

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100622\
 Data File : VY010845.D
 Acq On : 06 Oct 2022 15:22
 Operator : KP/MD
 Sample : N5004-20
 Misc : 6.52g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D22012-18

Quant Time: Oct 07 02:29:42 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)

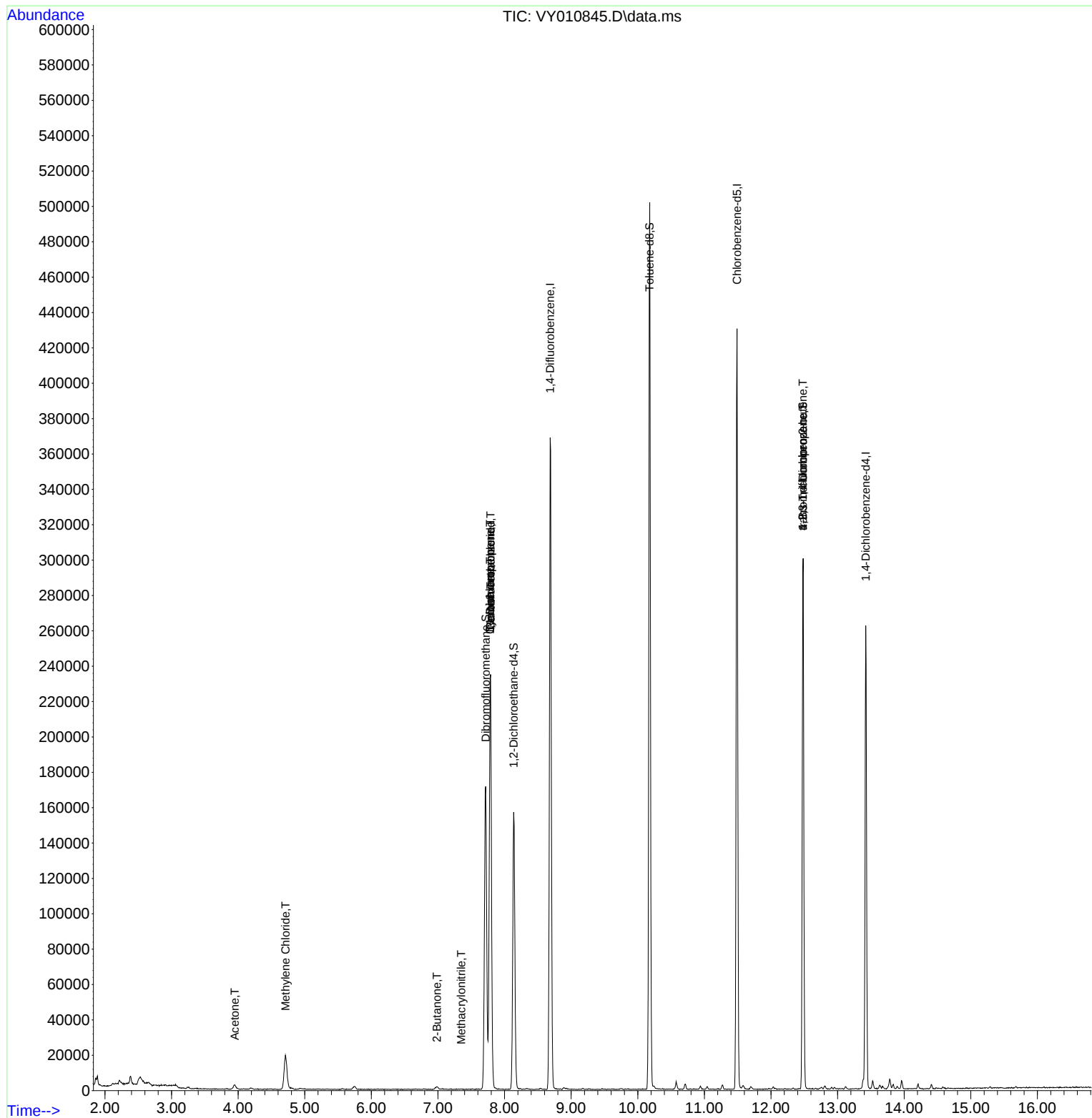
Internal Standards						
1) Pentafluorobenzene	7.789	168	182387	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	313664	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	233721	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	67692	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	120249	65.044	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 130.080%			
35) Dibromofluoromethane	7.716	113	121804	58.500	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 117.000%			
50) Toluene-d8	10.179	98	323540	45.437	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 90.880%			
62) 4-Bromofluorobenzene	12.477	95	88904	30.525	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 61.040%			
Target Compounds						
11) Tert butyl alcohol	4.942	59	1122	Below Cal	#	77
16) Acetone	3.948	43	4726	10.065	ug/l	95
20) Methylene Chloride	4.710	84	14381	1.976	ug/l	93
25) 2-Butanone	6.984	43	1946	2.883	ug/l	100
31) Cyclohexane	7.783	56	3840	1.160	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	14313	4.762	ug/l #	50
38) Carbon Tetrachloride	7.789	117	18517	5.915	ug/l #	16
41) Methacrylonitrile	7.350	41	49	2.635	ug/l #	74
76) 1,2,3-Trichloropropane	12.477	75	45468	66.327	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	45468	138.552	ug/l #	7

