

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102422\
 Data File : VY011082.D
 Acq On : 24 Oct 2022 20:08
 Operator : KP/MD
 Sample : N5256-07
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-N1-13.5-14.0

Quant Time: Oct 25 05:48:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

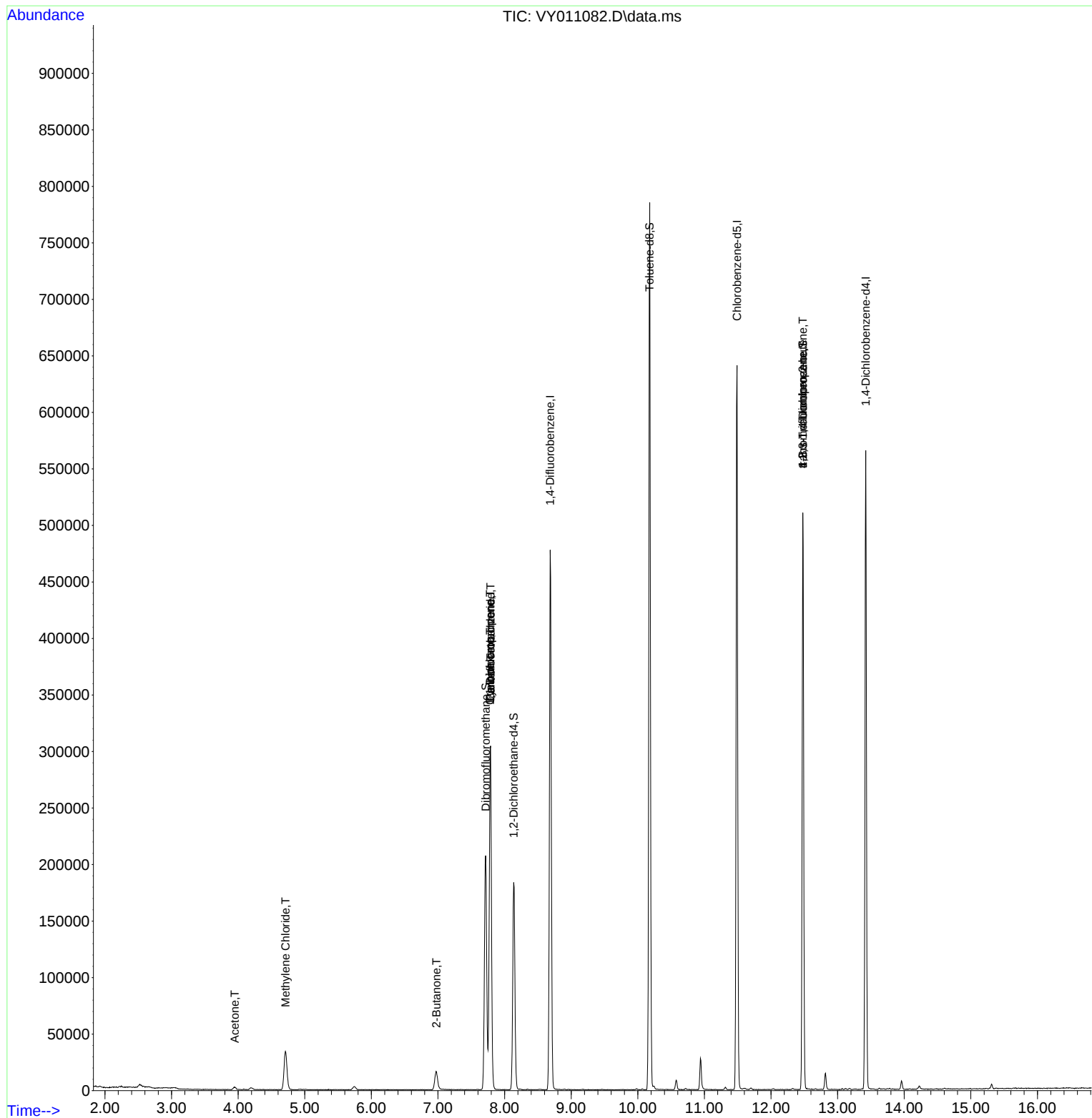
Internal Standards						
1) Pentafluorobenzene	7.789	168	240313	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	416809	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	356407	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	147259	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	142035	64.164	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.320%	
35) Dibromofluoromethane	7.716	113	150904	65.623	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 131.240%	
50) Toluene-d8	10.179	98	509464	58.539	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 117.080%	
62) 4-Bromofluorobenzene	12.477	95	155278	50.393	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.780%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	449	Below Cal	#	77
16) Acetone	3.948	43	4181	6.504	ug/l #	81
18) Methyl Acetate	4.479	43	87	Below Cal	#	56
20) Methylene Chloride	4.710	84	27151	3.862	ug/l #	82
25) 2-Butanone	6.978	43	1859	1.907	ug/l	98
31) Cyclohexane	7.783	56	4598	1.085	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	18138	4.675	ug/l #	50
38) Carbon Tetrachloride	7.789	117	23638	5.902	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	76471	45.740	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	76471	98.374	ug/l #	7

