

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102422\
 Data File : VY011067.D
 Acq On : 24 Oct 2022 14:28
 Operator : KP/MD
 Sample : N5254-01
 Misc : 7.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1-102122

Quant Time: Oct 25 05:29:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

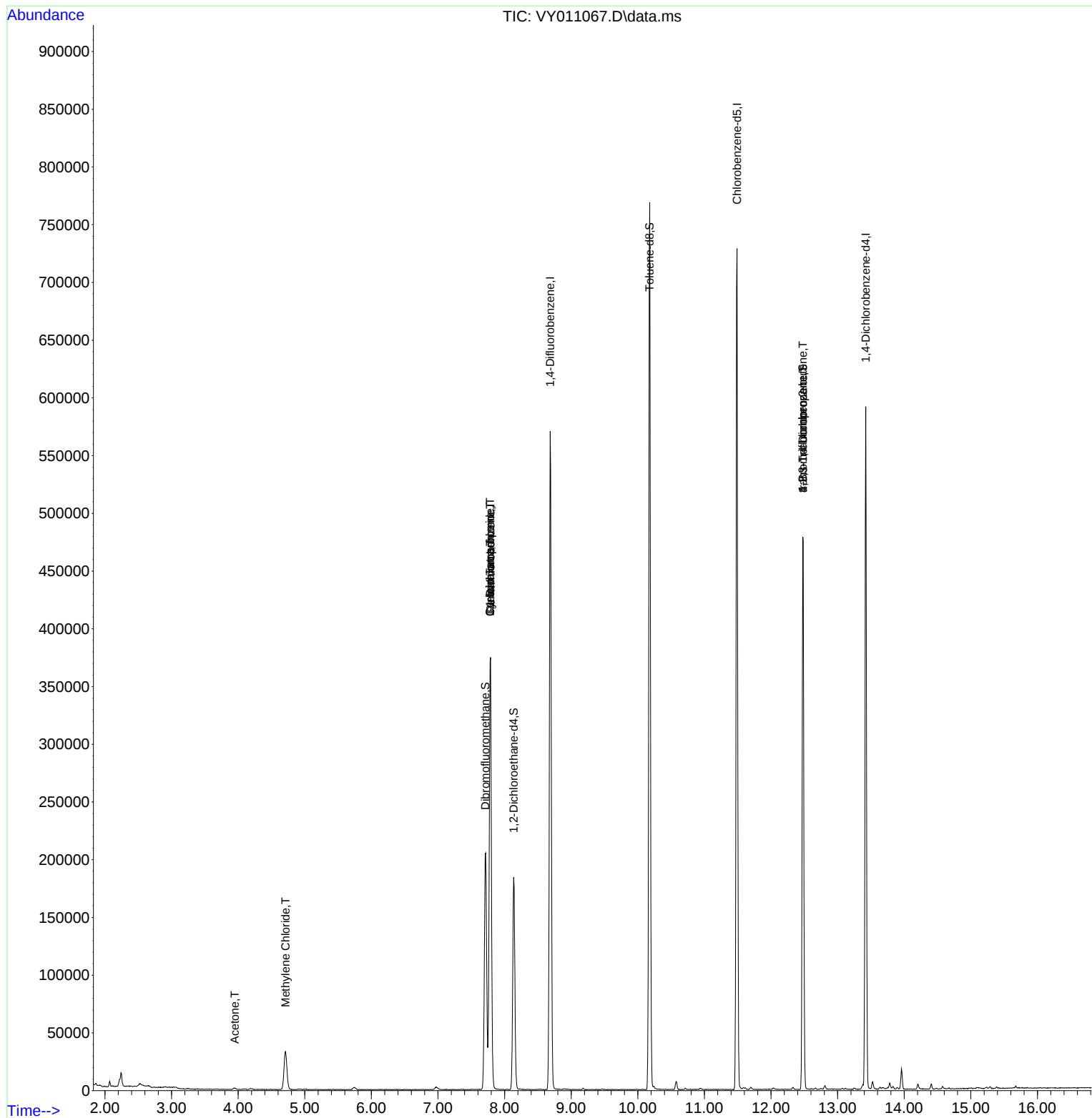
Internal Standards						
1) Pentafluorobenzene	7.789	168	296550	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	500280	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	409038	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	150736	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	140438	51.411	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.820%			
35) Dibromofluoromethane	7.710	113	151148	54.389	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.780%			
50) Toluene-d8	10.179	98	515532	49.353	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.700%			
62) 4-Bromofluorobenzene	12.477	95	145366	38.584	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 77.160%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.918	59	307	Below Cal	#	77
16) Acetone	3.948	43	2150	2.710	ug/l #	80
18) Methyl Acetate	4.491	43	106	Below Cal	#	56
20) Methylene Chloride	4.710	84	26548	1.559	ug/l #	82
31) Cyclohexane	7.783	56	5588	1.069	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	21820	4.685	ug/l #	50
38) Carbon Tetrachloride	7.783	117	28650	5.960	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	71998	42.071	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	71998	90.483	ug/l #	7

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

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WC-1-102122

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Quant Title : SW846 8260
QLast Update : Tue Oct 18 01:42:42 2022
Response via : Initial Calibration

