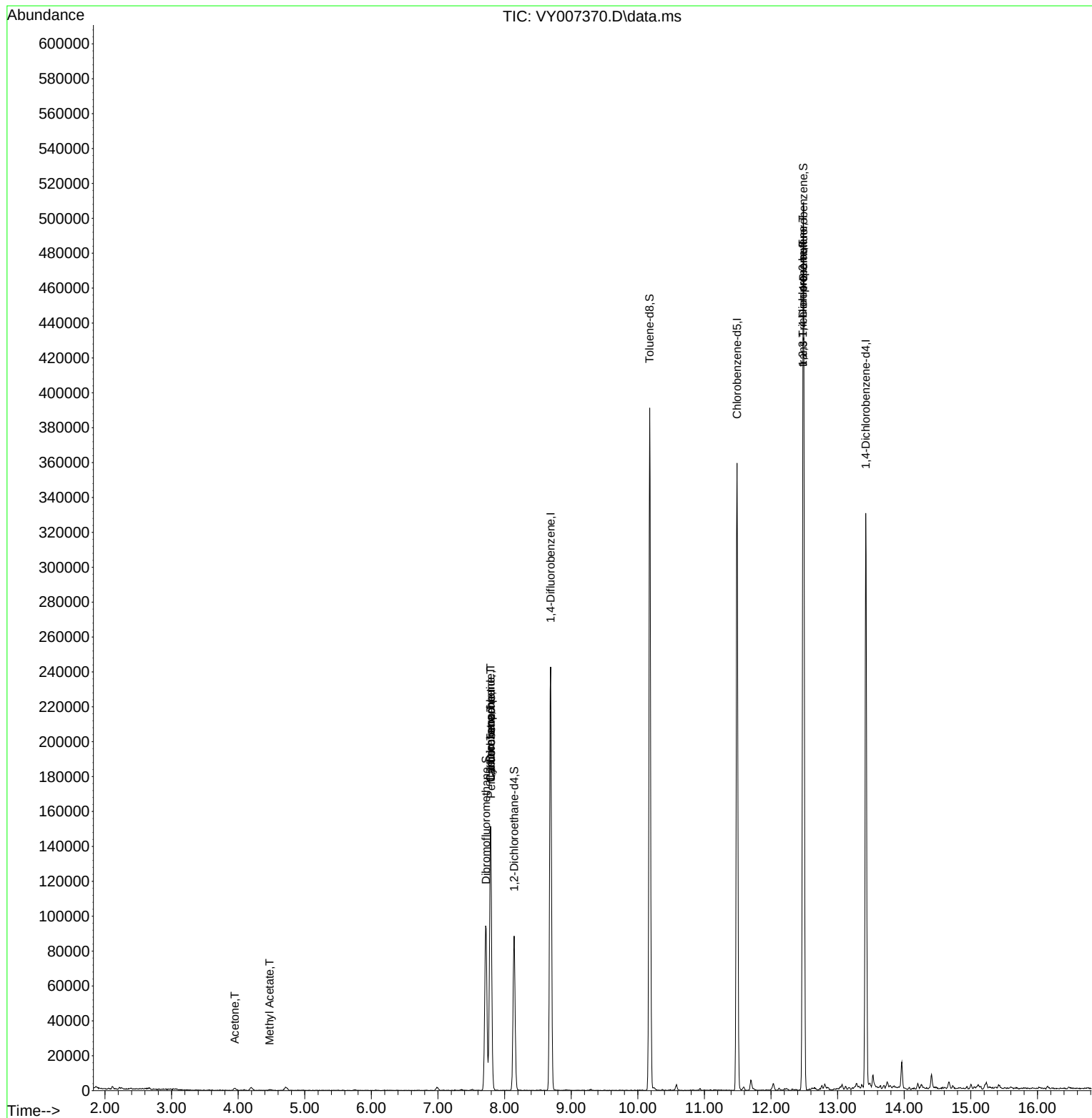
Target Compounds					Qvalue
3) Chloromethane	2.107	50	1197	Below Cal	# 80
11) Tert butyl alcohol	4.954	59	91	Below Cal	# 77
16) Acetone	3.948	43	2354	5.739	ug/l # 89
18) Methyl Acetate	4.472	43	1032	1.343	ug/l 94
20) Methylene Chloride	4.716	84	1290	Below Cal	# 84
31) Cyclohexane	7.789	56	2482	1.007	ug/l # 4
36) 1,1-Dichloropropene	7.789	75	9150	3.999	ug/l # 52
38) Carbon Tetrachloride	7.789	117	12318	5.124	ug/l # 14
76) 1,2,3-Trichloropropane	12.477	75	50384	52.261	ug/l # 100
81) trans-1,4-Dichloro-2-b...	12.477	75	50384	104.701	ug/l # 8

