

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100722\
 Data File : VY010875.D
 Acq On : 07 Oct 2022 16:27
 Operator : KP/MD
 Sample : N5046-03
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 R-3

Quant Time: Oct 08 04:47:45 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)

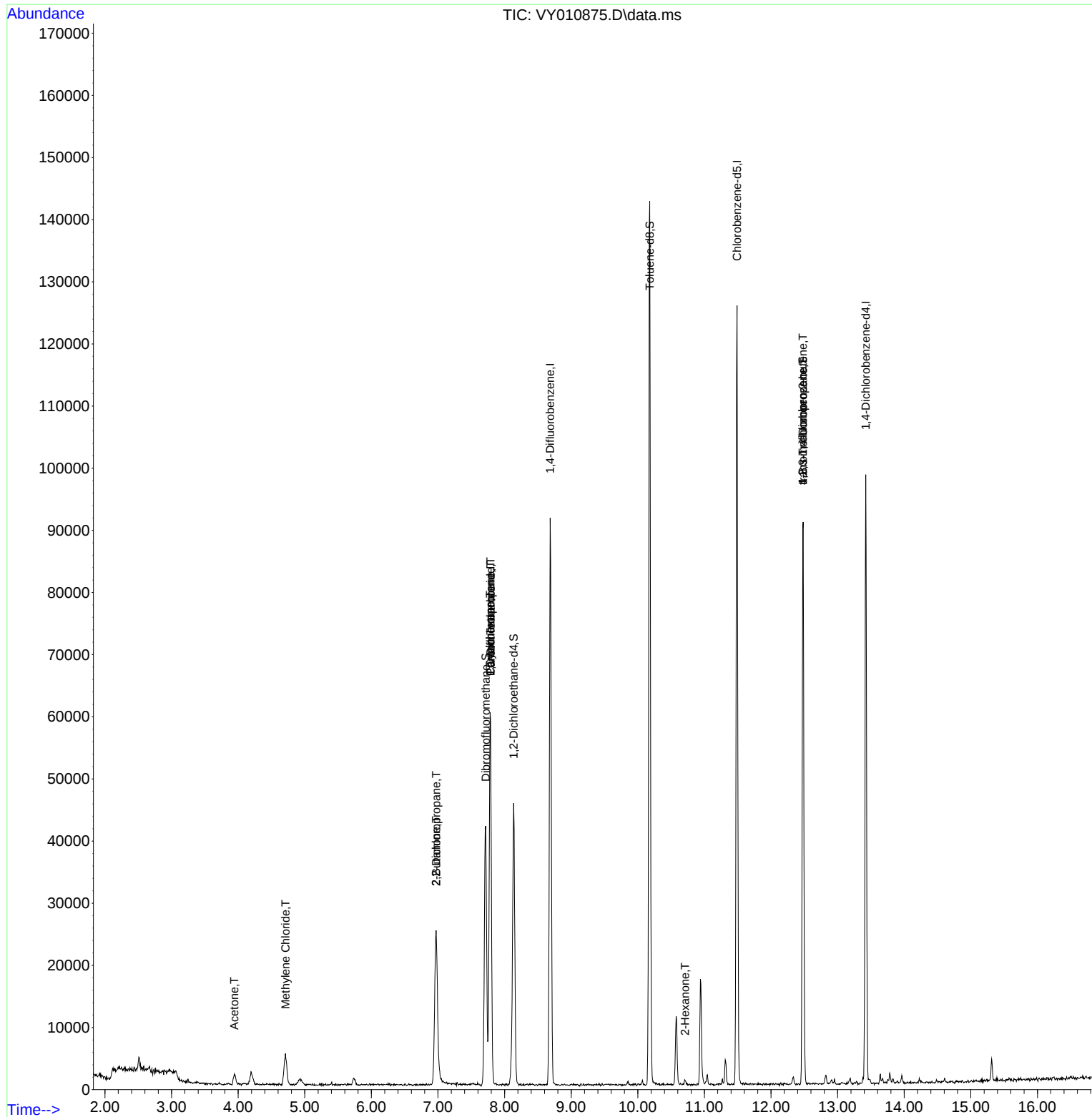
Internal Standards						
1) Pentafluorobenzene	7.789	168	46243	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	77334	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	69320	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	25691	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	32366	69.050	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 138.100%	
35) Dibromofluoromethane	7.716	113	30373	59.166	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 118.340%	
50) Toluene-d8	10.179	98	95426	54.355	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.720%	
62) 4-Bromofluorobenzene	12.477	95	26523	37.770	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 75.540%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	731	Below Cal	#	77
16) Acetone	3.942	43	2848	23.924	ug/l #	83
20) Methylene Chloride	4.710	84	3979	2.688	ug/l #	79
25) 2-Butanone	6.972	43	1531	8.945	ug/l	100
26) 2,2-Dichloropropane	6.972	77	1926	2.321	ug/l #	55
31) Cyclohexane	7.783	56	997	1.188	ug/l #	29
36) 1,1-Dichloropropene	7.789	75	3934	5.309	ug/l #	46
38) Carbon Tetrachloride	7.789	117	4956	6.421	ug/l #	16
59) 2-Hexanone	10.709	43	343	1.375	ug/l #	28
76) 1,2,3-Trichloropropane	12.477	75	13513	51.939	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	13513	108.496	ug/l #	7