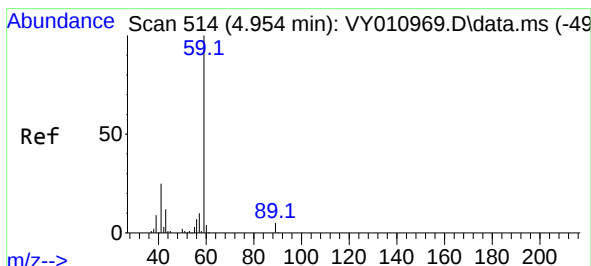
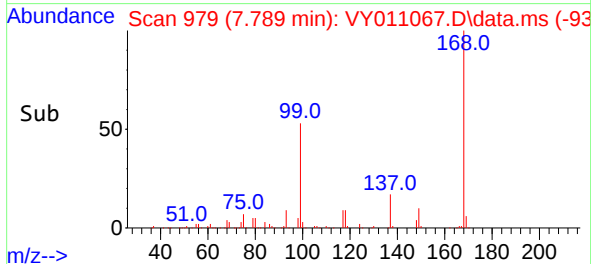
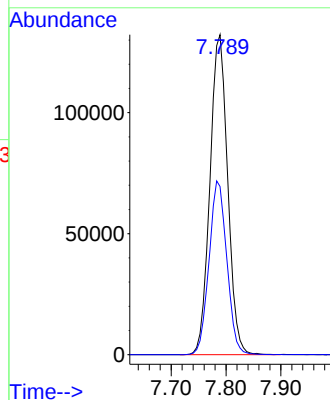
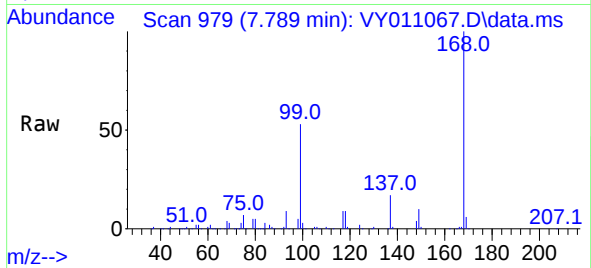




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011067.D
Acq: 24 Oct 2022 14:28

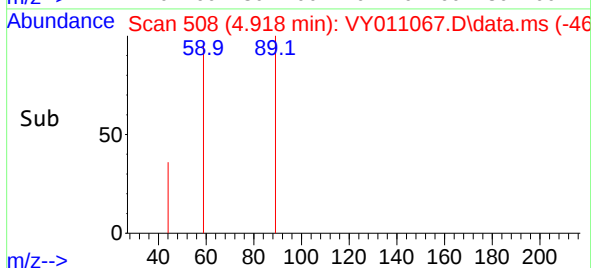
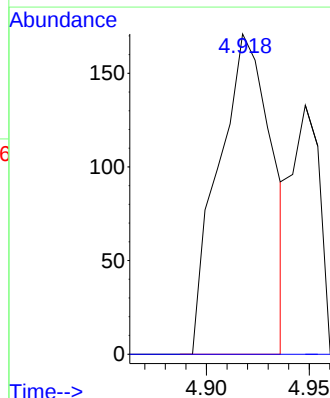
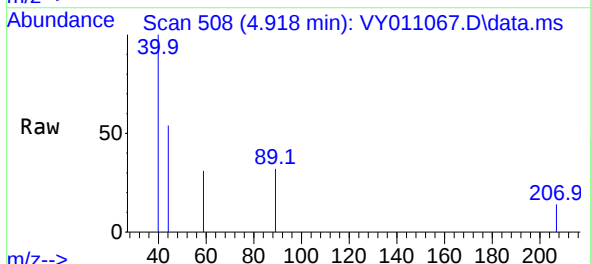
Instrument :
MSVOA_Y
ClientSampleId :
WC-1-102122

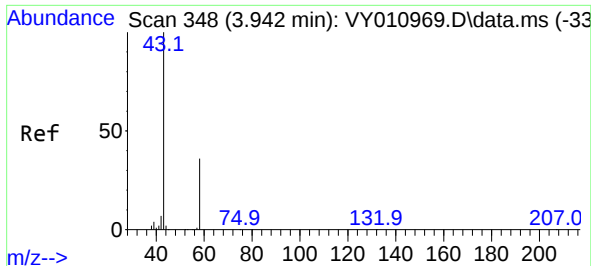
Tgt Ion:168 Resp: 296550
Ion Ratio Lower Upper
168 100
99 52.6 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.918 min Scan# 508
Delta R.T. -0.036 min
Lab File: VY011067.D
Acq: 24 Oct 2022 14:28

