

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100722\
 Data File : VY010877.D
 Acq On : 07 Oct 2022 17:13
 Operator : KP/MD
 Sample : N5046-07
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 R-7

Quant Time: Oct 08 04:48:03 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)

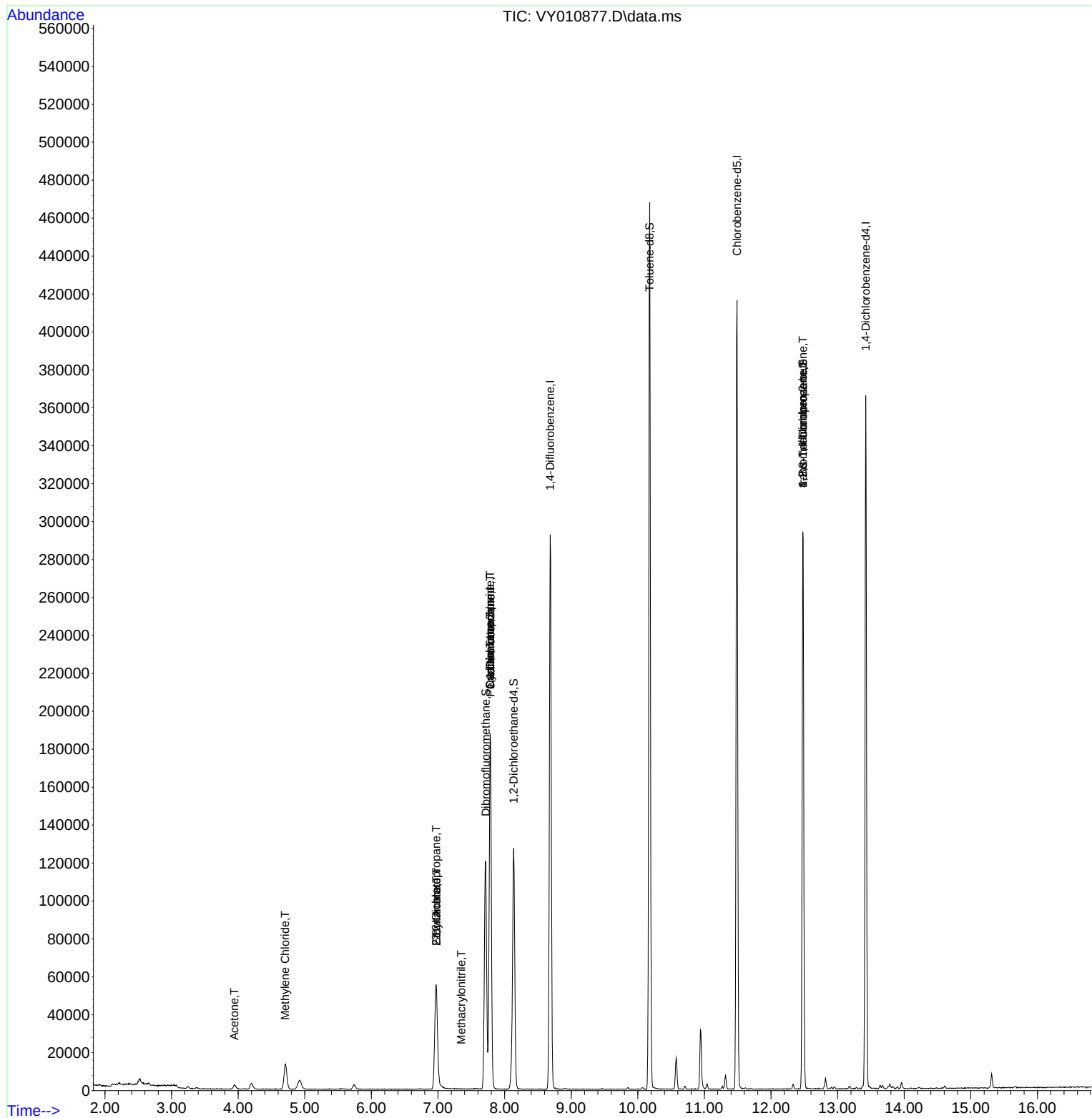
Internal Standards						
1) Pentafluorobenzene	7.789	168	144235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	252800	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	229343	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	92513	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	93595	64.018	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.040%	
35) Dibromofluoromethane	7.716	113	87204	51.966	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.940%	
50) Toluene-d8	10.179	98	308036	53.675	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.340%	
62) 4-Bromofluorobenzene	12.477	95	90349	39.526	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 79.060%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.917	59	5547	Below Cal	#	77
16) Acetone	3.942	43	4099	11.039	ug/l #	81
20) Methylene Chloride	4.704	84	10147	1.135	ug/l #	82
25) 2-Butanone	6.978	43	3468	6.496	ug/l #	87
26) 2,2-Dichloropropane	6.972	77	4327	1.672	ug/l #	55
31) Cyclohexane	7.783	56	3031	1.158	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	11818	4.878	ug/l #	51
37) Ethyl Acetate	6.978	43	3468	2.917	ug/l #	1
38) Carbon Tetrachloride	7.783	117	14640	5.802	ug/l #	16
41) Methacrylonitrile	7.350	41	22	2.611	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	46875	50.034	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	46875	104.516	ug/l #	7

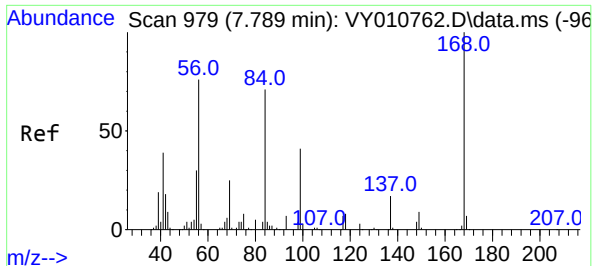
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Oct 04 07:26:22 2022
Response via : Initial Calibration