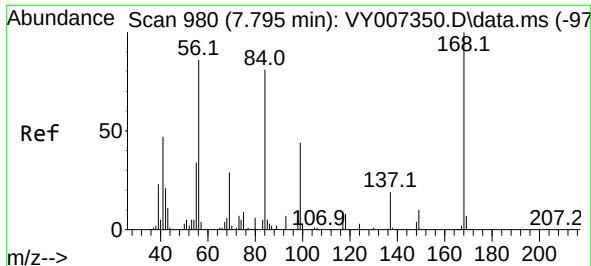
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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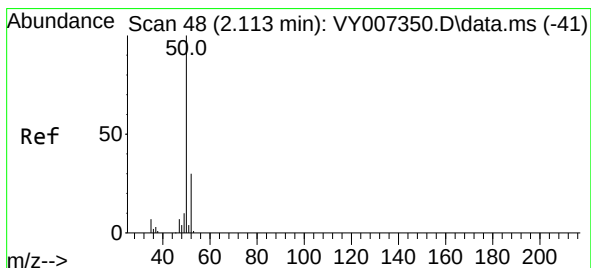
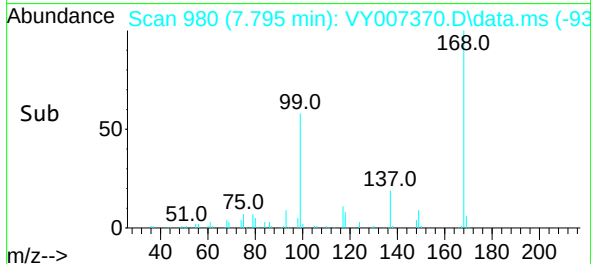
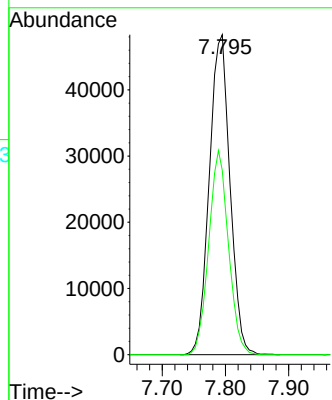
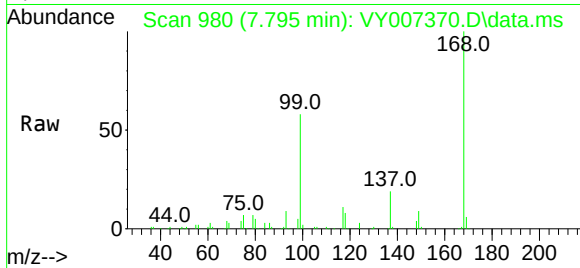




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007370.D
Acq: 03 Feb 2022 11:48

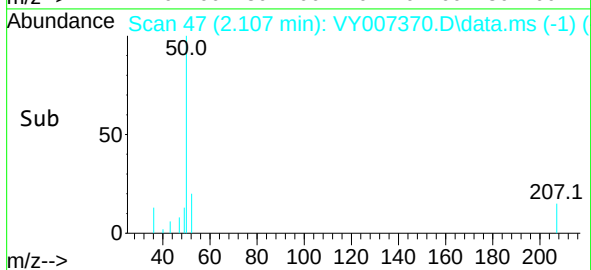
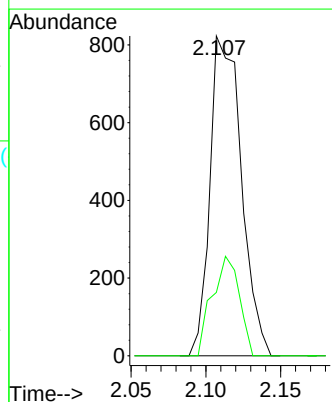
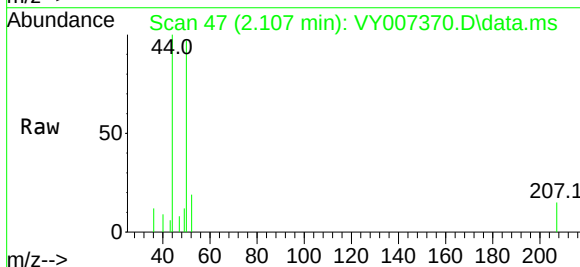
Instrument :
MSVOA_Y
ClientSampleId :

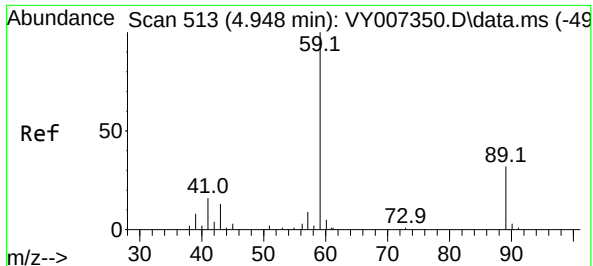
Tgt Ion:168 Resp: 109791
Ion Ratio Lower Upper
168 100
99 57.6 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 47
Delta R.T. -0.006 min
Lab File: VY007370.D
Acq: 03 Feb 2022 11:48

Tgt Ion: 50 Resp: 1197
Ion Ratio Lower Upper
50 100
52 19.8 24.6 37.0#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.954 min Scan# 513

Delta R.T. 0.006 min

Lab File: VY007370.D

Acq: 03 Feb 2022 11:48

Instrument :

MSVOA_Y

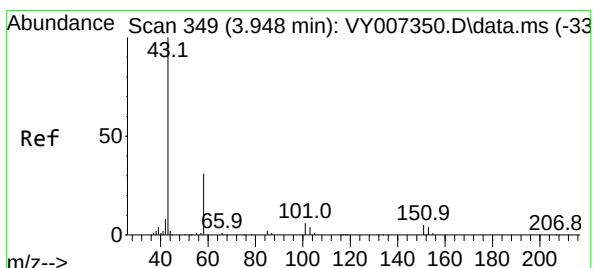
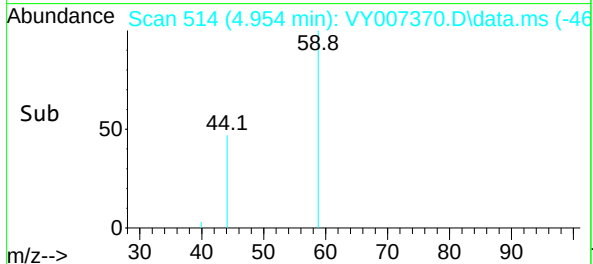
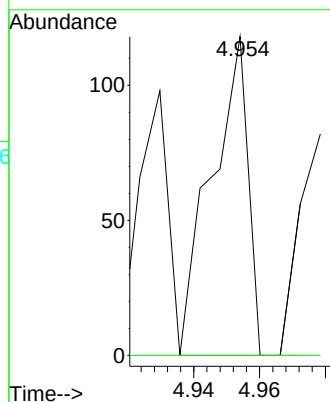
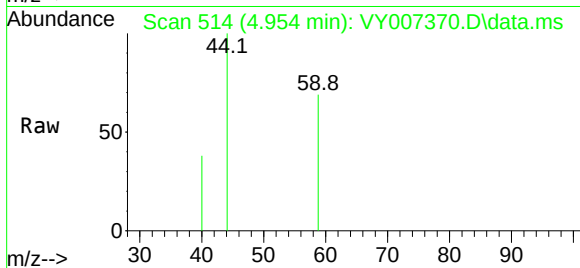
ClientSampleId :