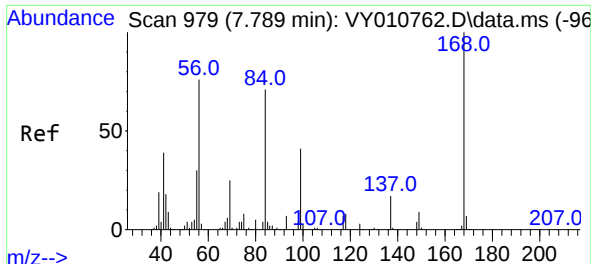
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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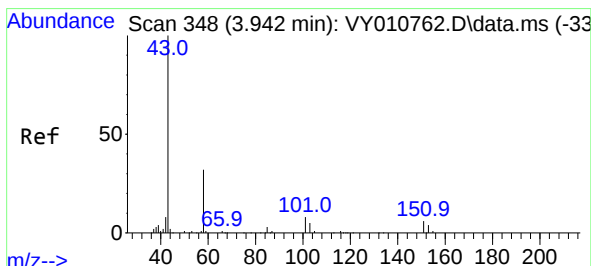
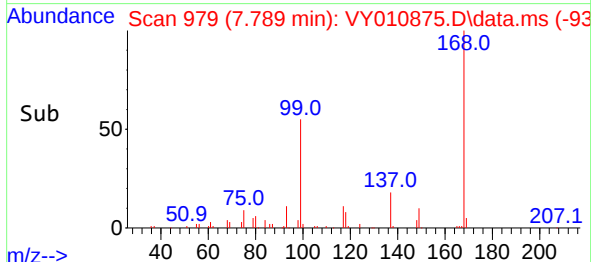
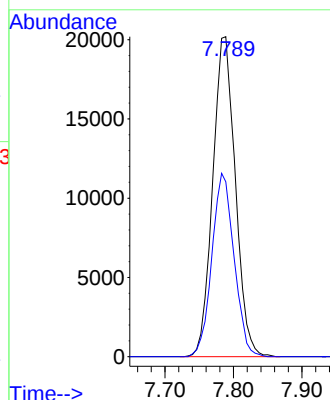
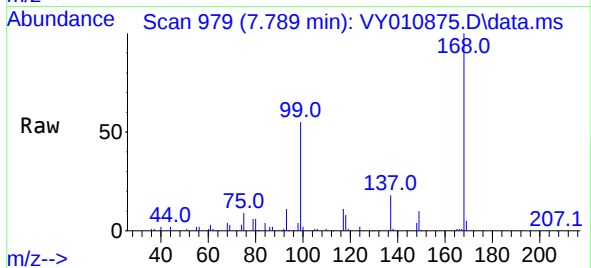




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010875.D
Acq: 07 Oct 2022 16:27

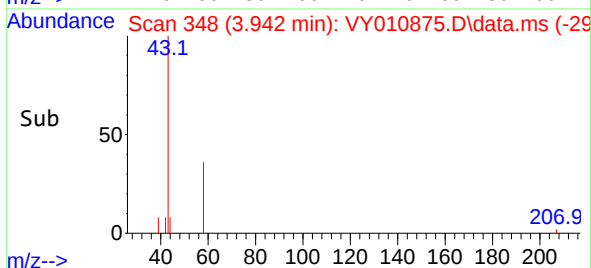
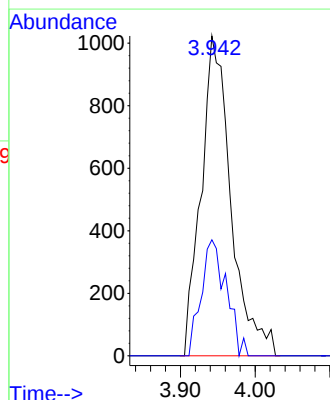
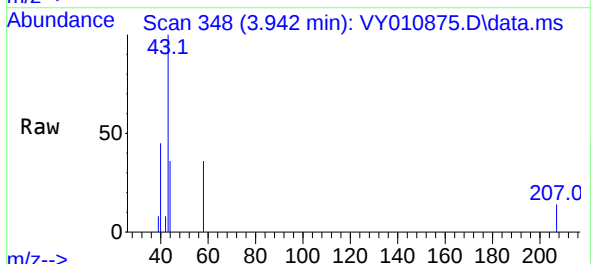
Instrument :
MSVOA_Y
ClientSampleId :
R-3

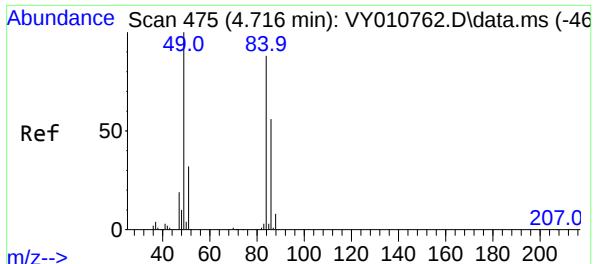
Tgt Ion:168 Resp: 46243
Ion Ratio Lower Upper
168 100
99 54.6 46.9 70.3



#16
Acetone
Concen: 23.924 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY010875.D
Acq: 07 Oct 2022 16:27