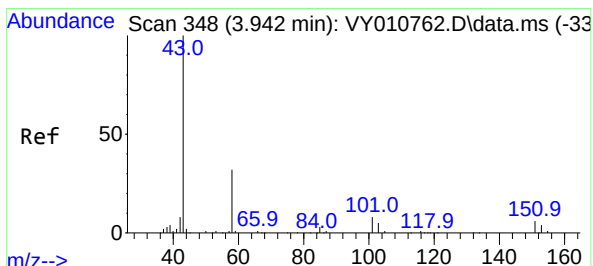
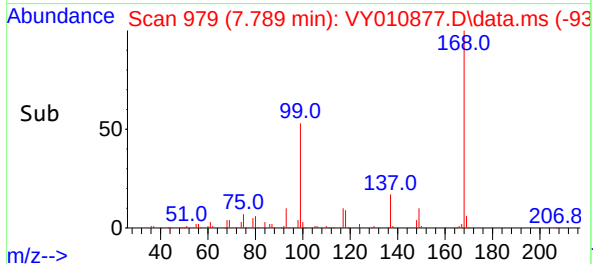
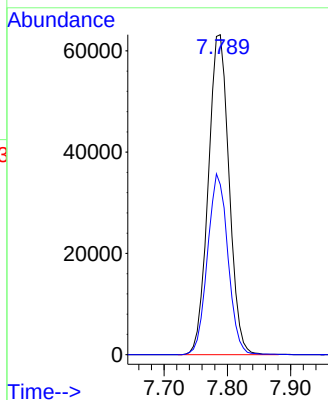
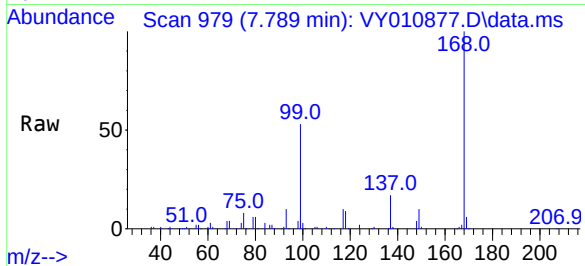




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010877.D
Acq: 07 Oct 2022 17:13

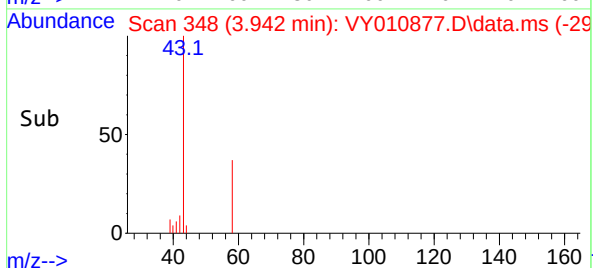
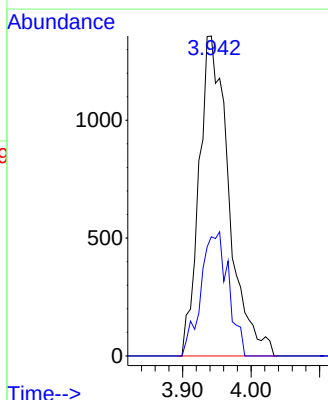
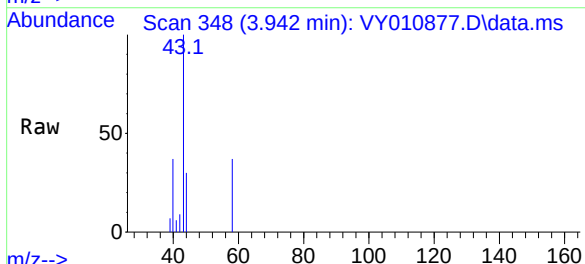
Instrument :
MSVOA_Y
ClientSampleId :
R-7

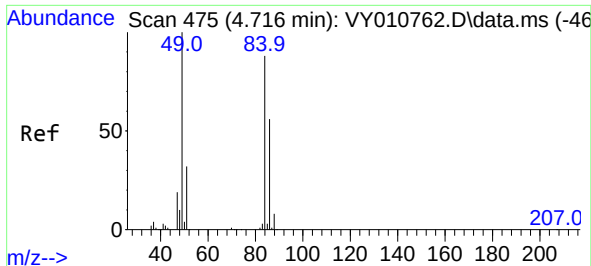
Tgt Ion:168 Resp: 144235
Ion Ratio Lower Upper
168 100
99 53.1 46.9 70.3



#16
Acetone
Concen: 11.039 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY010877.D
Acq: 07 Oct 2022 17:13

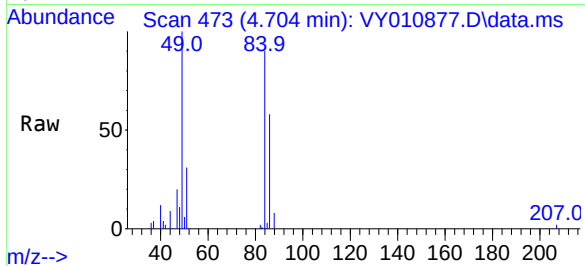
Tgt Ion: 43 Resp: 4099
Ion Ratio Lower Upper
43 100
58 37.3 22.0 33.0#



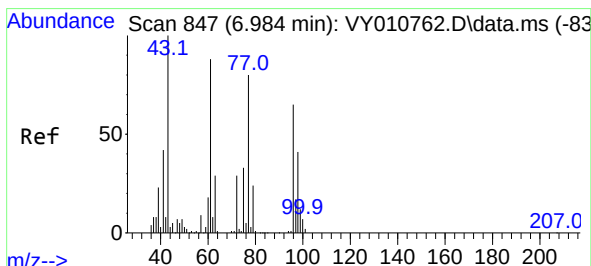
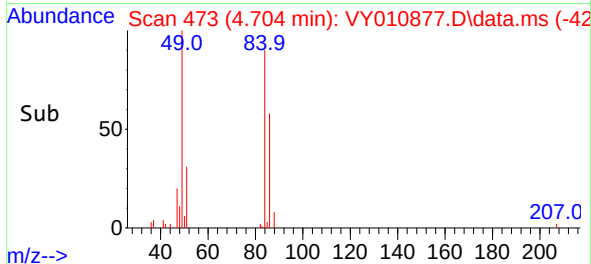
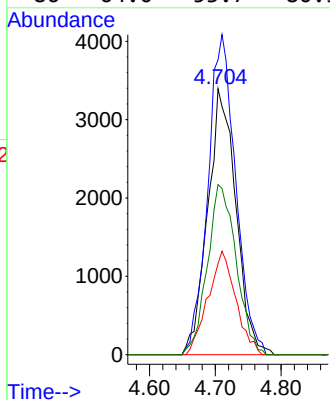