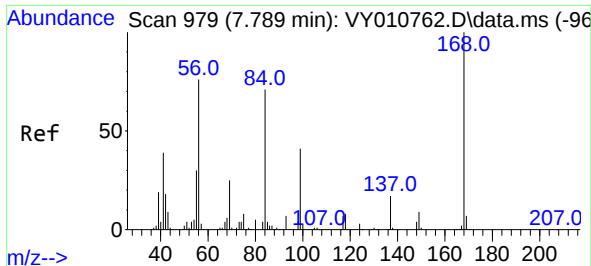
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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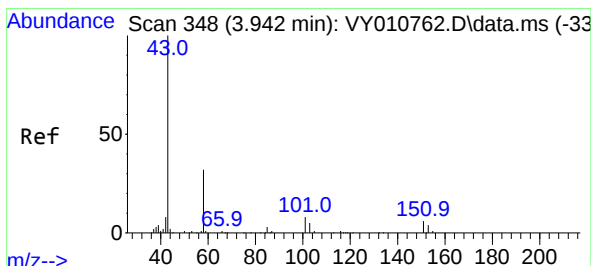
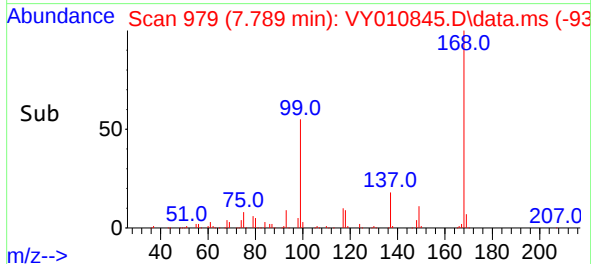
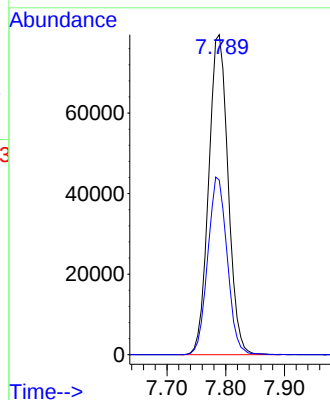
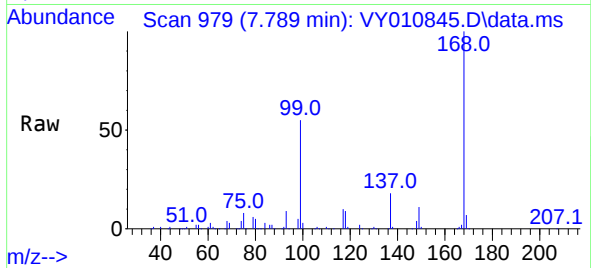




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY010845.D
Acq: 06 Oct 2022 15:22

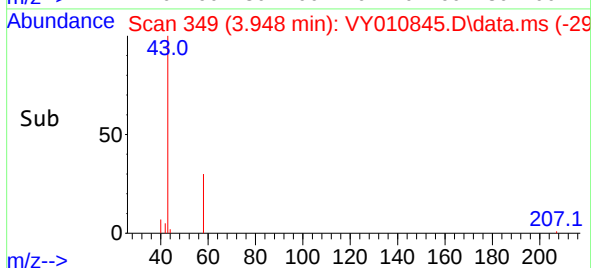
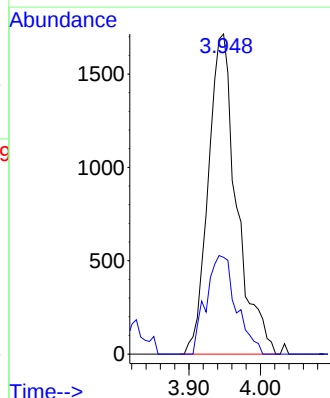
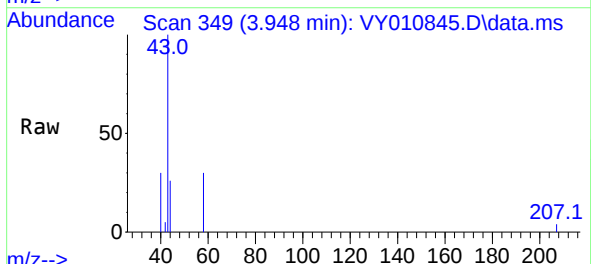
Instrument :
MSVOA_Y
ClientSampleId :
D22012-18

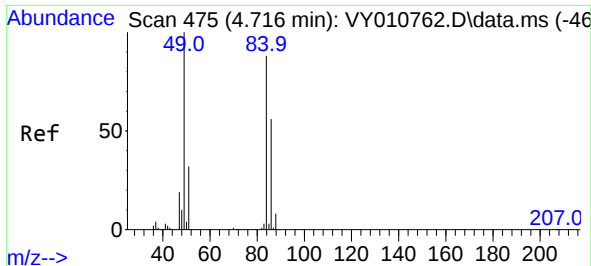
Tgt Ion:168 Resp: 182387
Ion Ratio Lower Upper
168 100
99 54.5 46.9 70.3



#16
Acetone
Concen: 10.065 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY010845.D
Acq: 06 Oct 2022 15:22