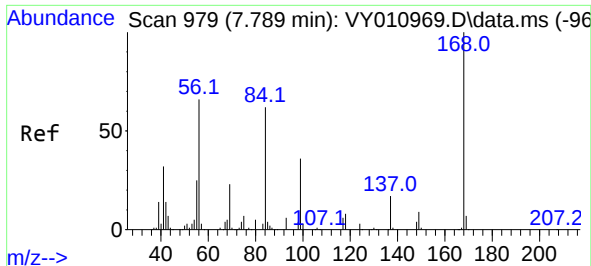
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102422\
Data File : VY011082.D
Acq On : 24 Oct 2022 20:08
Operator : KP/MD
Sample : N5256-07
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-N1-13.5-14.0

Quant Time: Oct 25 05:48:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 18 01:42:42 2022
Response via : Initial Calibration

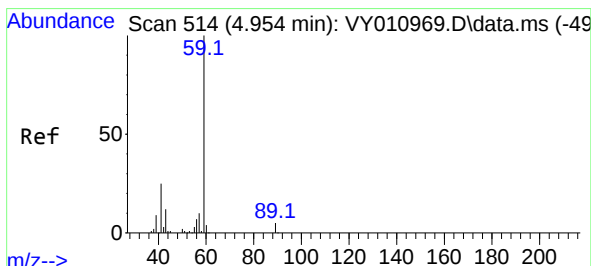
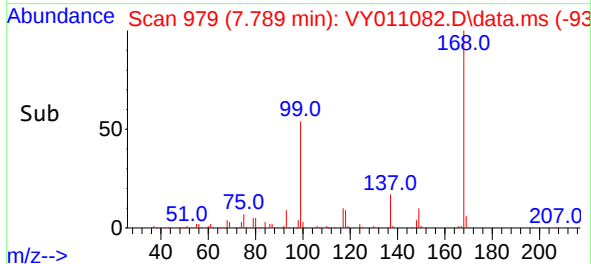
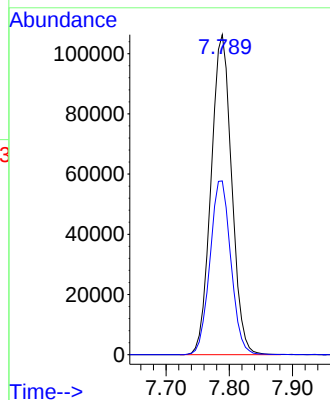
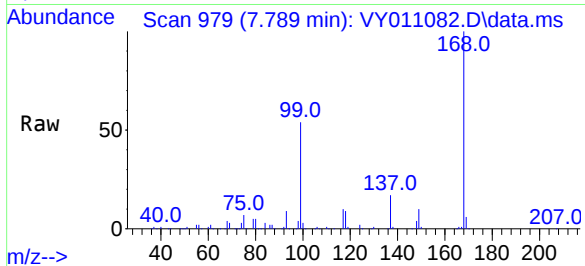




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011082.D
Acq: 24 Oct 2022 20:08

