

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020722\
 Data File : VY007406.D
 Acq On : 07 Feb 2022 12:24
 Operator : SY/MD
 Sample : N1391-04
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-08-020322

Quant Time: Feb 08 00:51:55 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)

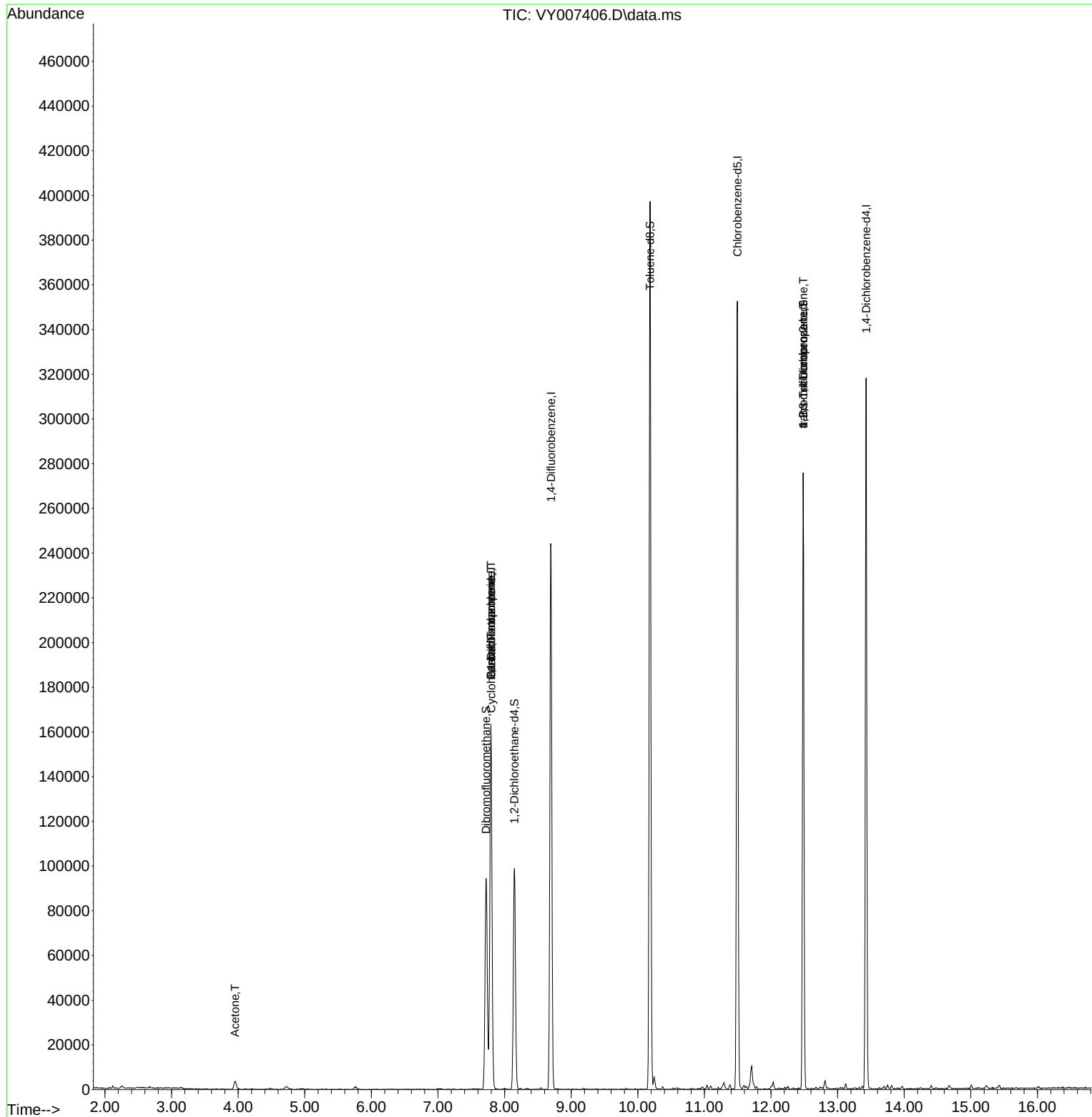
Internal Standards						
1) Pentafluorobenzene	7.795	168	116960	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	211533	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	190019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	74843	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	79222	58.887	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.780%
35) Dibromofluoromethane	7.722	113	67858	49.957	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.920%
50) Toluene-d8	10.185	98	256613	51.135	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.260%
62) 4-Bromofluorobenzene	12.483	95	83409	48.900	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.800%
Target Compounds						
						Qvalue
3) Chloromethane	2.119	50	796	Below Cal	#	84
11) Tert butyl alcohol	4.948	59	497	Below Cal	#	77
16) Acetone	3.954	43	6508	14.895	ug/l	98
20) Methylene Chloride	4.722	84	1043	Below Cal	#	65
31) Cyclohexane	7.801	56	2925	1.114	ug/l	# 31
36) 1,1-Dichloropropene	7.795	75	9719	4.093	ug/l	# 52
38) Carbon Tetrachloride	7.795	117	12593	5.048	ug/l	# 15
76) 1,2,3-Trichloropropane	12.483	75	46758	52.552	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	46758	105.284	ug/l	# 7