Tgt Ion: 59 Resp: 307
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

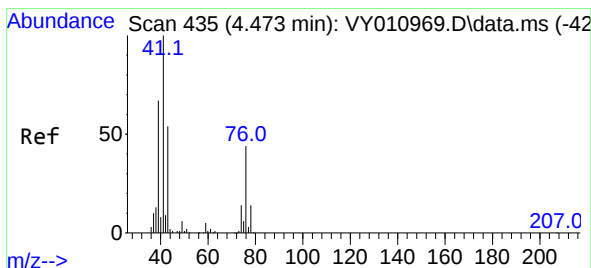
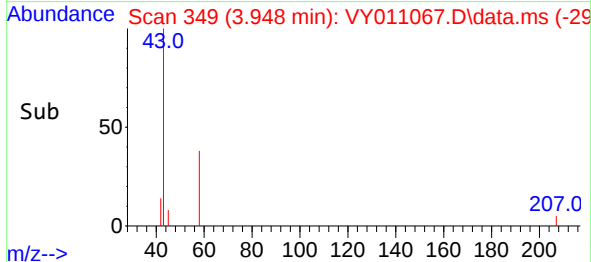
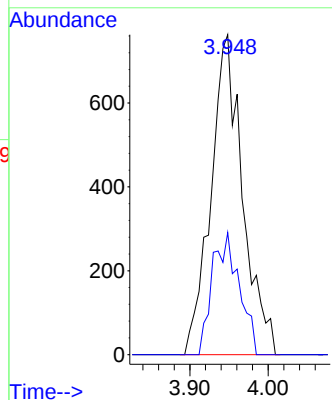
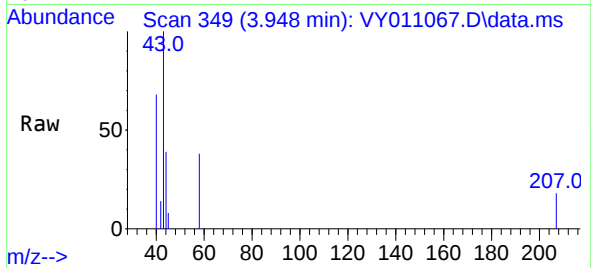




#16
Acetone
Concen: 2.710 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY011067.D
Acq: 24 Oct 2022 14:28

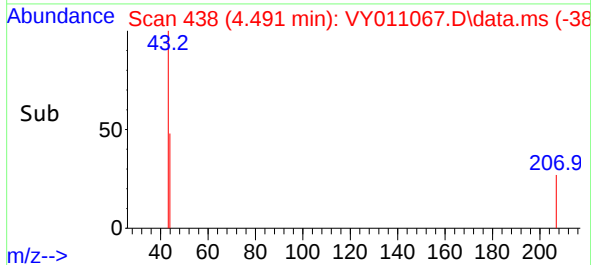
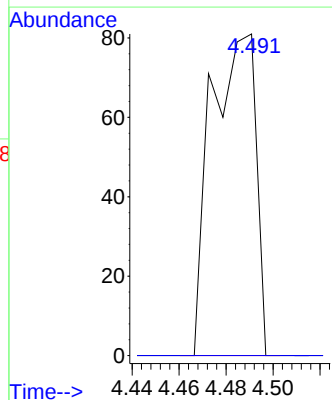
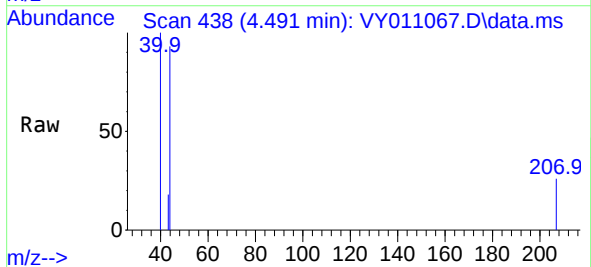
Instrument :
MSVOA_Y
ClientSampleId :
WC-1-102122

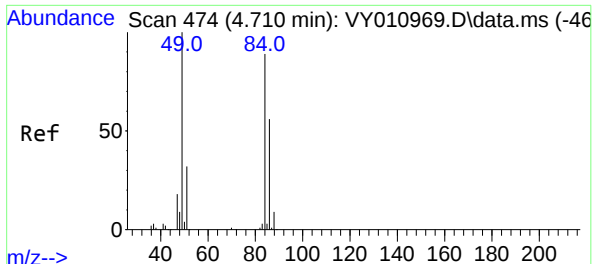
Tgt Ion: 43 Resp: 2150
Ion Ratio Lower Upper
43 100
58 38.1 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.491 min Scan# 438
Delta R.T. 0.018 min
Lab File: VY011067.D
Acq: 24 Oct 2022 14:28

Tgt Ion: 43 Resp: 106
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



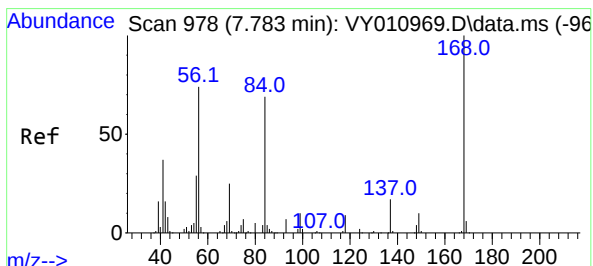
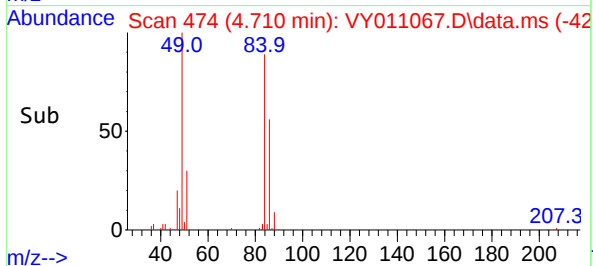
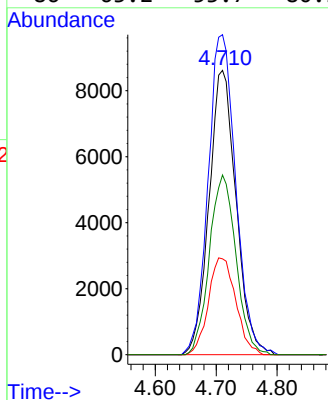
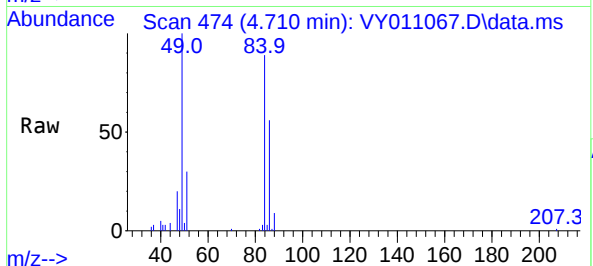


