

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100622\
 Data File : VY010847.D
 Acq On : 06 Oct 2022 16:07
 Operator : KP/MD
 Sample : N5004-01
 Misc : 6.51g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D22011-8.5RE

Quant Time: Oct 07 02:30:01 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)

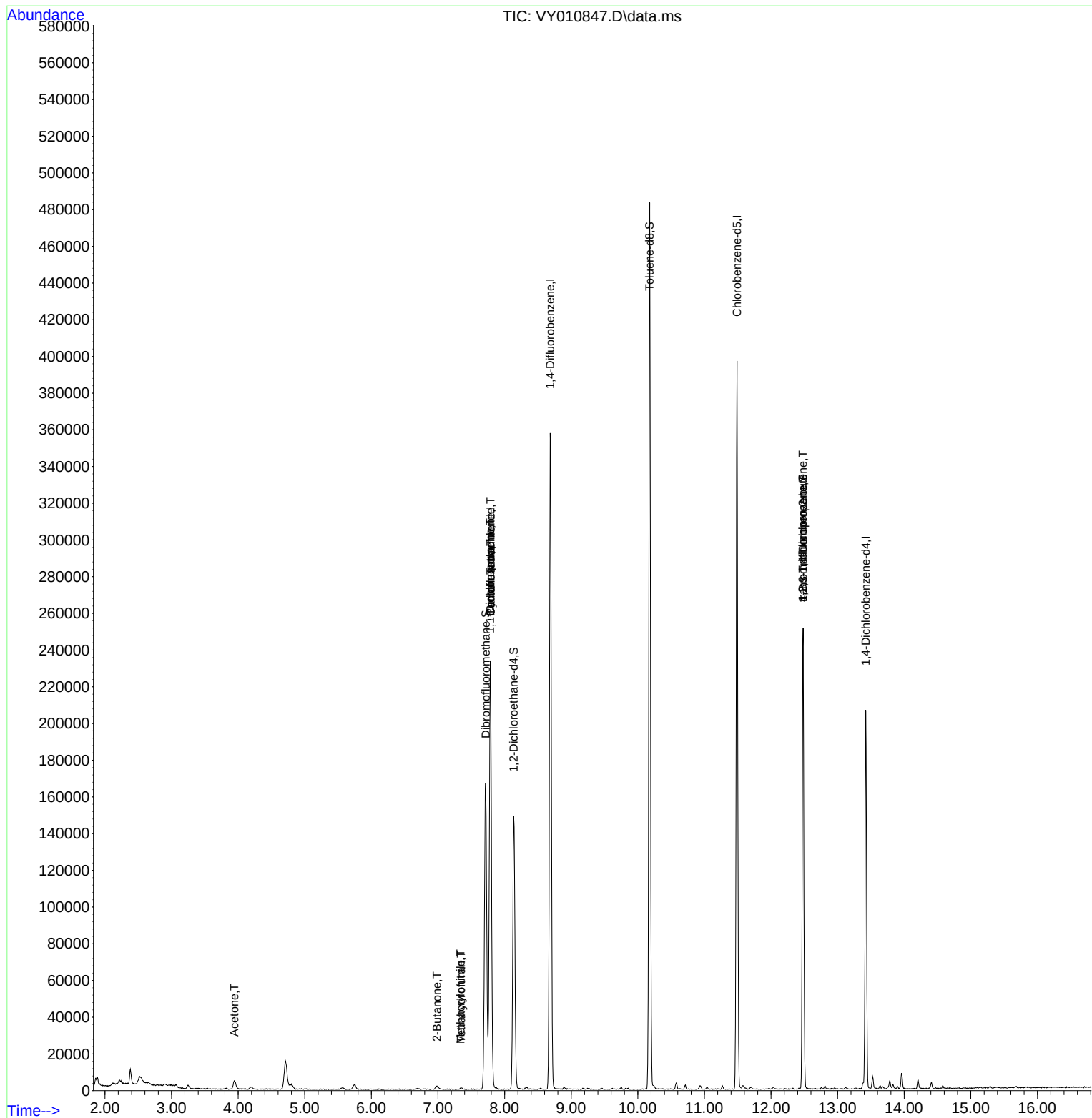
Internal Standards						
1) Pentafluorobenzene	7.789	168	180720	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	307129	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	211123	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	52225	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	116679	63.696	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 127.400%			
35) Dibromofluoromethane	7.716	113	120441	59.076	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 118.160%			
50) Toluene-d8	10.179	98	310201	44.491	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 88.980%			
62) 4-Bromofluorobenzene	12.477	95	72263	24.664	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 49.320%			
Target Compounds						
11) Tert butyl alcohol	4.929	59	324	Below Cal	#	77
16) Acetone	3.942	43	8321	17.886	ug/l	91
25) 2-Butanone	6.984	43	2354	3.519	ug/l #	75
29) Tetrahydrofuran	7.344	42	593	1.508	ug/l #	85
31) Cyclohexane	7.789	56	4006	1.222	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	14237	4.837	ug/l #	50
38) Carbon Tetrachloride	7.789	117	18254	5.955	ug/l #	16
41) Methacrylonitrile	7.338	41	375	3.002	ug/l #	36
76) 1,2,3-Trichloropropane	12.477	75	36400	68.825	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	36400	143.770	ug/l #	7