Tgt Ion: 43 Resp: 4726
Ion Ratio Lower Upper
43 100
58 30.2 22.0 33.0

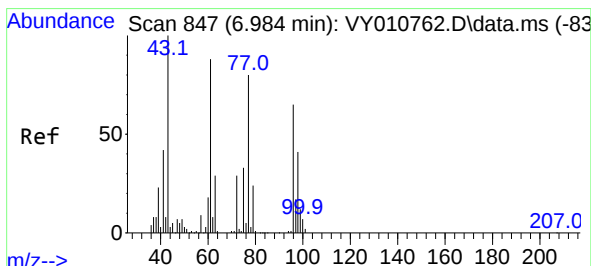
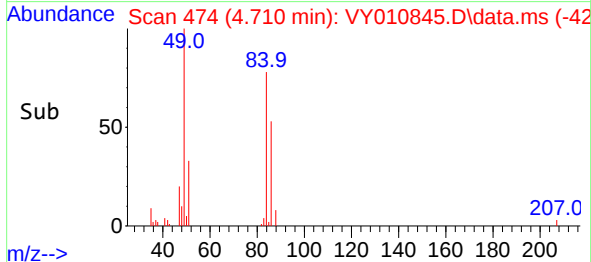
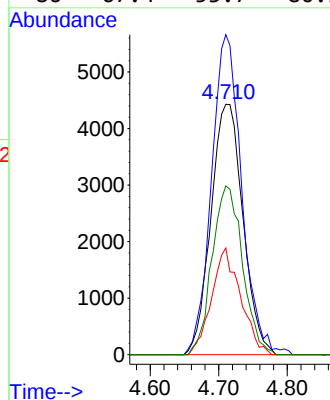
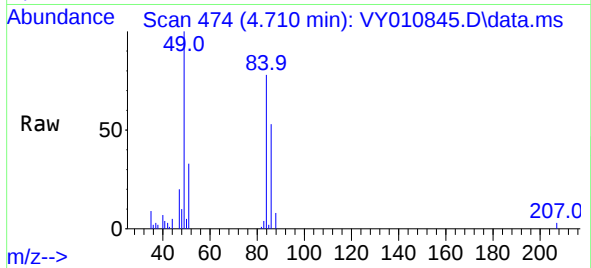




#20
Methylene Chloride
Concen: 1.976 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010845.D
Acq: 06 Oct 2022 15:22

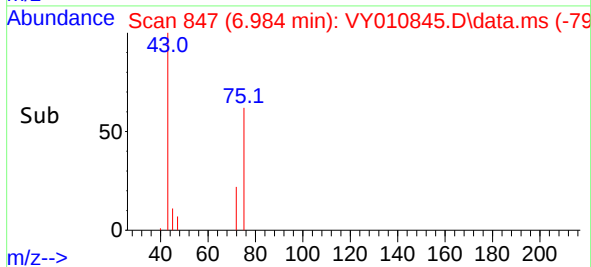
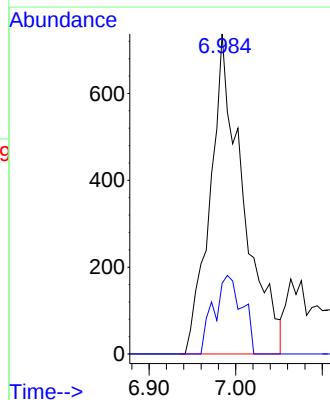
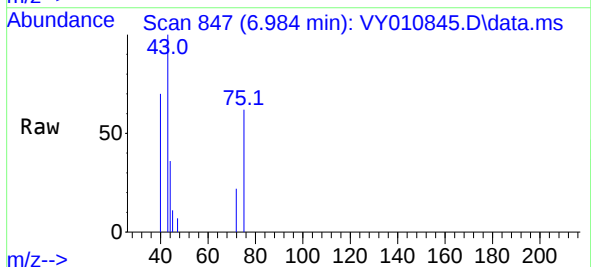
Instrument :
MSVOA_Y
ClientSampleId :
D22012-18

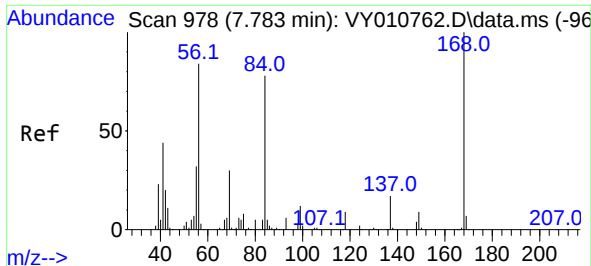
Tgt Ion: 84 Resp: 14381
Ion Ratio Lower Upper
84 100
49 127.8 114.4 171.6
51 42.6 35.3 52.9
86 67.4 53.7 80.5



#25
2-Butanone
Concen: 2.883 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY010845.D
Acq: 06 Oct 2022 15:22

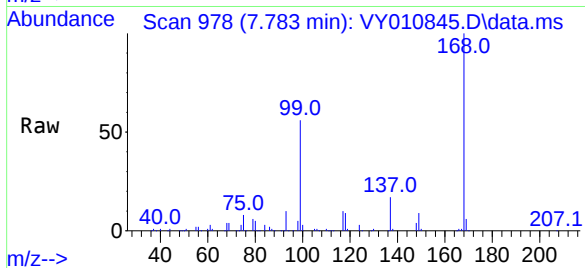
Tgt Ion: 43 Resp: 1946
Ion Ratio Lower Upper
43 100
72 22.1 17.7 26.5