Tgt Ion: 59 Resp: 91

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 5.739 ug/l

RT: 3.948 min Scan# 349

Delta R.T. -0.000 min

Lab File: VY007370.D

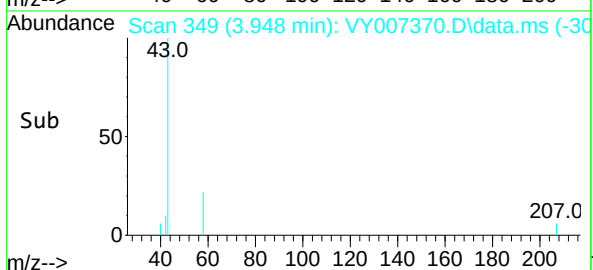
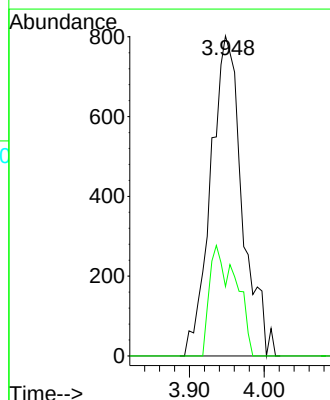
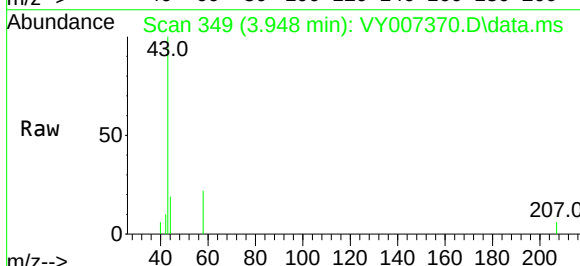
Acq: 03 Feb 2022 11:48

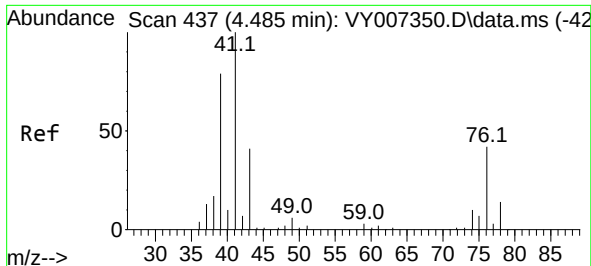
Tgt Ion: 43 Resp: 2354

Ion Ratio Lower Upper

43 100

58 21.7 22.0 33.0#

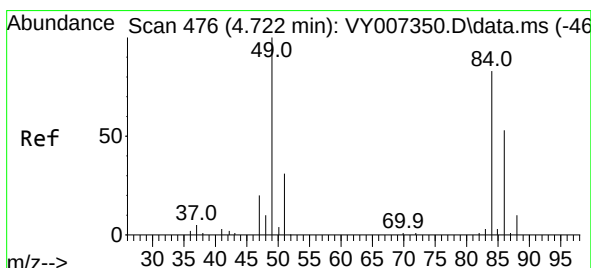
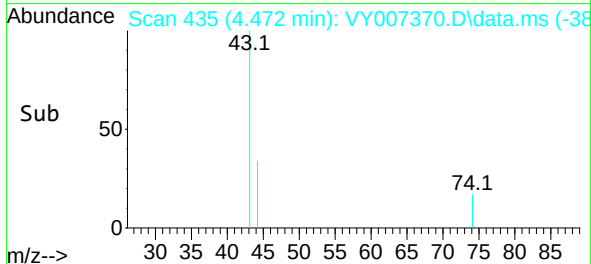
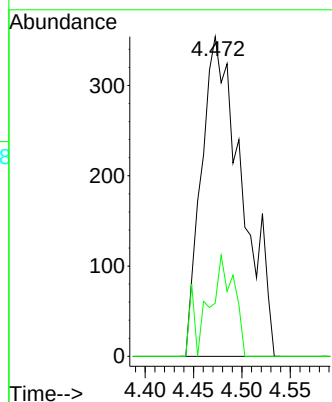
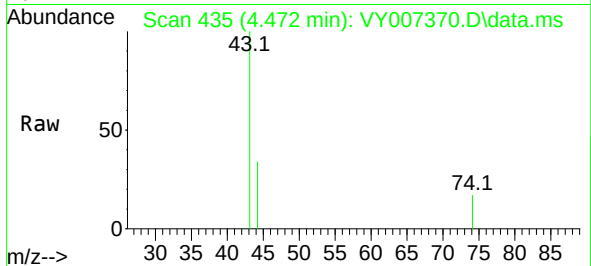




#18
Methyl Acetate
Concen: 1.343 ug/l
RT: 4.472 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY007370.D
Acq: 03 Feb 2022 11:48