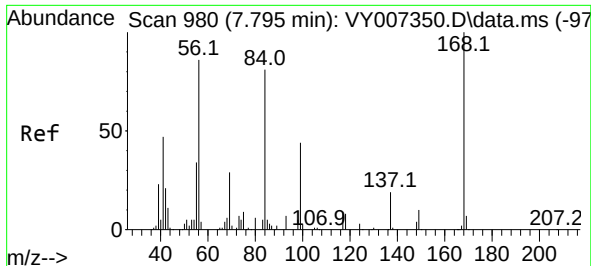
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020722\
Data File : VY007406.D
Acq On : 07 Feb 2022 12:24
Operator : SY/MD
Sample : N1391-04
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-08-020322

Quant Time: Feb 08 00:51:55 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

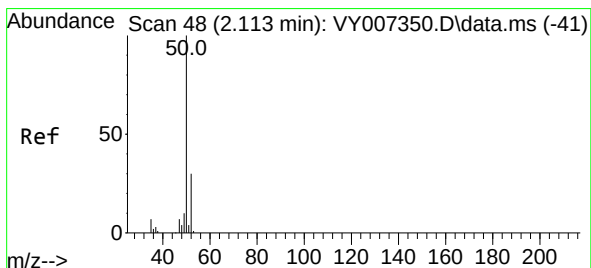
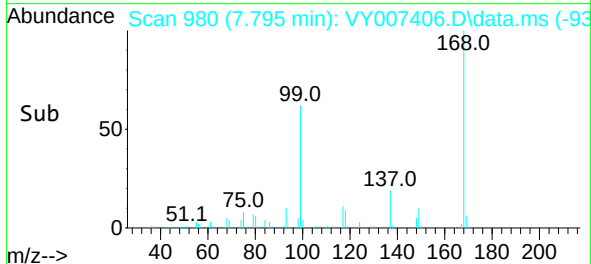
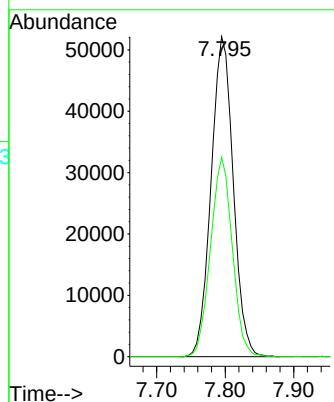
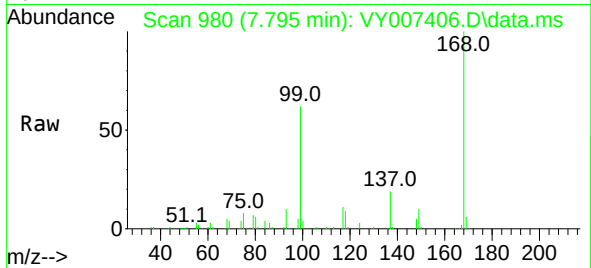




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007406.D
Acq: 07 Feb 2022 12:24

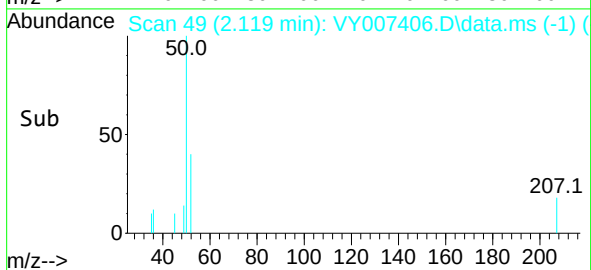
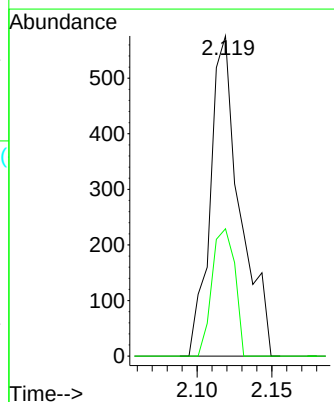
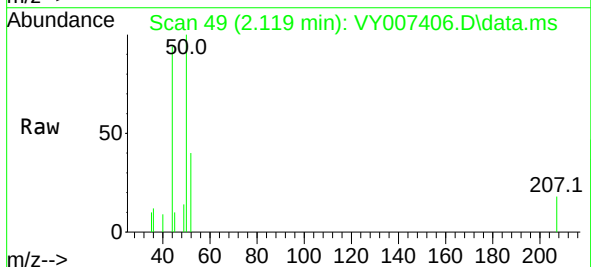
Instrument :
MSVOA_Y
ClientSampleId :
TR-08-020322

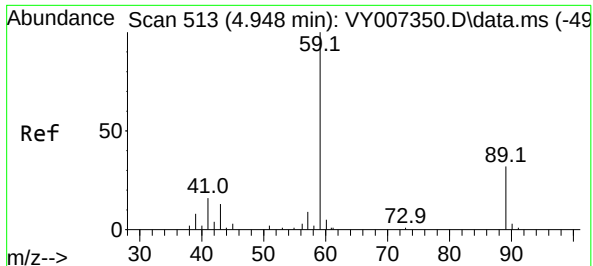
Tgt Ion:168 Resp: 116960
Ion Ratio Lower Upper
168 100
99 62.3 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY007406.D
Acq: 07 Feb 2022 12:24