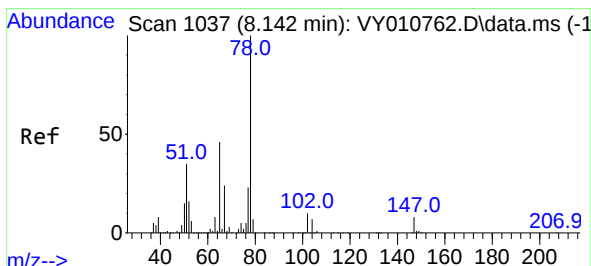
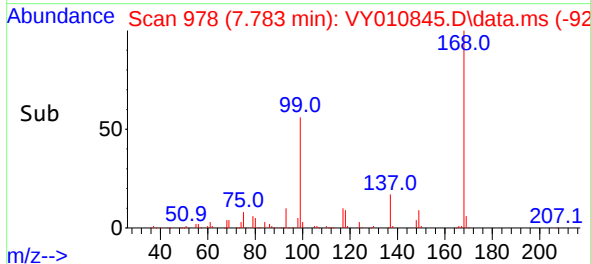
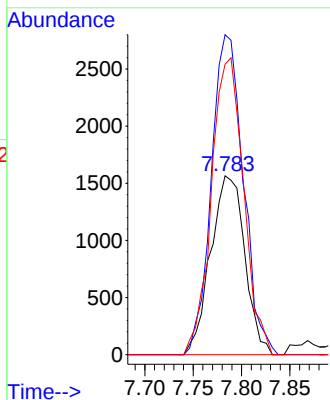


#31
Cyclohexane
Concen: 1.160 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010845.D
Acq: 06 Oct 2022 15:22

Instrument :
MSVOA_Y
ClientSampleId :
D22012-18

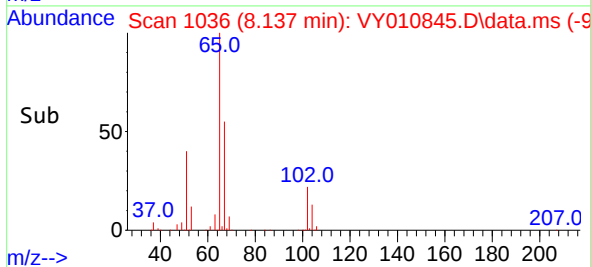
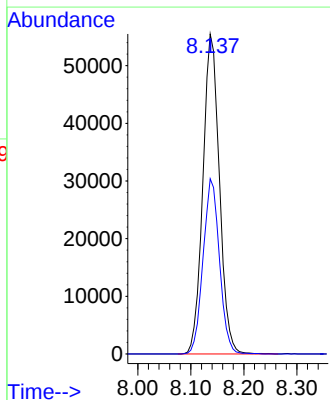
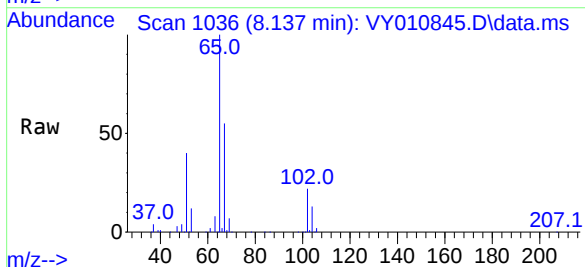


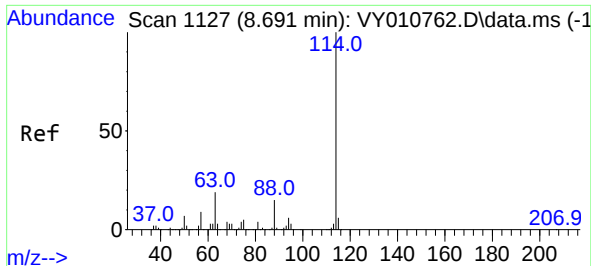
Tgt Ion: 56 Resp: 3840
Ion Ratio Lower Upper
56 100
69 178.9 26.7 40.1#
84 162.3 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 65.044 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY010845.D
Acq: 06 Oct 2022 15:22

Tgt Ion: 65 Resp: 120249
Ion Ratio Lower Upper
65 100
67 54.0 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: VY010845.D

Acq: 06 Oct 2022 15:22

Instrument :

MSVOA_Y

ClientSampleId :

D22012-18

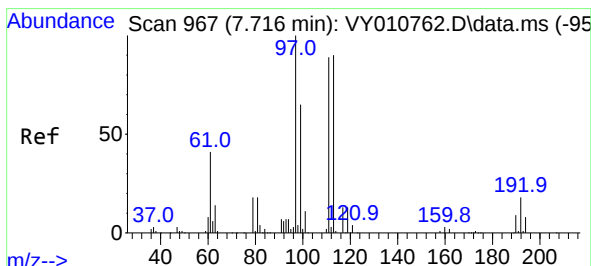
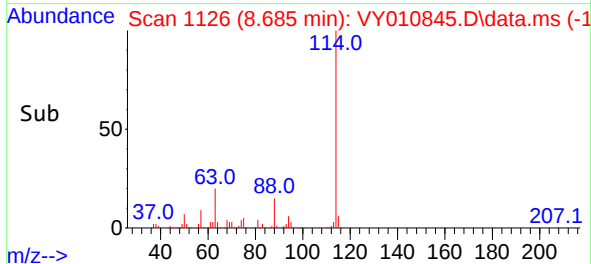
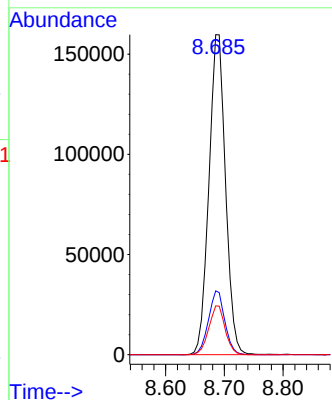
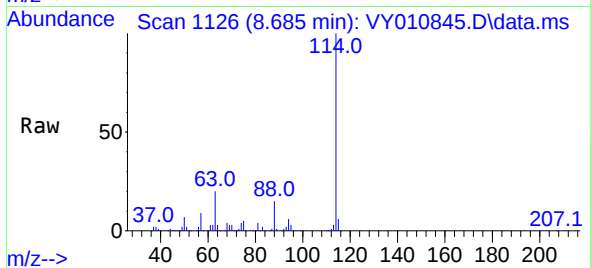
Tgt Ion:114 Resp: 313664