#20
Methylene Chloride
Concen: 1.135 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY010877.D
Acq: 07 Oct 2022 17:13

Instrument :
MSVOA_Y
ClientSampleId :
R-7

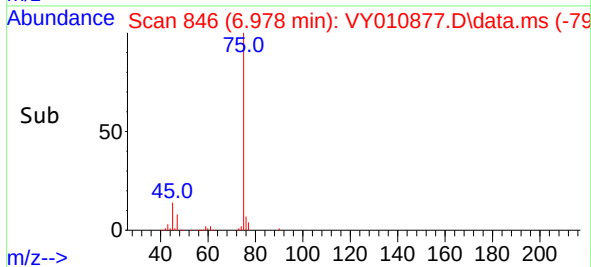
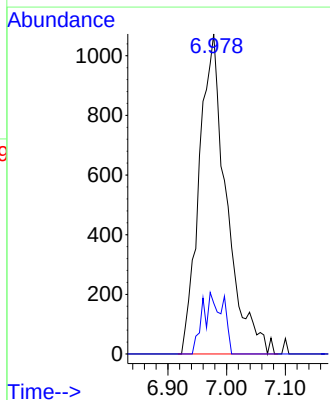
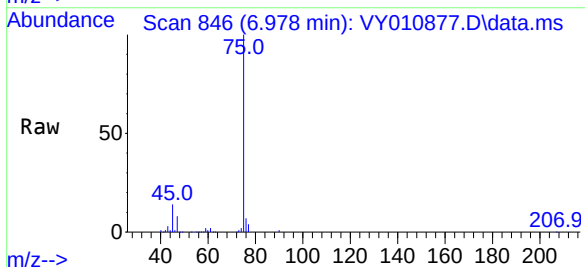


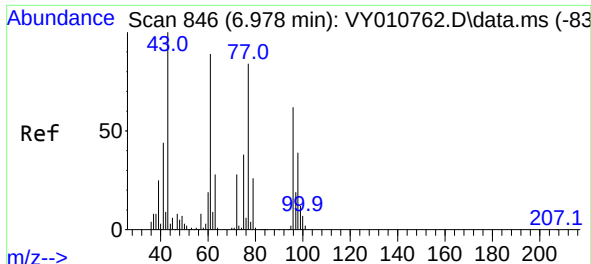
Tgt Ion: 84 Resp: 10147
Ion Ratio Lower Upper
84 100
49 110.9 114.4 171.6#
51 34.2 35.3 52.9#
86 64.0 53.7 80.5



#25
2-Butanone
Concen: 6.496 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY010877.D
Acq: 07 Oct 2022 17:13

Tgt Ion: 43 Resp: 3468
Ion Ratio Lower Upper
43 100
72 15.9 17.7 26.5#





#26

2,2-Dichloropropane

Concen: 1.672 ug/l

RT: 6.972 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY010877.D

Acq: 07 Oct 2022 17:13

Instrument :

MSVOA_Y

ClientSampleId :

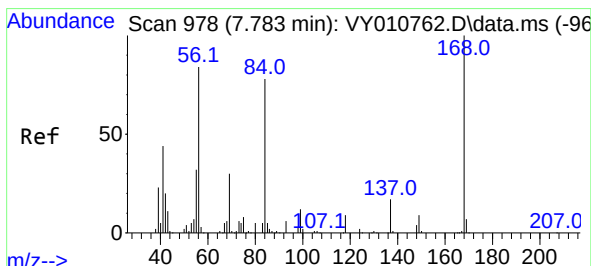
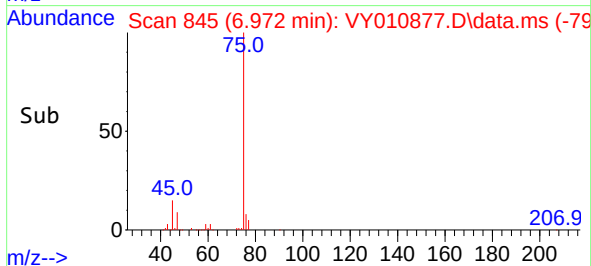
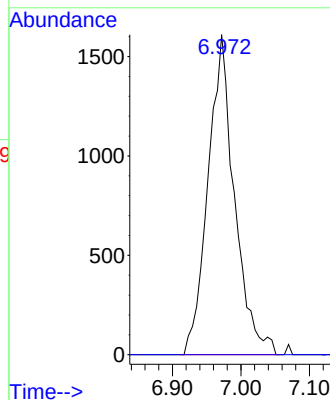
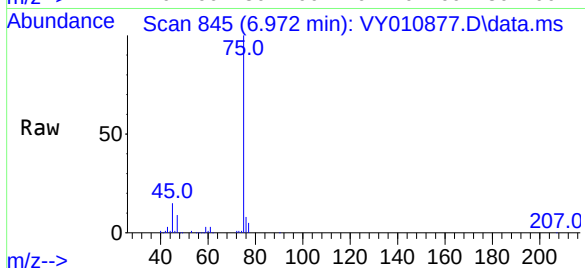
R-7