Tgt Ion: 43 Resp: 2848
Ion Ratio Lower Upper
43 100
58 36.3 22.0 33.0#



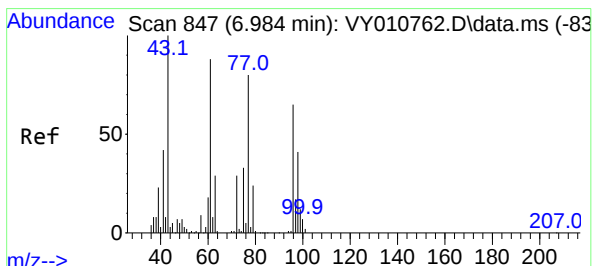
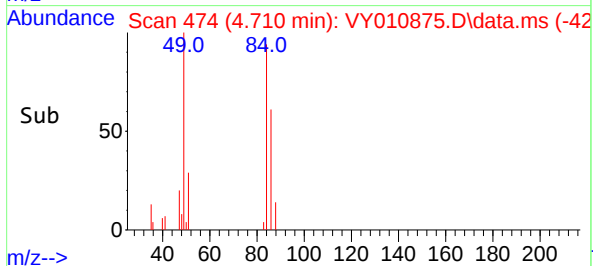
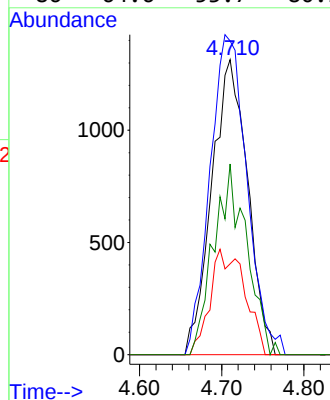
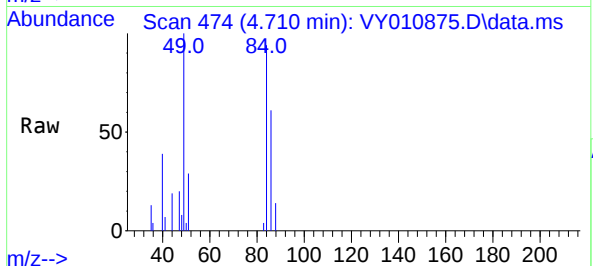


#20
Methylene Chloride
Concen: 2.688 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010875.D
Acq: 07 Oct 2022 16:27

Instrument :
MSVOA_Y
ClientSampleId :
R-3

Tgt Ion: 84 Resp: 3979

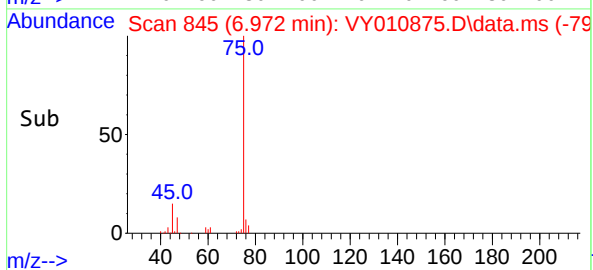
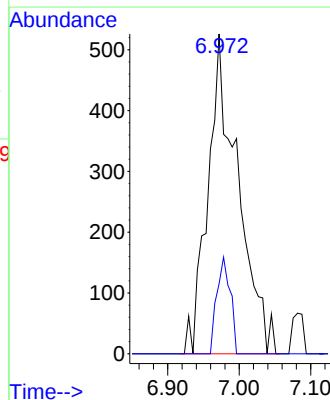
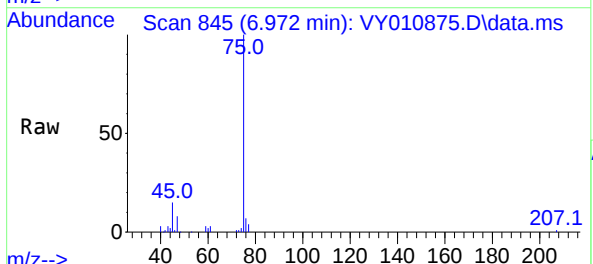
Ion	Ratio	Lower	Upper
84	100		
49	106.3	114.4	171.6#
51	30.8	35.3	52.9#
86	64.6	53.7	80.5

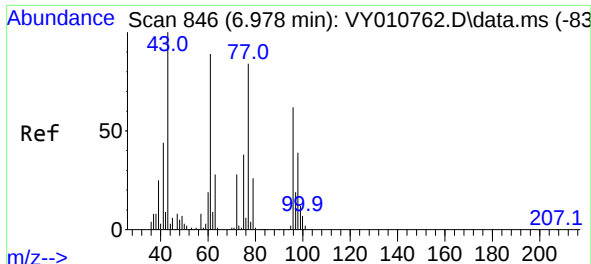


#25
2-Butanone
Concen: 8.945 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.012 min
Lab File: VY010875.D
Acq: 07 Oct 2022 16:27

Tgt Ion: 43 Resp: 1531

Ion	Ratio	Lower	Upper
43	100		
72	21.9	17.7	26.5





#26

2,2-Dichloropropane

Concen: 2.321 ug/l

RT: 6.972 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY010875.D

Acq: 07 Oct 2022 16:27

Instrument :

MSVOA_Y

ClientSampleId :

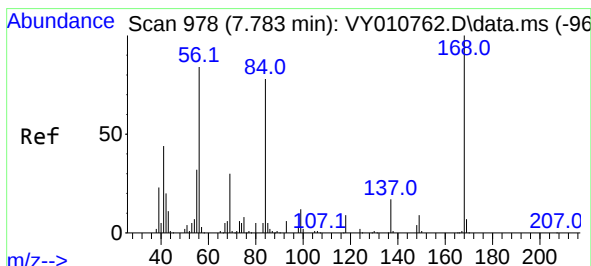
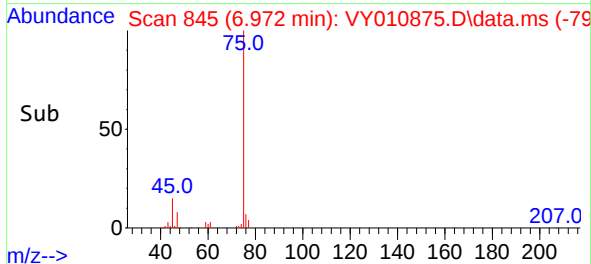
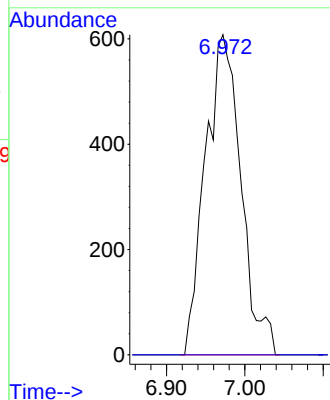
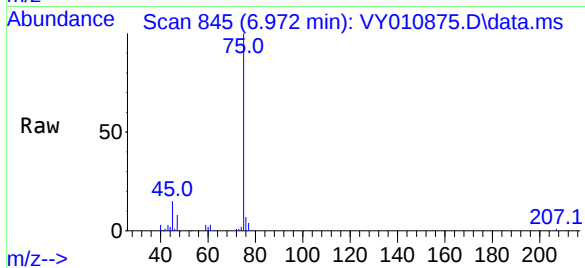
R-3