Ion Ratio Lower Upper

114 100

63 19.9 0.0 43.2

88 15.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 58.500 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY010845.D

Acq: 06 Oct 2022 15:22

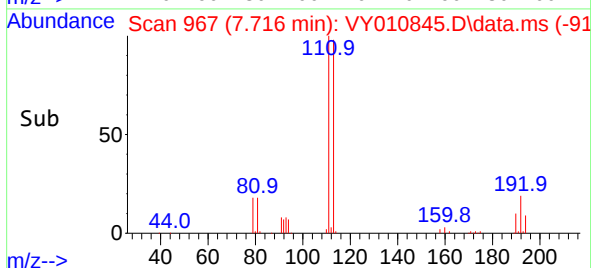
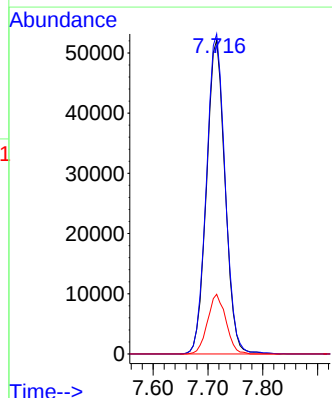
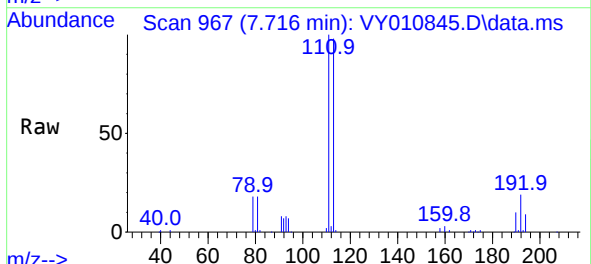
Tgt Ion:113 Resp: 121804

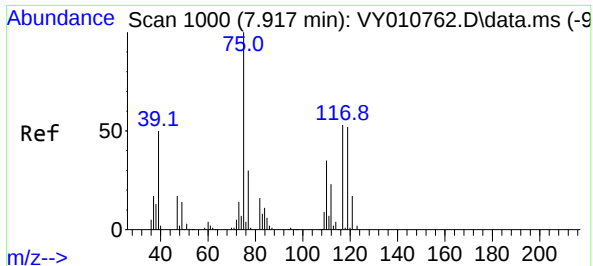
Ion Ratio Lower Upper

113 100

111 103.1 82.6 124.0

192 18.8 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.762 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY010845.D

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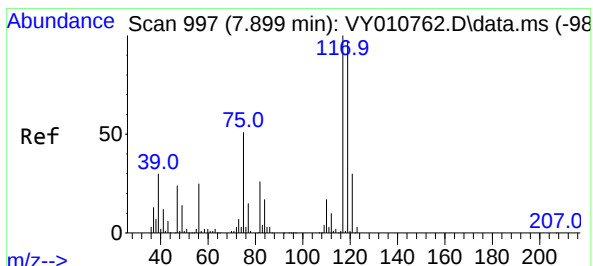
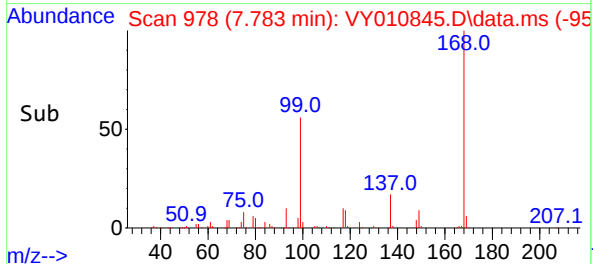
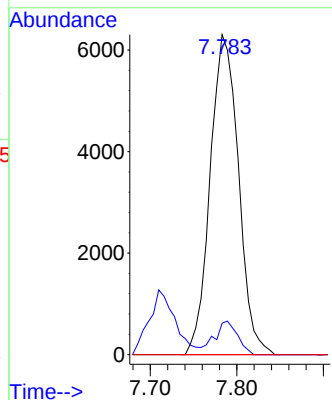
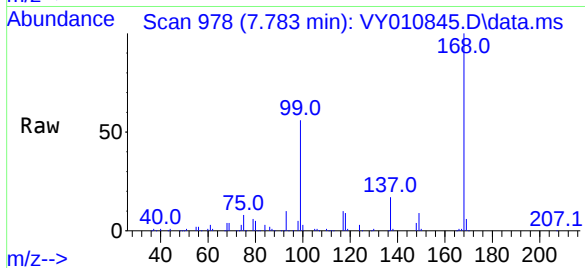
Tgt Ion: 75 Resp: 14313

Ion Ratio Lower Upper

75 100

110 8.5 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.915 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY010845.D

