

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020322\
 Data File : VY007372.D
 Acq On : 03 Feb 2022 12:35
 Operator : SY/MD
 Sample : N1381-06
 Misc : 5.89g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 04 08:39:50 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)

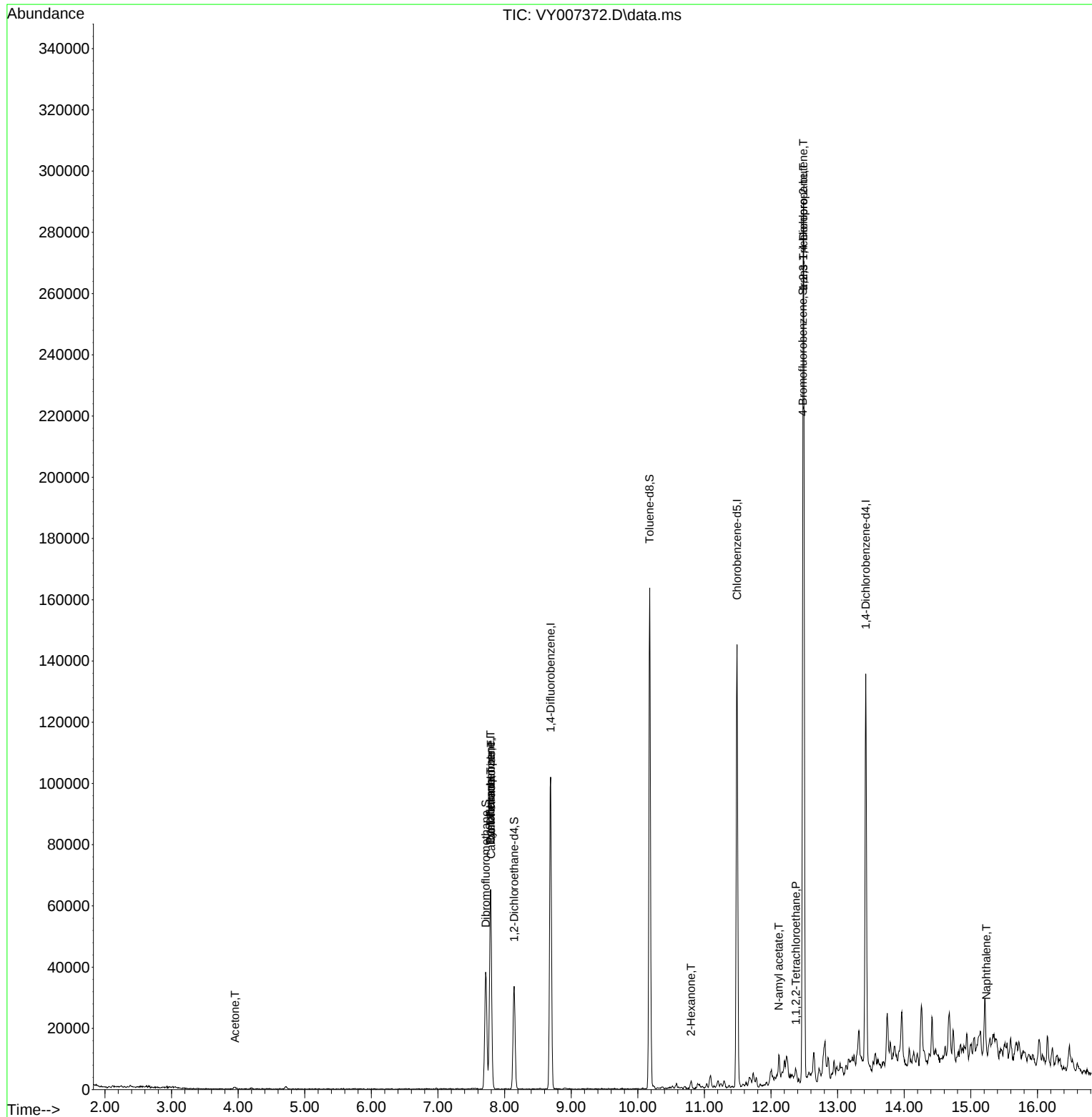
Internal Standards						
1) Pentafluorobenzene	7.789	168	47084	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	84646	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	75096	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	29992	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	26044	48.089	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.180%
35) Dibromofluoromethane	7.716	113	27107	49.871	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.740%
50) Toluene-d8	10.179	98	102346	50.966	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.940%
62) 4-Bromofluorobenzene	12.477	95	33560	49.169	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.340%
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	522	Below Cal	#	86
16) Acetone	3.954	43	1129	6.419	ug/l	93
20) Methylene Chloride	4.710	84	546	Below Cal	#	69
31) Cyclohexane	7.789	56	1177	1.114	ug/l	# 30
36) 1,1-Dichloropropene	7.789	75	4078	4.292	ug/l	# 51
38) Carbon Tetrachloride	7.795	117	5214	5.223	ug/l	# 17
59) 2-Hexanone	10.801	43	1347	4.123	ug/l	# 28
74) N-amyl acetate	12.117	43	1727	2.545	ug/l	# 70
75) 1,1,2,2-Tetrachloroethane	12.374	83	660	1.319	ug/l	95
76) 1,2,3-Trichloropropane	12.483	75	20634	57.871	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	20634	115.941	ug/l	# 9
95) Naphthalene	15.233	128	1501	1.238	ug/l	# 76