Tgt Ion: 50 Resp: 796
Ion Ratio Lower Upper
50 100
52 39.8 24.6 37.0

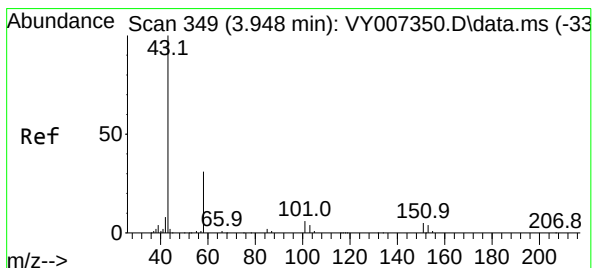
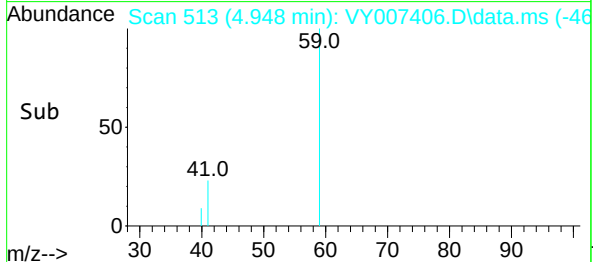
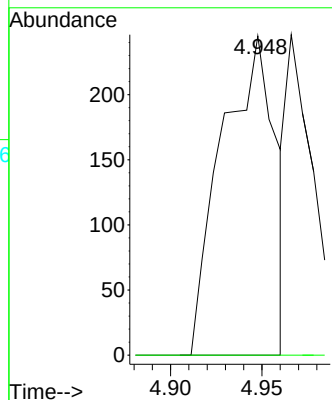
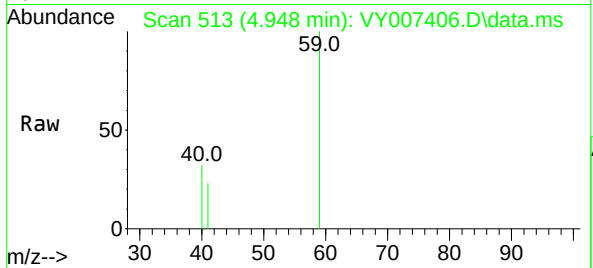




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY007406.D
Acq: 07 Feb 2022 12:24

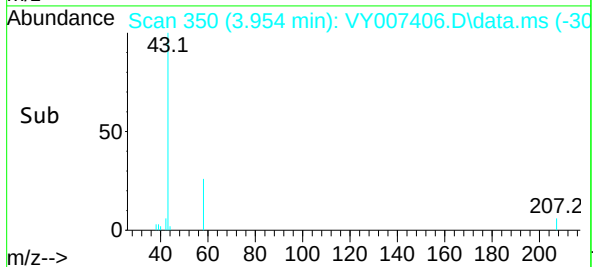
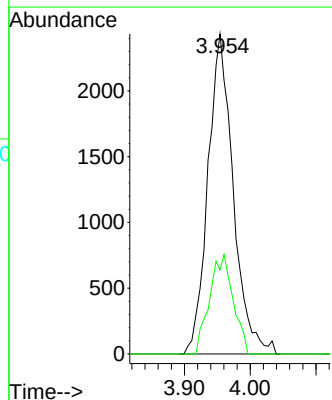
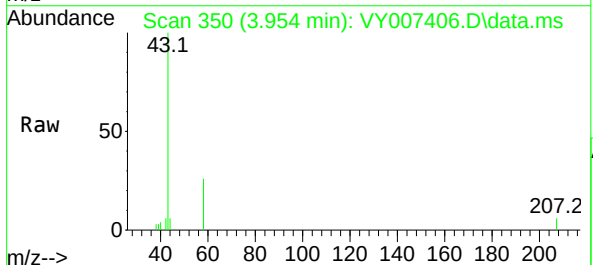
Instrument :
MSVOA_Y
ClientSampleId :
TR-08-020322

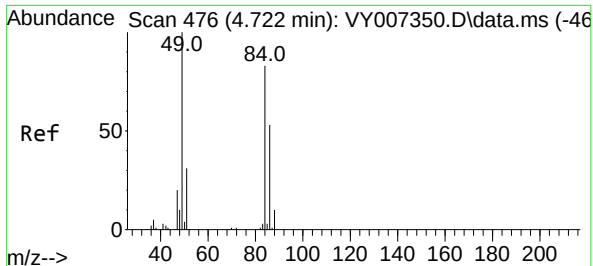
Tgt Ion: 59 Resp: 497
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 14.895 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY007406.D
Acq: 07 Feb 2022 12:24

Tgt Ion: 43 Resp: 6508
Ion Ratio Lower Upper
43 100
58 26.3 22.0 33.0





#20

Methylene Chloride

Concen: Below Cal

RT: 4.722 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY007406.D

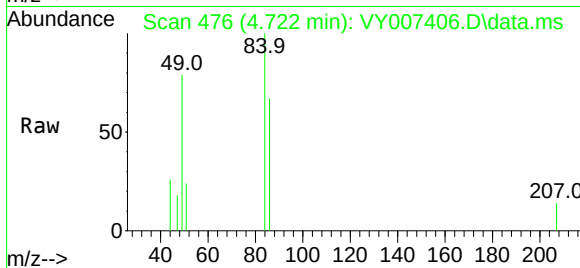
Acq: 07 Feb 2022 12:24

Instrument :

MSVOA_Y

ClientSampleId :

