

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100722\
 Data File : VY010860.D
 Acq On : 07 Oct 2022 10:35
 Operator : KP/MD
 Sample : VY1007SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1007SBL01

Quant Time: Oct 08 04:45:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

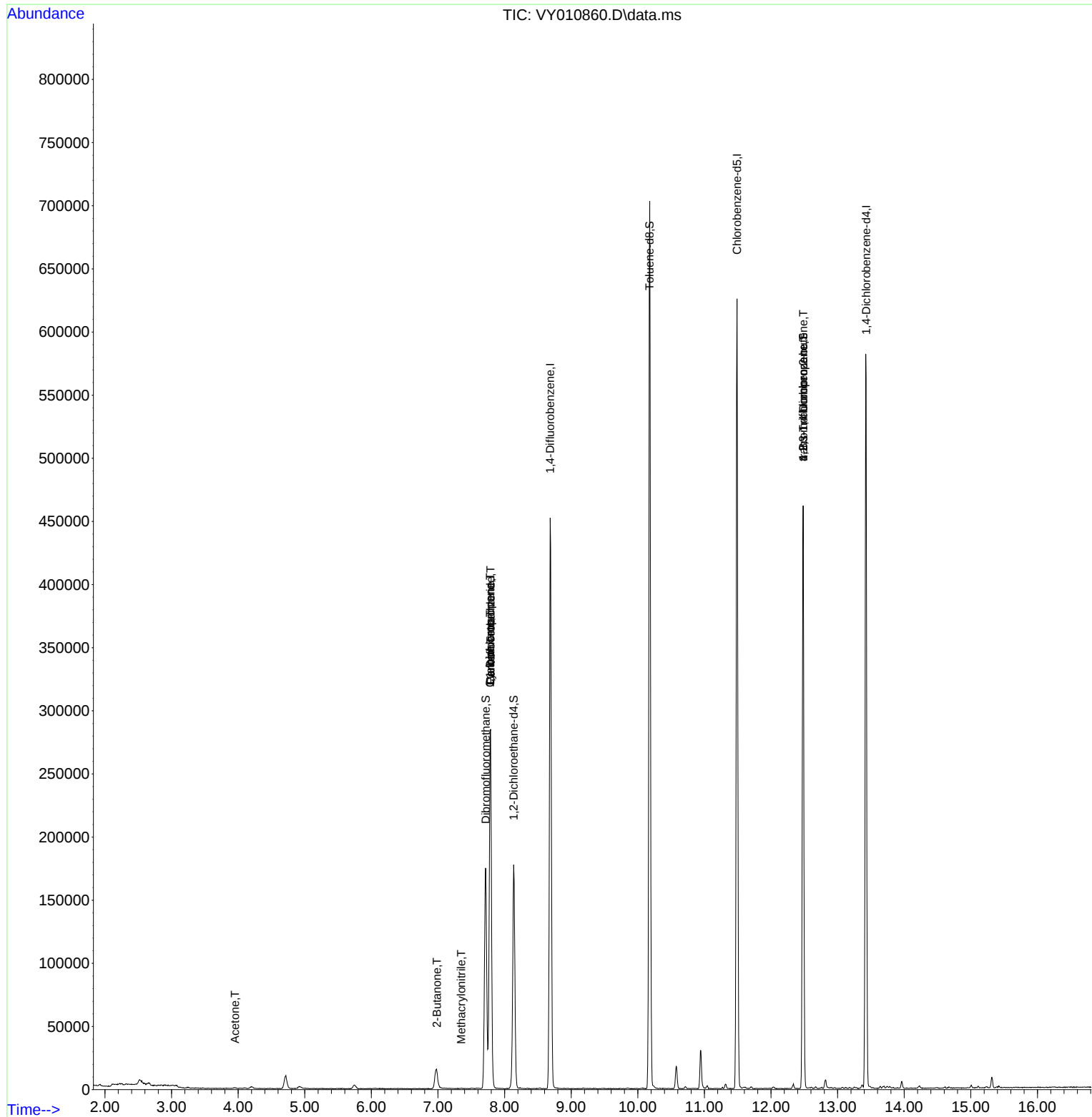
Internal Standards						
1) Pentafluorobenzene	7.789	168	221441	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	384608	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	339527	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	148182	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	130985	58.356	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.720%			
35) Dibromofluoromethane	7.716	113	123238	48.271	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.540%			
50) Toluene-d8	10.179	98	459975	52.682	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.360%			
62) 4-Bromofluorobenzene	12.483	95	139541	40.185	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 80.380%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.911	59	1997	Below Cal	#	77
16) Acetone	3.954	43	1121	1.966	ug/l	99
20) Methylene Chloride	4.710	84	7665	Below Cal	#	82
25) 2-Butanone	6.984	43	1513	1.846	ug/l	99
31) Cyclohexane	7.783	56	4677	1.164	ug/l	# 1
36) 1,1-Dichloropropene	7.783	75	18024	4.890	ug/l	# 50
38) Carbon Tetrachloride	7.789	117	22506	5.863	ug/l	# 15
41) Methacrylonitrile	7.350	41	86	2.658	ug/l	# 1
76) 1,2,3-Trichloropropane	12.483	75	71812	47.855	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	71812	99.964	ug/l	# 7