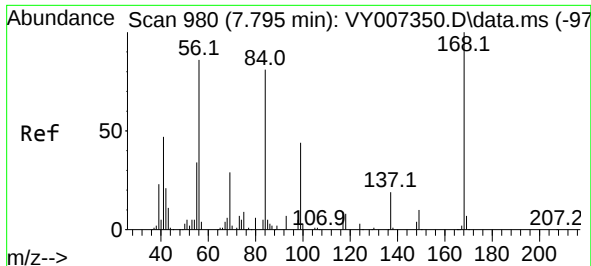
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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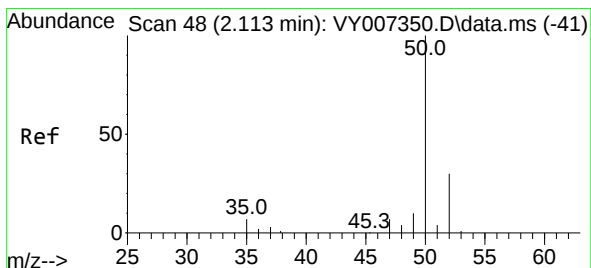
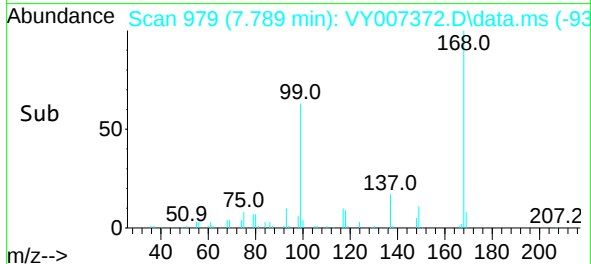
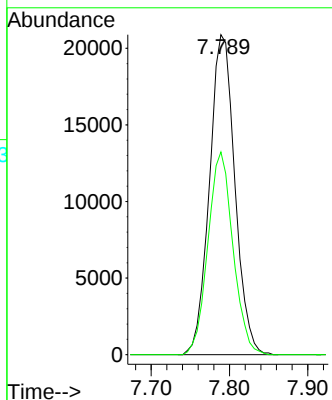
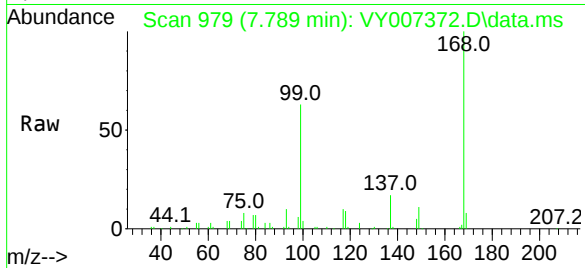




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007372.D
Acq: 03 Feb 2022 12:35

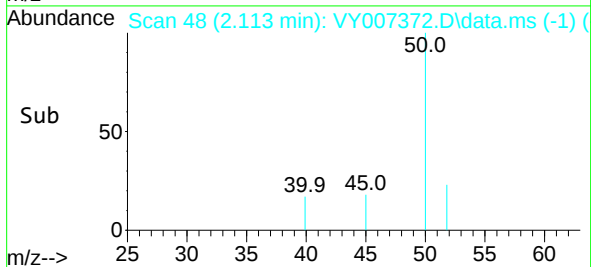
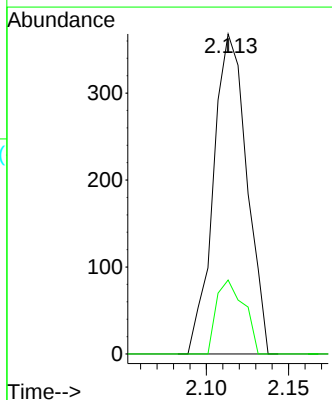
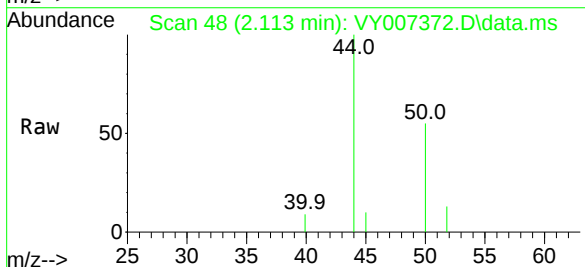
Instrument :
MSVOA_Y
ClientSampleId :

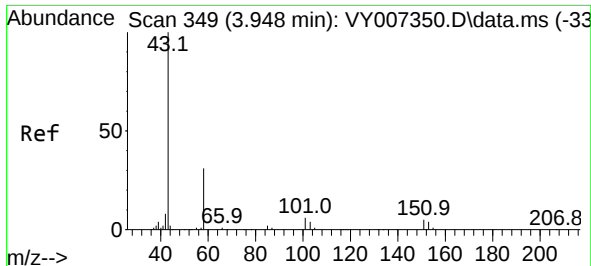
Tgt Ion:168 Resp: 47084
Ion Ratio Lower Upper
168 100
99 63.4 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY007372.D
Acq: 03 Feb 2022 12:35

Tgt Ion: 50 Resp: 522
Ion Ratio Lower Upper
50 100
52 23.1 24.6 37.0#

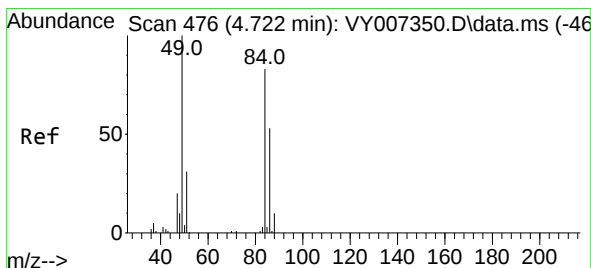
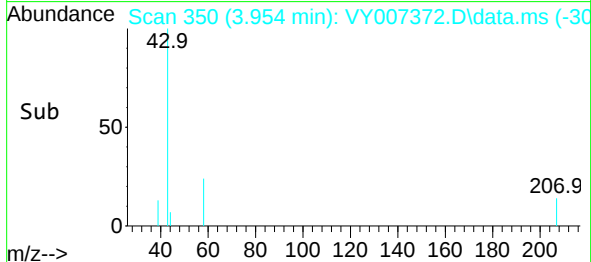
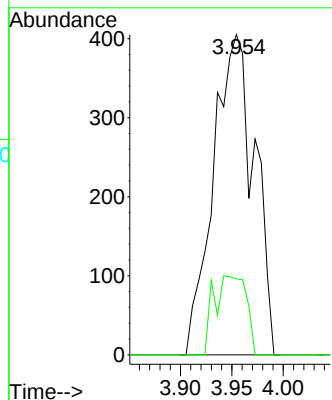
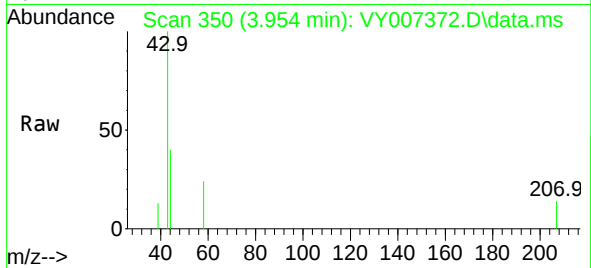




#16
Acetone
Concen: 6.419 ug/l
RT: 3.954 min Scan# 311
Delta R.T. 0.006 min
Lab File: VY007372.D
Acq: 03 Feb 2022 12:35