#20
Methylene Chloride
Concen: 1.559 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011067.D
Acq: 24 Oct 2022 14:28

Instrument :
MSVOA_Y
ClientSampleId :
WC-1-102122

Tgt Ion: 84 Resp: 26548

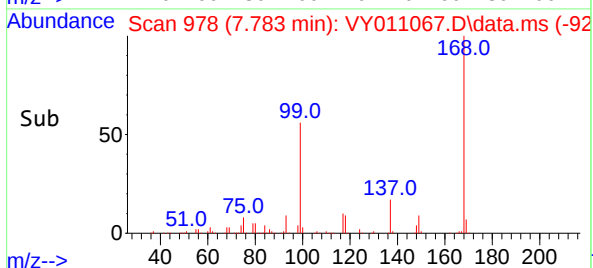
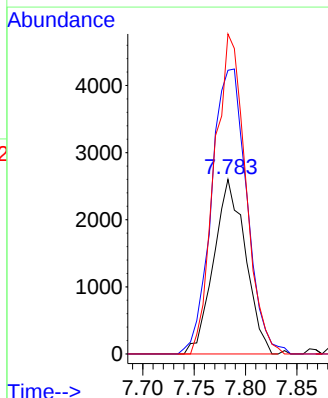
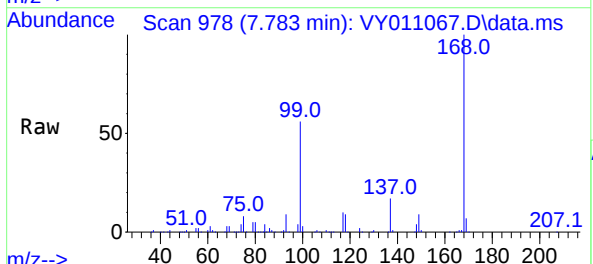
Ion	Ratio	Lower	Upper
84	100		
49	112.5	114.4	171.6#
51	33.7	35.3	52.9#
86	63.2	53.7	80.5

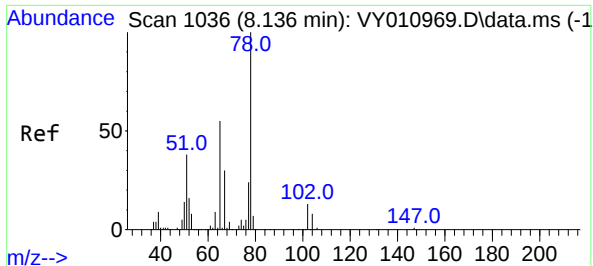


#31
Cyclohexane
Concen: 1.069 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY011067.D
Acq: 24 Oct 2022 14:28

Tgt Ion: 56 Resp: 5588

Ion	Ratio	Lower	Upper
56	100		
69	162.5	26.7	40.1#
84	183.2	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 51.411 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY011067.D

Acq: 24 Oct 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

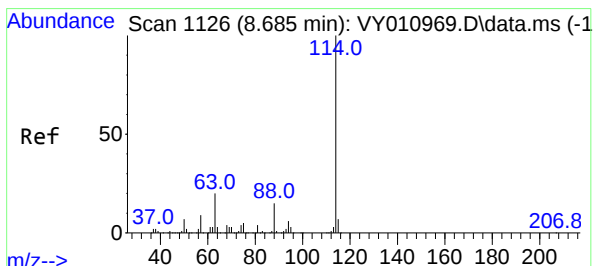
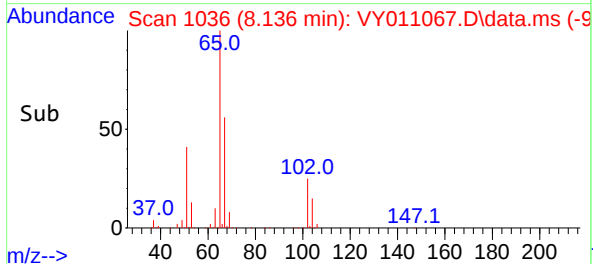
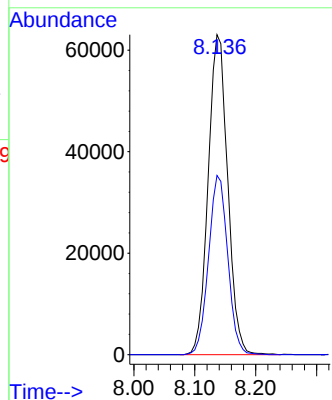
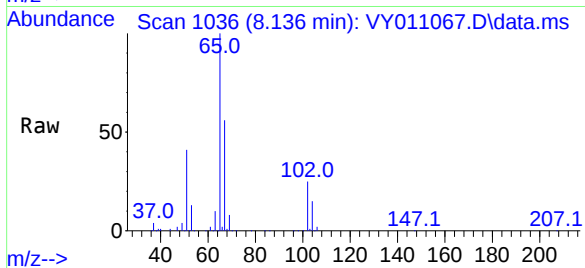
WC-1-102122