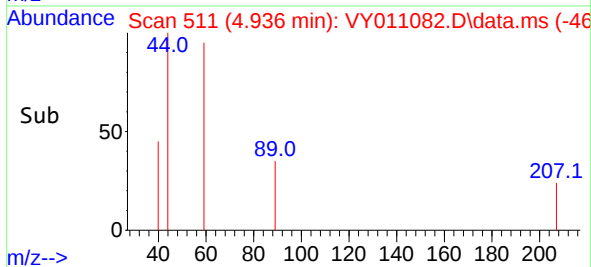
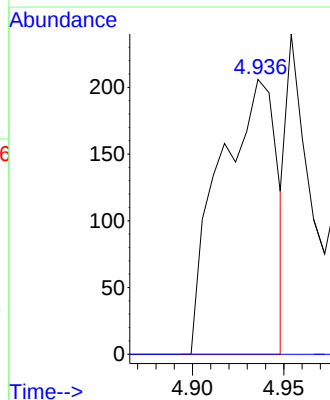
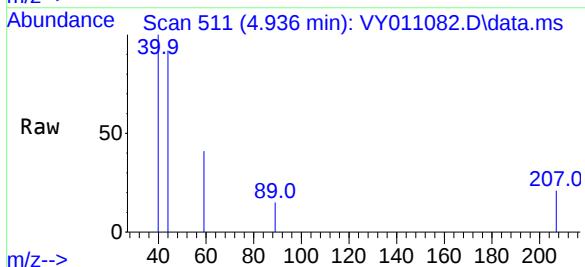
Instrument :
MSVOA_Y
ClientSampleId :
SB-N1-13.5-14.0

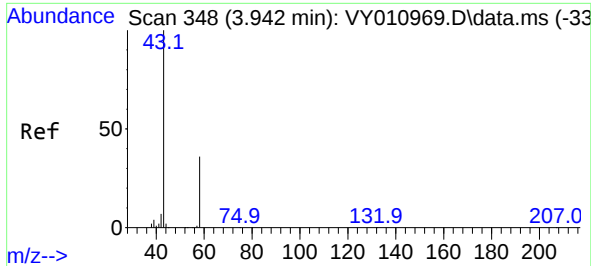
Tgt Ion:168 Resp: 240313
Ion Ratio Lower Upper
168 100
99 54.3 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY011082.D
Acq: 24 Oct 2022 20:08

Tgt Ion: 59 Resp: 449
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#





#16

Acetone

Concen: 6.504 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY011082.D

Acq: 24 Oct 2022 20:08

Instrument :

MSVOA_Y

ClientSampleId :

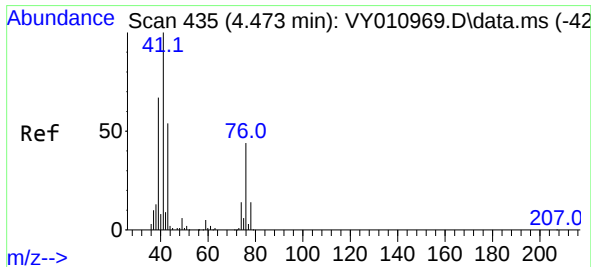
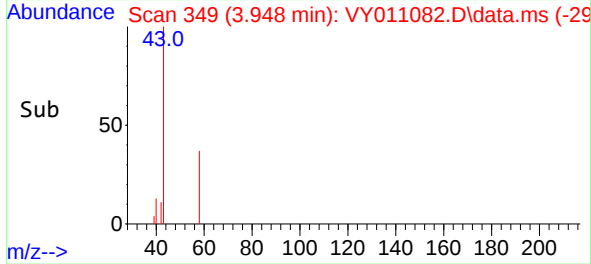
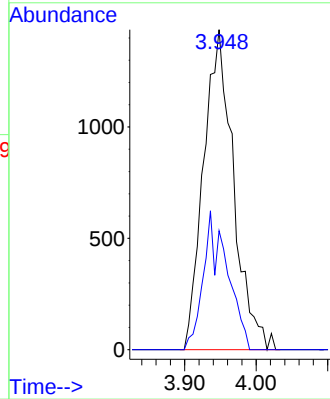
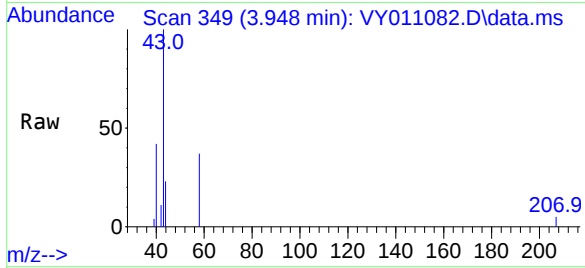
SB-N1-13.5-14.0