Acq: 06 Oct 2022 15:22

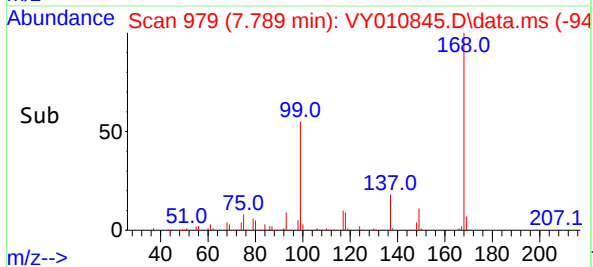
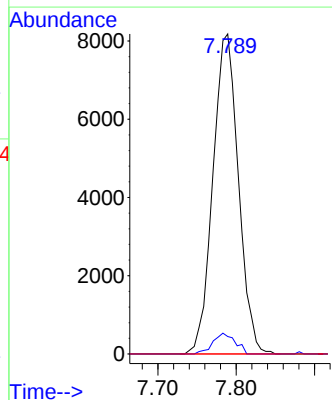
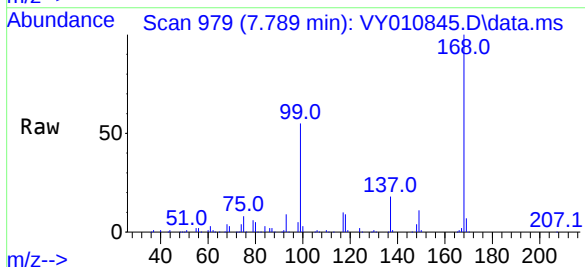
Tgt Ion: 117 Resp: 18517

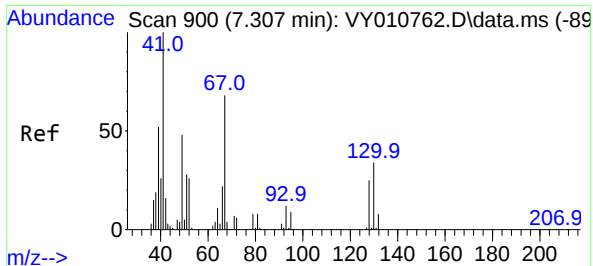
Ion Ratio Lower Upper

117 100

119 5.5 77.9 116.9#

121 0.0 24.8 37.2#

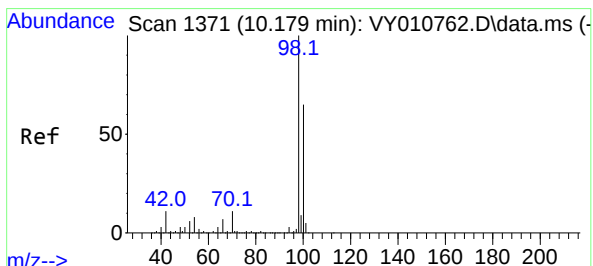
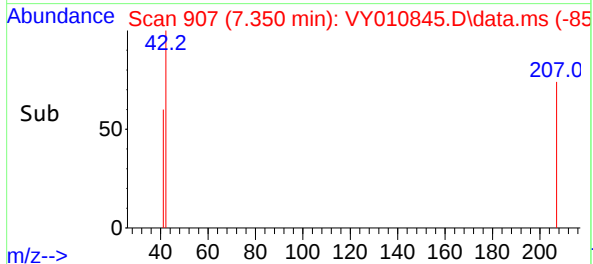
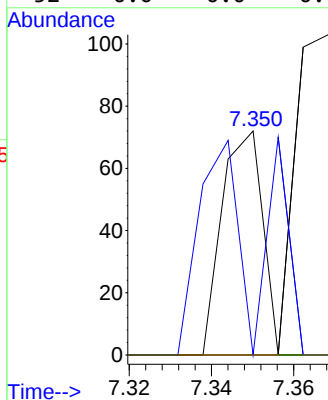
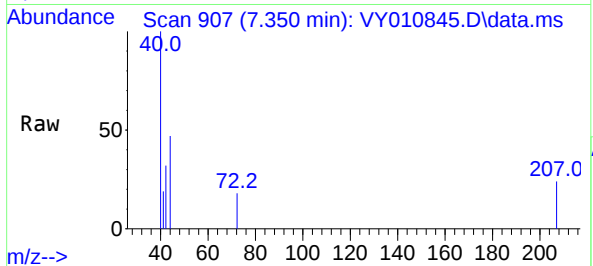




#41
Methacrylonitrile
Concen: 2.635 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.043 min
Lab File: VY010845.D
Acq: 06 Oct 2022 15:22