Tgt Ion: 65 Resp: 140438

Ion Ratio Lower Upper

65 100

67 55.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY011067.D

Acq: 24 Oct 2022 14:28

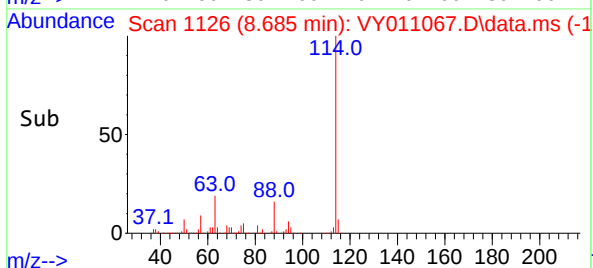
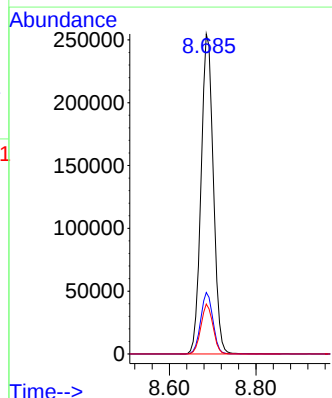
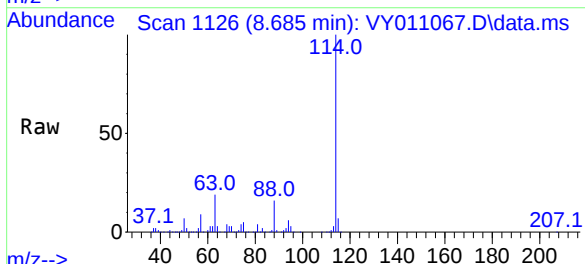
Tgt Ion: 114 Resp: 500280

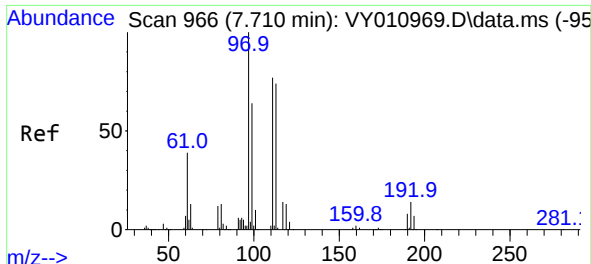
Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 15.6 0.0 31.8

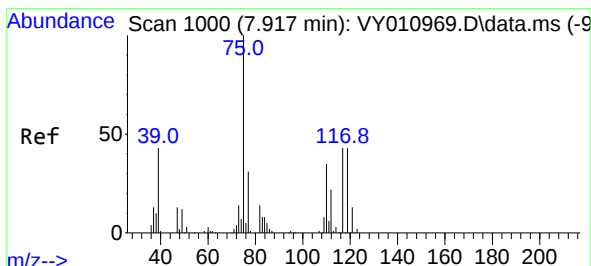
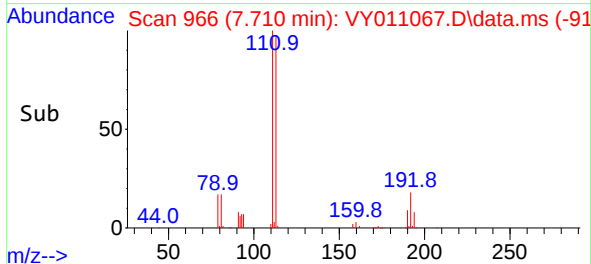
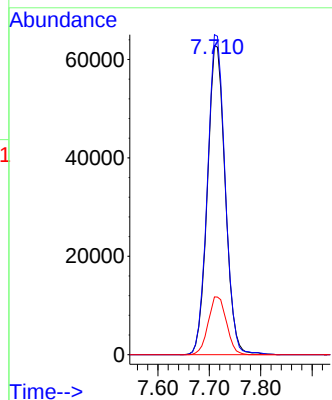
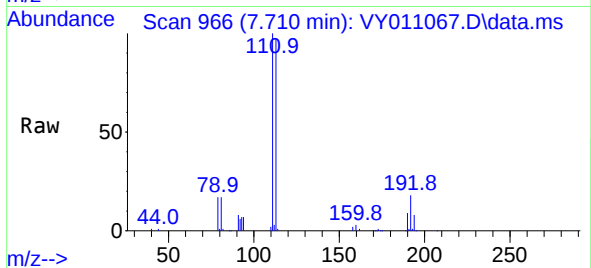




#35
Dibromofluoromethane
Concen: 54.389 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY011067.D
Acq: 24 Oct 2022 14:28