Tgt Ion: 77 Resp: 4327

Ion Ratio Lower Upper

77 100

97 0.0 10.4 31.4#



#31

Cyclohexane

Concen: 1.158 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY010877.D

Acq: 07 Oct 2022 17:13

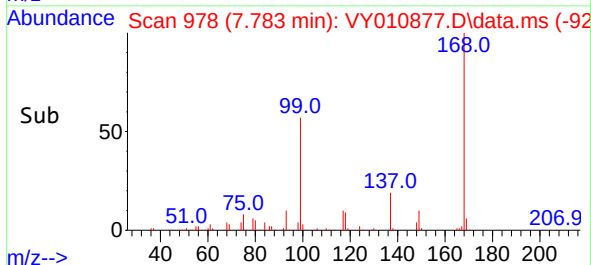
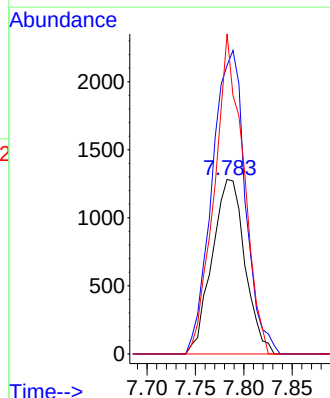
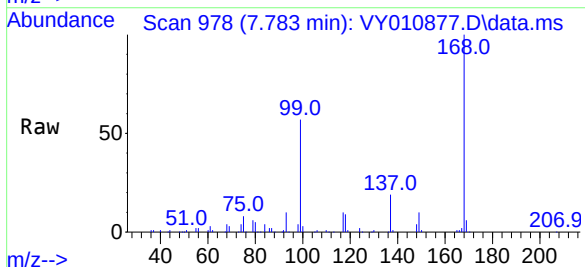
Tgt Ion: 56 Resp: 3031

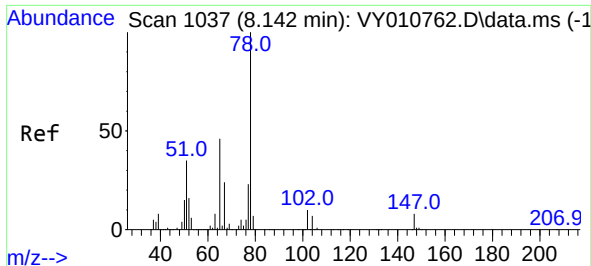
Ion Ratio Lower Upper

56 100

69 165.4 26.7 40.1#

84 183.4 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 64.018 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY010877.D

Acq: 07 Oct 2022 17:13

Instrument :

MSVOA_Y

ClientSampleId :

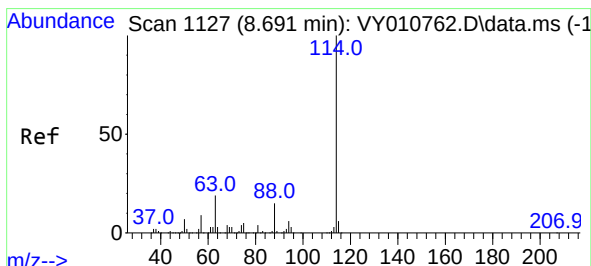
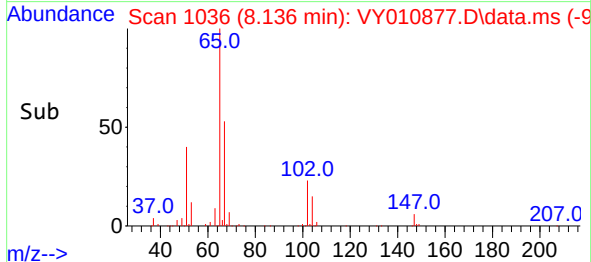
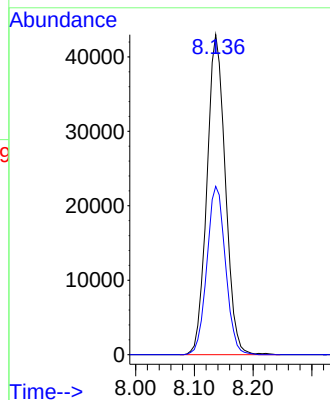
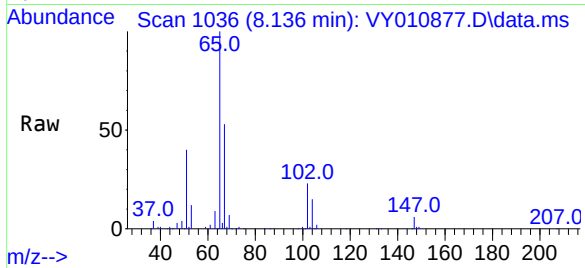
R-7

Tgt Ion: 65 Resp: 93595

Ion Ratio Lower Upper

65 100

67 52.9 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY010877.D

Acq: 07 Oct 2022 17:13

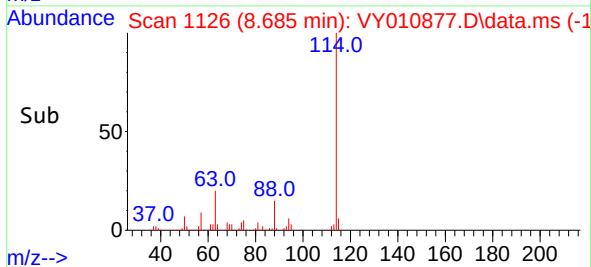
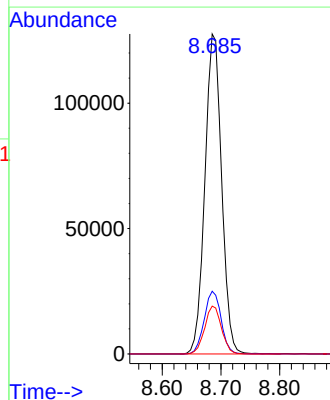
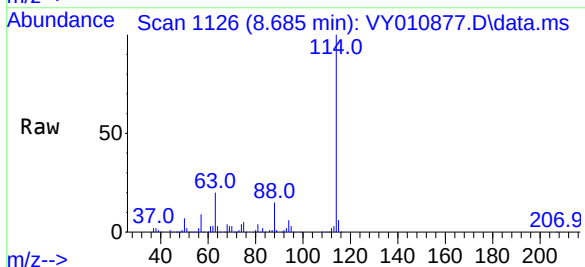
Tgt Ion: 114 Resp: 252800