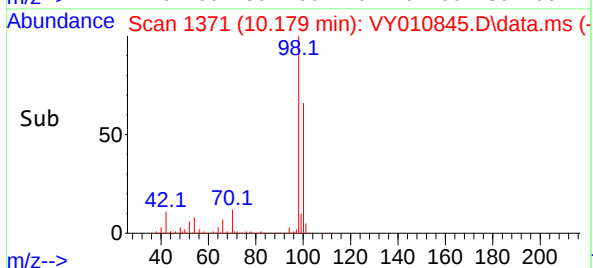
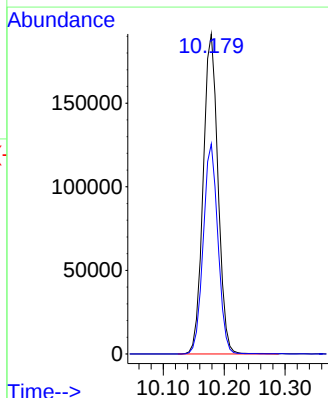
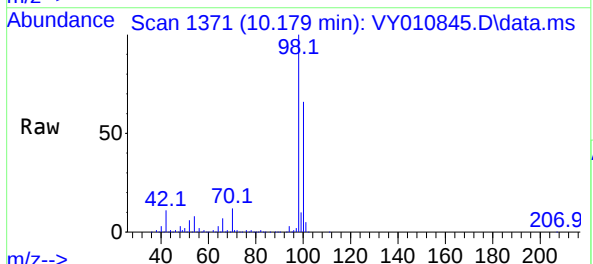
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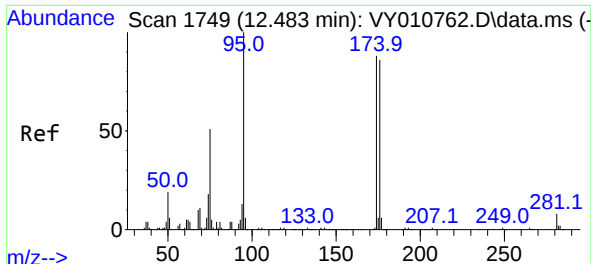
Tgt Ion:	41	Resp:	49
Ion	Ratio	Lower	Upper
41	100		
39	144.9	92.9	139.3#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#50
Toluene-d8
Concen: 45.437 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010845.D
Acq: 06 Oct 2022 15:22

Tgt Ion:	98	Resp:	323540
Ion	Ratio	Lower	Upper
98	100		
100	64.9	50.2	75.2

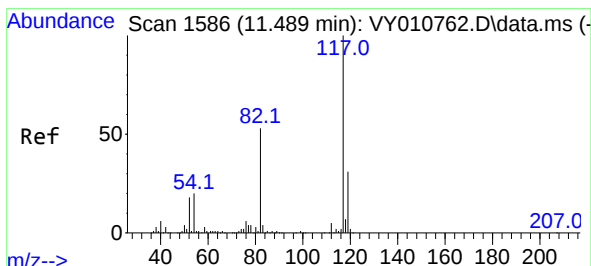
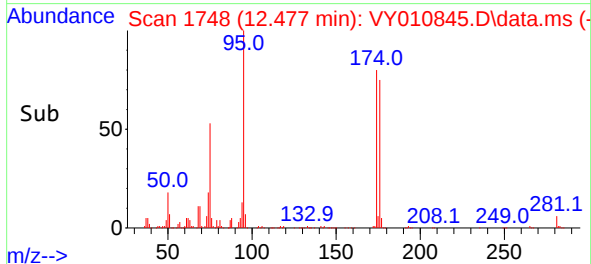
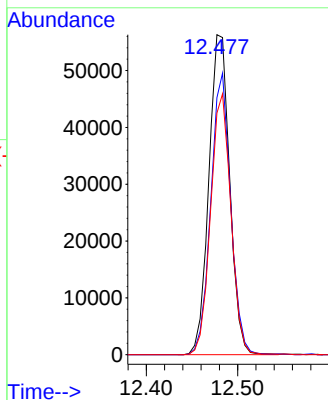
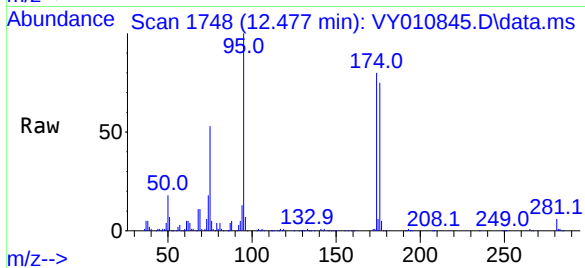




#62
4-Bromofluorobenzene
Concen: 30.525 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY010845.D
Acq: 06 Oct 2022 15:22

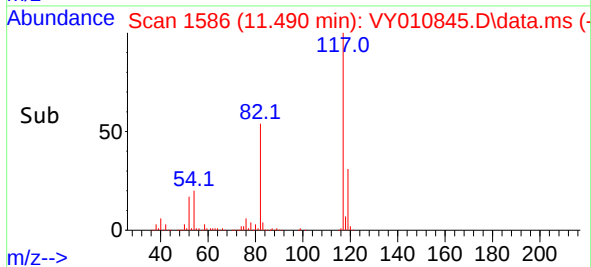
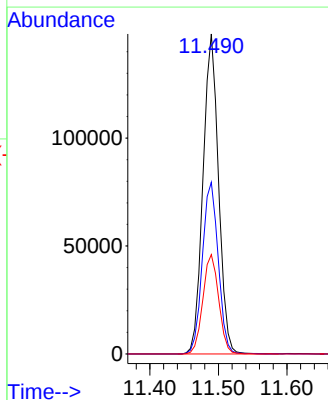
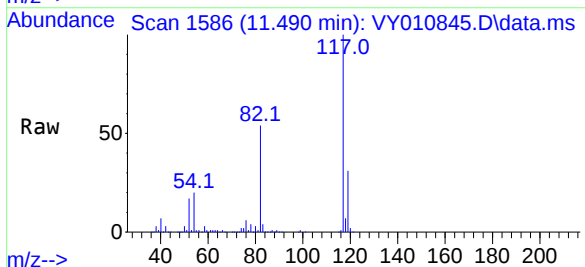
Instrument :
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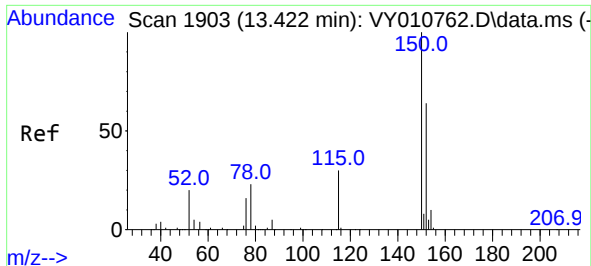
Tgt Ion: 95 Resp: 88904
Ion Ratio Lower Upper
95 100
174 84.2 0.0 177.0
176 79.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY010845.D
Acq: 06 Oct 2022 15:22