Tgt Ion: 43 Resp: 4181

Ion Ratio Lower Upper

43 100

58 37.2 22.0 33.0#



#18

Methyl Acetate

Concen: Below Cal

RT: 4.479 min Scan# 436

Delta R.T. 0.006 min

Lab File: VY011082.D

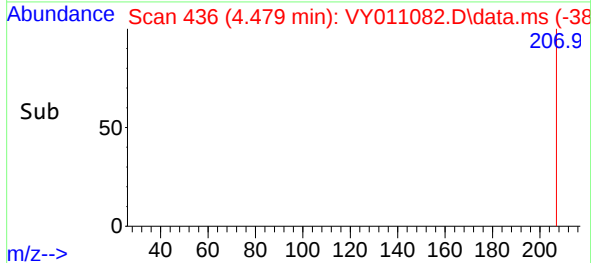
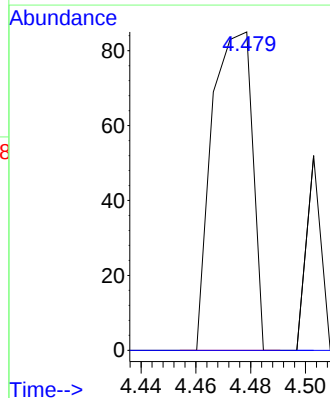
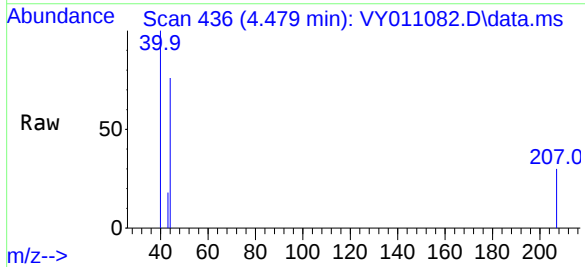
Acq: 24 Oct 2022 20:08

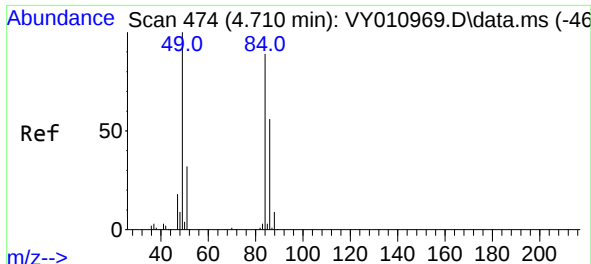
Tgt Ion: 43 Resp: 87

Ion Ratio Lower Upper

43 100

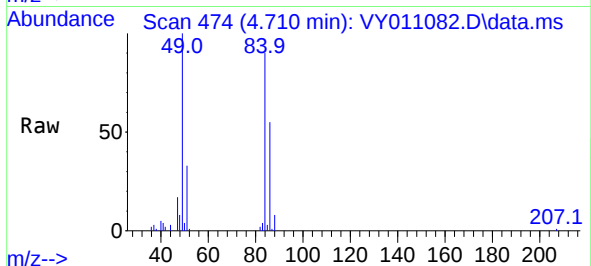
74 0.0 16.6 24.8#





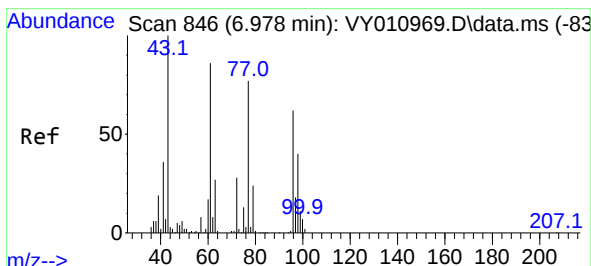
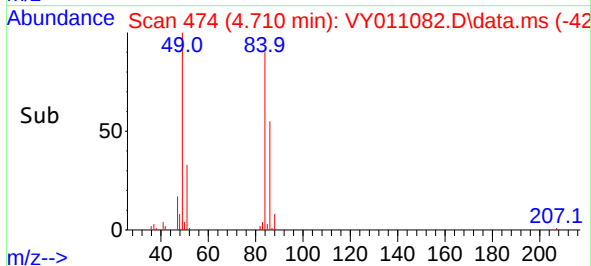
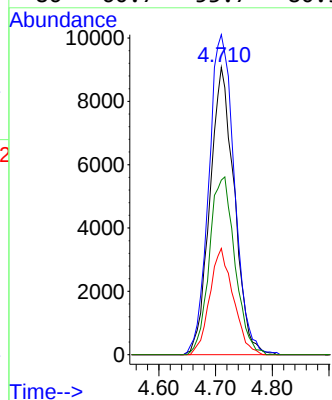
#20
Methylene Chloride
Concen: 3.862 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011082.D
Acq: 24 Oct 2022 20:08