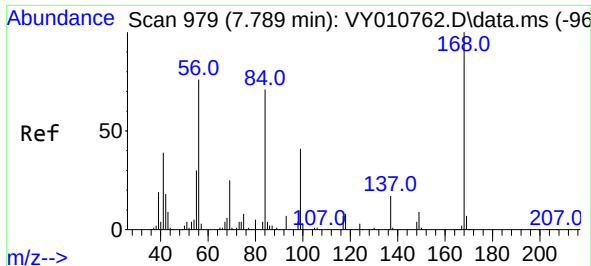
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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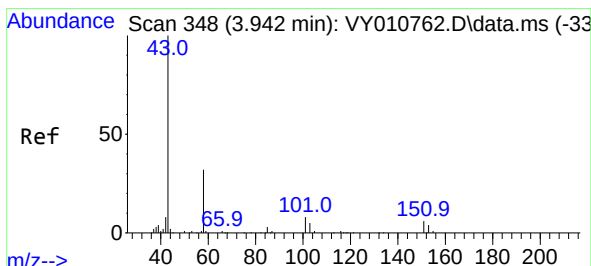
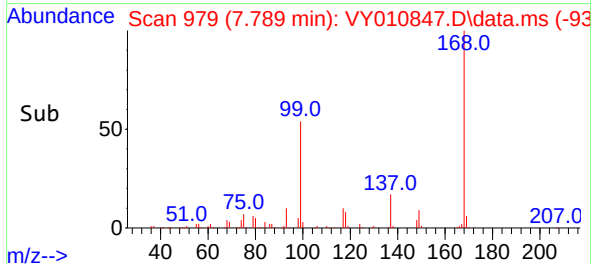
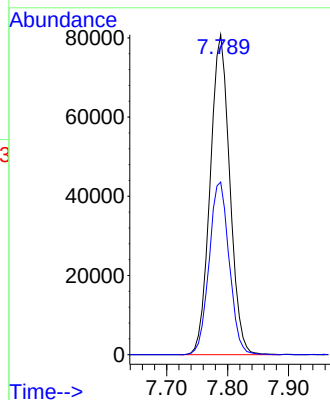
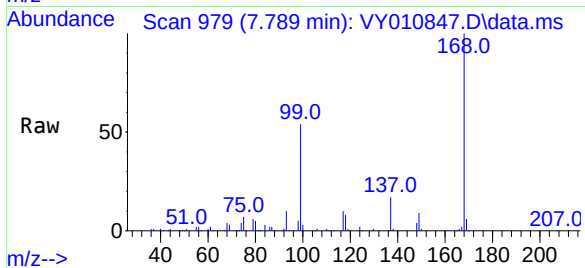




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010847.D
Acq: 06 Oct 2022 16:07

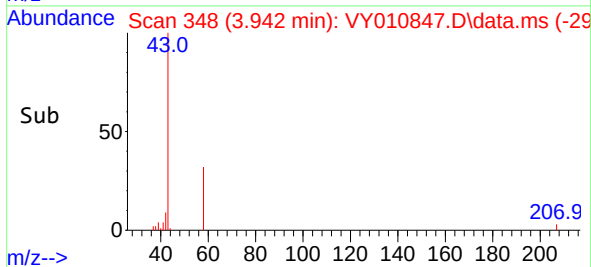
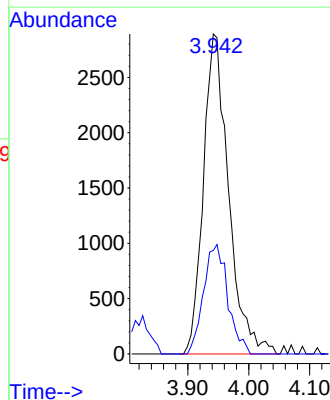
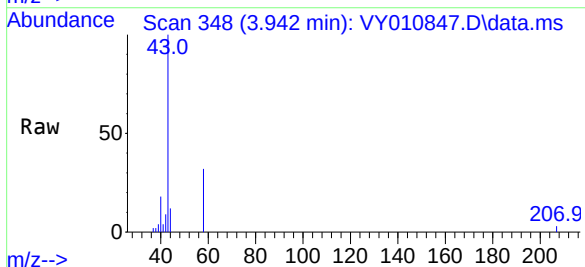
Instrument :
MSVOA_Y
ClientSampleId :
D22011-8.5RE

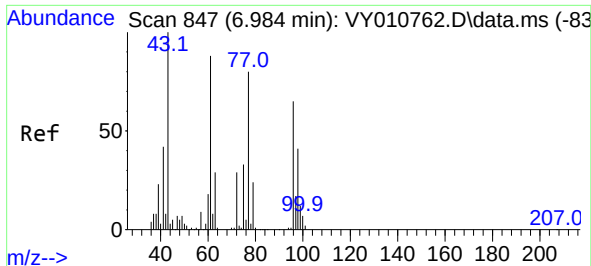
Tgt Ion:168 Resp: 180720
Ion Ratio Lower Upper
168 100
99 54.0 46.9 70.3



#16
Acetone
Concen: 17.886 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY010847.D
Acq: 06 Oct 2022 16:07

Tgt Ion: 43 Resp: 8321
Ion Ratio Lower Upper
43 100
58 32.4 22.0 33.0





#25

2-Butanone

Concen: 3.519 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY010847.D

Acq: 06 Oct 2022 16:07

Instrument :

MSVOA_Y

ClientSampleId :