Tgt Ion: 77 Resp: 1926

Ion Ratio Lower Upper

77 100

97 0.0 10.4 31.4#



#31

Cyclohexane

Concen: 1.188 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY010875.D

Acq: 07 Oct 2022 16:27

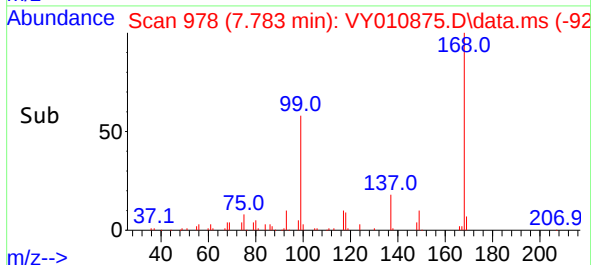
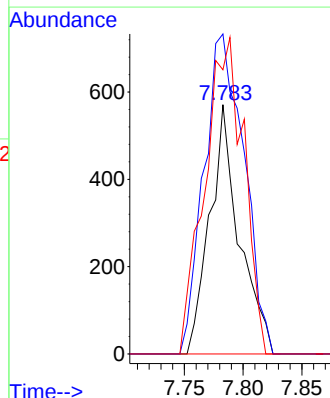
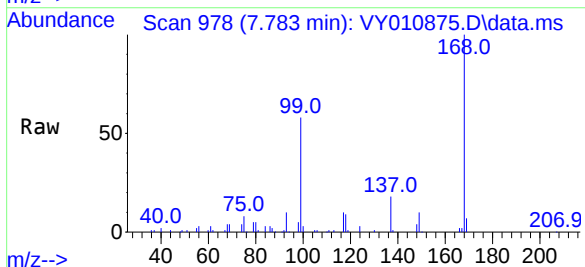
Tgt Ion: 56 Resp: 997

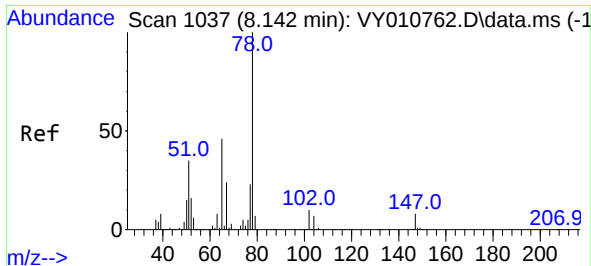
Ion Ratio Lower Upper

56 100

69 128.4 26.7 40.1#

84 114.0 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 69.050 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY010875.D

Acq: 07 Oct 2022 16:27

Instrument :

MSVOA_Y

ClientSampleId :

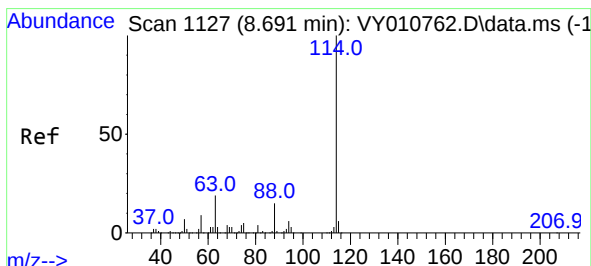
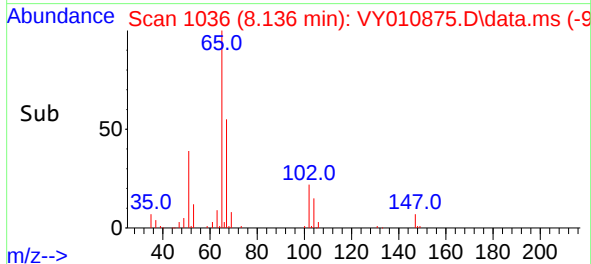
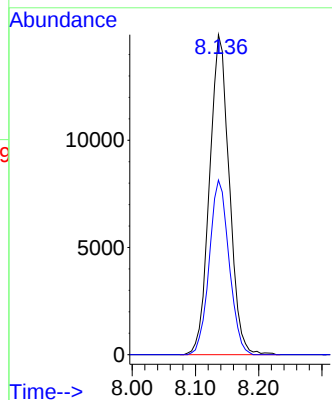
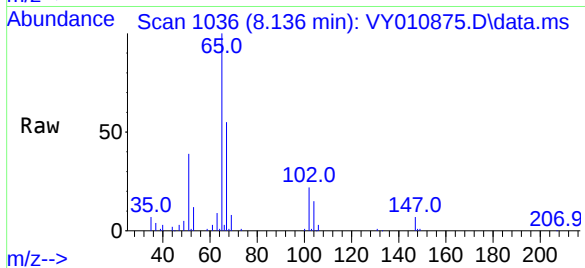
R-3