TR-08-020322



Tgt Ion: 84 Resp: 1043

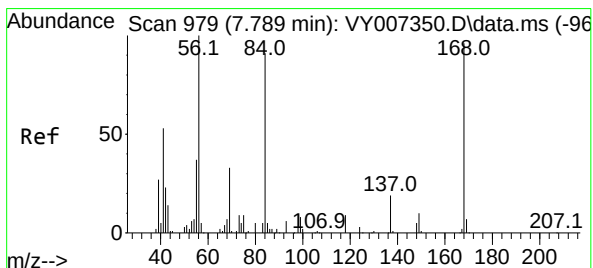
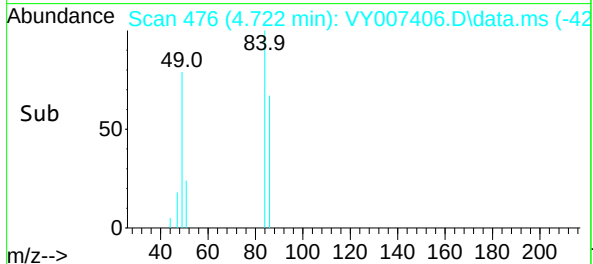
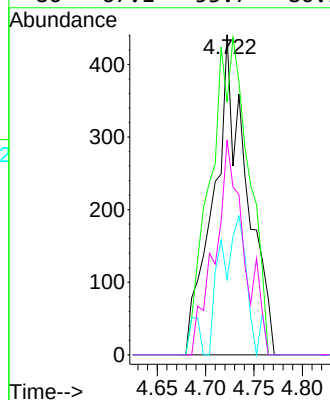
Ion Ratio Lower Upper

84 100

49 78.9 114.4 171.6#

51 23.6 35.3 52.9#

86 67.1 53.7 80.5



#31

Cyclohexane

Concen: 1.114 ug/l

RT: 7.801 min Scan# 981

Delta R.T. 0.012 min

Lab File: VY007406.D

Acq: 07 Feb 2022 12:24

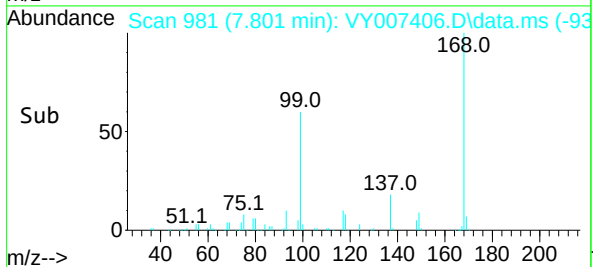
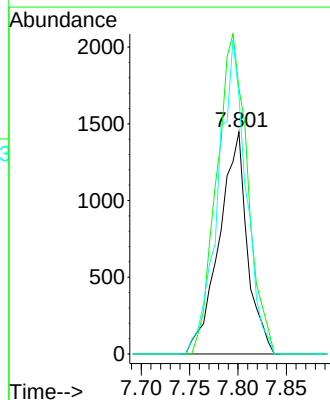
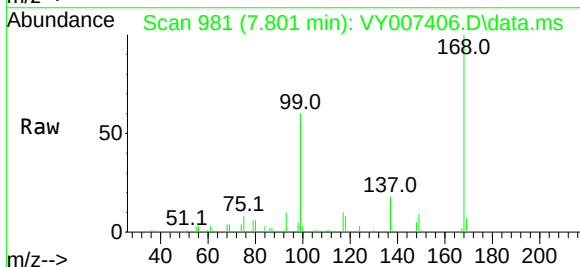
Tgt Ion: 56 Resp: 2925

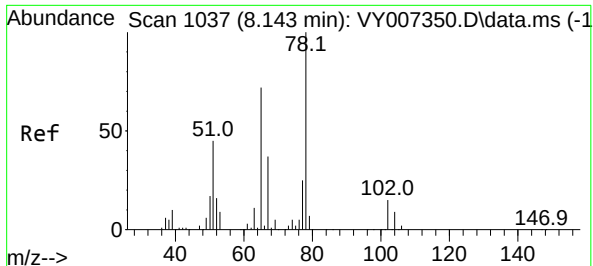
Ion Ratio Lower Upper

56 100

69 119.6 26.7 40.1#

84 116.5 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 58.887 ug/l

RT: 8.148 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY007406.D

Acq: 07 Feb 2022 12:24

Instrument :

MSVOA_Y

ClientSampleId :

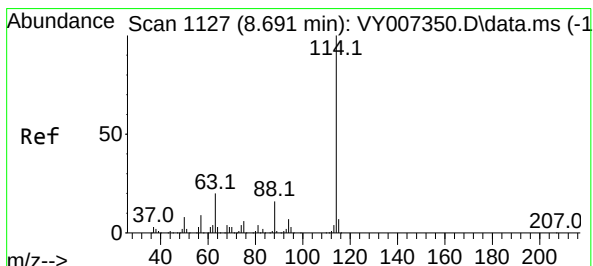
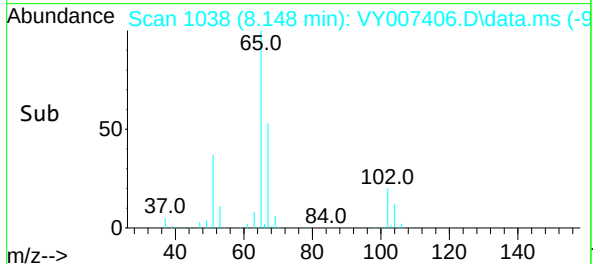
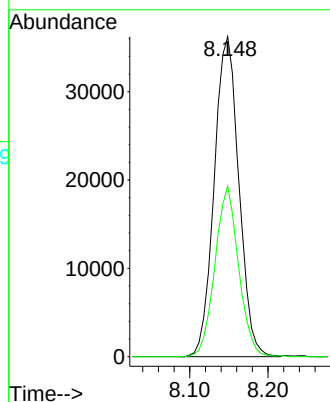
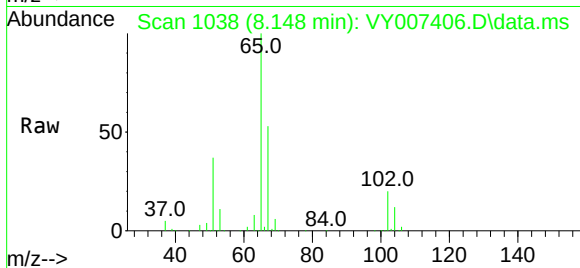
TR-08-020322