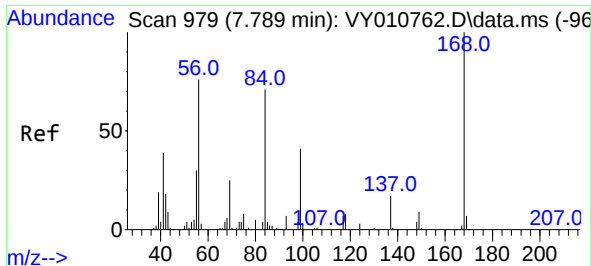
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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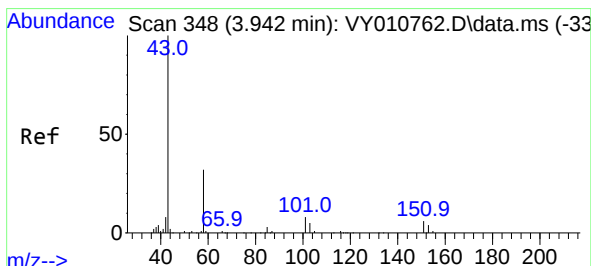
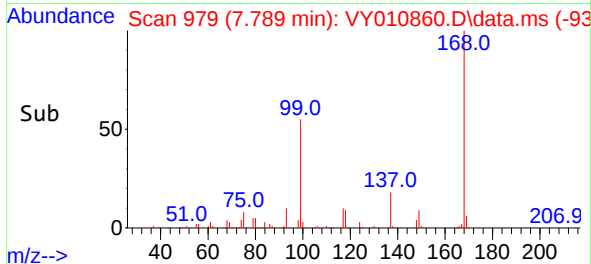
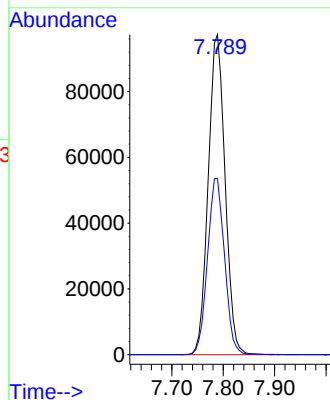
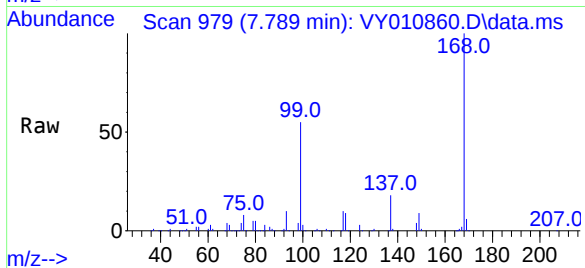




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010860.D
Acq: 07 Oct 2022 10:35

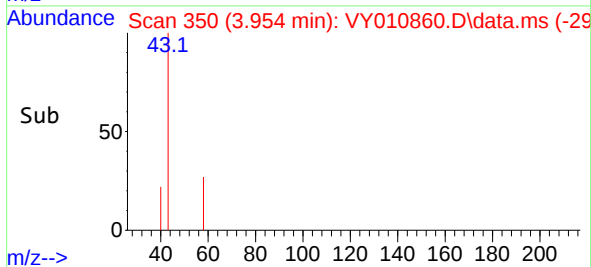
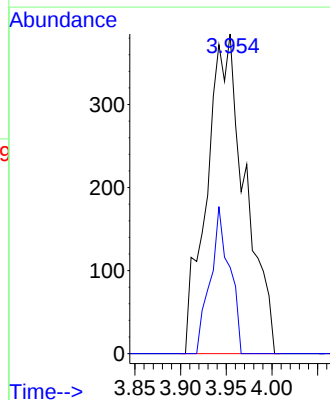
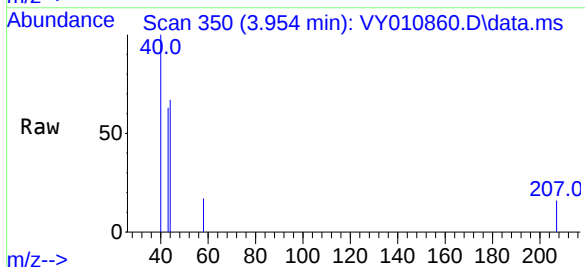
Instrument :
MSVOA_Y
ClientSampleId :
VY1007SBL01

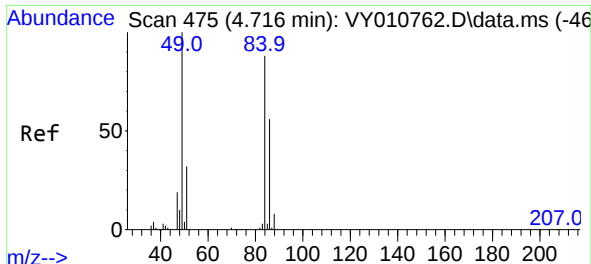
Tgt Ion:168 Resp: 221441
Ion Ratio Lower Upper
168 100
99 55.1 46.9 70.3



#16
Acetone
Concen: 1.966 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY010860.D
Acq: 07 Oct 2022 10:35