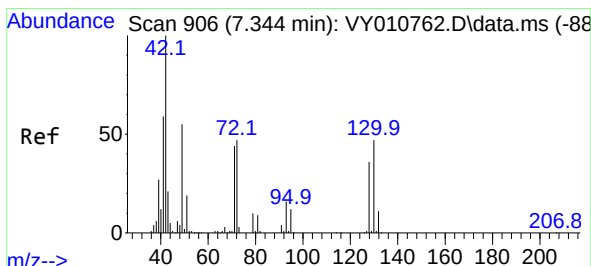
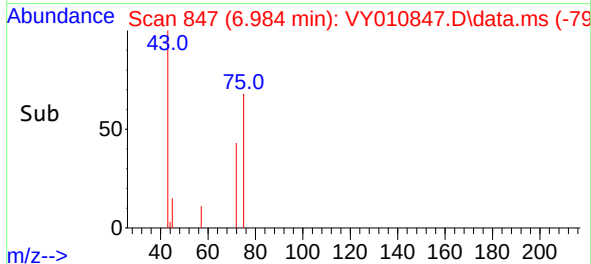
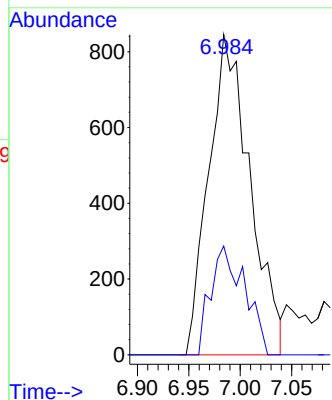
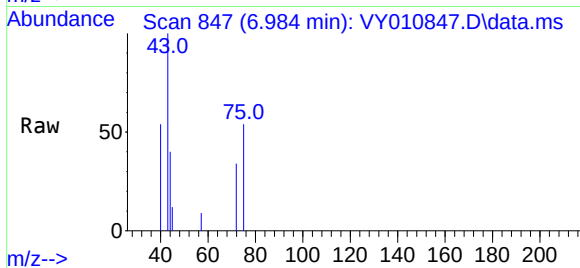
D22011-8.5RE

Tgt Ion: 43 Resp: 2354

Ion Ratio Lower Upper

43 100

72 34.0 17.7 26.5#



#29

Tetrahydrofuran

Concen: 1.508 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY010847.D

Acq: 06 Oct 2022 16:07

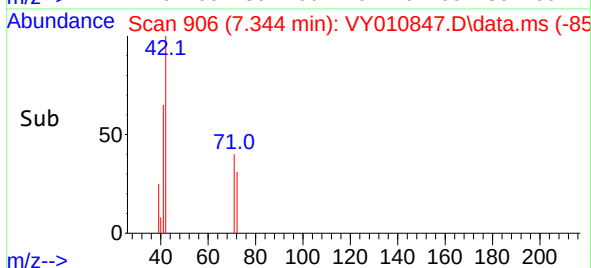
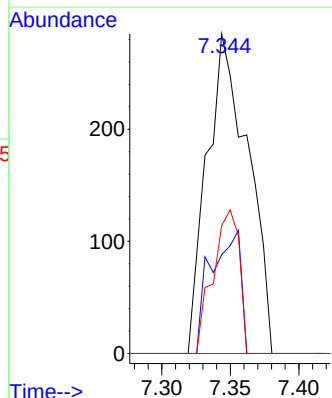
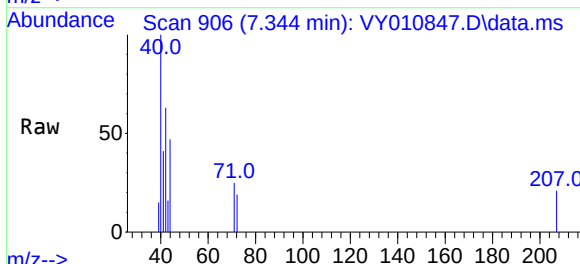
Tgt Ion: 42 Resp: 593

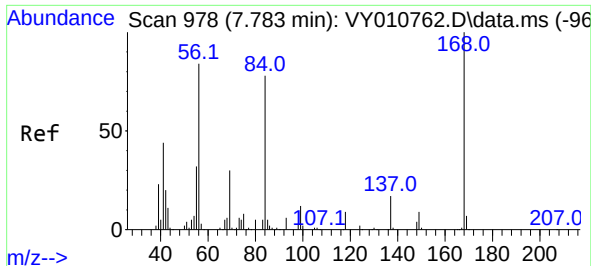
Ion Ratio Lower Upper

42 100

72 27.8 30.3 45.5#

71 28.8 29.0 43.4#

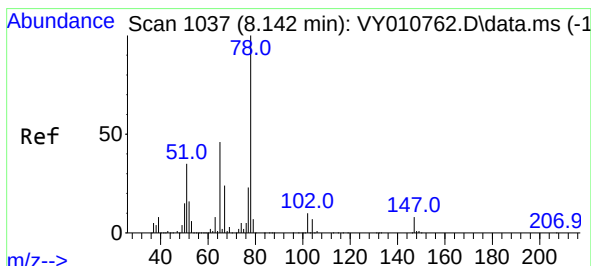
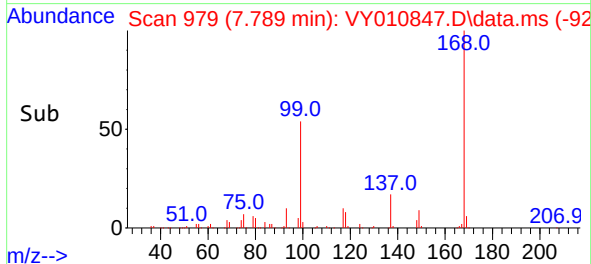
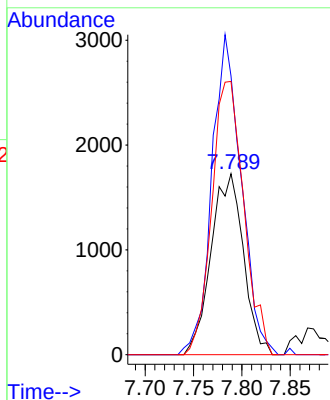
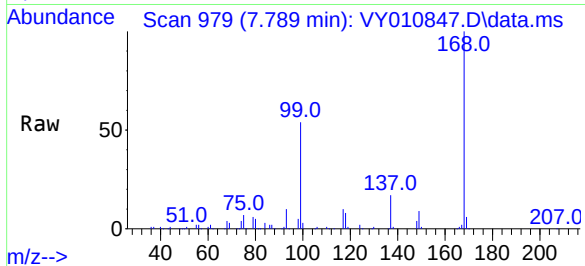