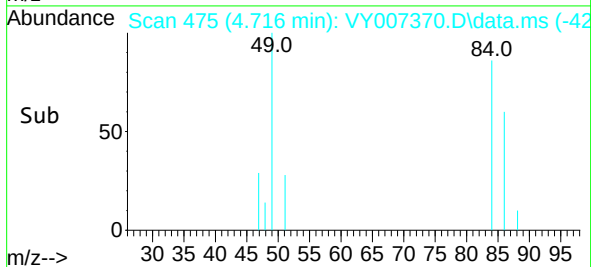
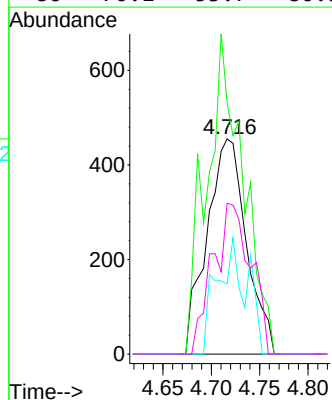
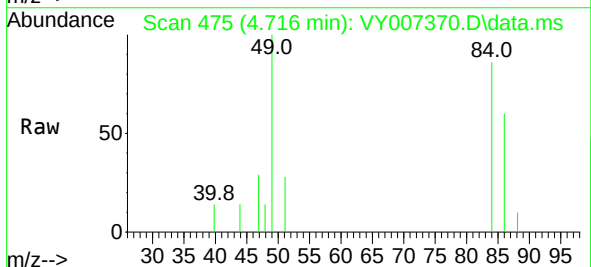
Instrument :
MSVOA_Y
ClientSampleId :

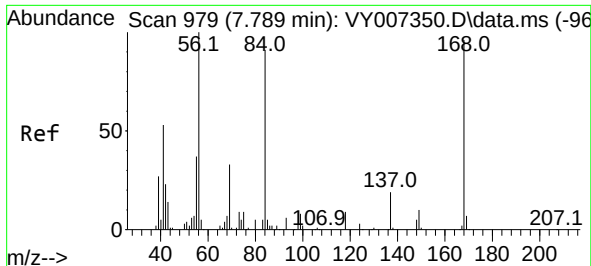
Tgt Ion: 43 Resp: 1032
Ion Ratio Lower Upper
43 100
74 17.9 16.6 24.8



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY007370.D
Acq: 03 Feb 2022 11:48

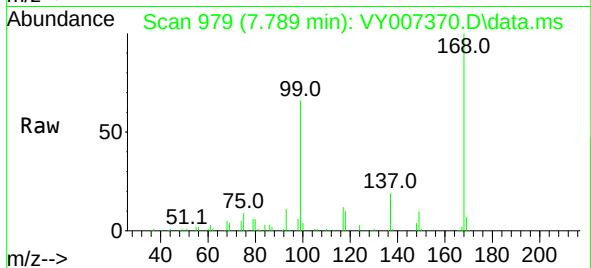
Tgt Ion: 84 Resp: 1290
Ion Ratio Lower Upper
84 100
49 116.9 114.4 171.6
51 32.7 35.3 52.9#
86 70.1 53.7 80.5



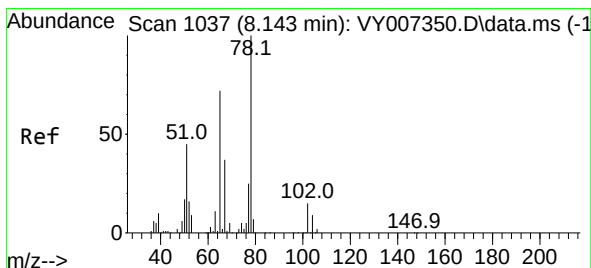
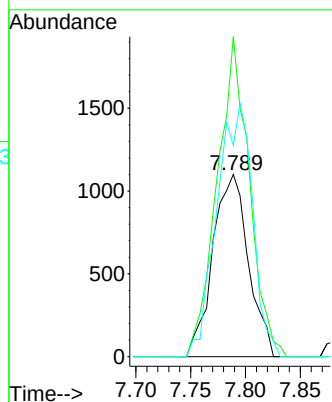
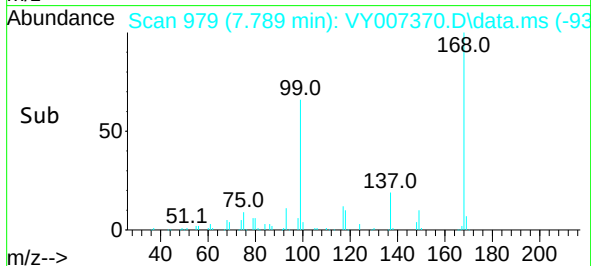


#31
Cyclohexane
Concen: 1.007 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007370.D
Acq: 03 Feb 2022 11:48

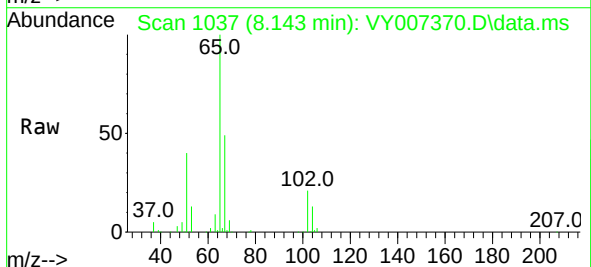
Instrument :
MSVOA_Y
ClientSampleId :