Tgt Ion: 43 Resp: 1121
Ion Ratio Lower Upper
43 100
58 27.0 22.0 33.0



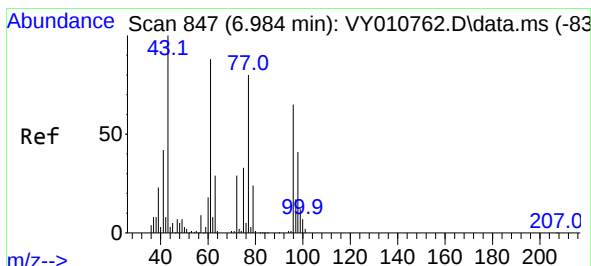
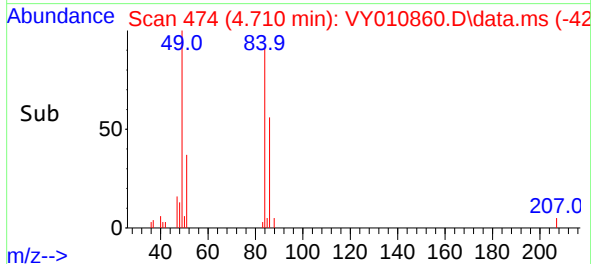
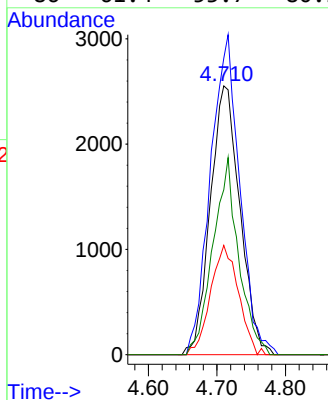
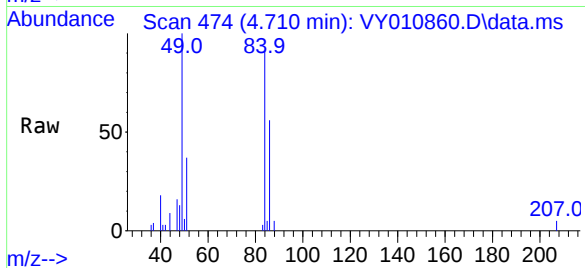


#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010860.D
Acq: 07 Oct 2022 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VY1007SBL01

Tgt Ion: 84 Resp: 7665

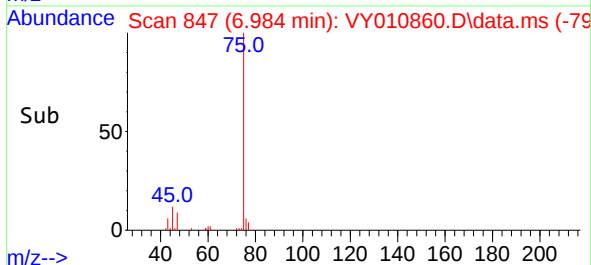
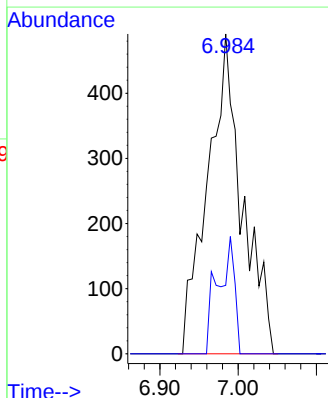
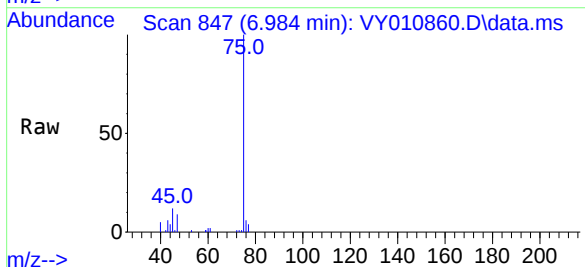
Ion	Ratio	Lower	Upper
84	100		
49	110.3	114.4	171.6#
51	40.7	35.3	52.9
86	61.4	53.7	80.5

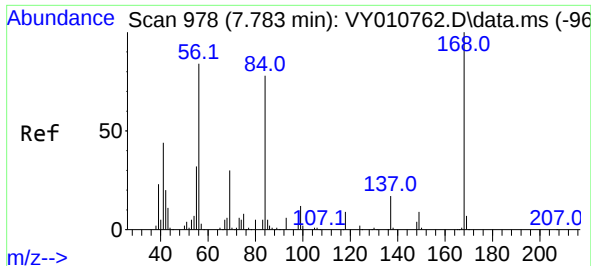


#25
2-Butanone
Concen: 1.846 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY010860.D
Acq: 07 Oct 2022 10:35

Tgt Ion: 43 Resp: 1513

Ion	Ratio	Lower	Upper
43	100		
72	21.4	17.7	26.5

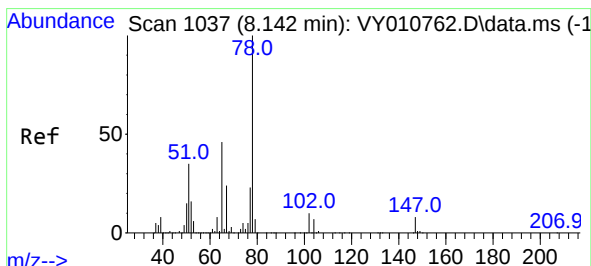
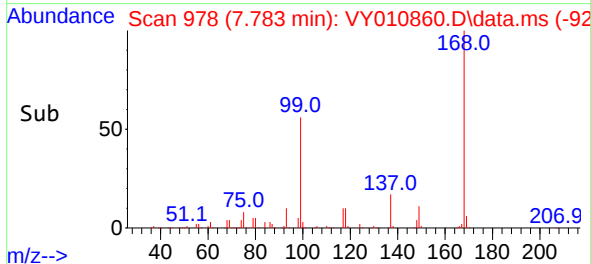
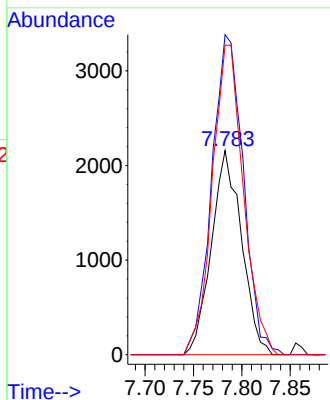
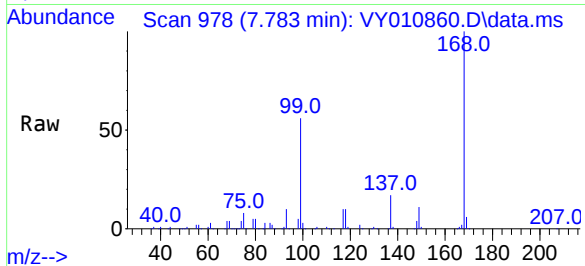