Tgt Ion: 65 Resp: 79222

Ion Ratio Lower Upper

65 100

67 51.1 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY007406.D

Acq: 07 Feb 2022 12:24

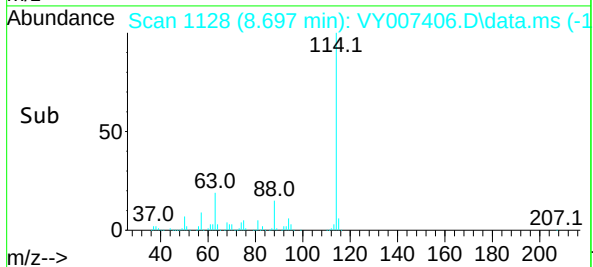
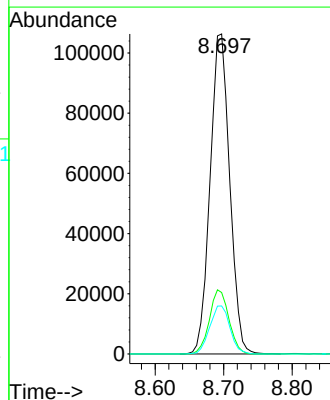
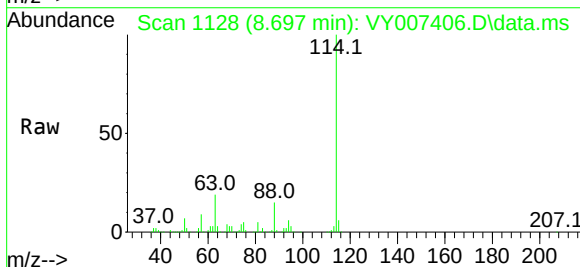
Tgt Ion: 114 Resp: 211533

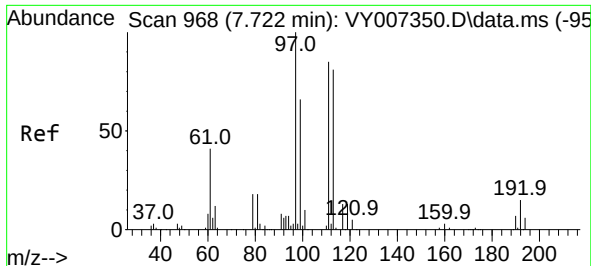
Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 15.0 0.0 31.8

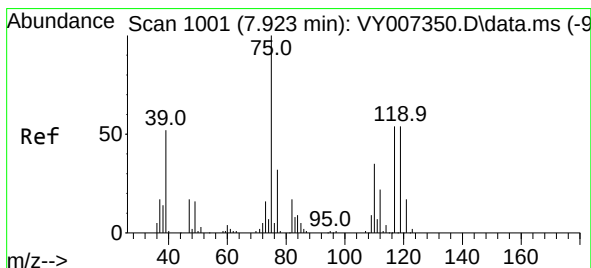
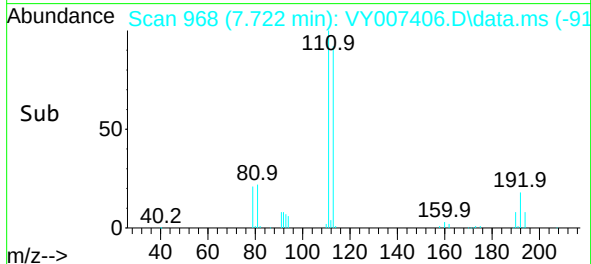
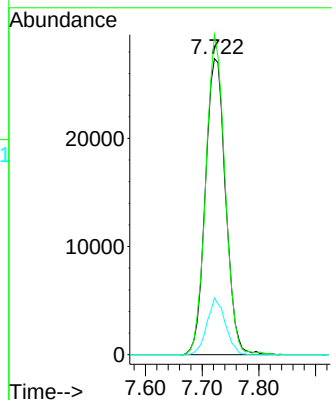
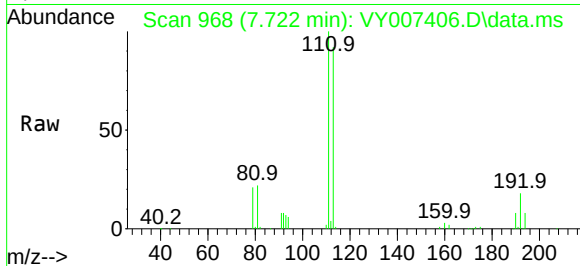




#35
Dibromofluoromethane
Concen: 49.957 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007406.D
Acq: 07 Feb 2022 12:24