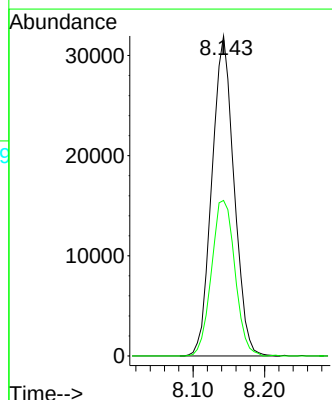
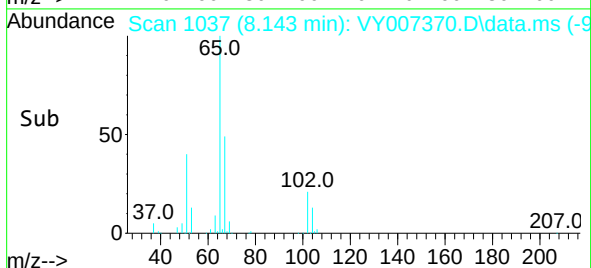
Tgt Ion: 56 Resp: 2482
Ion Ratio Lower Upper
56 100
69 175.6 26.7 40.1#
84 116.0 67.2 100.8#

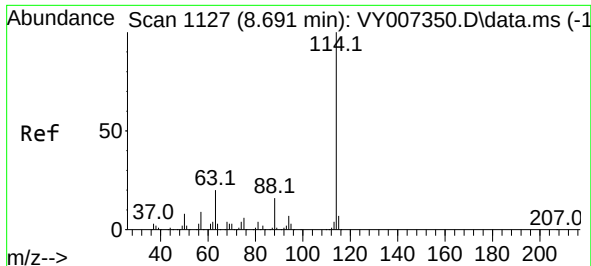


#33
1,2-Dichloroethane-d4
Concen: 54.319 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007370.D
Acq: 03 Feb 2022 11:48



Tgt Ion: 65 Resp: 68597
Ion Ratio Lower Upper
65 100
67 51.6 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

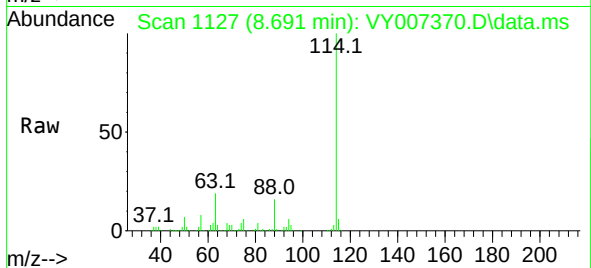
Lab File: VY007370.D

Acq: 03 Feb 2022 11:48

Instrument :

MSVOA_Y

ClientSampleId :



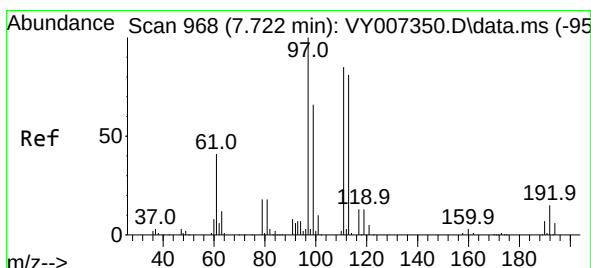
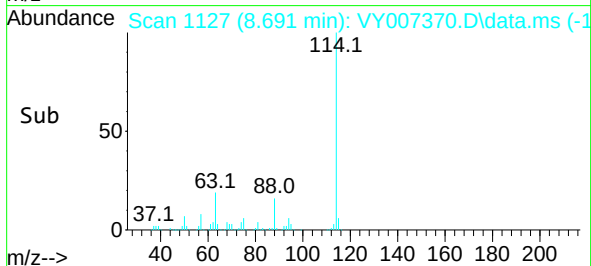
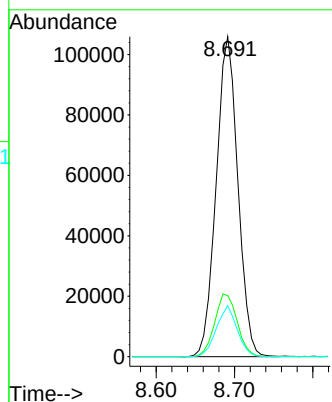
Tgt Ion:114 Resp: 203816

Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

88 16.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.521 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY007370.D

Acq: 03 Feb 2022 11:48

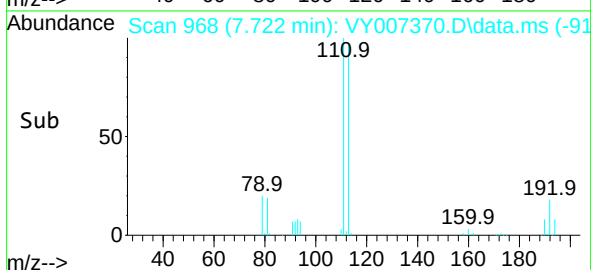
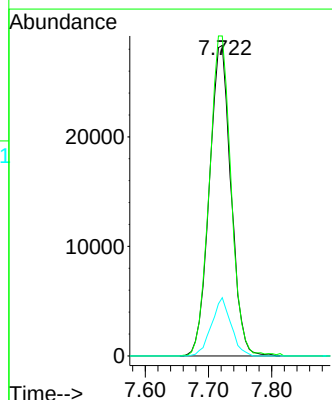
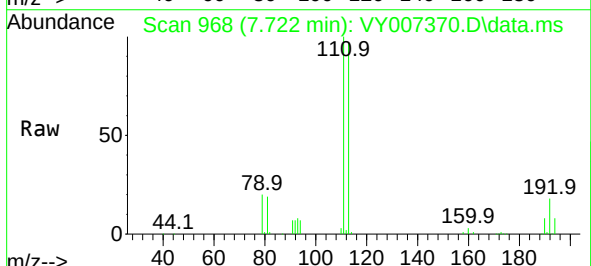
Tgt Ion:113 Resp: 67430