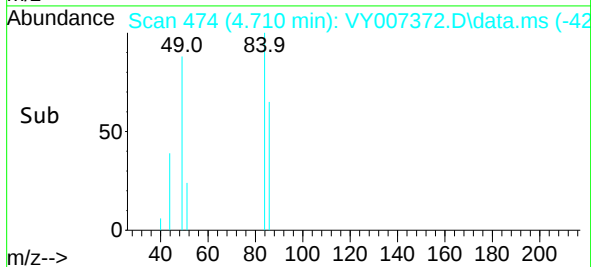
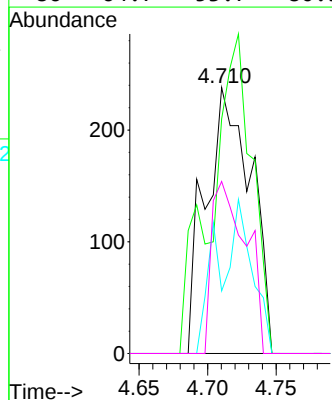
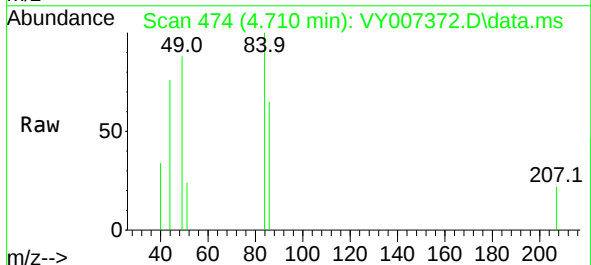
Instrument :
MSVOA_Y
ClientSampleId :

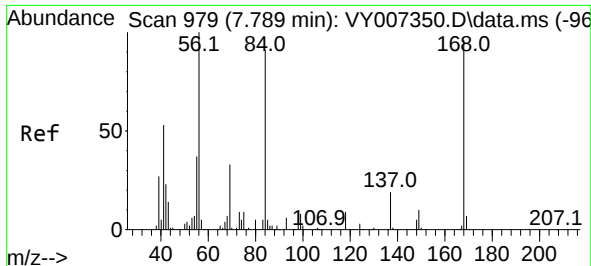
Tgt Ion: 43 Resp: 1129
Ion Ratio Lower Upper
43 100
58 23.7 22.0 33.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY007372.D
Acq: 03 Feb 2022 12:35

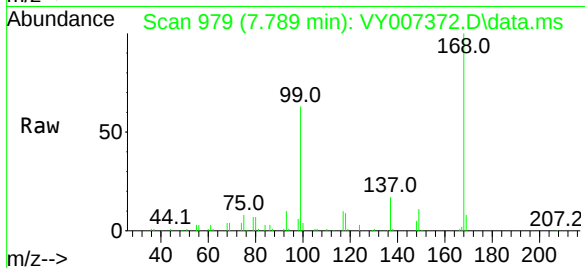
Tgt Ion: 84 Resp: 546
Ion Ratio Lower Upper
84 100
49 88.2 114.4 171.6#
51 23.5 35.3 52.9#
86 64.7 53.7 80.5



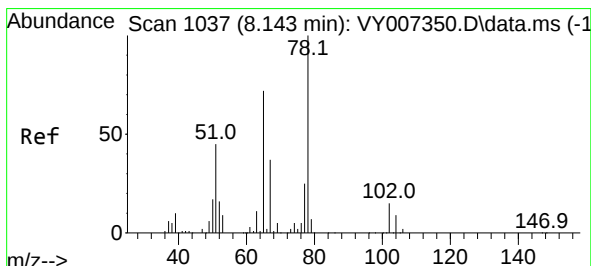
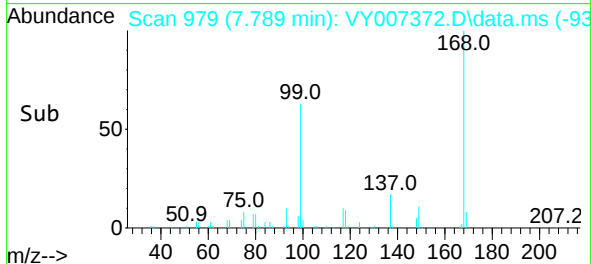
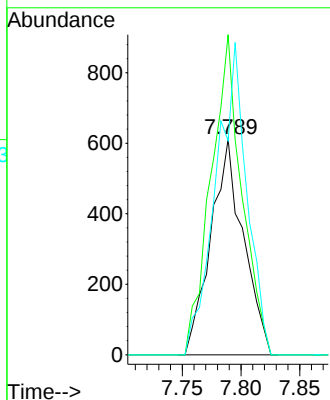


#31
Cyclohexane
Concen: 1.114 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007372.D
Acq: 03 Feb 2022 12:35

Instrument :
MSVOA_Y
ClientSampleId :

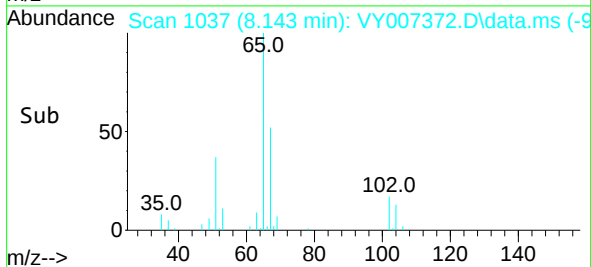
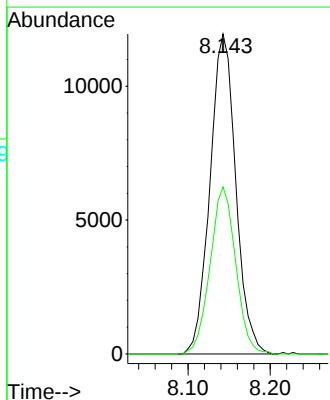
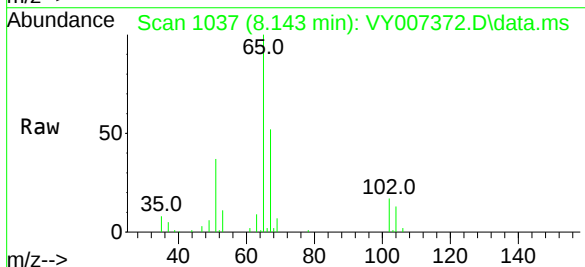