Tgt Ion: 65 Resp: 32366

Ion Ratio Lower Upper

65 100

67 54.6 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: VY010875.D

Acq: 07 Oct 2022 16:27

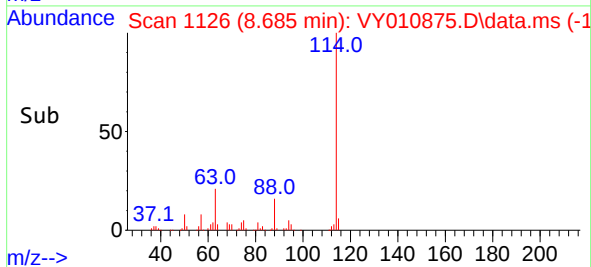
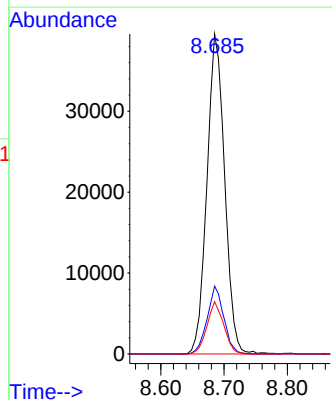
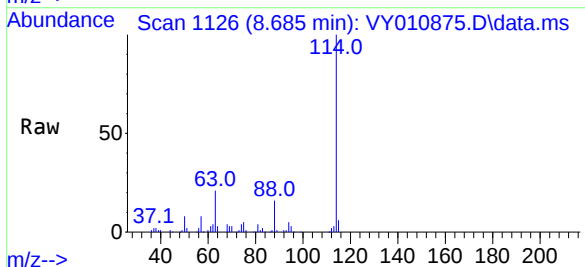
Tgt Ion:114 Resp: 77334

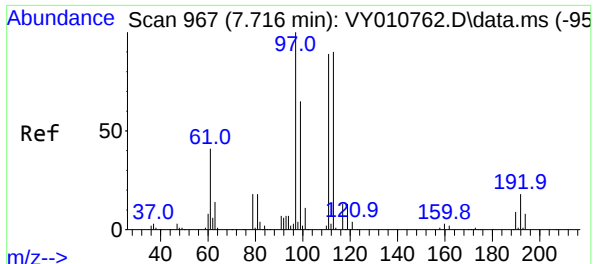
Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.2

88 16.4 0.0 31.8

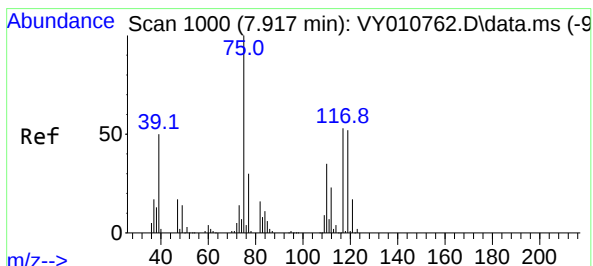
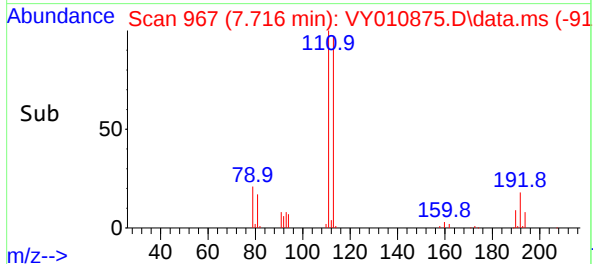
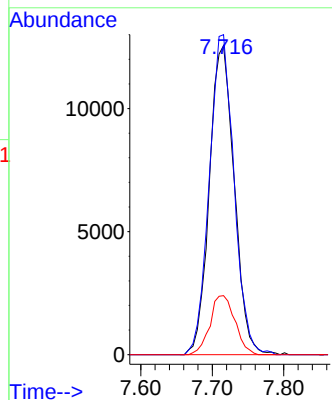
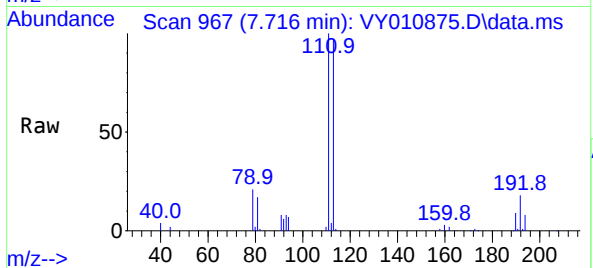




#35
Dibromofluoromethane
Concen: 59.166 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY010875.D
Acq: 07 Oct 2022 16:27

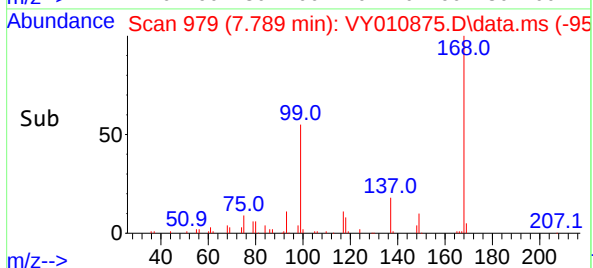
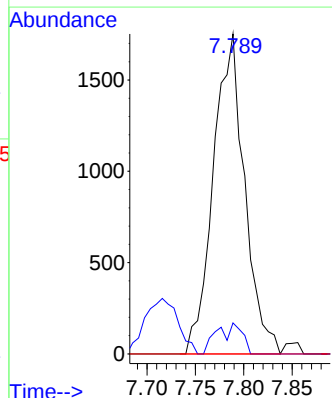
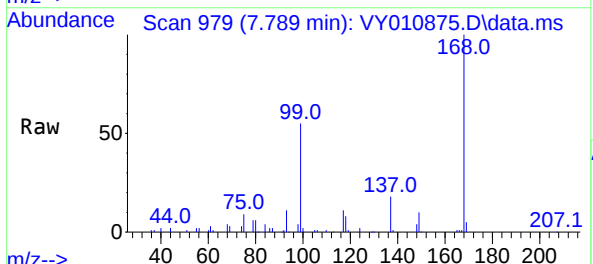
Instrument :
MSVOA_Y
ClientSampleId :
R-3