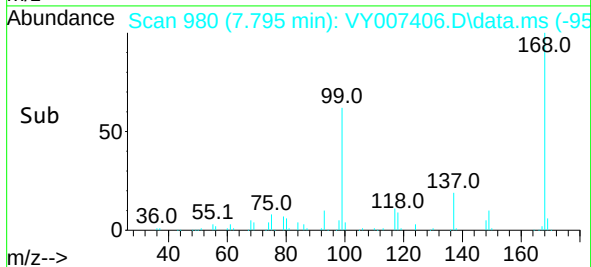
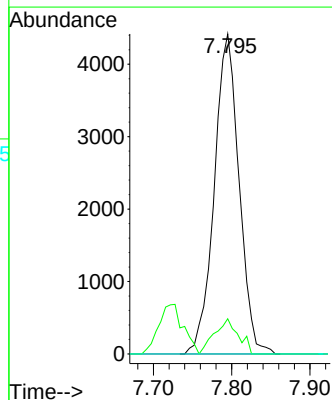
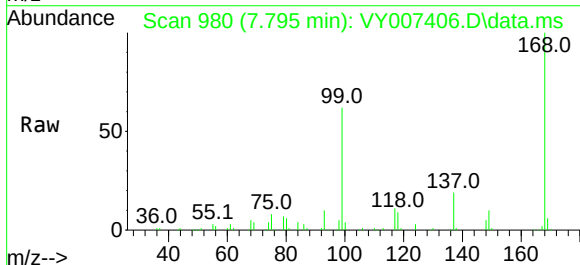
Instrument :
MSVOA_Y
ClientSampleId :
TR-08-020322

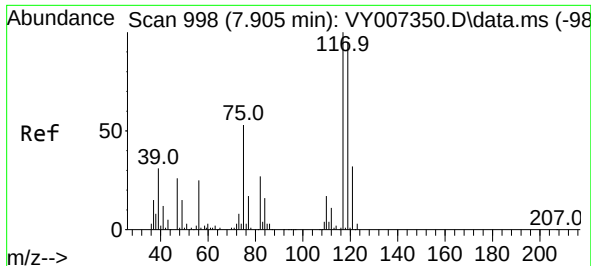
Tgt Ion:113 Resp: 67858
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 17.4 17.6 26.4#



#36
1,1-Dichloropropene
Concen: 4.093 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY007406.D
Acq: 07 Feb 2022 12:24

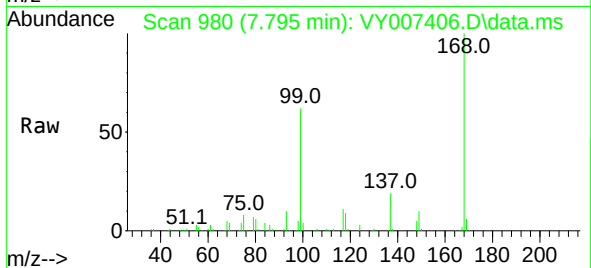
Tgt Ion: 75 Resp: 9719
Ion Ratio Lower Upper
75 100
110 10.5 17.1 51.2#
77 0.0 24.4 36.6#



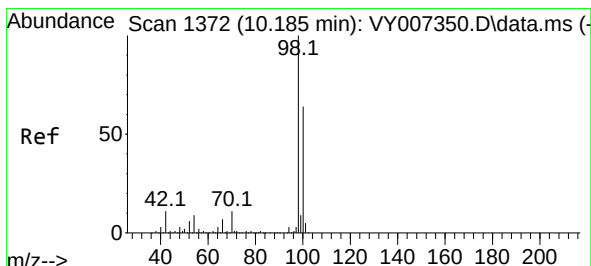
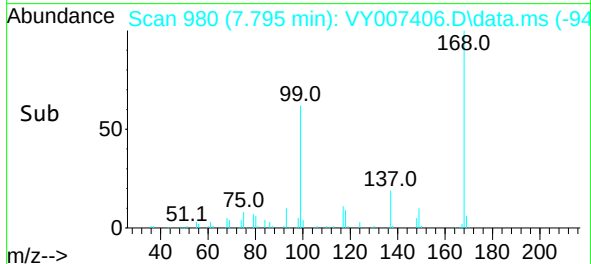
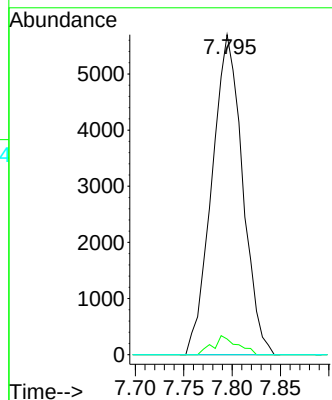


#38
Carbon Tetrachloride
Concen: 5.048 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007406.D
Acq: 07 Feb 2022 12:24

Instrument :
MSVOA_Y
ClientSampleId :
TR-08-020322

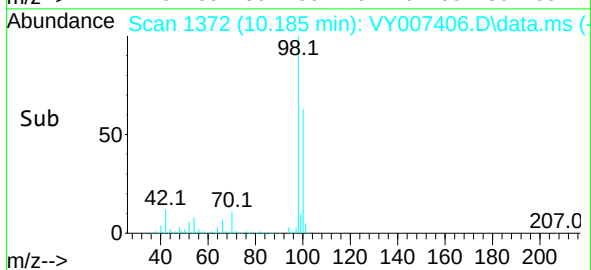
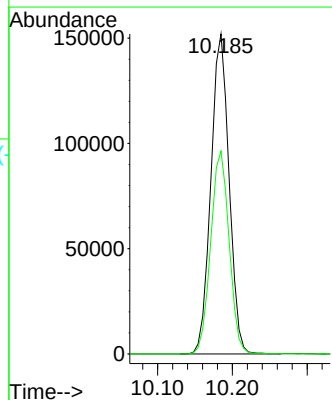
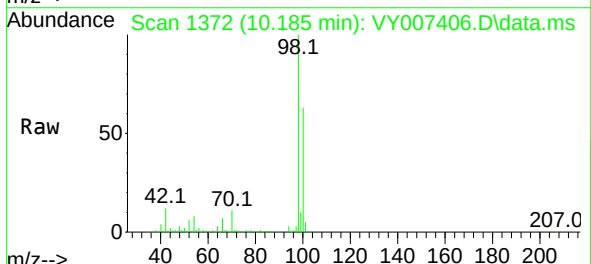