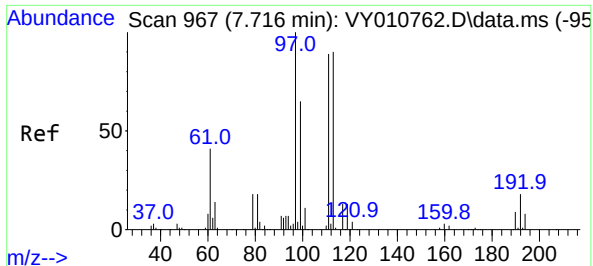
Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.2

88 15.0 0.0 31.8

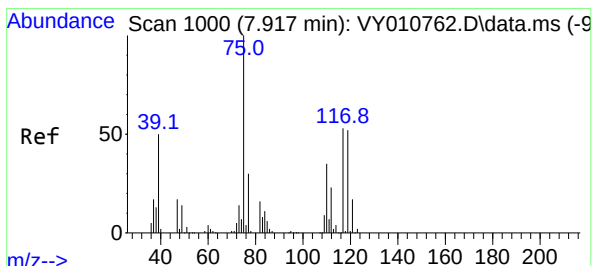
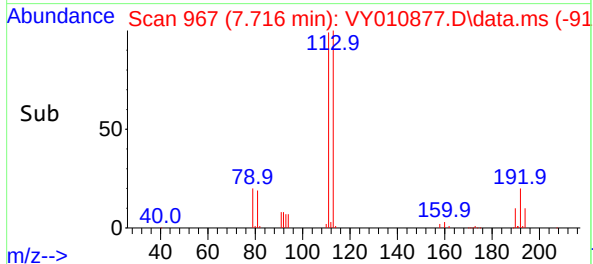
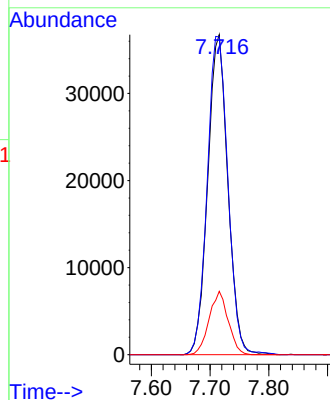
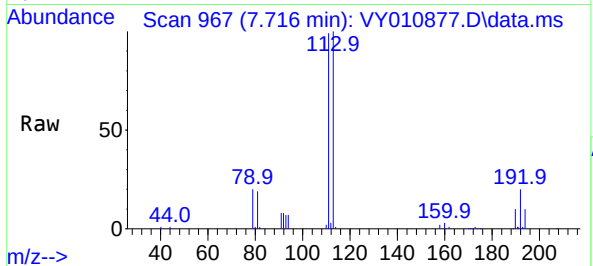




#35
Dibromofluoromethane
Concen: 51.966 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010877.D
Acq: 07 Oct 2022 17:13

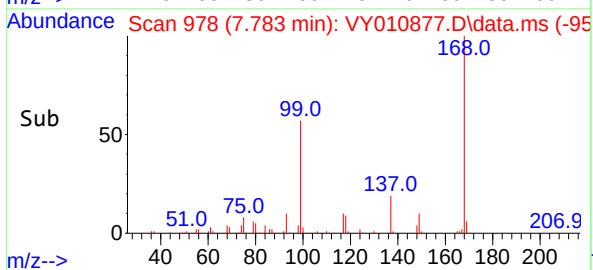
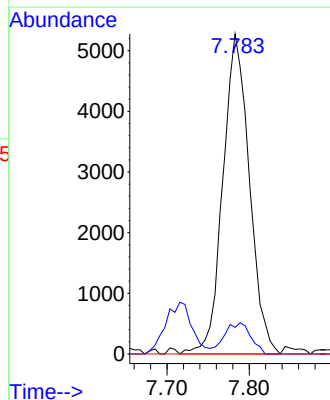
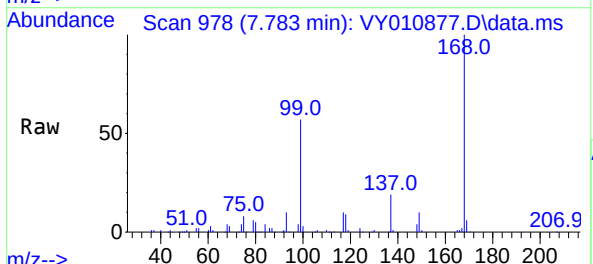
Instrument :
MSVOA_Y
ClientSampleId :
R-7

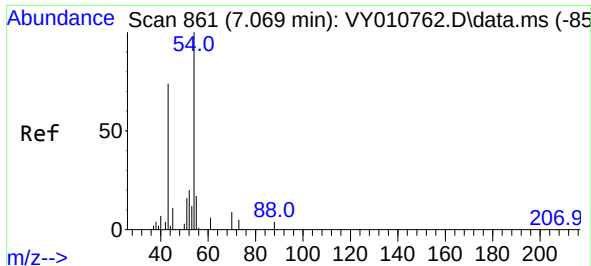
Tgt Ion:113 Resp: 87204
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 18.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.878 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY010877.D
Acq: 07 Oct 2022 17:13

Tgt Ion: 75 Resp: 11818
Ion Ratio Lower Upper
75 100
110 9.7 17.1 51.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 2.917 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.091 min

Lab File: VY010877.D

Acq: 07 Oct 2022 17:13

Instrument :

MSVOA_Y

ClientSampleId :