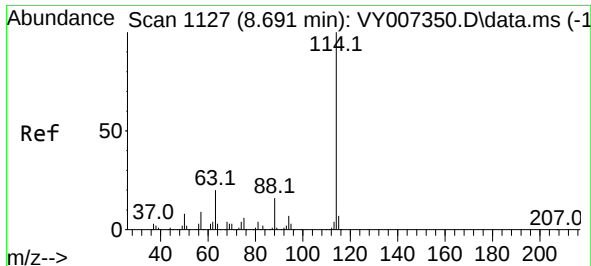
Tgt Ion: 56 Resp: 1177
Ion Ratio Lower Upper
56 100
69 148.4 26.7 40.1#
84 99.2 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 48.089 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007372.D
Acq: 03 Feb 2022 12:35

Tgt Ion: 65 Resp: 26044
Ion Ratio Lower Upper
65 100
67 51.7 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: VY007372.D

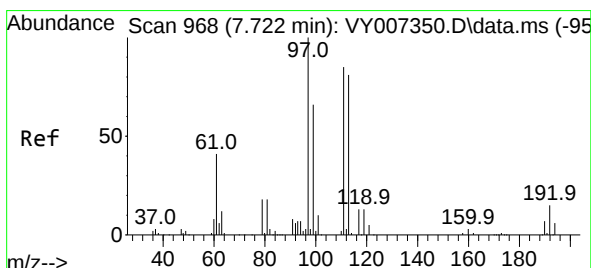
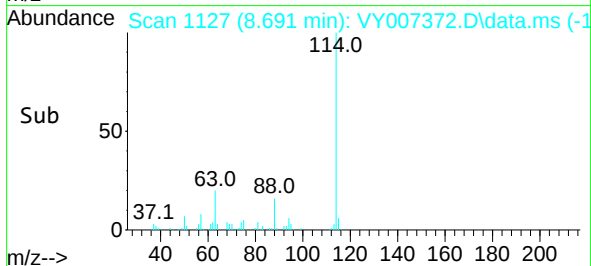
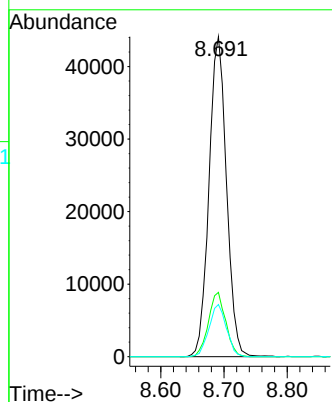
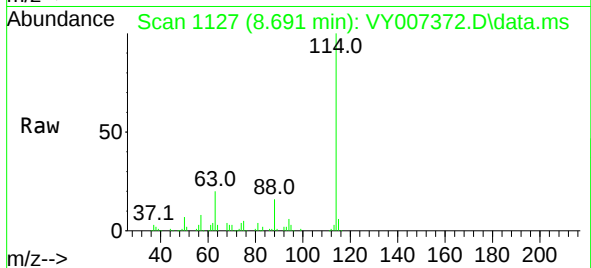
Acq: 03 Feb 2022 12:35

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	84646
Ion Ratio	Lower	Upper
114	100	
63	20.1	0.0 43.2
88	16.3	0.0 31.8



#35

Dibromofluoromethane

Concen: 49.871 ug/l

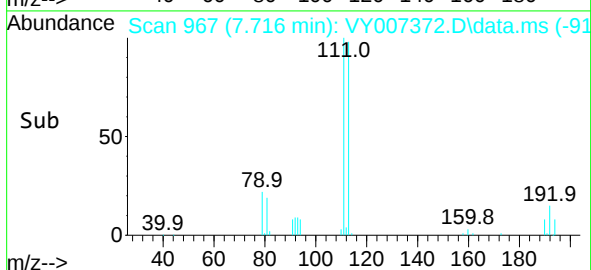
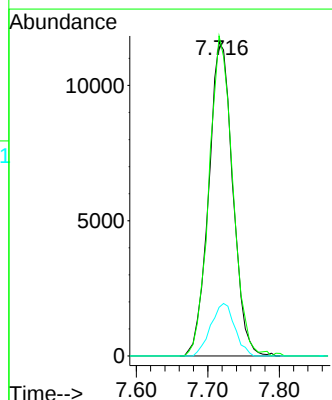
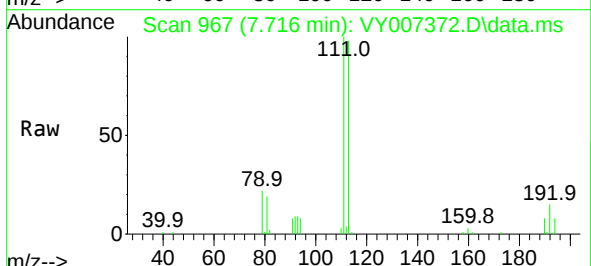
RT: 7.716 min Scan# 967

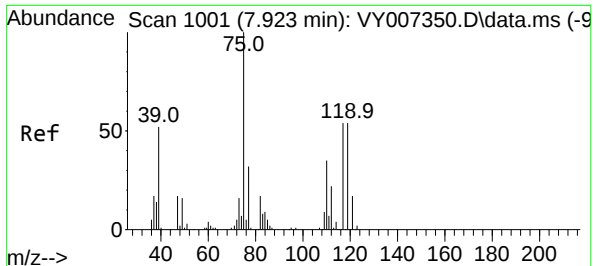
Delta R.T. -0.006 min

Lab File: VY007372.D

Acq: 03 Feb 2022 12:35

Tgt Ion:113	Resp:	27107
Ion Ratio	Lower	Upper
113	100	
111	100.4	82.6 124.0
192	16.6	17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.292 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.134 min

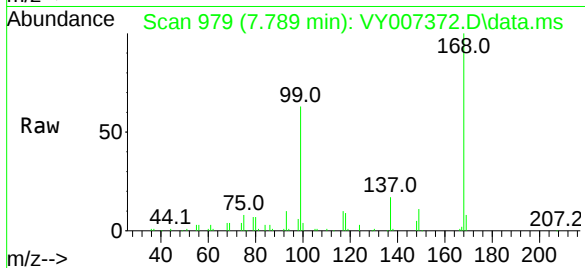
Lab File: VY007372.D

Acq: 03 Feb 2022 12:35

Instrument :

MSVOA_Y

ClientSampleId :