#31
Cyclohexane
Concen: 1.164 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010860.D
Acq: 07 Oct 2022 10:35

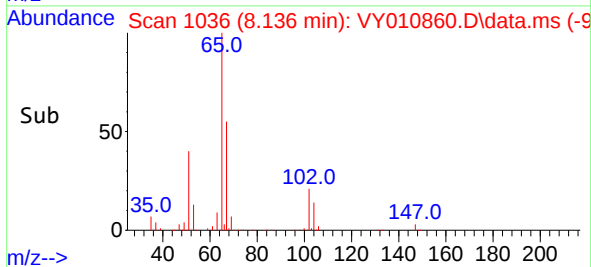
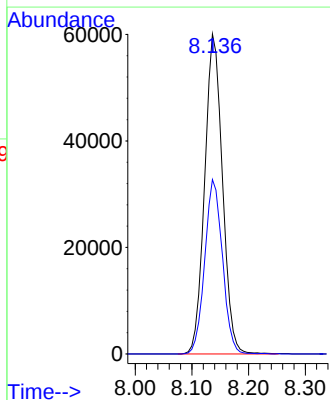
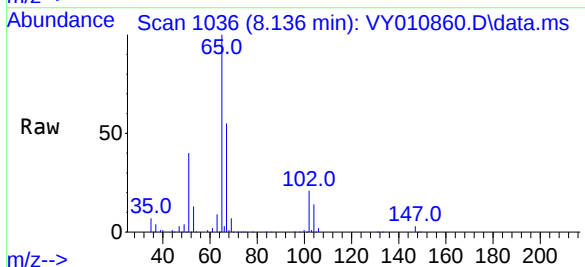
Instrument :
MSVOA_Y
ClientSampleId :
VY1007SBL01

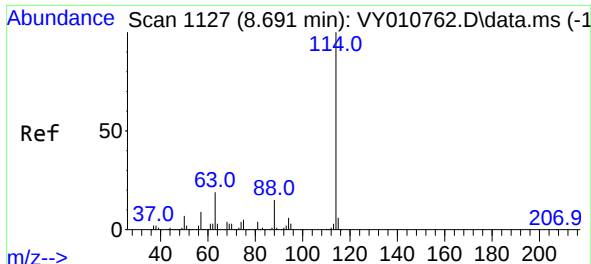
Tgt Ion: 56 Resp: 4677
Ion Ratio Lower Upper
56 100
69 156.7 26.7 40.1#
84 151.5 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 58.356 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY010860.D
Acq: 07 Oct 2022 10:35

Tgt Ion: 65 Resp: 130985
Ion Ratio Lower Upper
65 100
67 54.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY010860.D

Acq: 07 Oct 2022 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VY1007SBL01

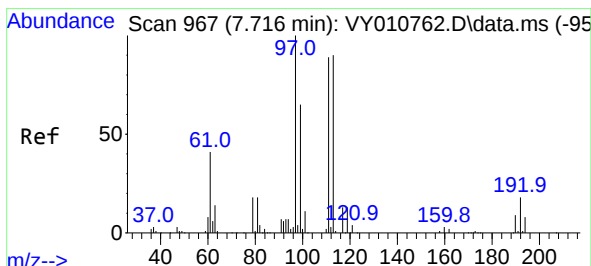
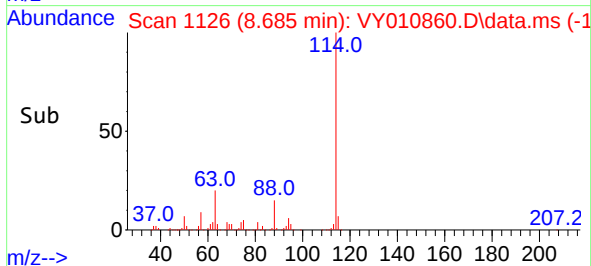
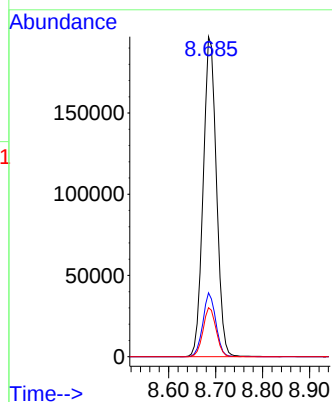
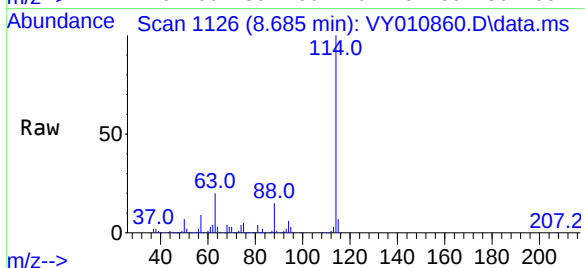
Tgt Ion:114 Resp: 384608