R-7

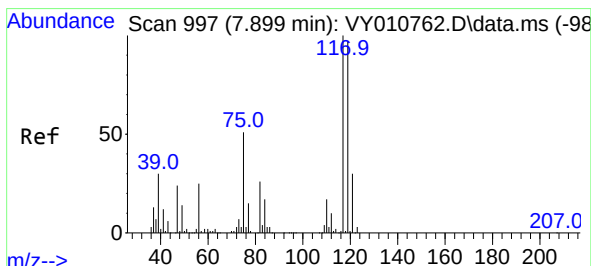
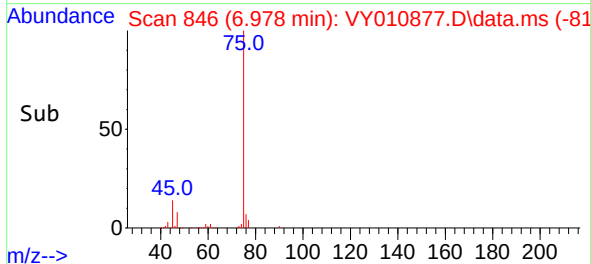
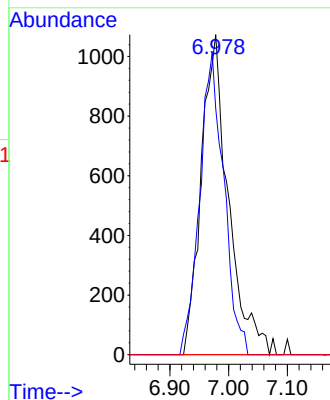
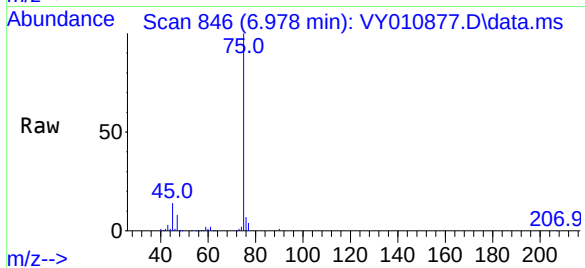
Tgt Ion: 43 Resp: 3468

Ion Ratio Lower Upper

43 100

61 83.4 9.7 14.5#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.802 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY010877.D

Acq: 07 Oct 2022 17:13

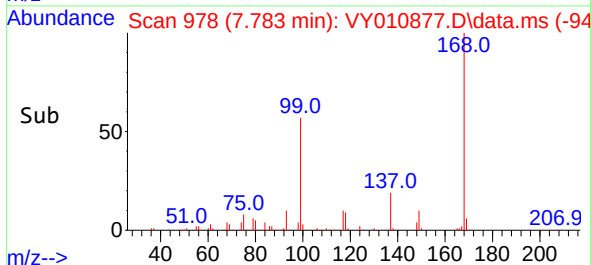
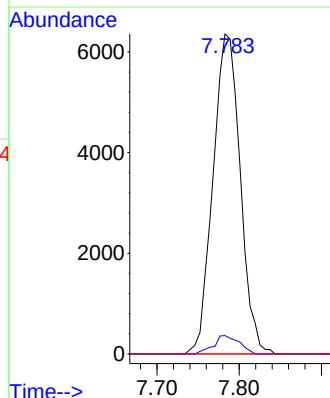
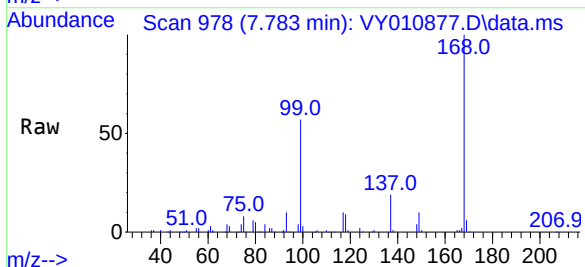
Tgt Ion: 117 Resp: 14640

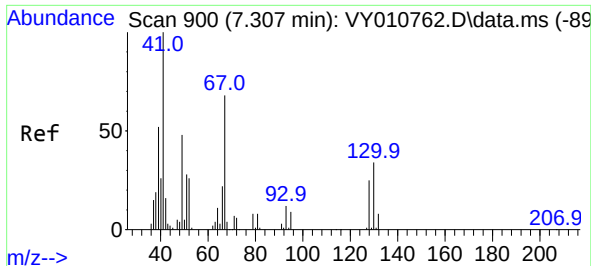
Ion Ratio Lower Upper

117 100

119 5.8 77.9 116.9#

121 0.0 24.8 37.2#

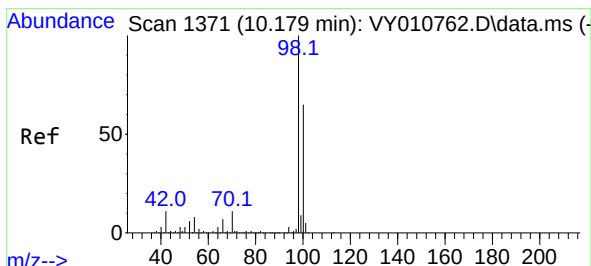
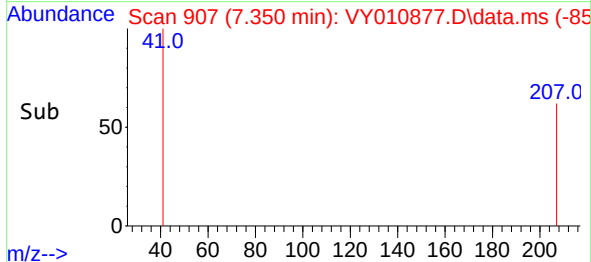
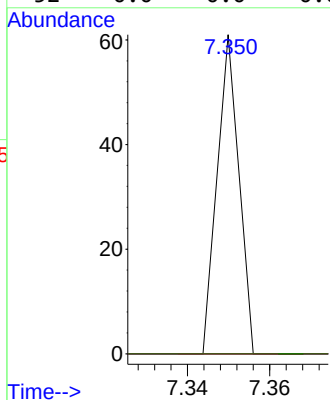
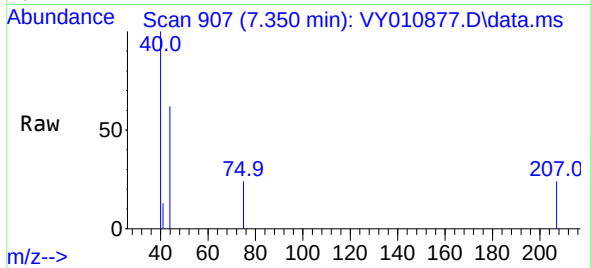




#41
Methacrylonitrile
Concen: 2.611 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.043 min
Lab File: VY010877.D
Acq: 07 Oct 2022 17:13