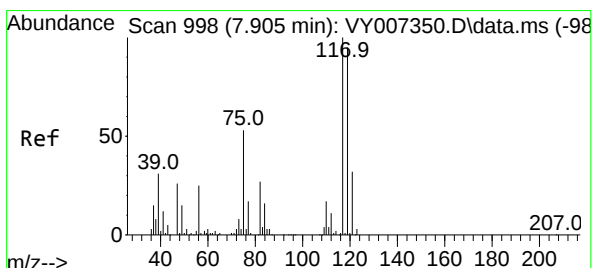
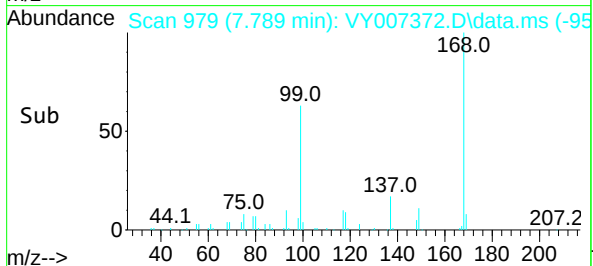
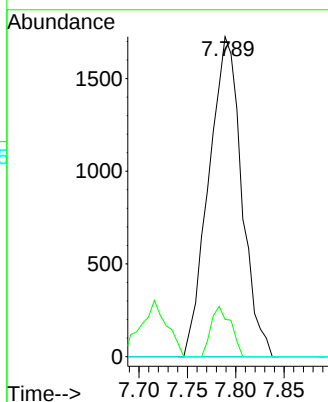
Tgt Ion: 75 Resp: 4078

Ion Ratio Lower Upper

75 100

110 9.5 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.223 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.110 min

Lab File: VY007372.D

Acq: 03 Feb 2022 12:35

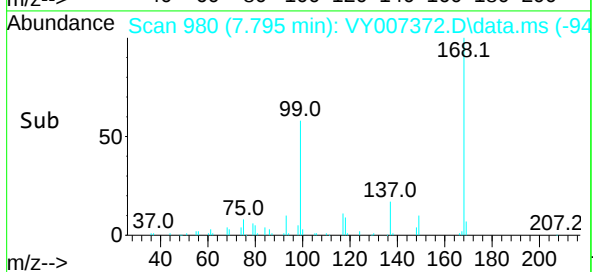
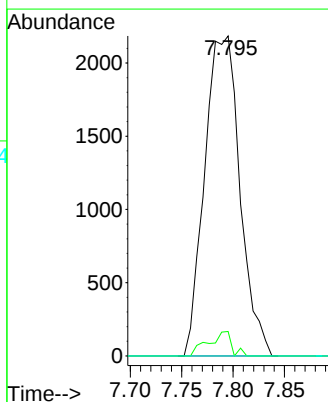
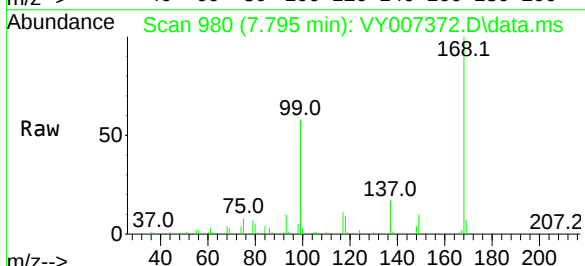
Tgt Ion: 117 Resp: 5214

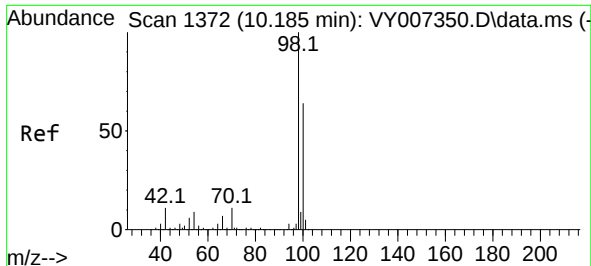
Ion Ratio Lower Upper

117 100

119 7.6 77.9 116.9#

121 0.0 24.8 37.2#

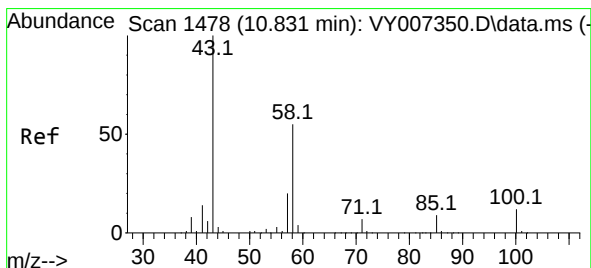
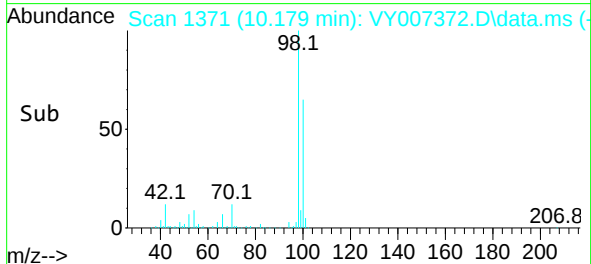
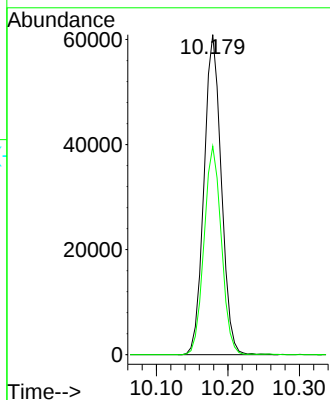
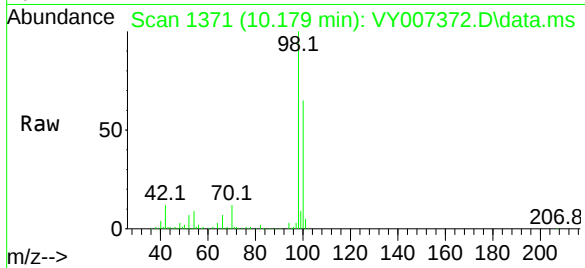




#50
Toluene-d8
Concen: 50.966 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007372.D
Acq: 03 Feb 2022 12:35

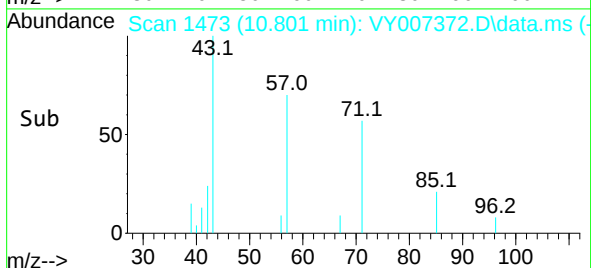
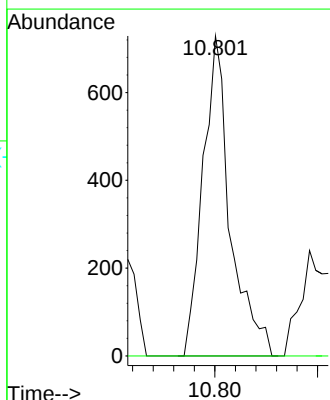
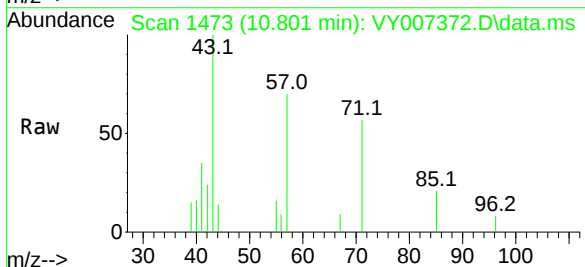
Instrument :
MSVOA_Y
ClientSampleId :