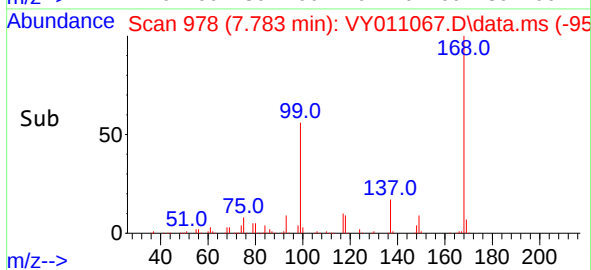
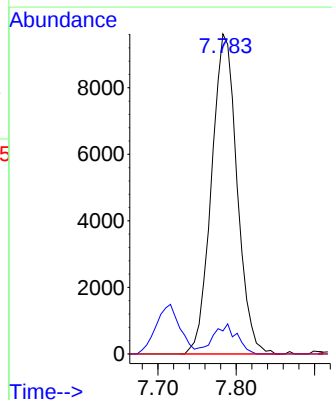
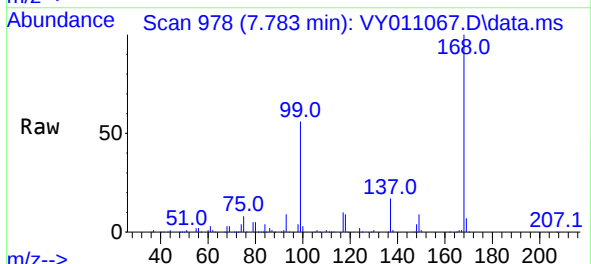
Instrument :
MSVOA_Y
ClientSampleId :
WC-1-102122

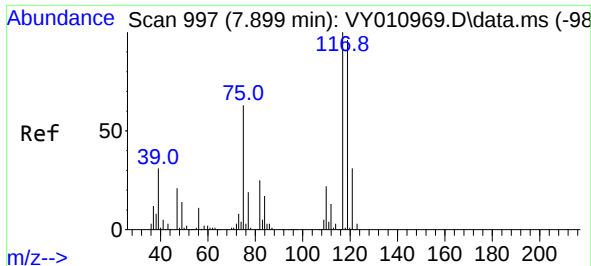
Tgt Ion:113 Resp: 151148
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 19.2 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.685 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY011067.D
Acq: 24 Oct 2022 14:28

Tgt Ion: 75 Resp: 21820
Ion Ratio Lower Upper
75 100
110 8.5 17.1 51.2#
77 0.0 24.4 36.6#





#38

Carbon Tetrachloride

Concen: 5.960 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.116 min

Lab File: VY011067.D

Acq: 24 Oct 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

WC-1-102122

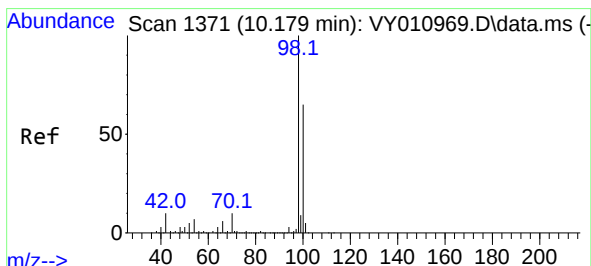
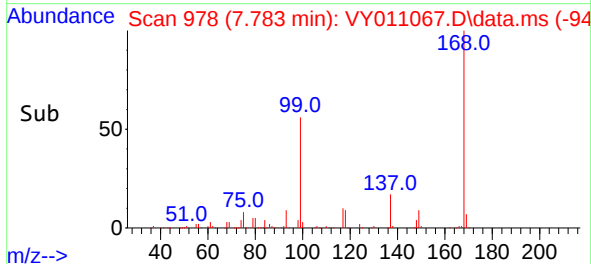
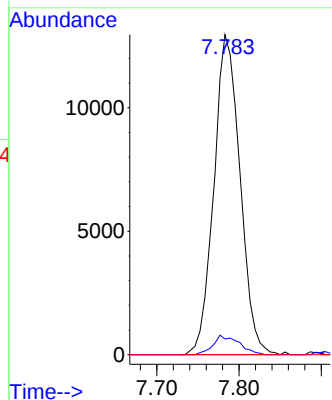
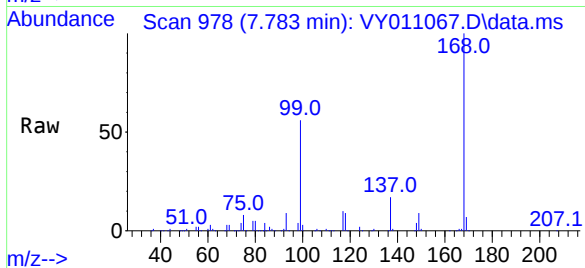
Tgt Ion:117 Resp: 28650

Ion Ratio Lower Upper

117 100

119 4.9 77.9 116.9#

121 0.0 24.8 37.2#



#50

Toluene-d8

Concen: 49.353 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY011067.D

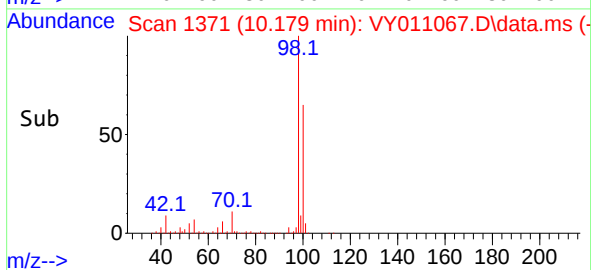
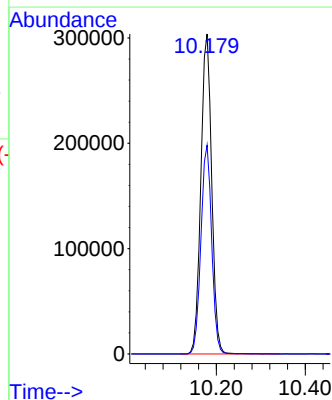
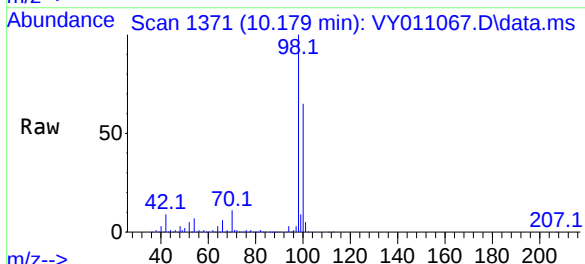
Acq: 24 Oct 2022 14:28