Instrument :
MSVOA_Y
ClientSampleId :
SB-N1-13.5-14.0



Tgt Ion: 84 Resp: 27151

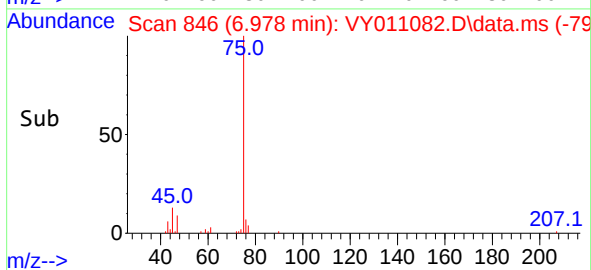
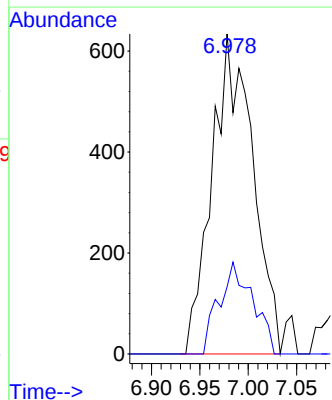
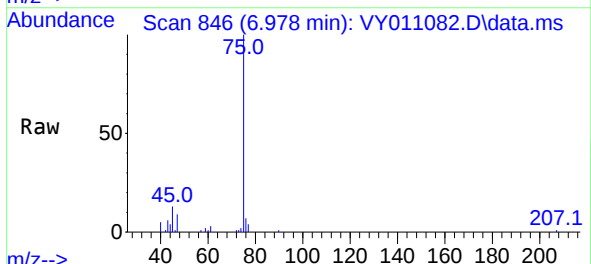
Ion	Ratio	Lower	Upper
84	100		
49	111.3	114.4	171.6#
51	36.9	35.3	52.9
86	60.7	53.7	80.5

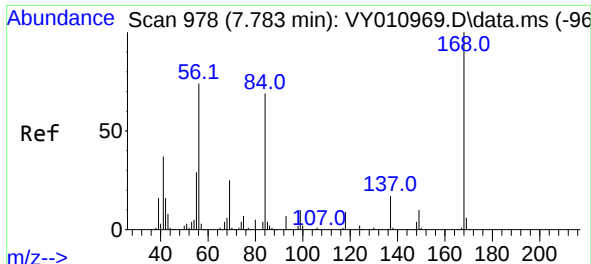


#25
2-Butanone
Concen: 1.907 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY011082.D
Acq: 24 Oct 2022 20:08

Tgt Ion: 43 Resp: 1859

Ion	Ratio	Lower	Upper
43	100		
72	21.0	17.7	26.5

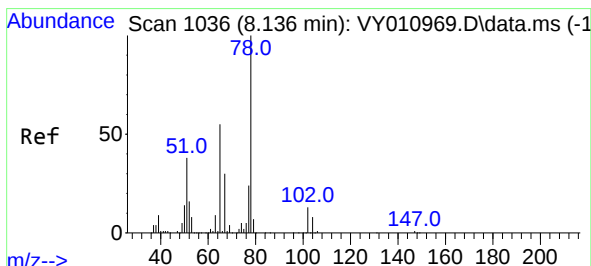
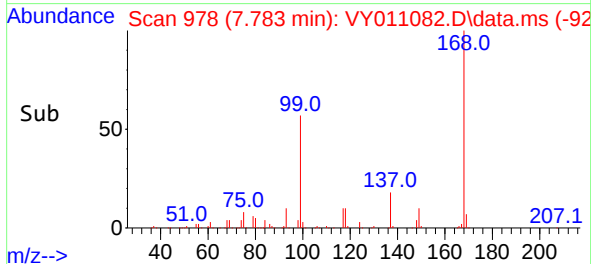
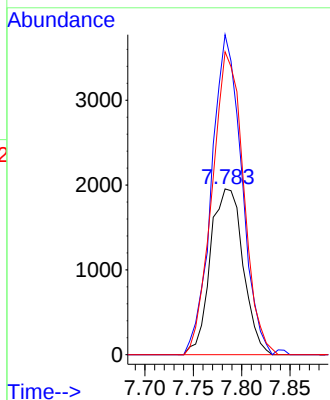
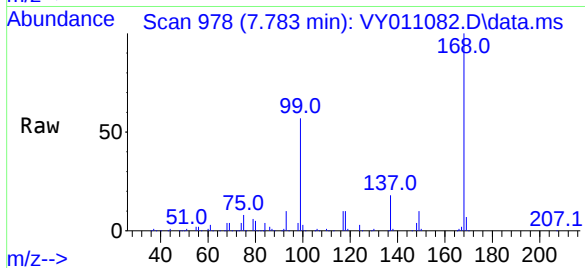