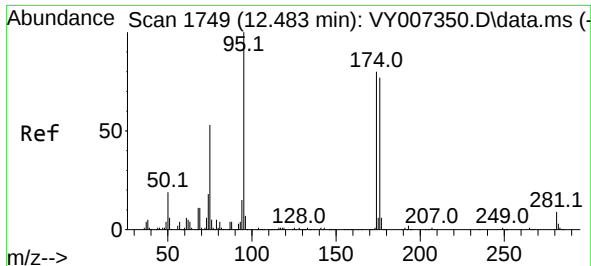
Tgt Ion: 98 Resp: 102346
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#59
2-Hexanone
Concen: 4.123 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.030 min
Lab File: VY007372.D
Acq: 03 Feb 2022 12:35

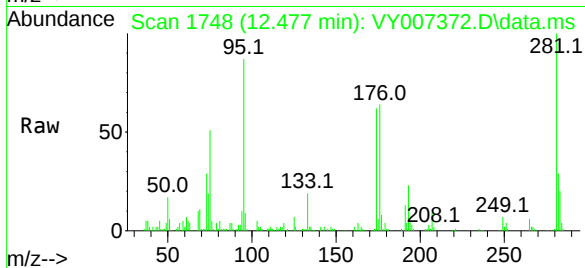
Tgt Ion: 43 Resp: 1347
Ion Ratio Lower Upper
43 100
58 0.0 24.4 73.4#



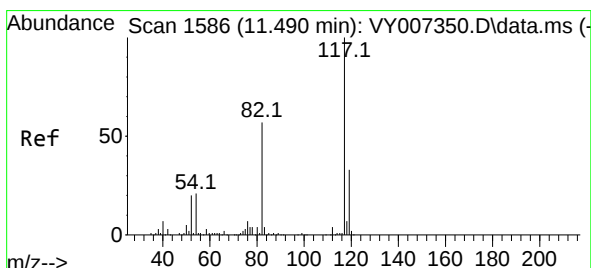
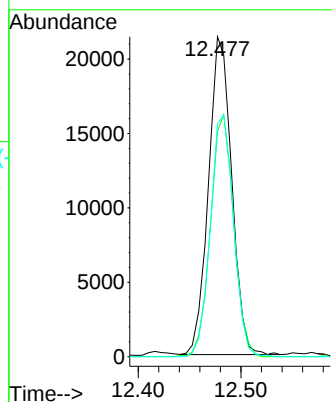
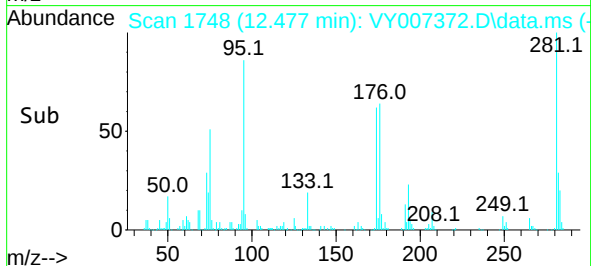


#62
4-Bromofluorobenzene
Concen: 49.169 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007372.D
Acq: 03 Feb 2022 12:35

Instrument :
MSVOA_Y
ClientSampleId :

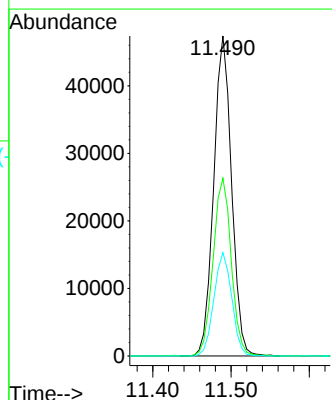
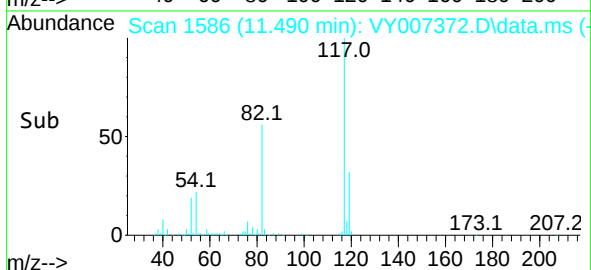
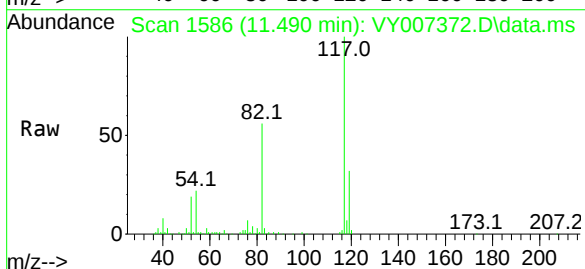


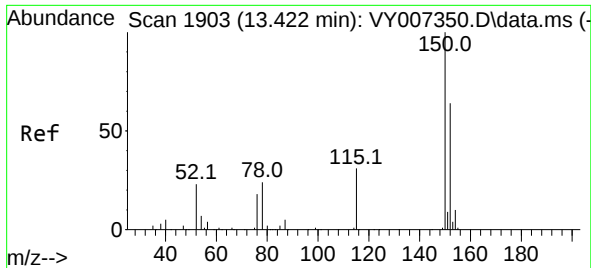
Tgt Ion: 95 Resp: 33560
Ion Ratio Lower Upper
95 100
174 75.8 0.0 177.0
176 75.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007372.D
Acq: 03 Feb 2022 12:35

Tgt Ion: 117 Resp: 75096
Ion Ratio Lower Upper
117 100
82 55.6 43.0 64.4
119 32.3 25.4 38.0