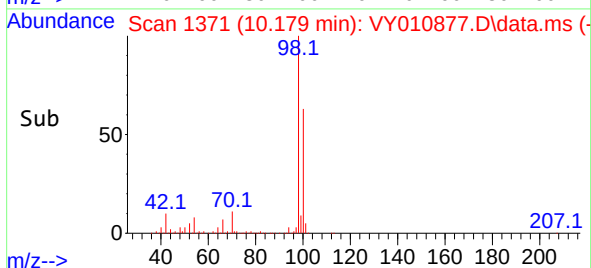
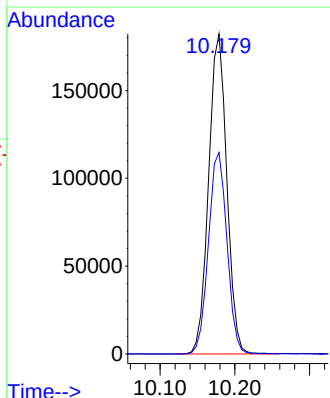
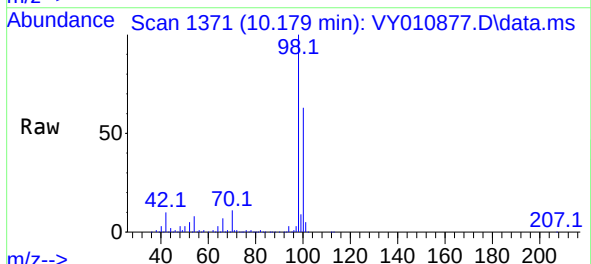
Instrument :
MSVOA_Y
ClientSampleId :
R-7

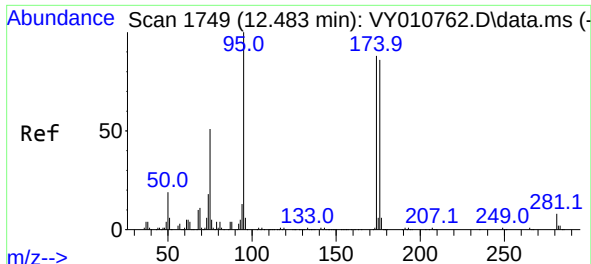
Tgt Ion:	41	Resp:	22
Ion	Ratio	Lower	Upper
41	100		
39	0.0	92.9	139.3#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#50
Toluene-d8
Concen: 53.675 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010877.D
Acq: 07 Oct 2022 17:13

Tgt Ion:	98	Resp:	308036
Ion	Ratio	Lower	Upper
98	100		
100	64.3	50.2	75.2

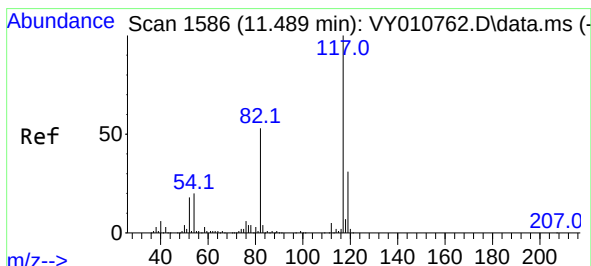
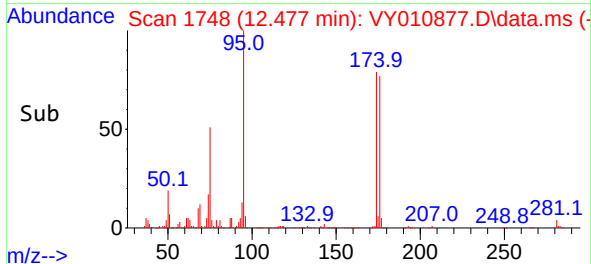
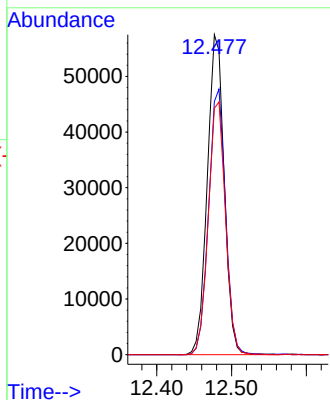
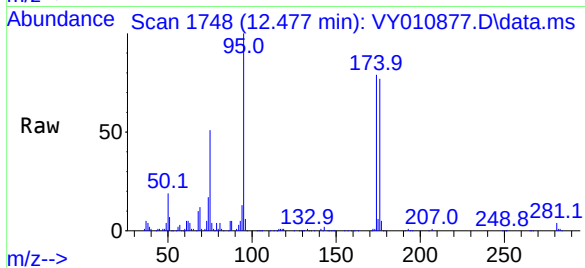




#62
4-Bromofluorobenzene
Concen: 39.526 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY010877.D
Acq: 07 Oct 2022 17:13

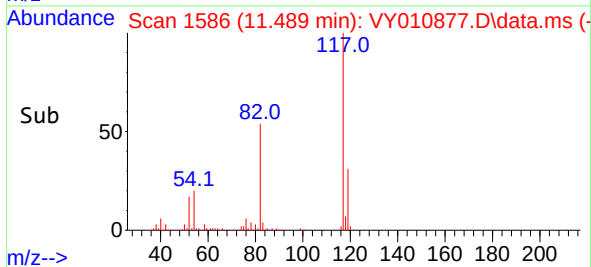
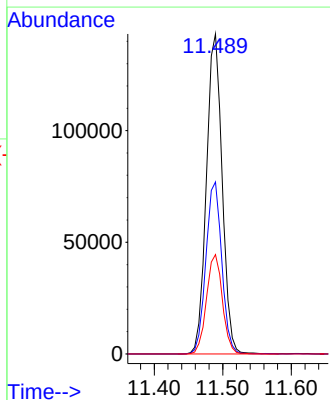
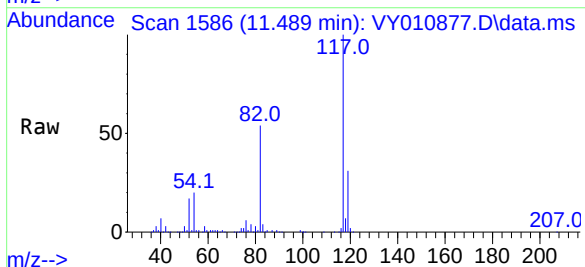
Instrument :
MSVOA_Y
ClientSampleId :
R-7