#31
Cyclohexane
Concen: 1.222 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010847.D
Acq: 06 Oct 2022 16:07

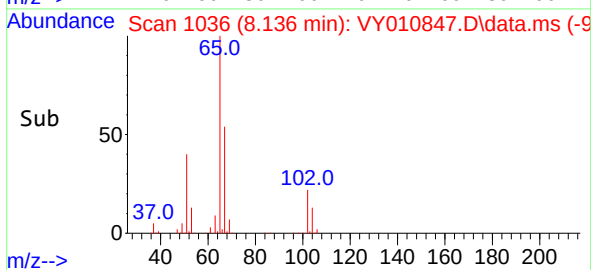
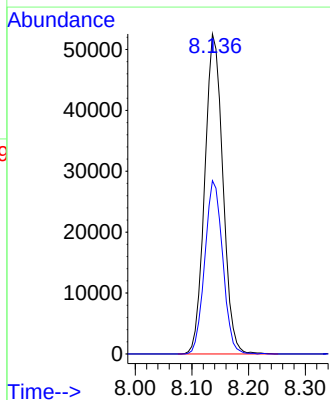
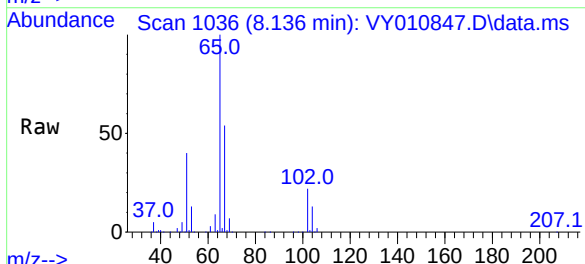
Instrument :
MSVOA_Y
ClientSampleId :
D22011-8.5RE

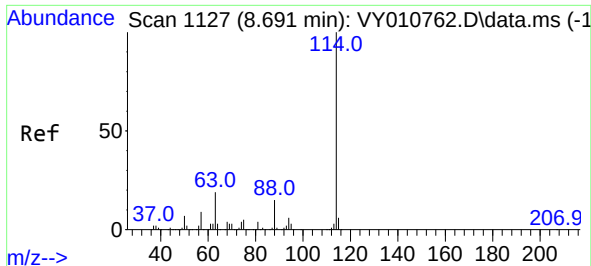
Tgt Ion: 56 Resp: 4006
Ion Ratio Lower Upper
56 100
69 154.1 26.7 40.1#
84 151.0 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 63.696 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY010847.D
Acq: 06 Oct 2022 16:07

Tgt Ion: 65 Resp: 116679
Ion Ratio Lower Upper
65 100
67 53.4 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY010847.D

Acq: 06 Oct 2022 16:07

Instrument :

MSVOA_Y

ClientSampleId :

D22011-8.5RE

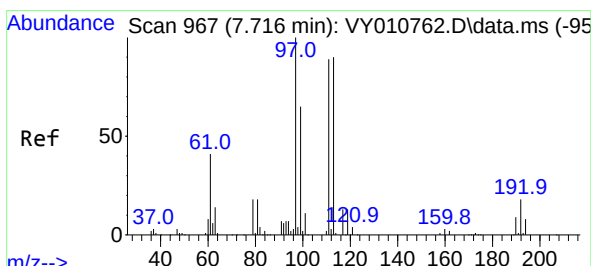
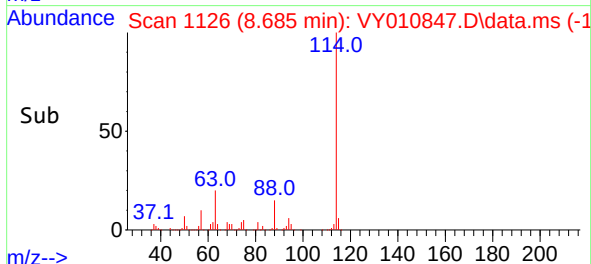
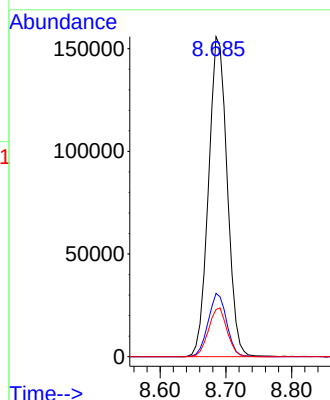
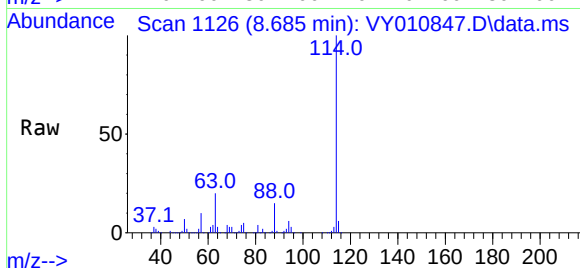
Tgt Ion:114 Resp: 307129

Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.2

88 14.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 59.076 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY010847.D

Acq: 06 Oct 2022 16:07

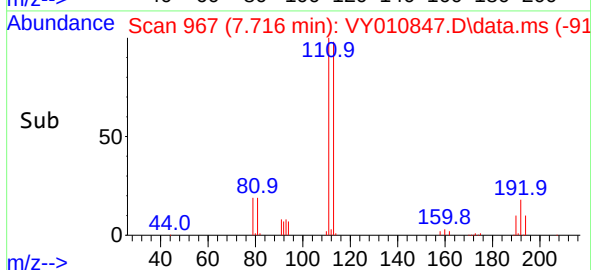
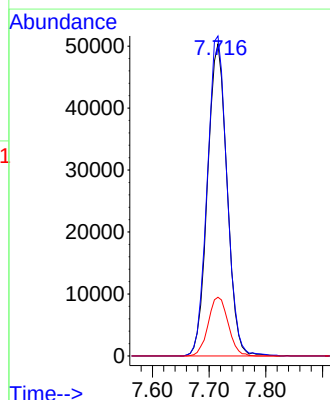
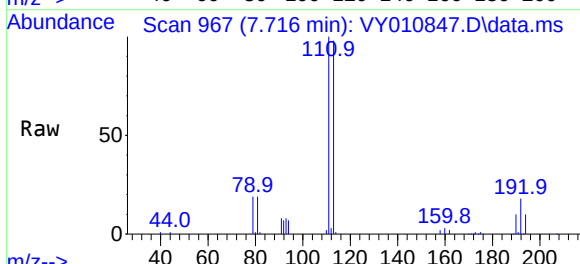
Tgt Ion:113 Resp: 120441

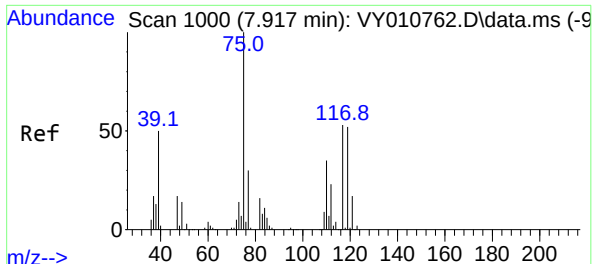
Ion Ratio Lower Upper

113 100

111 103.4 82.6 124.0

192 19.3 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.837 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY010847.D

Acq: 06 Oct 2022 16:07

Instrument :

MSVOA_Y

ClientSampleId :

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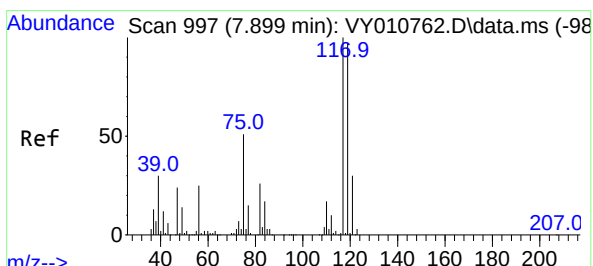
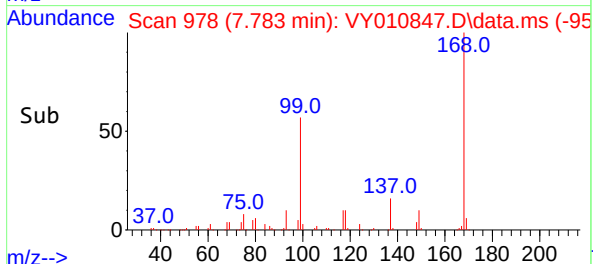
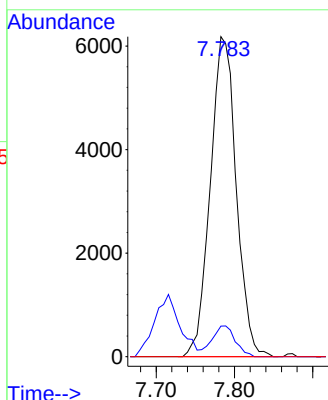
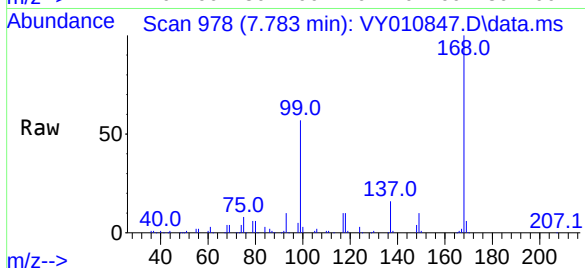
Tgt Ion: 75 Resp: 14237

Ion Ratio Lower Upper

75 100

110 8.5 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.955 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY010847.D