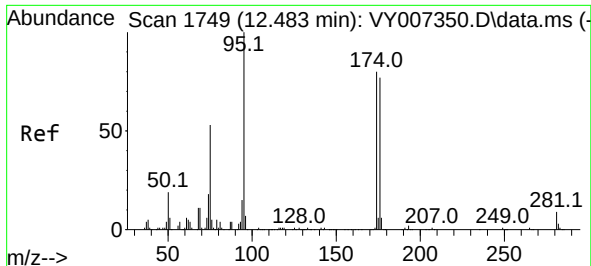
Tgt Ion:117 Resp: 12593
Ion Ratio Lower Upper
117 100
119 4.9 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.135 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY007406.D
Acq: 07 Feb 2022 12:24

Tgt Ion: 98 Resp: 256613
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2

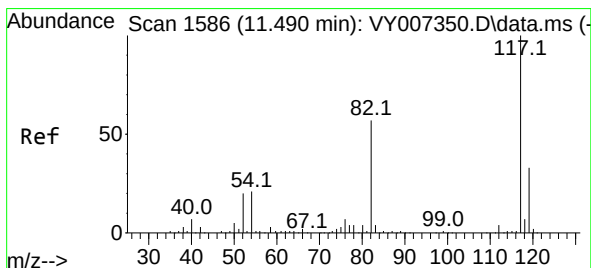
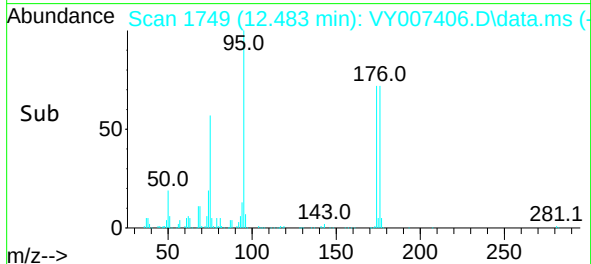
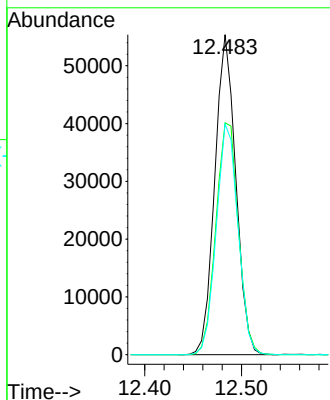
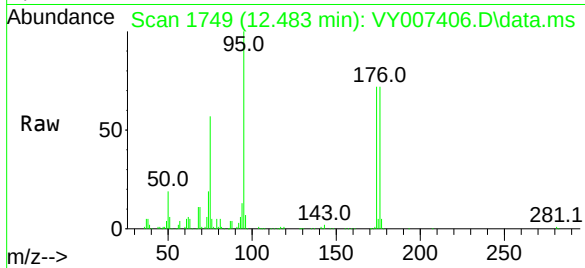




#62
4-Bromofluorobenzene
Concen: 48.900 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007406.D
Acq: 07 Feb 2022 12:24

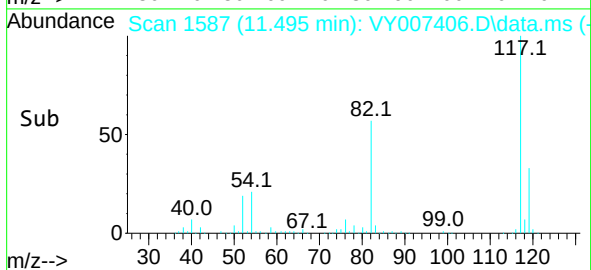
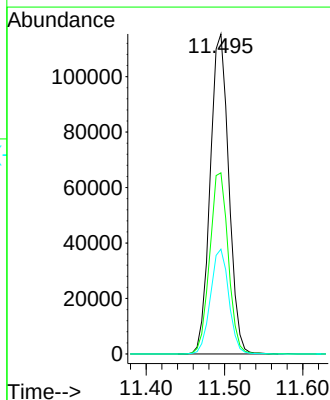
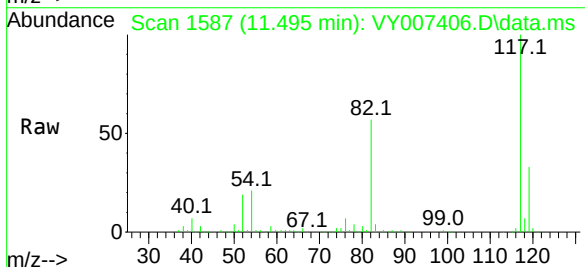
Instrument :
MSVOA_Y
ClientSampleId :
TR-08-020322