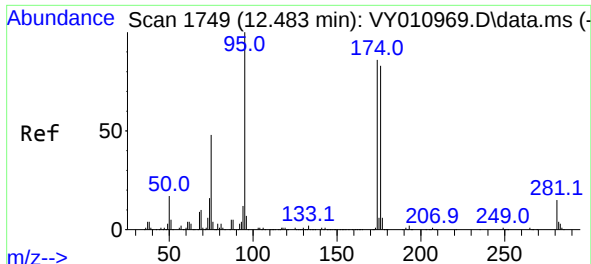
Tgt Ion: 98 Resp: 515532

Ion Ratio Lower Upper

98 100

100 64.8 50.2 75.2

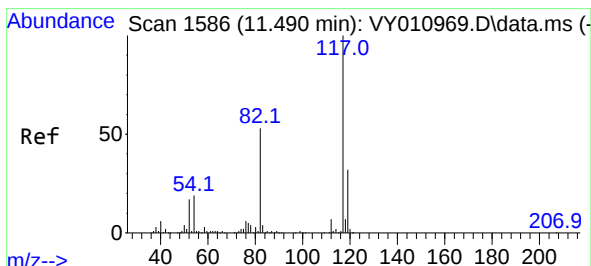
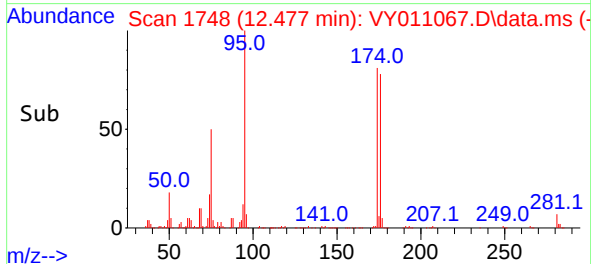
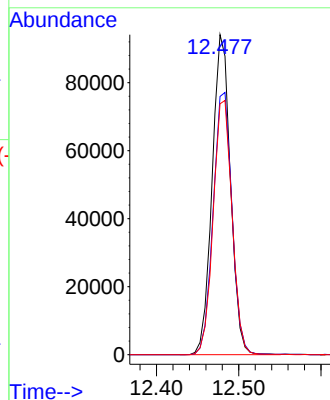
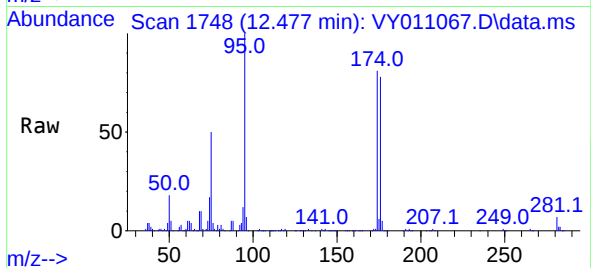




#62
4-Bromofluorobenzene
Concen: 38.584 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011067.D
Acq: 24 Oct 2022 14:28

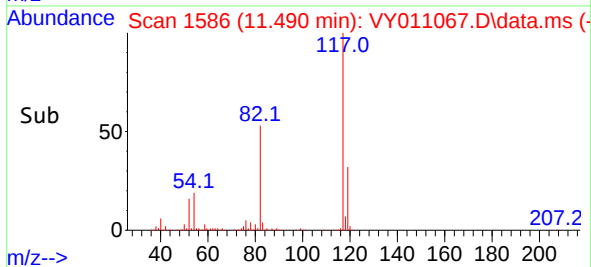
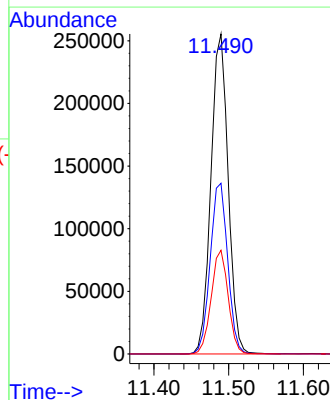
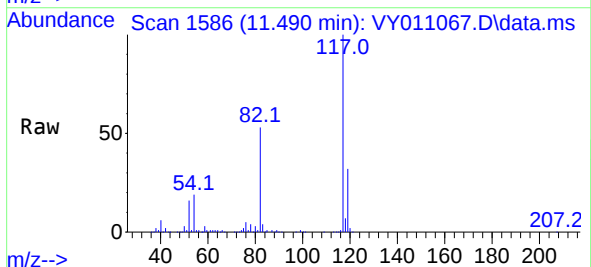
Instrument :
MSVOA_Y
ClientSampleId :
WC-1-102122