#31
Cyclohexane
Concen: 1.085 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011082.D
Acq: 24 Oct 2022 20:08

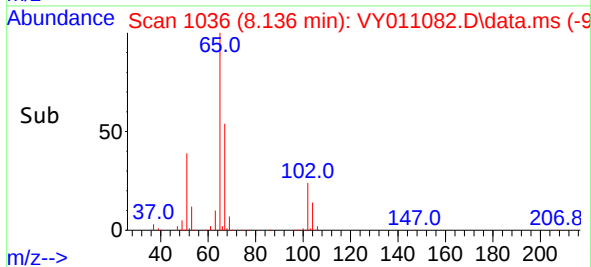
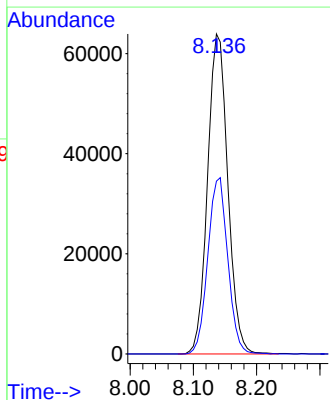
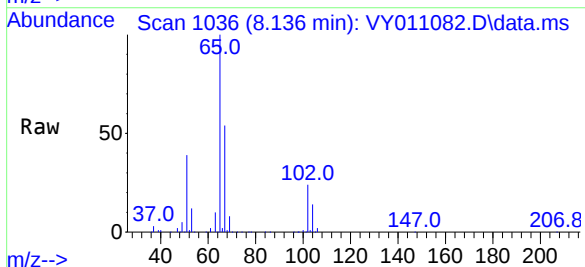
Instrument :
MSVOA_Y
ClientSampleId :
SB-N1-13.5-14.0

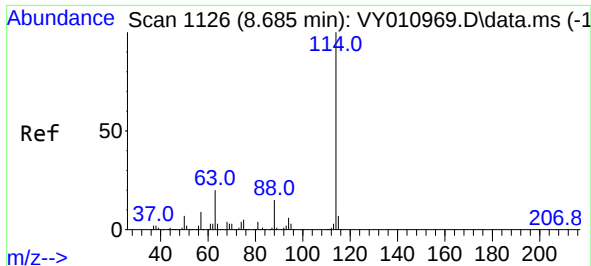
Tgt Ion: 56 Resp: 4598
Ion Ratio Lower Upper
56 100
69 193.0 26.7 40.1#
84 182.7 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 64.164 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011082.D
Acq: 24 Oct 2022 20:08

Tgt Ion: 65 Resp: 142035
Ion Ratio Lower Upper
65 100
67 54.3 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY011082.D

Acq: 24 Oct 2022 20:08

Instrument :

MSVOA_Y

ClientSampleId :