Acq: 06 Oct 2022 16:07

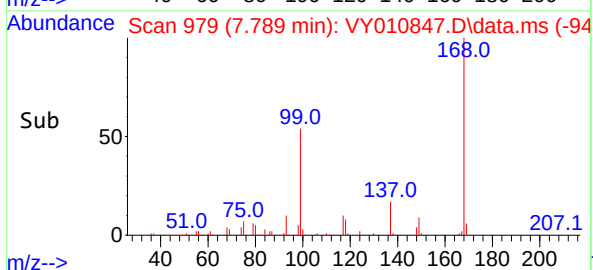
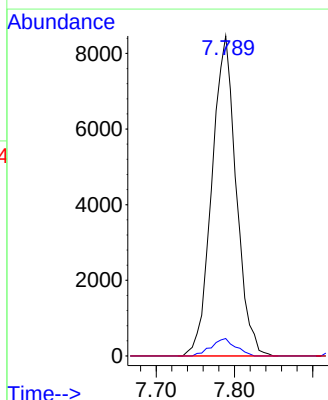
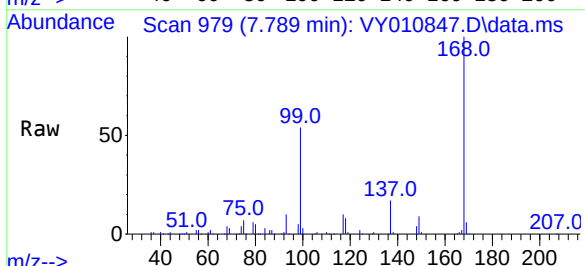
Tgt Ion: 117 Resp: 18254

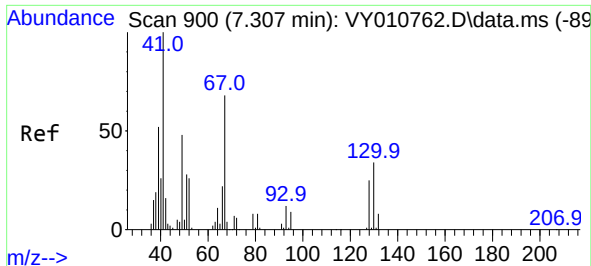
Ion Ratio Lower Upper

117 100

119 5.5 77.9 116.9#

121 0.0 24.8 37.2#

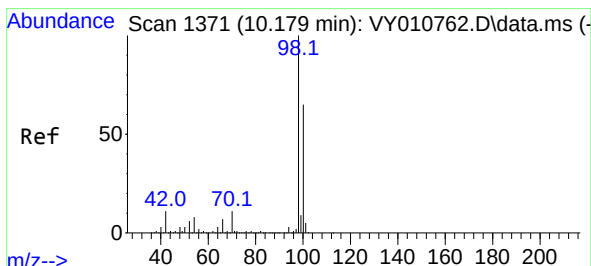
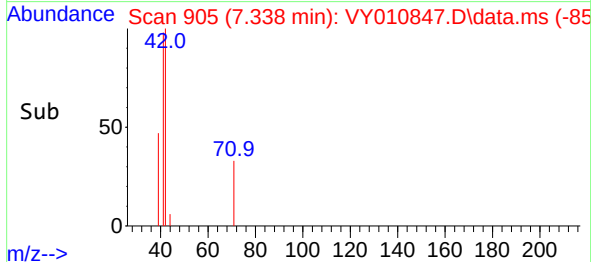
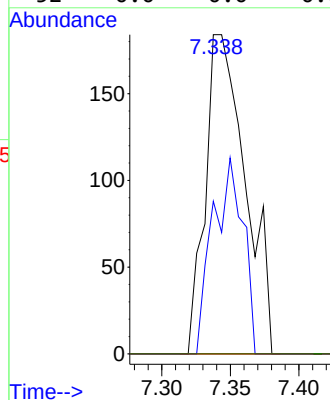
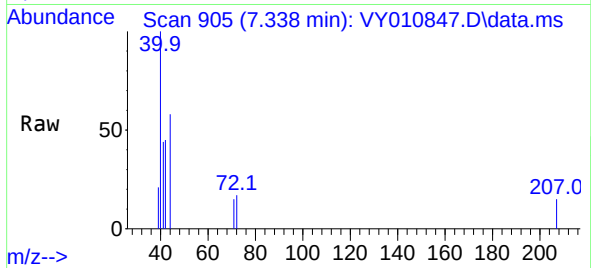




#41
Methacrylonitrile
Concen: 3.002 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.031 min
Lab File: VY010847.D
Acq: 06 Oct 2022 16:07

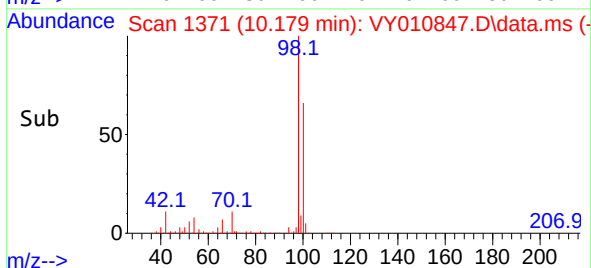
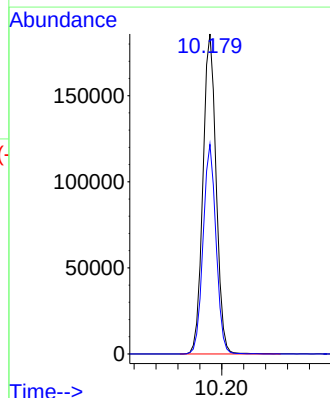
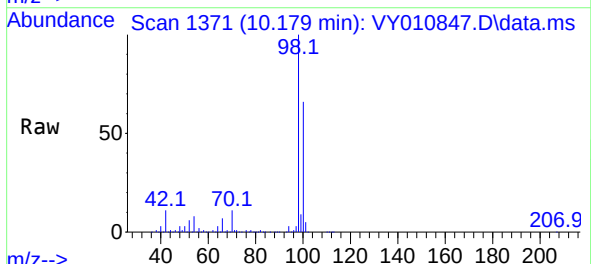
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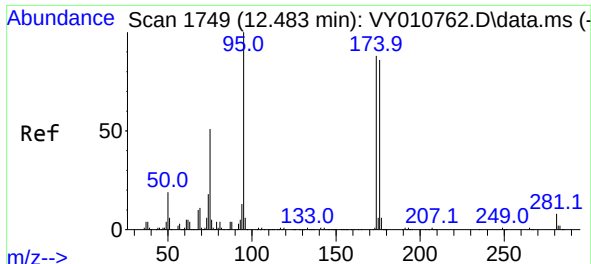
Tgt Ion: 41	Resp:	375	
Ion	Ratio	Lower	Upper
41	100		
39	46.1	92.9	139.3#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#50
Toluene-d8
Concen: 44.491 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY010847.D
Acq: 06 Oct 2022 16:07