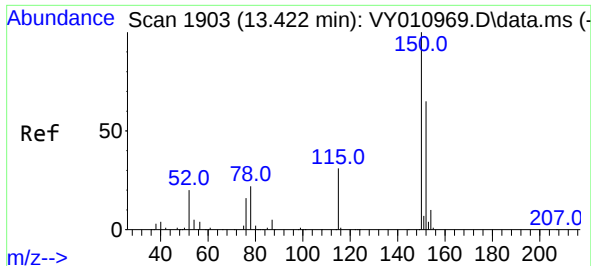
Tgt Ion: 95 Resp: 145366
Ion Ratio Lower Upper
95 100
174 84.4 0.0 177.0
176 82.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011067.D
Acq: 24 Oct 2022 14:28

Tgt Ion: 117 Resp: 409038
Ion Ratio Lower Upper
117 100
82 53.4 43.0 64.4
119 32.4 25.4 38.0

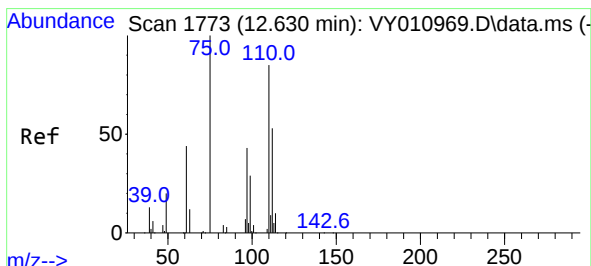
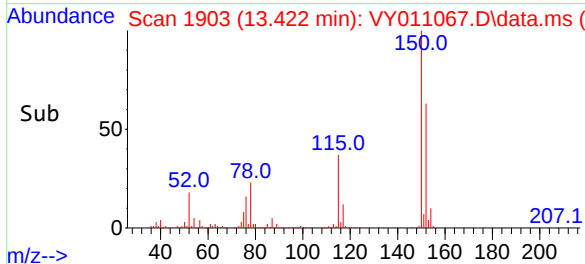
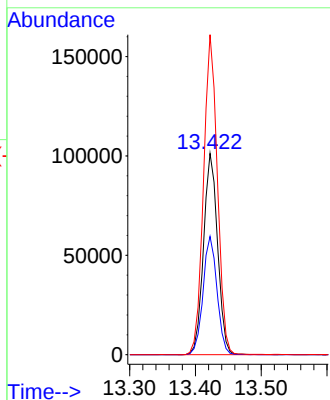
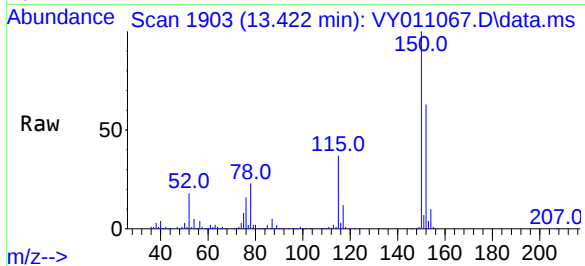




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011067.D
Acq: 24 Oct 2022 14:28

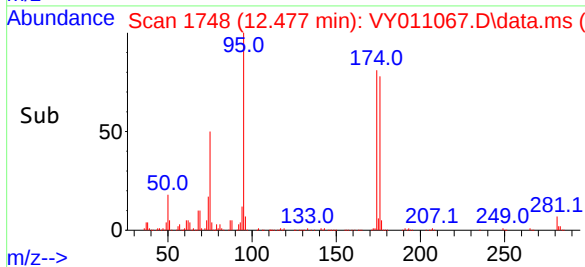
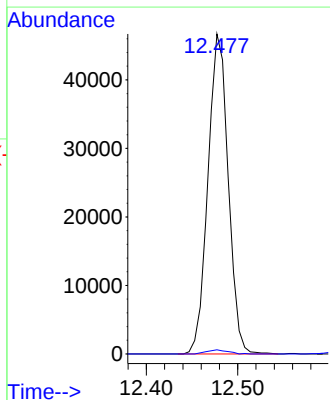
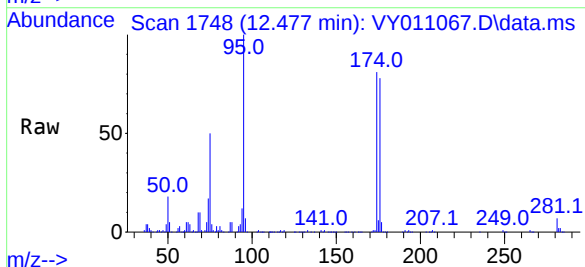
Instrument :
MSVOA_Y
ClientSampleId :
WC-1-102122

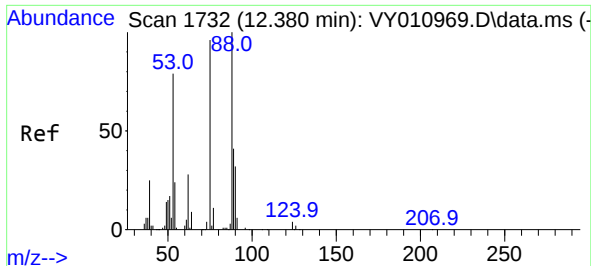
Tgt Ion:152 Resp: 150736
Ion Ratio Lower Upper
152 100
115 58.3 28.2 84.7
150 156.9 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 42.071 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011067.D
Acq: 24 Oct 2022 14:28

Tgt Ion: 75 Resp: 71998
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.483 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY011067.D
 Acq: 24 Oct 2022 14:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1-102122

Tgt Ion: 75 Resp: 71998
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.1 37.0 55.4#