Tgt Ion: 117 Resp: 233721
Ion Ratio Lower Upper
117 100
82 53.7 43.0 64.4
119 31.0 25.4 38.0

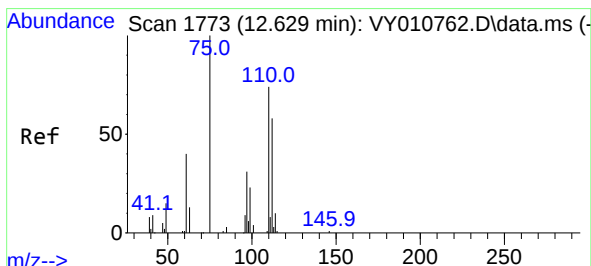
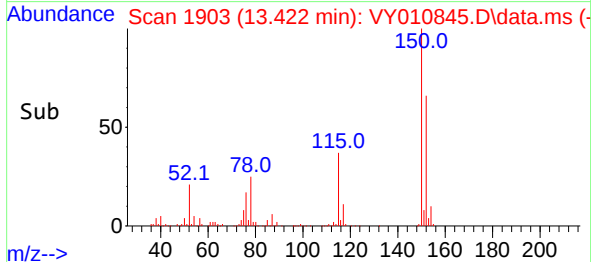
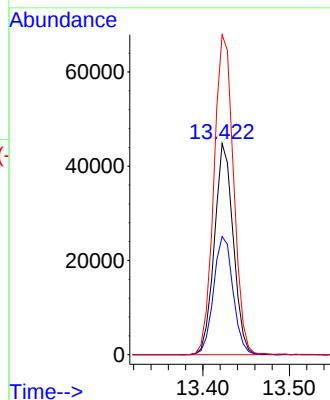
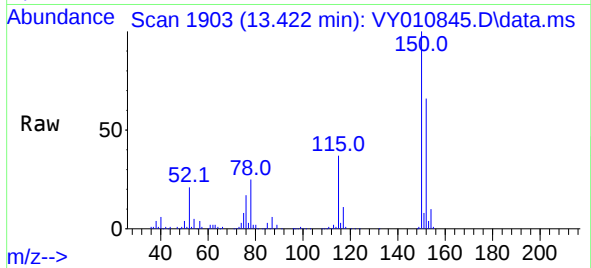




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010845.D
Acq: 06 Oct 2022 15:22

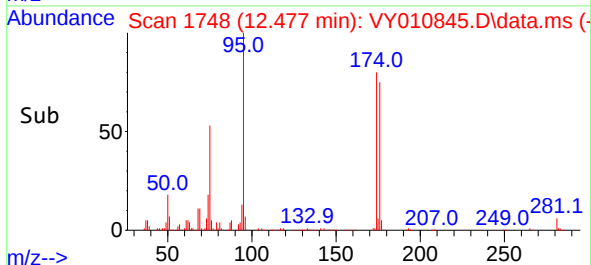
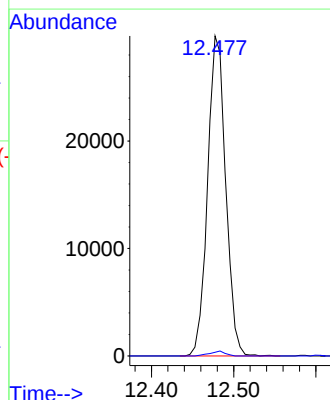
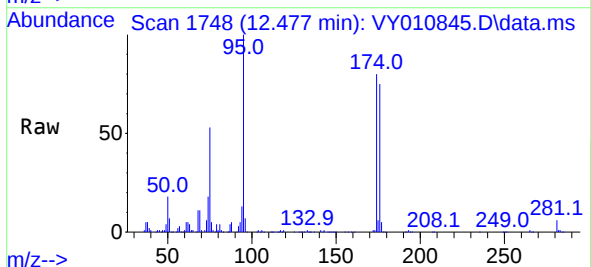
Instrument :
MSVOA_Y
ClientSampleId :
D22012-18

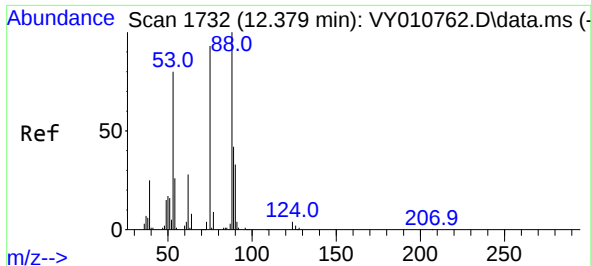
Tgt Ion:152 Resp: 67692
Ion Ratio Lower Upper
152 100
115 57.9 28.2 84.7
150 158.0 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 66.327 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY010845.D
Acq: 06 Oct 2022 15:22

Tgt Ion: 75 Resp: 45468
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 138.552 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY010845.D
 Acq: 06 Oct 2022 15:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 D22012-18

Tgt Ion: 75 Resp: 45468
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 0.1 37.0 55.4#