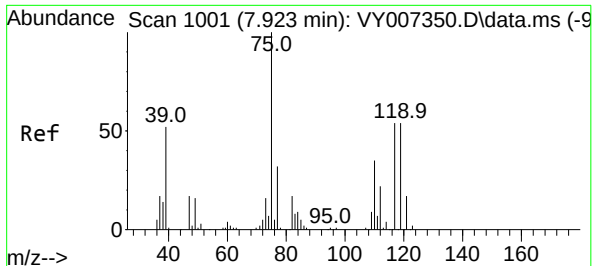
Ion Ratio Lower Upper

113 100

111 103.3 82.6 124.0

192 16.9 17.6 26.4#





#36

1,1-Dichloropropene

Concen: 3.999 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.134 min

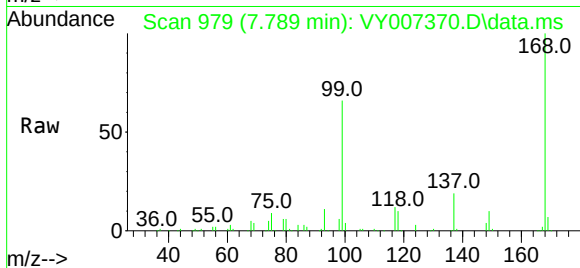
Lab File: VY007370.D

Acq: 03 Feb 2022 11:48

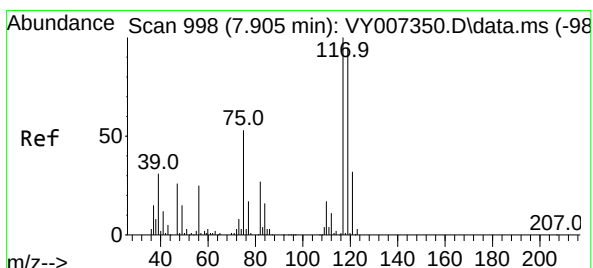
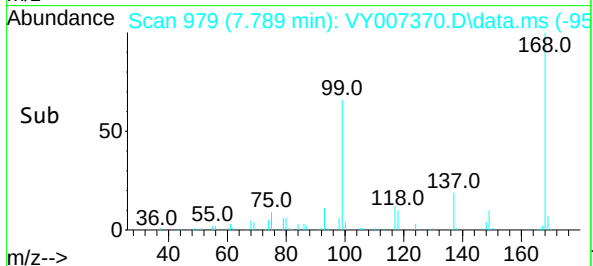
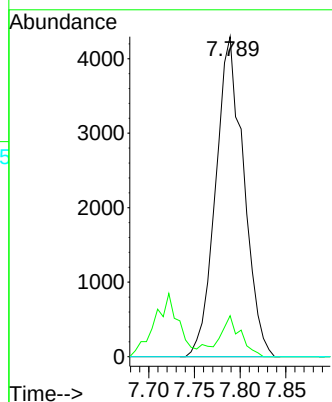
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 9150
Ion Ratio	Lower Upper
75 100	
110 10.3	17.1 51.2#
77 0.0	24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.124 ug/l

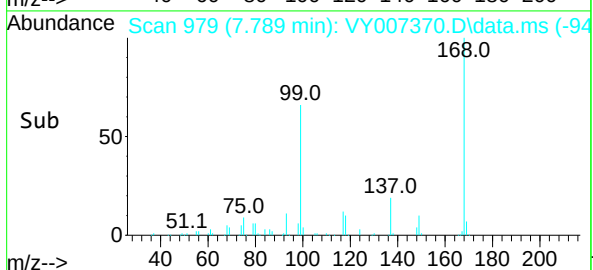
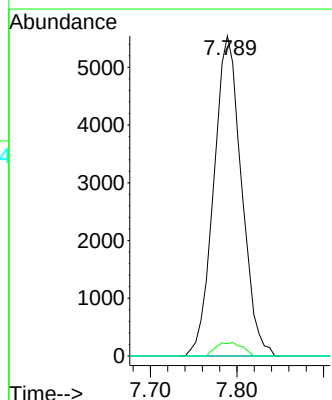
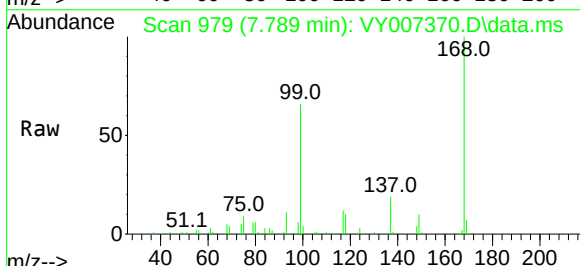
RT: 7.789 min Scan# 979

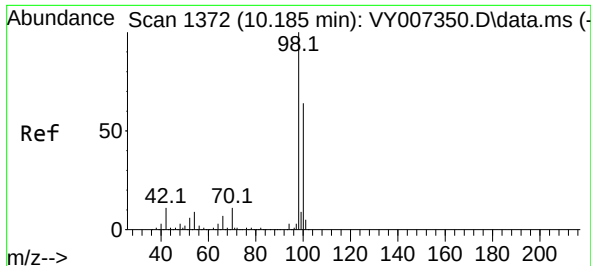
Delta R.T. -0.116 min

Lab File: VY007370.D

Acq: 03 Feb 2022 11:48

Tgt Ion: 117	Resp: 12318
Ion Ratio	Lower Upper
117 100	
119 3.9	77.9 116.9#
121 0.0	24.8 37.2#