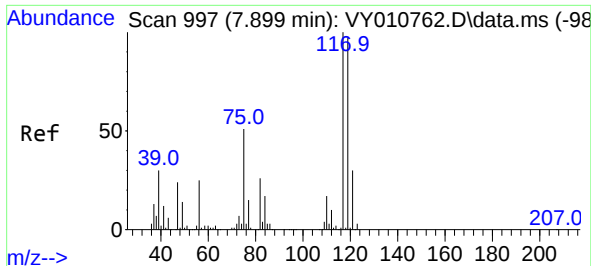
Tgt Ion:113 Resp: 30373
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 19.2 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.309 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY010875.D
Acq: 07 Oct 2022 16:27

Tgt Ion: 75 Resp: 3934
Ion Ratio Lower Upper
75 100
110 3.8 17.1 51.2#
77 0.0 24.4 36.6#

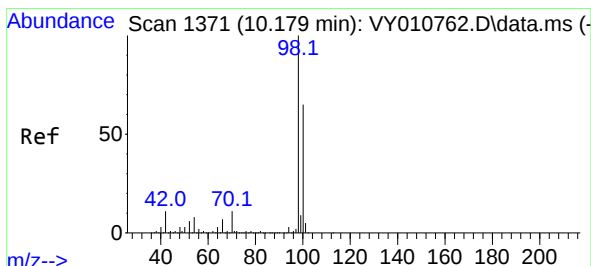
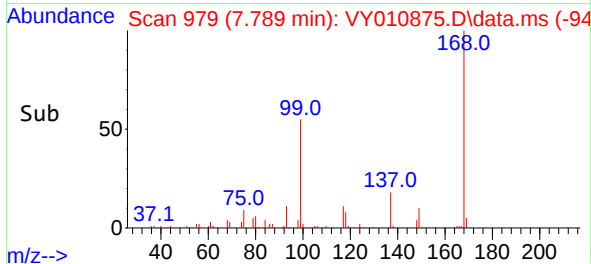
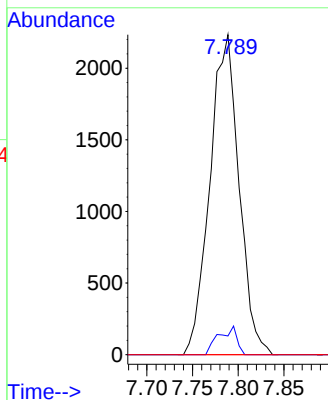
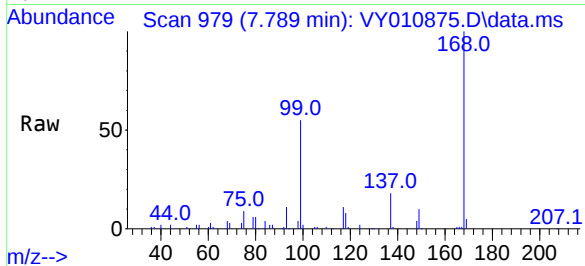




#38
Carbon Tetrachloride
Concen: 6.421 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010875.D
Acq: 07 Oct 2022 16:27

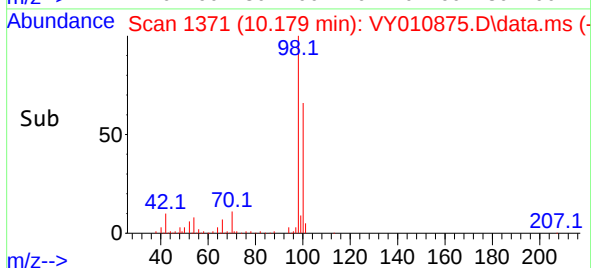
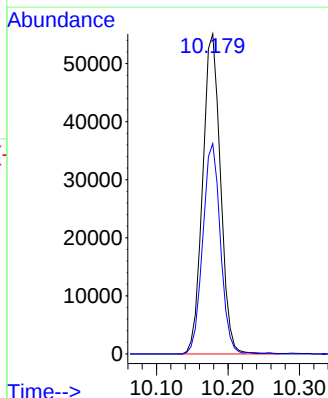
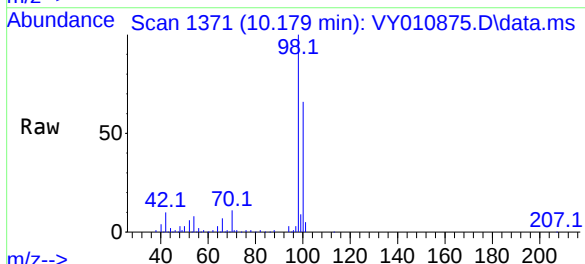
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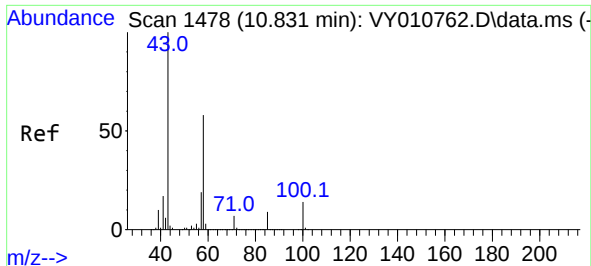
Tgt Ion:117 Resp: 4956
Ion Ratio Lower Upper
117 100
119 5.9 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.355 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010875.D
Acq: 07 Oct 2022 16:27