Ion Ratio Lower Upper

114 100

63 19.9 0.0 43.2

88 15.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 48.271 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY010860.D

Acq: 07 Oct 2022 10:35

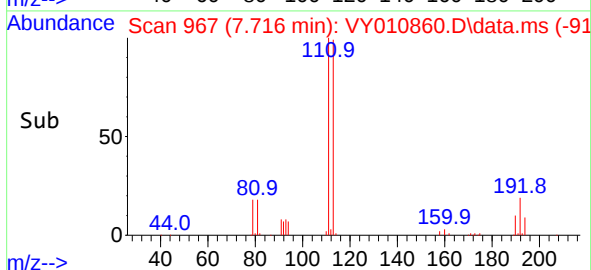
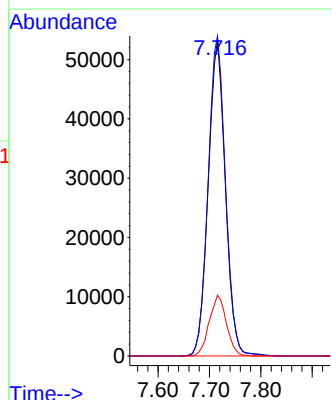
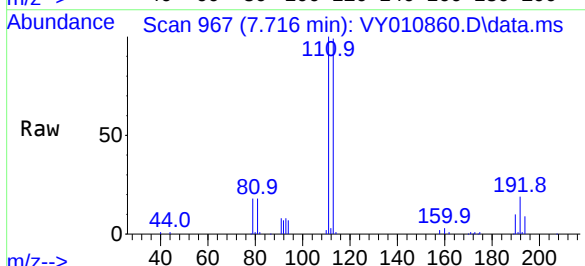
Tgt Ion:113 Resp: 123238

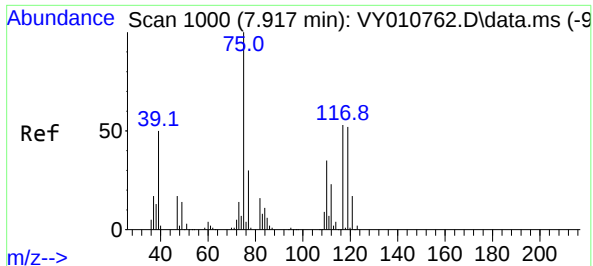
Ion Ratio Lower Upper

113 100

111 102.5 82.6 124.0

192 19.3 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.890 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY010860.D

Acq: 07 Oct 2022 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VY1007SBL01

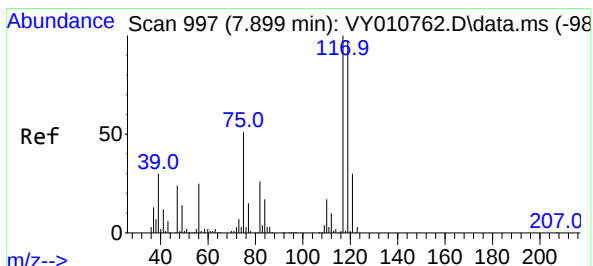
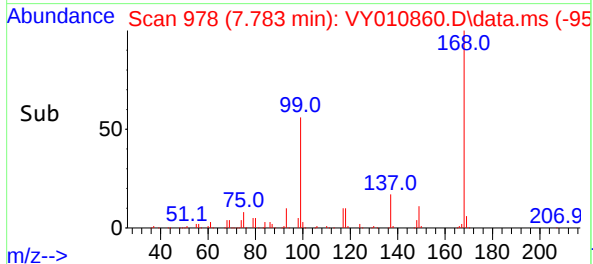
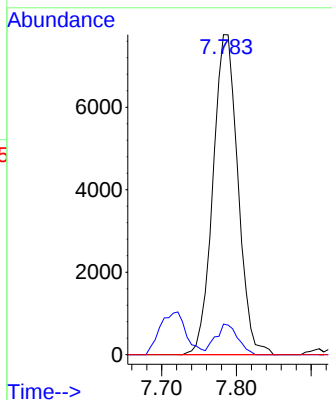
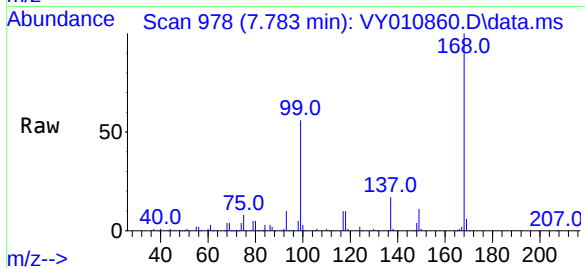
Tgt Ion: 75 Resp: 18024

Ion Ratio Lower Upper

75 100

110 8.4 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.863 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY010860.D