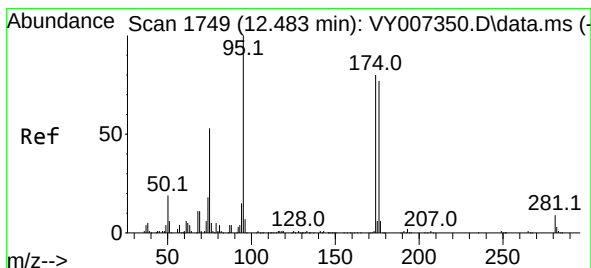
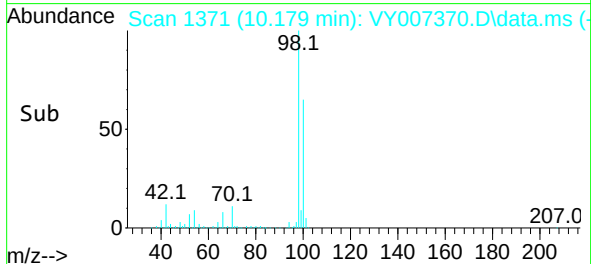
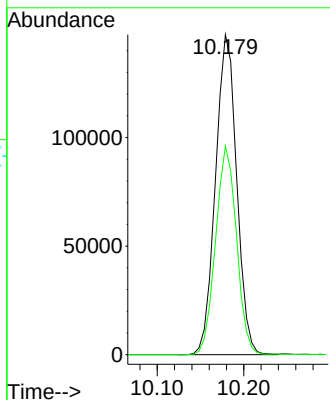
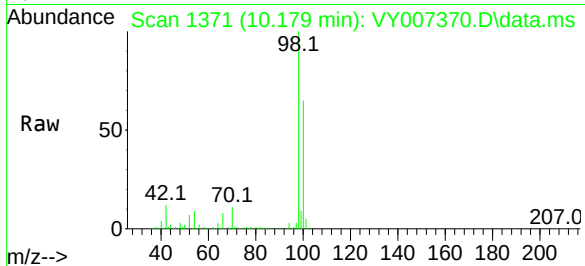




#50
Toluene-d8
Concen: 51.856 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007370.D
Acq: 03 Feb 2022 11:48

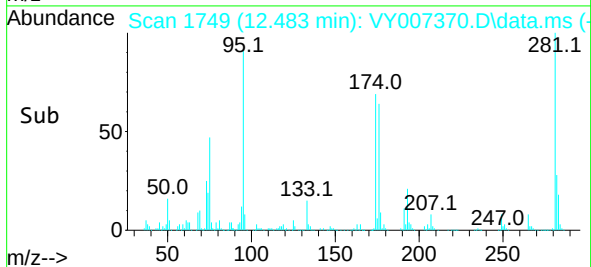
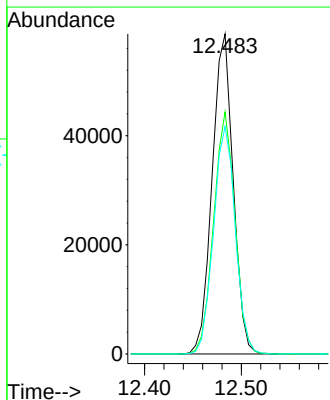
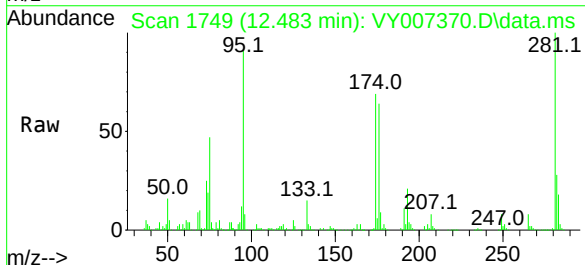
Instrument :
MSVOA_Y
ClientSampleId :

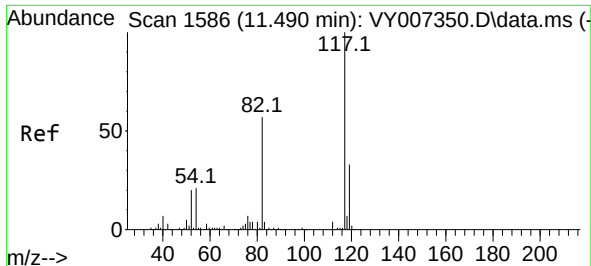
Tgt Ion: 98 Resp: 250738
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 53.730 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007370.D
Acq: 03 Feb 2022 11:48

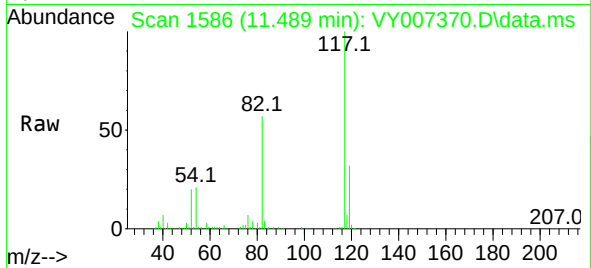
Tgt Ion: 95 Resp: 88304
Ion Ratio Lower Upper
95 100
174 76.9 0.0 177.0
176 73.6 0.0 175.8



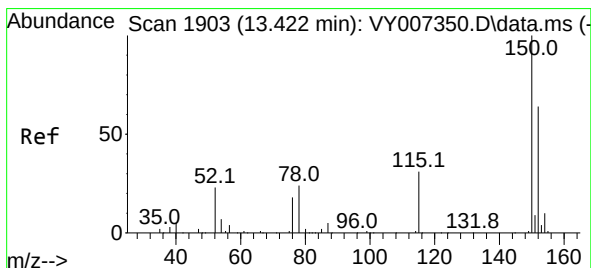
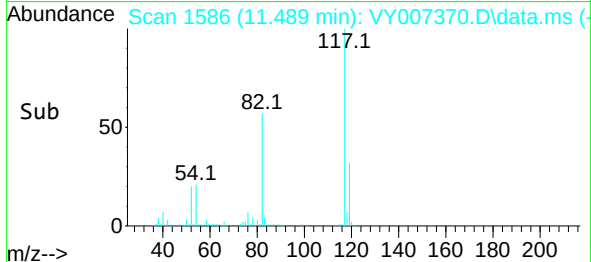
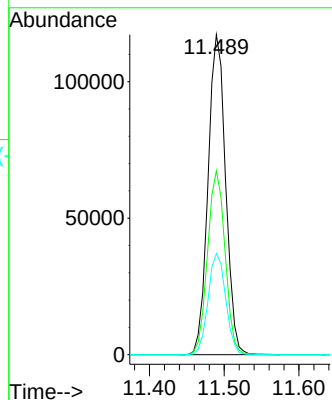