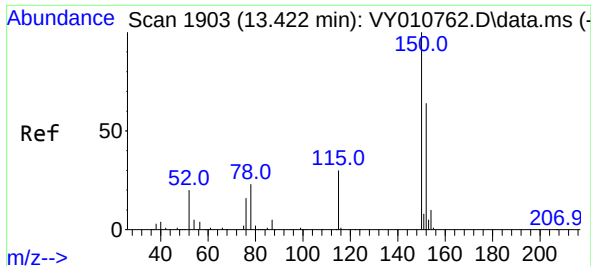
Tgt Ion:	95	Resp:	90349
Ion	Ratio	Lower	Upper
95	100		
174	83.2	0.0	177.0
176	80.0	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY010877.D
Acq: 07 Oct 2022 17:13

Tgt Ion:	117	Resp:	229343
Ion	Ratio	Lower	Upper
117	100		
82	53.8	43.0	64.4
119	31.1	25.4	38.0

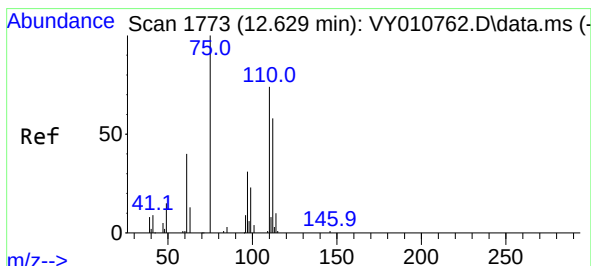
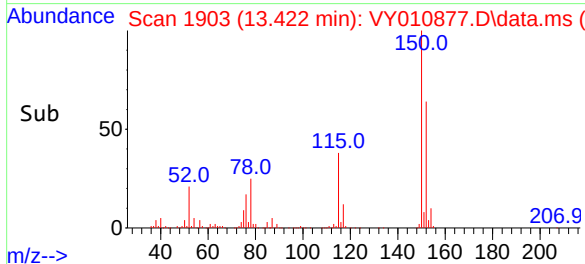
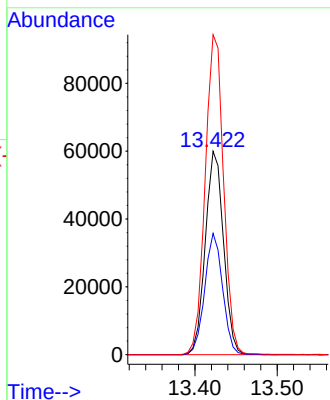
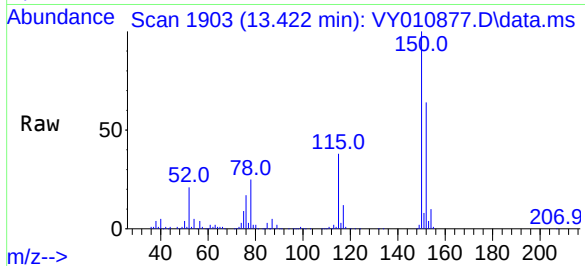




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: VY010877.D
 Acq: 07 Oct 2022 17:13

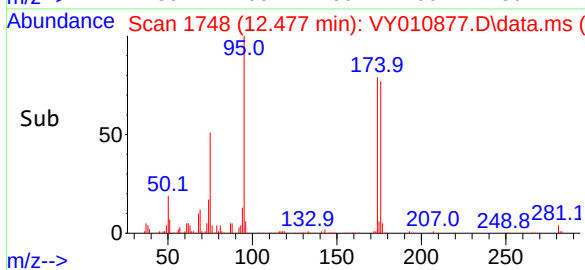
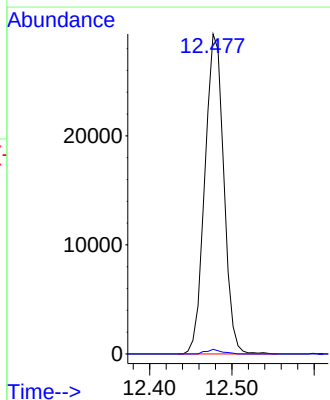
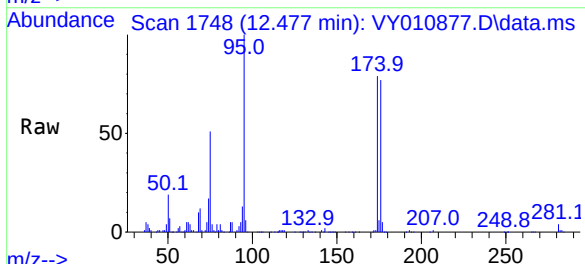
Instrument :
 MSVOA_Y
 ClientSampleId :
 R-7

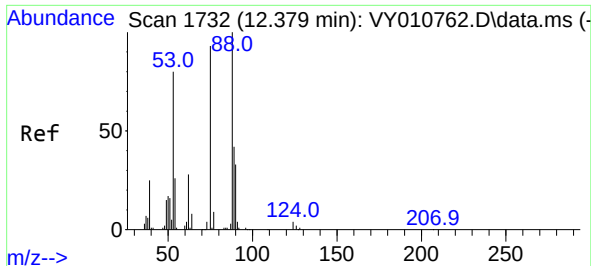
Tgt Ion:152 Resp: 92513
 Ion Ratio Lower Upper
 152 100
 115 58.4 28.2 84.7
 150 158.5 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 50.034 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY010877.D
 Acq: 07 Oct 2022 17:13

Tgt Ion: 75 Resp: 46875
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 104.516 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY010877.D
 Acq: 07 Oct 2022 17:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 R-7

Tgt Ion: 75 Resp: 46875
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 0.0 37.0 55.4#