Acq: 07 Oct 2022 10:35

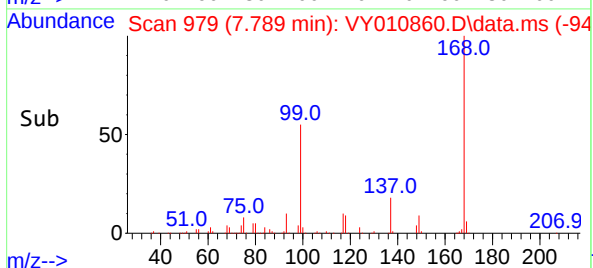
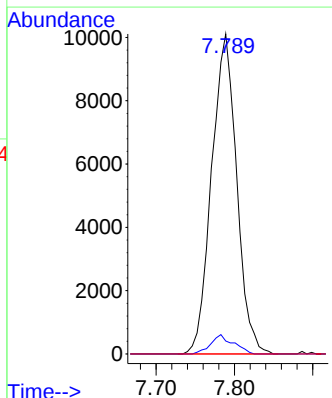
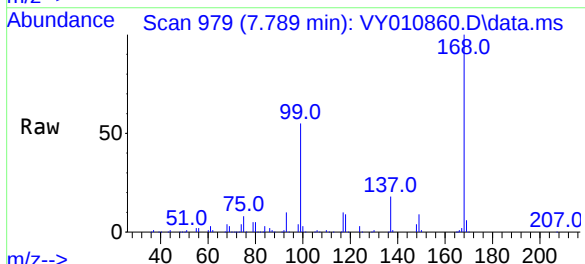
Tgt Ion: 117 Resp: 22506

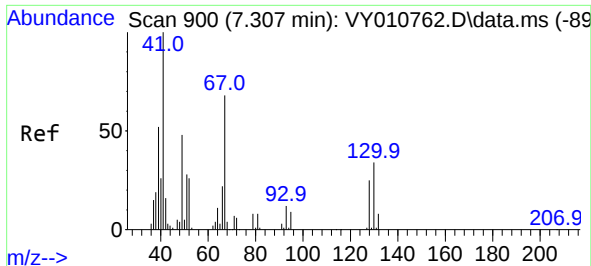
Ion Ratio Lower Upper

117 100

119 4.1 77.9 116.9#

121 0.0 24.8 37.2#

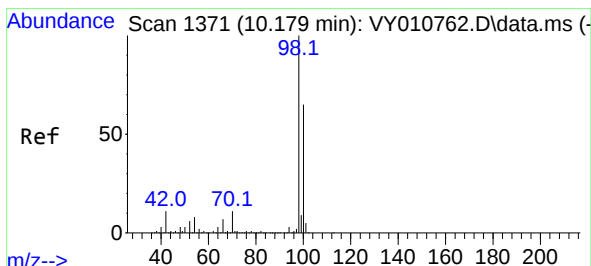
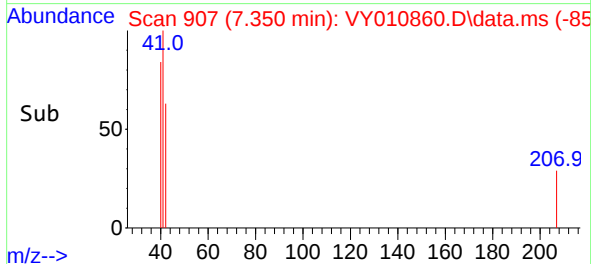
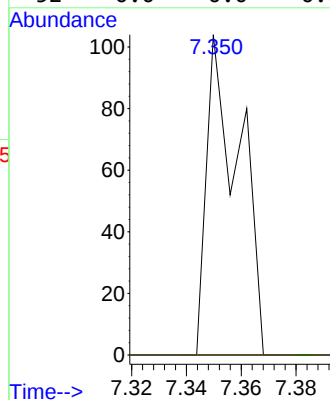
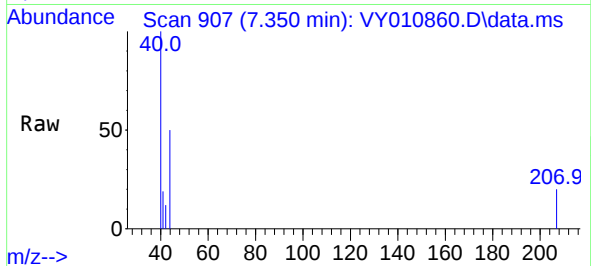




#41
Methacrylonitrile
Concen: 2.658 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.043 min
Lab File: VY010860.D
Acq: 07 Oct 2022 10:35