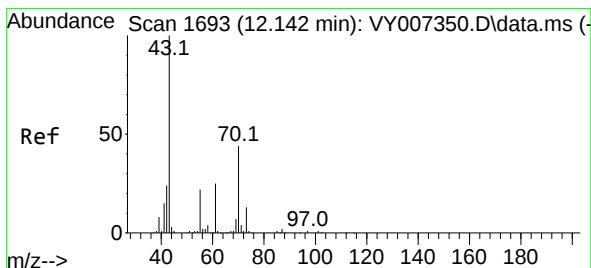
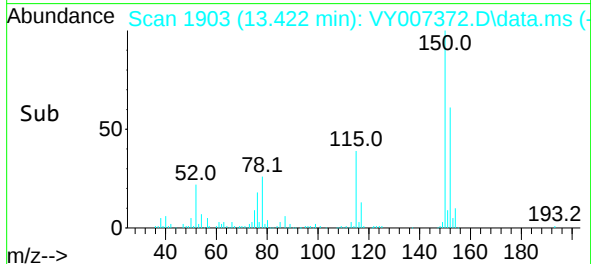
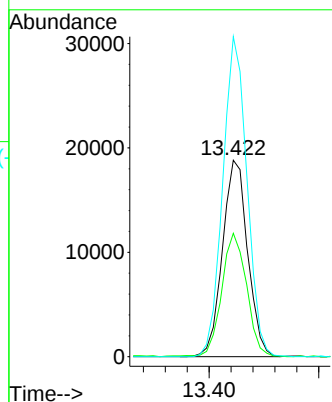
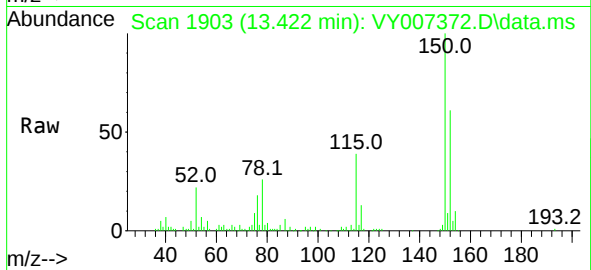




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY007372.D
 Acq: 03 Feb 2022 12:35

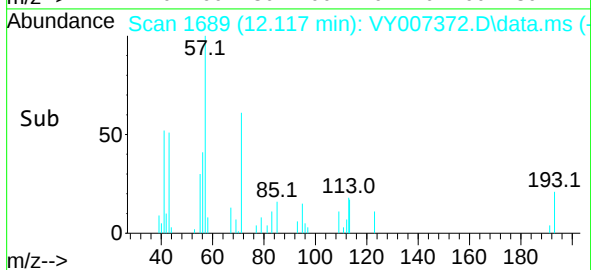
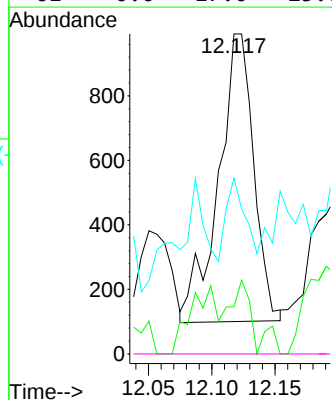
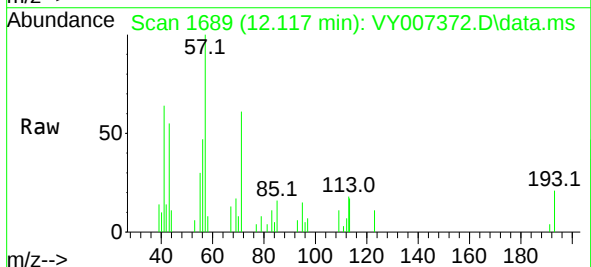
Instrument :
 MSVOA_Y
 ClientSampleId :

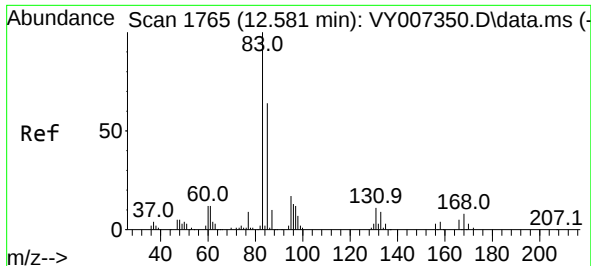
Tgt Ion:152 Resp: 29992
 Ion Ratio Lower Upper
 152 100
 115 62.2 28.2 84.7
 150 156.5 0.0 347.6



#74
 N-ethyl acetate
 Concen: 2.545 ug/l
 RT: 12.117 min Scan# 1689
 Delta R.T. -0.024 min
 Lab File: VY007372.D
 Acq: 03 Feb 2022 12:35

Tgt Ion: 43 Resp: 1727
 Ion Ratio Lower Upper
 43 100
 70 14.8 28.7 43.1#
 55 24.4 17.3 25.9
 61 0.0 17.0 25.6#

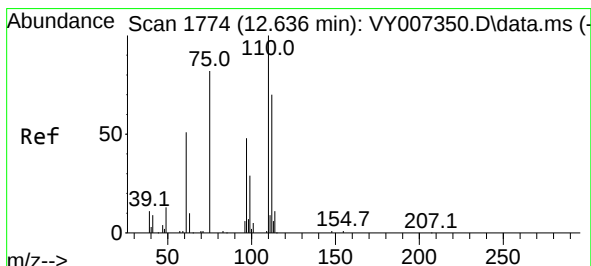
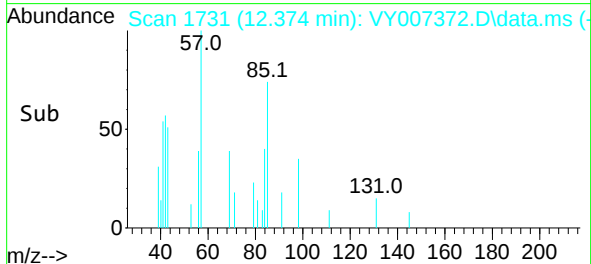
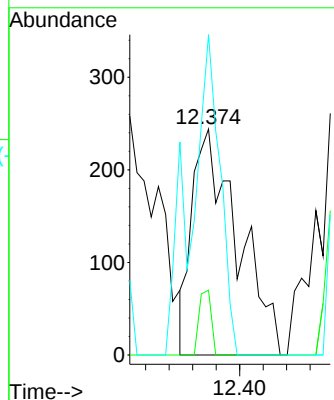
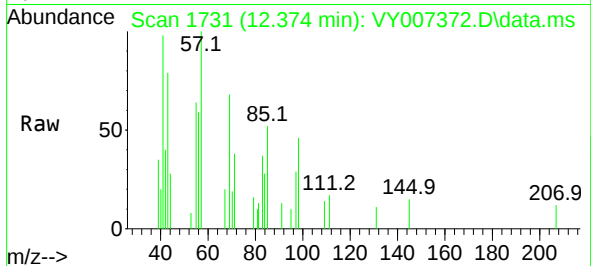