Tgt Ion: 98	Resp:	310201	
Ion	Ratio	Lower	Upper
98	100		
100	64.1	50.2	75.2

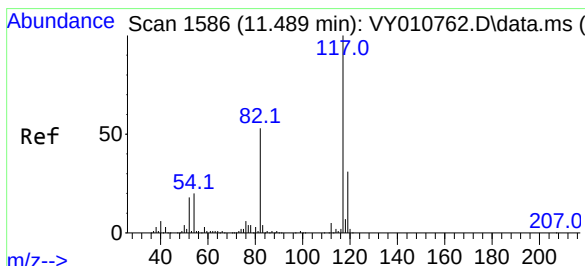
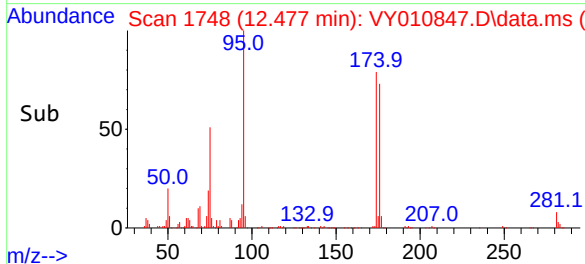
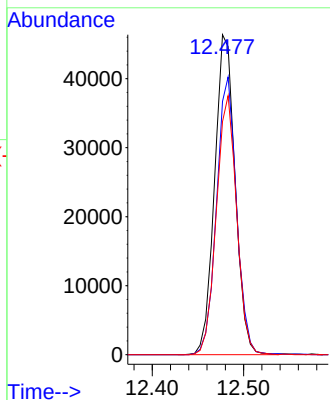
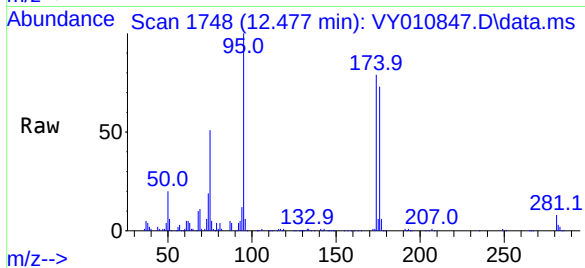




#62
4-Bromofluorobenzene
Concen: 24.664 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY010847.D
Acq: 06 Oct 2022 16:07

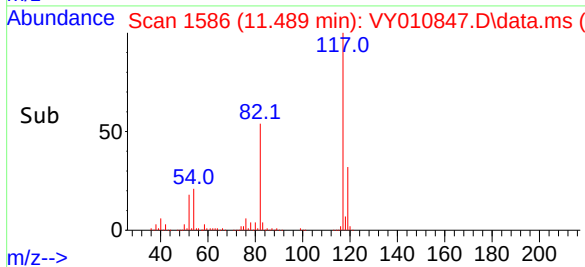
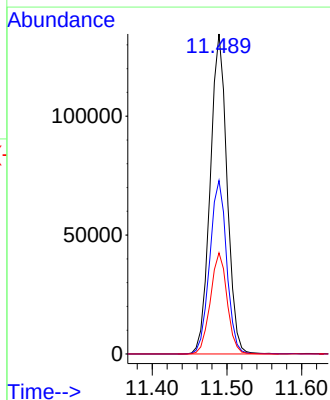
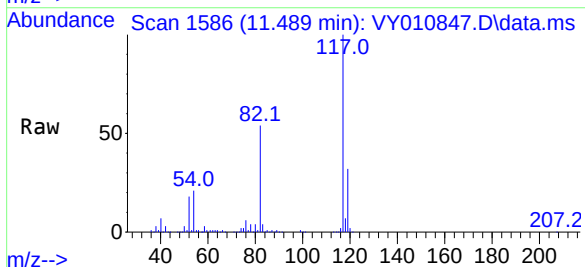
Instrument :
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D22011-8.5RE

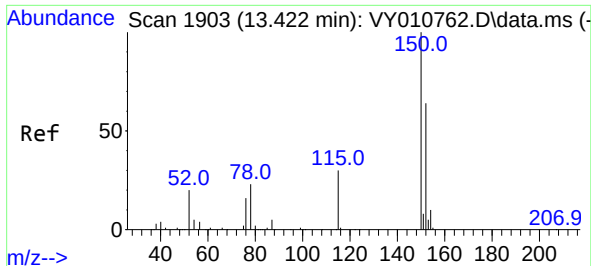
Tgt Ion: 95 Resp: 72263
Ion Ratio Lower Upper
95 100
174 84.8 0.0 177.0
176 80.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY010847.D
Acq: 06 Oct 2022 16:07