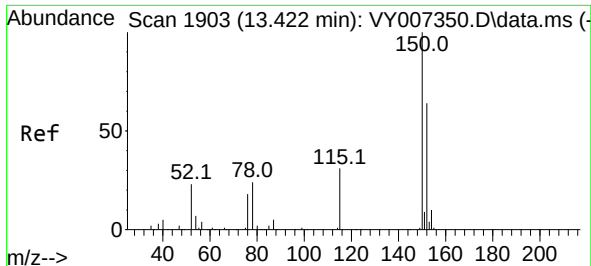
Tgt Ion: 95 Resp: 83409
Ion Ratio Lower Upper
95 100
174 77.6 0.0 177.0
176 74.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY007406.D
Acq: 07 Feb 2022 12:24

Tgt Ion: 117 Resp: 190019
Ion Ratio Lower Upper
117 100
82 56.6 43.0 64.4
119 32.7 25.4 38.0

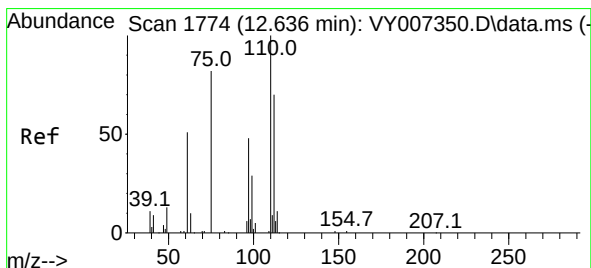
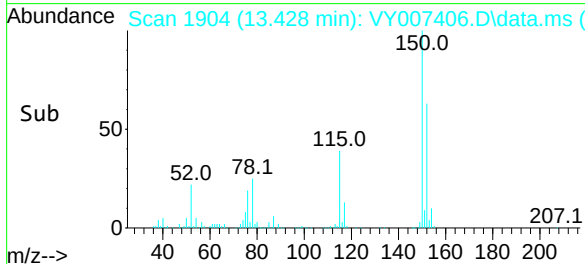
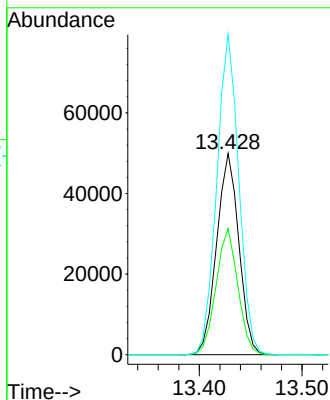
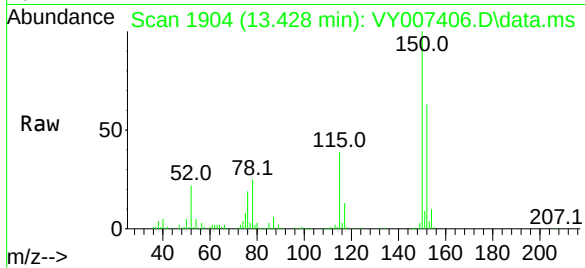




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY007406.D
 Acq: 07 Feb 2022 12:24

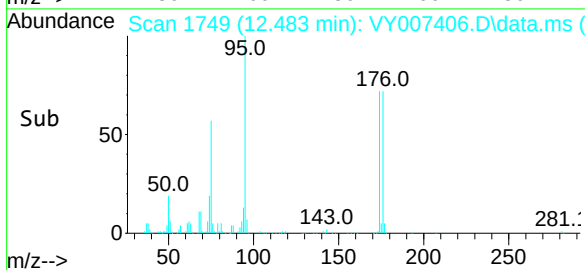
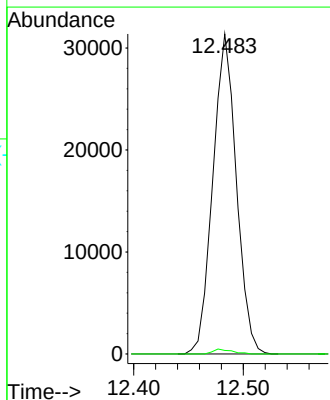
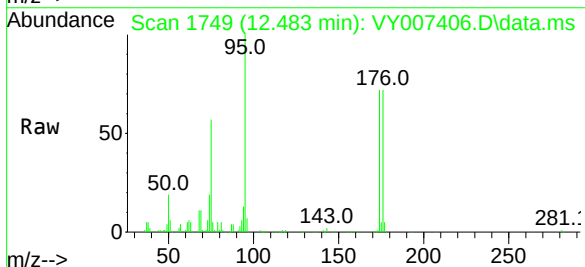
Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-08-020322

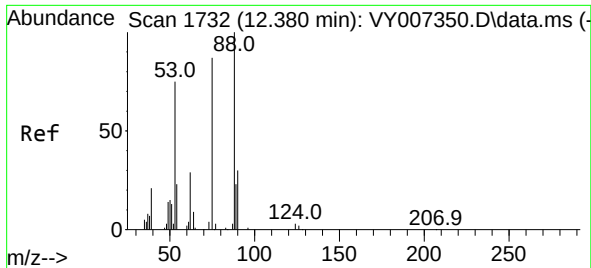
Tgt Ion:152 Resp: 74843
 Ion Ratio Lower Upper
 152 100
 115 61.5 28.2 84.7
 150 157.7 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 52.552 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY007406.D
 Acq: 07 Feb 2022 12:24

Tgt Ion: 75 Resp: 46758
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 105.284 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY007406.D
 Acq: 07 Feb 2022 12:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-08-020322

Tgt Ion: 75 Resp: 46758
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