#75
 1,1,2,2-Tetrachloroethane
 Concen: 1.319 ug/l
 RT: 12.374 min Scan# 1749
 Delta R.T. -0.207 min
 Lab File: VY007372.D
 Acq: 03 Feb 2022 12:35

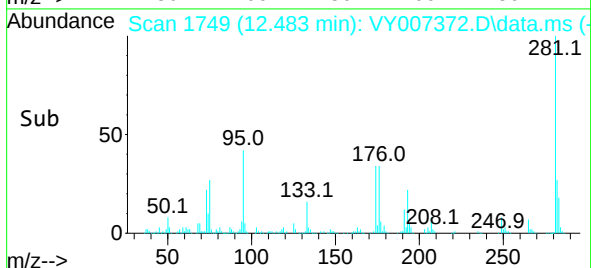
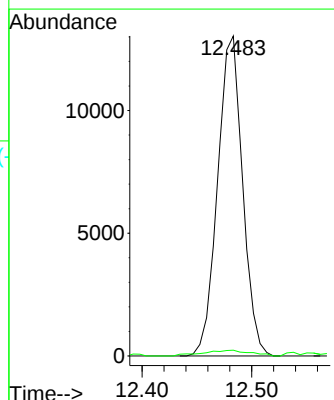
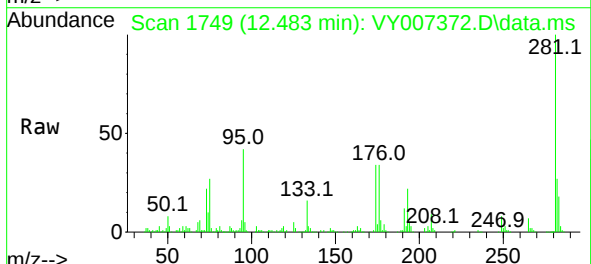
Instrument :
 MSVOA_Y
 ClientSampleId :

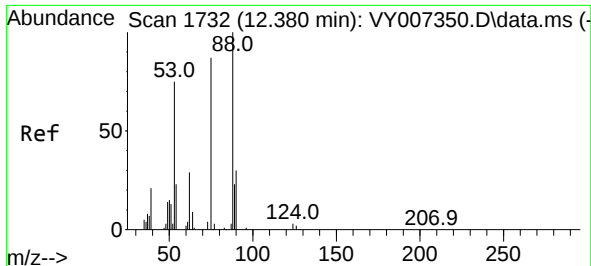
Tgt Ion: 83 Resp: 660
 Ion Ratio Lower Upper
 83 100
 131 7.6 5.6 16.8
 85 67.4 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 57.871 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY007372.D
 Acq: 03 Feb 2022 12:35

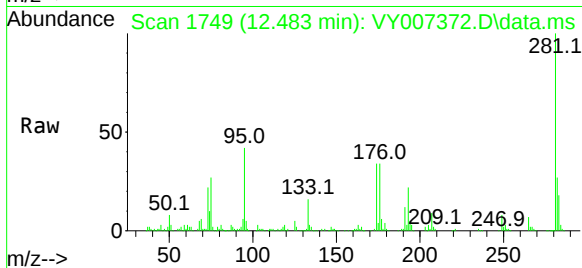
Tgt Ion: 75 Resp: 20634
 Ion Ratio Lower Upper
 75 100
 77 3.4 0.0 0.0#



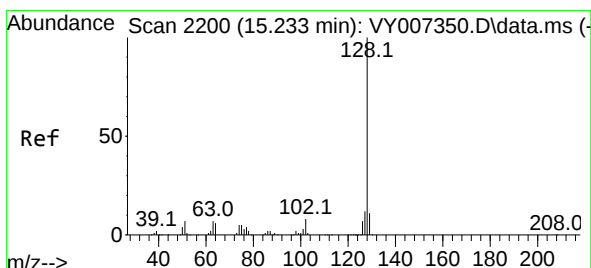
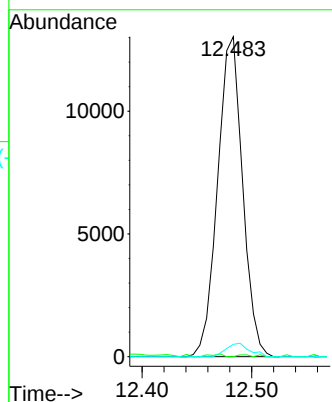
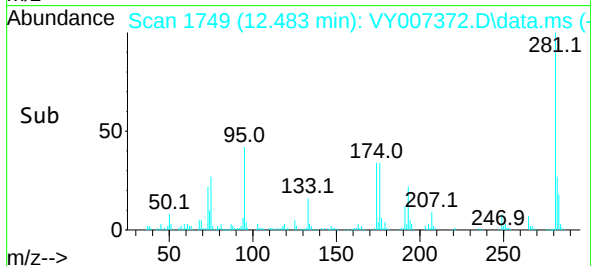


#81
 trans-1,4-Dichloro-2-butene
 Concen: 115.941 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY007372.D
 Acq: 03 Feb 2022 12:35

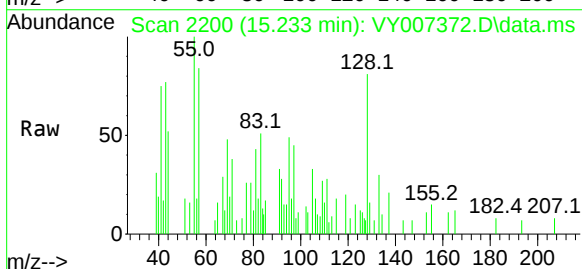
Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 20634
 Ion Ratio Lower Upper
 75 100
 53 0.4 85.3 127.9#
 89 3.9 37.0 55.4#



#95
 Naphthalene
 Concen: 1.238 ug/l
 RT: 15.233 min Scan# 2200
 Delta R.T. 0.000 min
 Lab File: VY007372.D
 Acq: 03 Feb 2022 12:35



Tgt Ion: 128 Resp: 1501
 Ion Ratio Lower Upper
 128 100
 127 0.0 11.0 16.4#
 129 14.5 8.4 12.6#