Tgt Ion: 98 Resp: 95426
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2

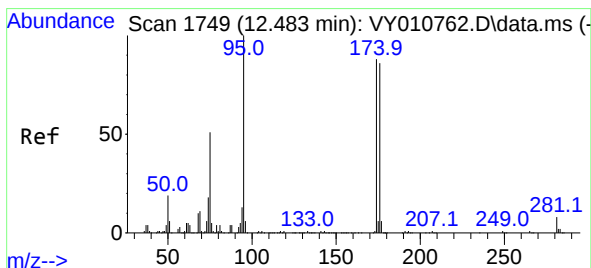
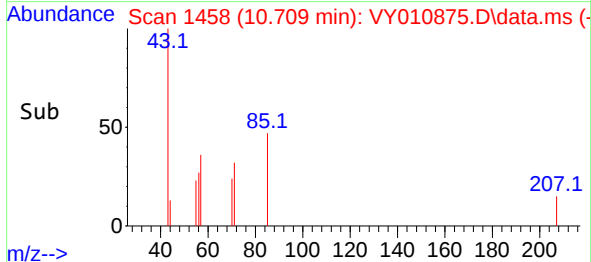
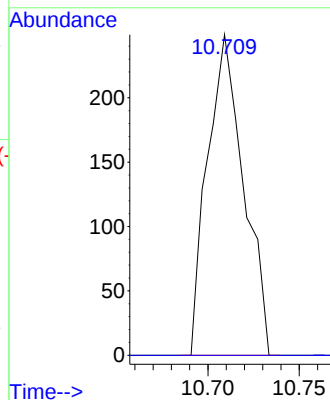
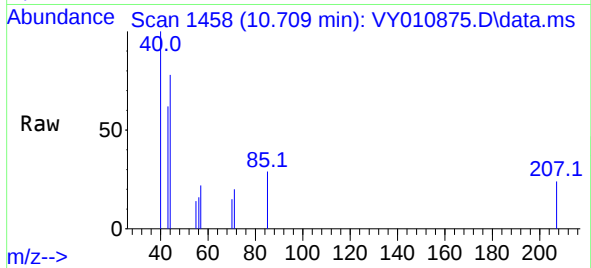




#59
2-Hexanone
Concen: 1.375 ug/l
RT: 10.709 min Scan# 1458
Delta R.T. -0.122 min
Lab File: VY010875.D
Acq: 07 Oct 2022 16:27

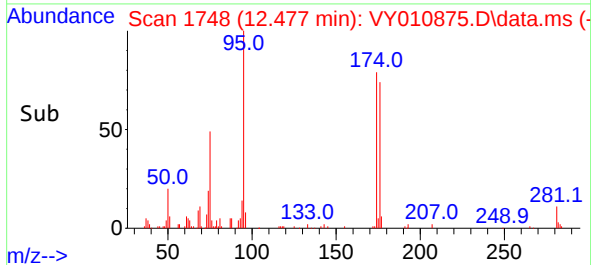
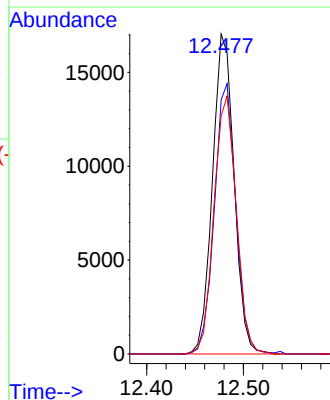
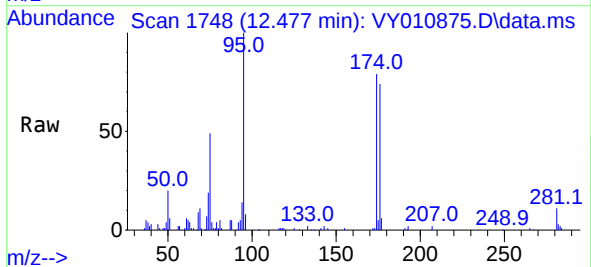
Instrument :
MSVOA_Y
ClientSampleId :
R-3

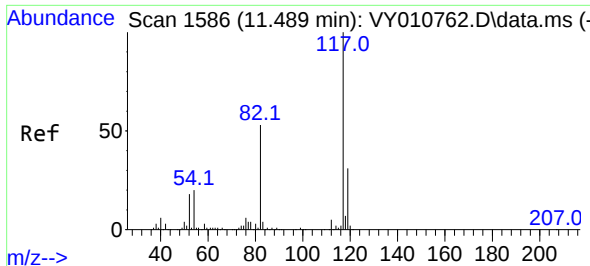
Tgt Ion: 43 Resp: 343
Ion Ratio Lower Upper
43 100
58 0.0 24.4 73.4#



#62
4-Bromofluorobenzene
Concen: 37.770 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010875.D
Acq: 07 Oct 2022 16:27

Tgt Ion: 95 Resp: 26523
Ion Ratio Lower Upper
95 100
174 84.0 0.0 177.0
176 83.2 0.0 175.8

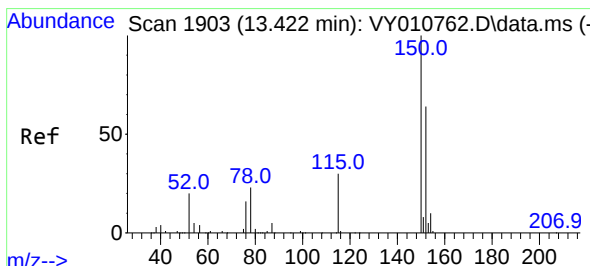
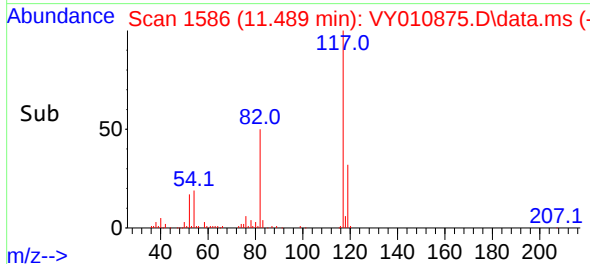
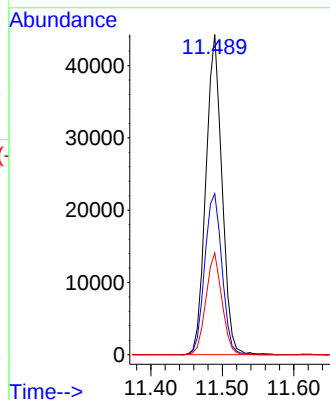
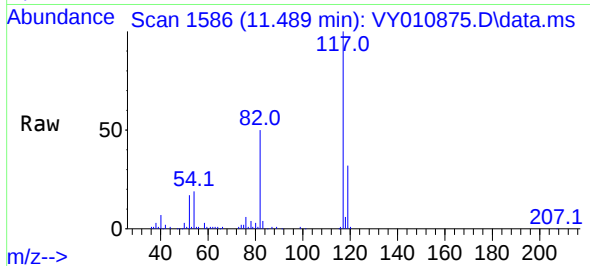