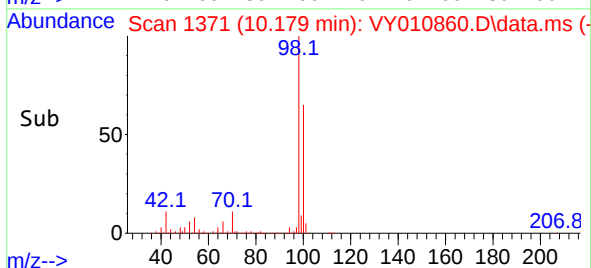
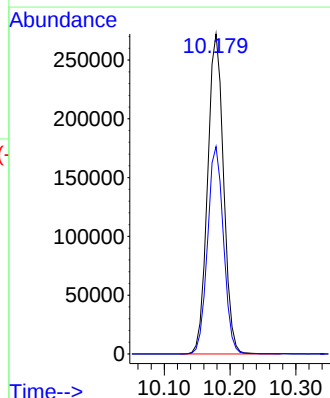
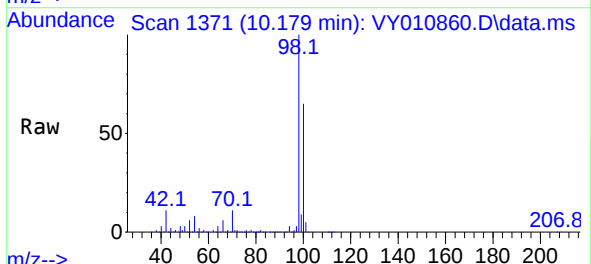
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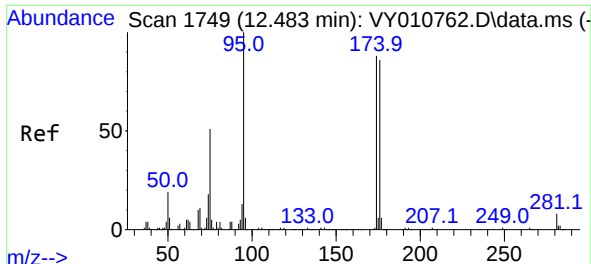
Tgt Ion:	41	Resp:	86
Ion	Ratio	Lower	Upper
41	100		
39	0.0	92.9	139.3#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#50
Toluene-d8
Concen: 52.682 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010860.D
Acq: 07 Oct 2022 10:35

Tgt Ion:	98	Resp:	459975
Ion	Ratio	Lower	Upper
98	100		
100	64.8	50.2	75.2

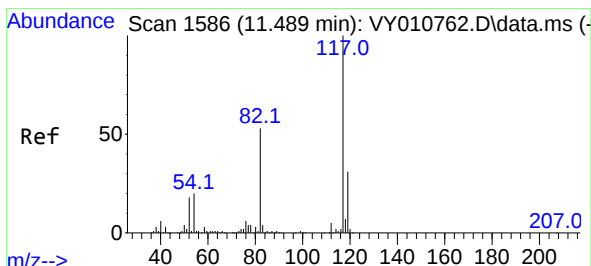
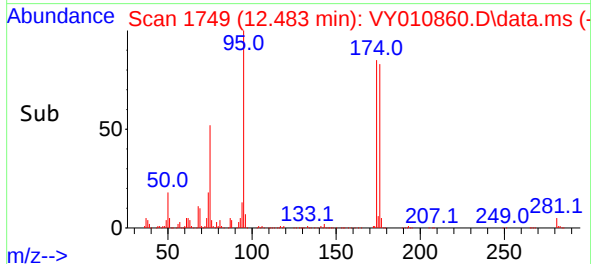
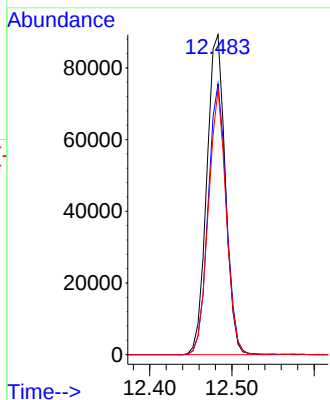
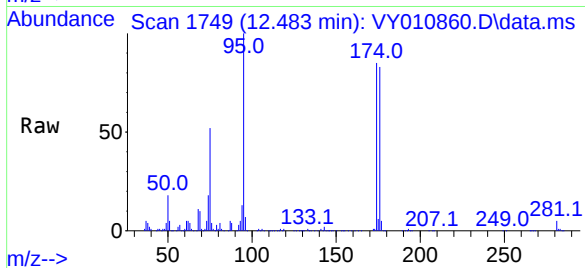




#62
4-Bromofluorobenzene
Concen: 40.185 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010860.D
Acq: 07 Oct 2022 10:35

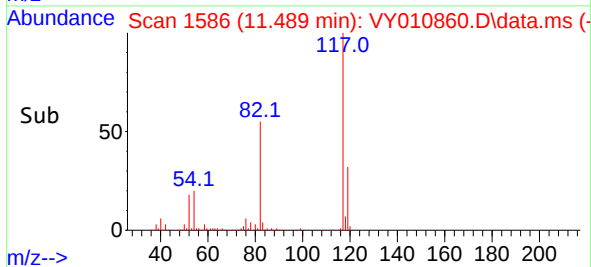
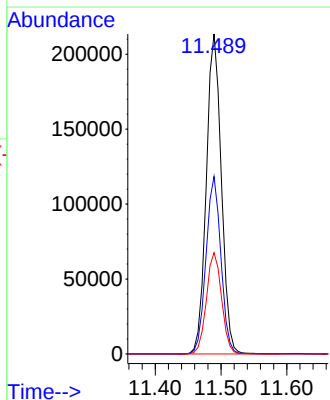
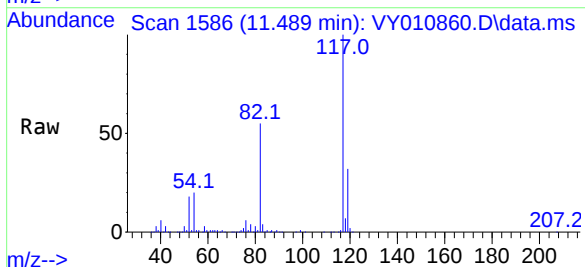
Instrument :
MSVOA_Y
ClientSampleId :
VY1007SBL01