Tgt Ion: 117 Resp: 211123
Ion Ratio Lower Upper
117 100
82 54.2 43.0 64.4
119 31.6 25.4 38.0

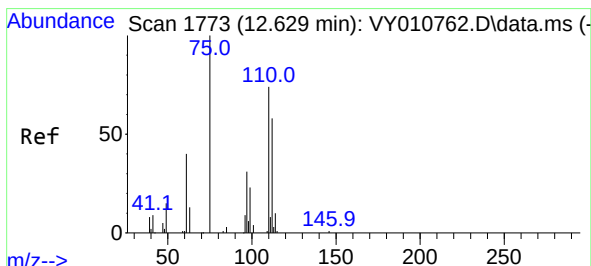
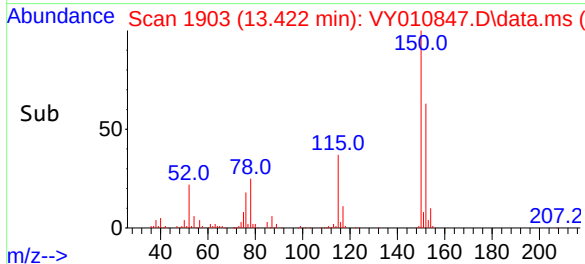
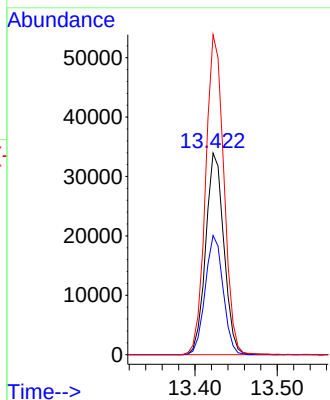
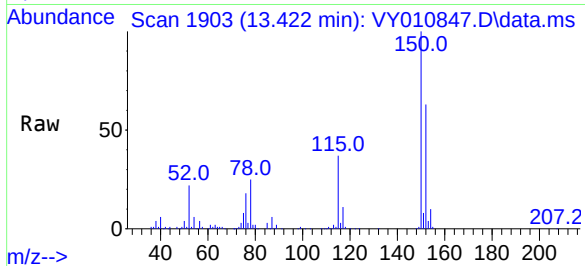




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY010847.D
Acq: 06 Oct 2022 16:07

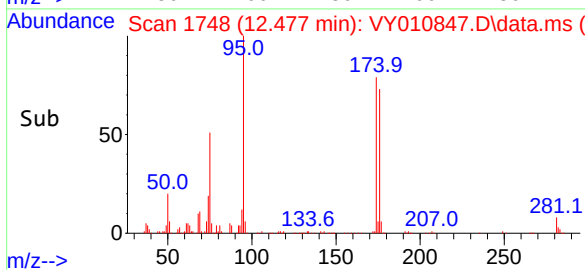
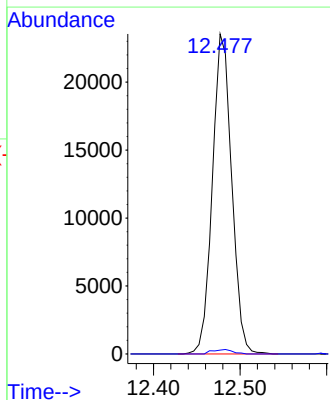
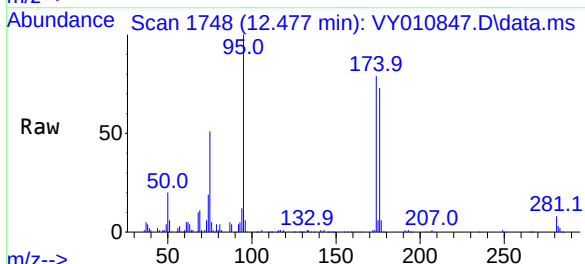
Instrument :
MSVOA_Y
ClientSampleId :
D22011-8.5RE

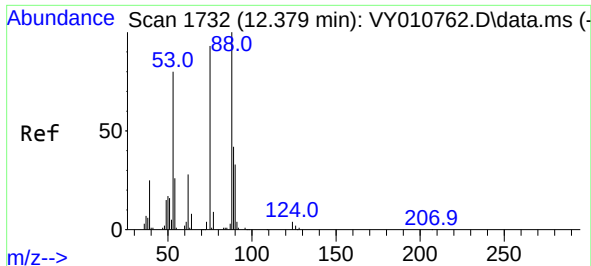
Tgt Ion:152 Resp: 52225
Ion Ratio Lower Upper
152 100
115 58.1 28.2 84.7
150 158.9 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 68.825 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY010847.D
Acq: 06 Oct 2022 16:07

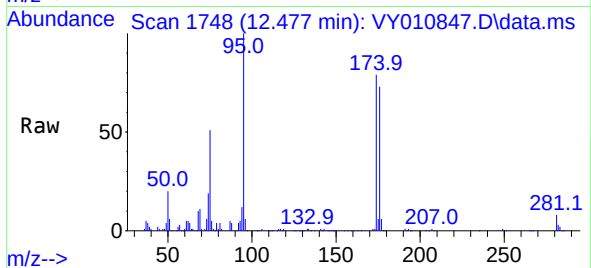
Tgt Ion: 75 Resp: 36400
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 143.770 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY010847.D
 Acq: 06 Oct 2022 16:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 D22011-8.5RE



Tgt Ion: 75 Resp: 36400
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.2 37.0 55.4#