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007370.D
Acq: 03 Feb 2022 11:48

Instrument :
MSVOA_Y
ClientSampleId :

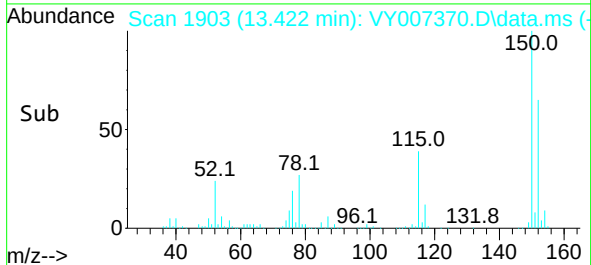
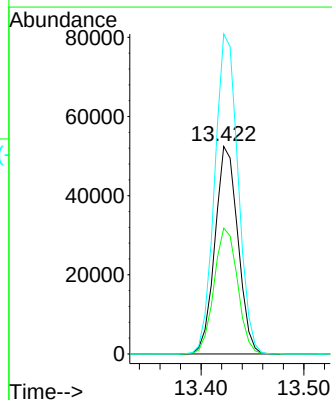
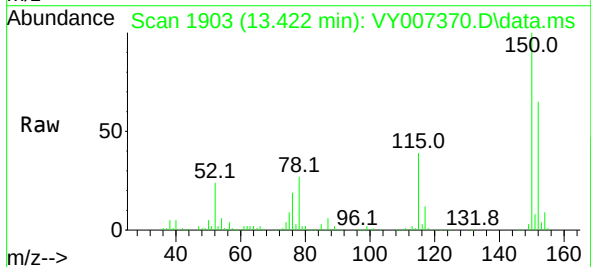


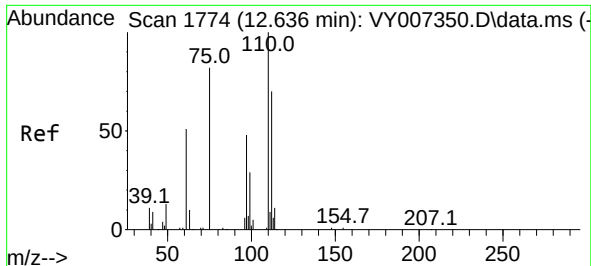
Tgt Ion:117 Resp: 191036
Ion Ratio Lower Upper
117 100
82 57.4 43.0 64.4
119 31.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY007370.D
Acq: 03 Feb 2022 11:48

Tgt Ion:152 Resp: 81096
Ion Ratio Lower Upper
152 100
115 62.0 28.2 84.7
150 157.0 0.0 347.6

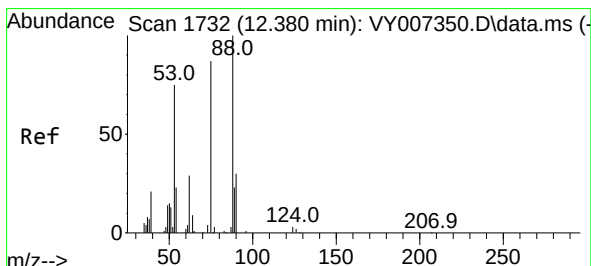
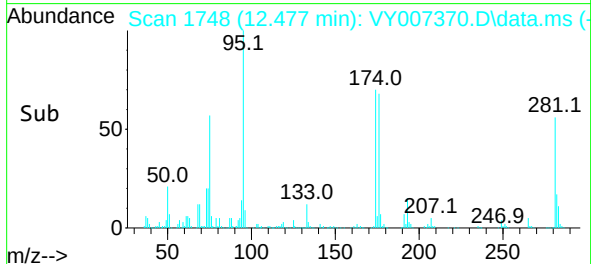
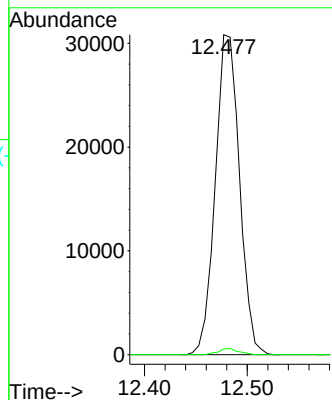
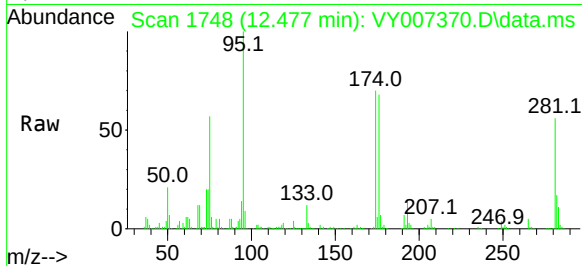




#76
1,2,3-Trichloropropane
Concen: 52.261 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY007370.D
Acq: 03 Feb 2022 11:48

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 50384
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 104.701 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY007370.D
Acq: 03 Feb 2022 11:48

Tgt Ion: 75 Resp: 50384
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 2.4 37.0 55.4#