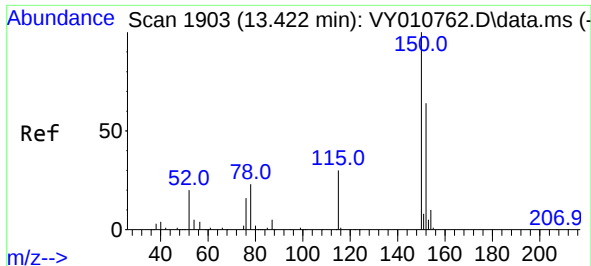
Tgt Ion: 95 Resp: 139541
Ion Ratio Lower Upper
95 100
174 83.4 0.0 177.0
176 79.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY010860.D
Acq: 07 Oct 2022 10:35

Tgt Ion: 117 Resp: 339527
Ion Ratio Lower Upper
117 100
82 55.4 43.0 64.4
119 31.7 25.4 38.0

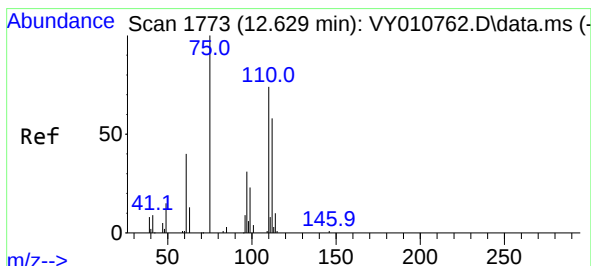
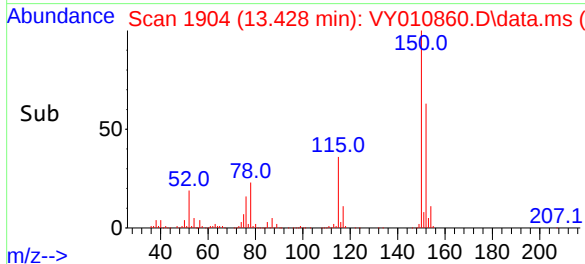
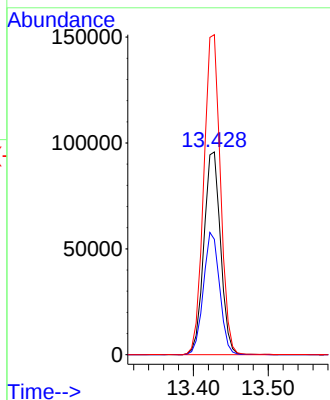
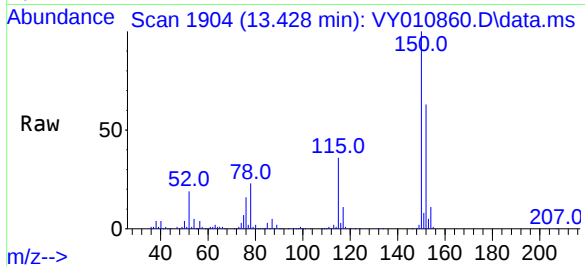




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY010860.D
Acq: 07 Oct 2022 10:35

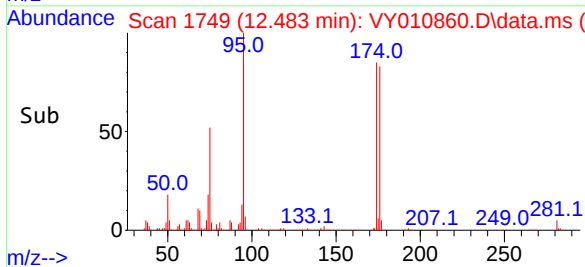
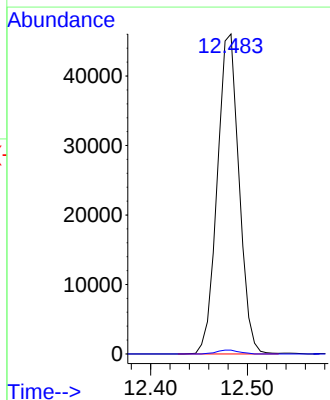
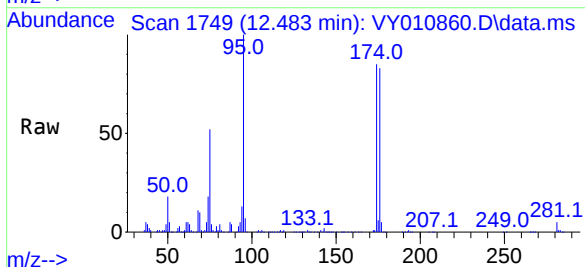
Instrument :
MSVOA_Y
ClientSampleId :
VY1007SBL01

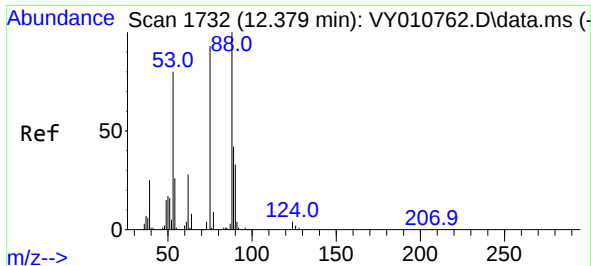
Tgt Ion:152 Resp: 148182
Ion Ratio Lower Upper
152 100
115 58.8 28.2 84.7
150 157.7 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 47.855 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY010860.D
Acq: 07 Oct 2022 10:35

Tgt Ion: 75 Resp: 71812
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 99.964 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY010860.D
 Acq: 07 Oct 2022 10:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1007SBL01

Tgt Ion: 75 Resp: 71812
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 0.0 37.0 55.4#