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY010875.D
Acq: 07 Oct 2022 16:27

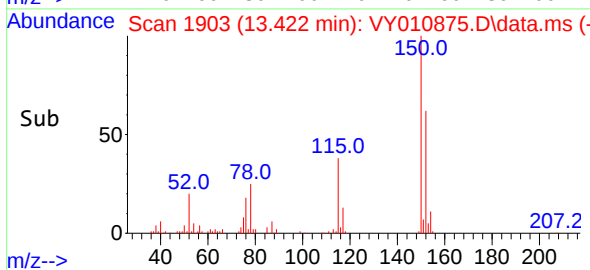
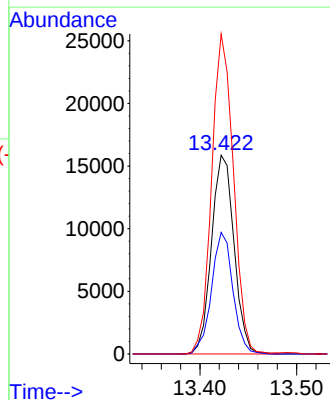
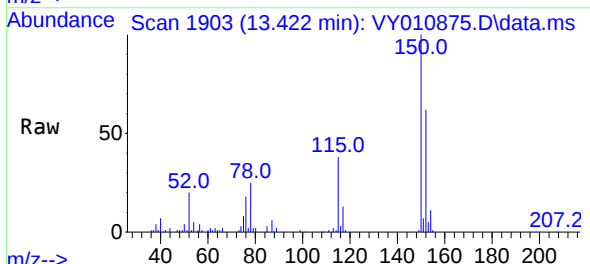
Instrument :
MSVOA_Y
ClientSampleId :
R-3

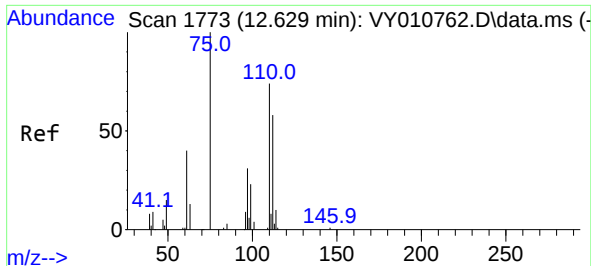
Tgt Ion:117	Resp:	69320
Ion Ratio	Lower	Upper
117	100	
82	50.3	43.0 64.4
119	31.8	25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY010875.D
Acq: 07 Oct 2022 16:27

Tgt Ion:152	Resp:	25691
Ion Ratio	Lower	Upper
152	100	
115	58.1	28.2 84.7
150	155.5	0.0 347.6

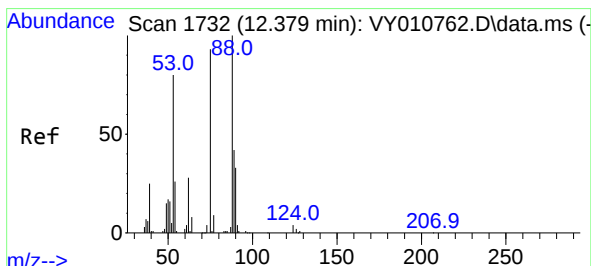
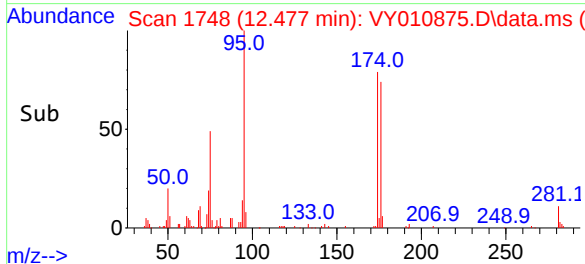
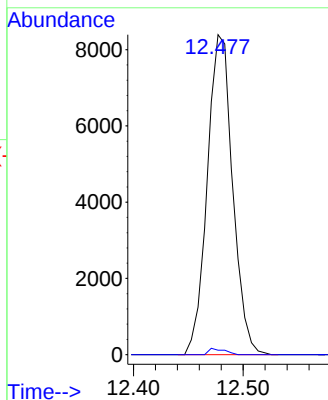
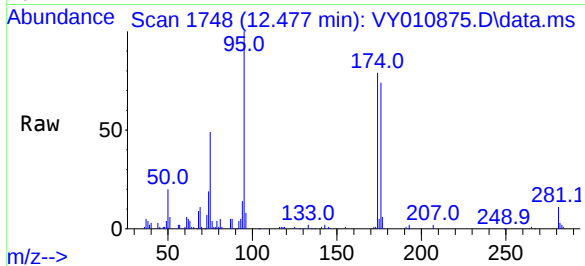




#76
1,2,3-Trichloropropane
Concen: 51.939 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY010875.D
Acq: 07 Oct 2022 16:27

Instrument :
MSVOA_Y
ClientSampleId :
R-3

Tgt Ion: 75 Resp: 13513
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.496 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY010875.D
Acq: 07 Oct 2022 16:27

Tgt Ion: 75 Resp: 13513
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