SB-N1-13.5-14.0

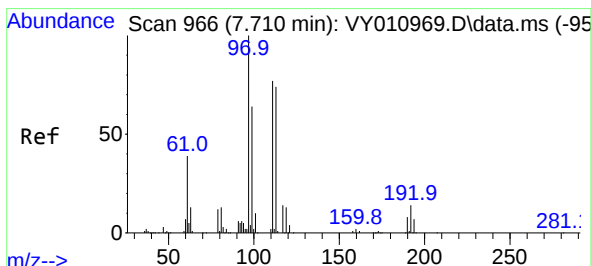
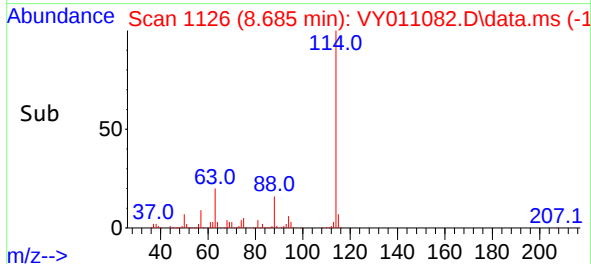
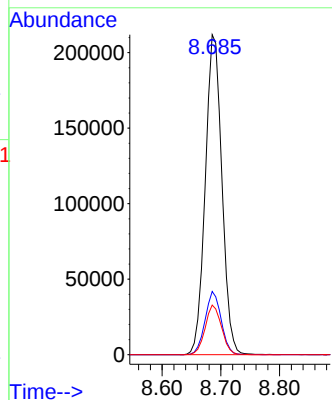
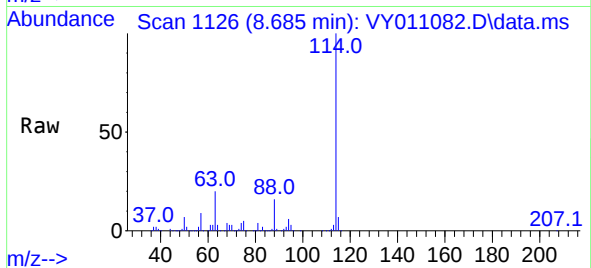
Tgt Ion:114 Resp: 416809

Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

88 15.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 65.623 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011082.D

Acq: 24 Oct 2022 20:08

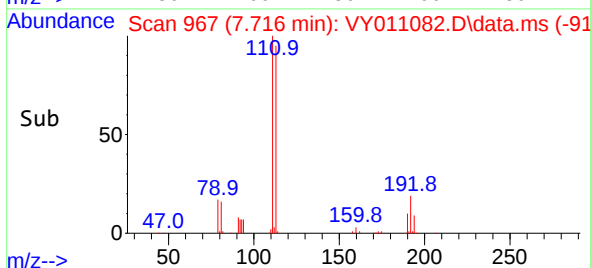
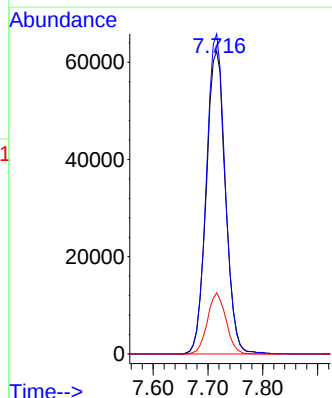
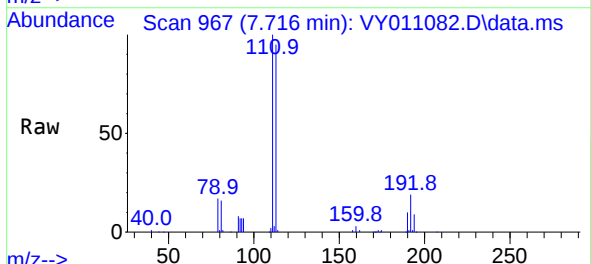
Tgt Ion:113 Resp: 150904

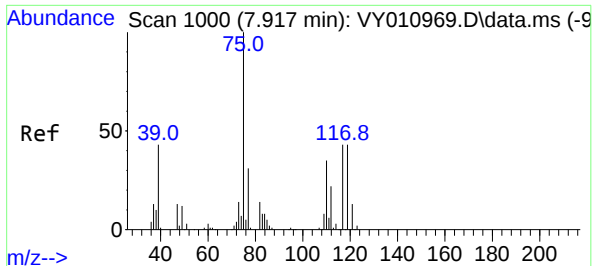
Ion Ratio Lower Upper

113 100

111 103.5 82.6 124.0

192 19.5 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.675 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY011082.D

Acq: 24 Oct 2022 20:08

Instrument :

MSVOA_Y

ClientSampleId :

SB-N1-13.5-14.0

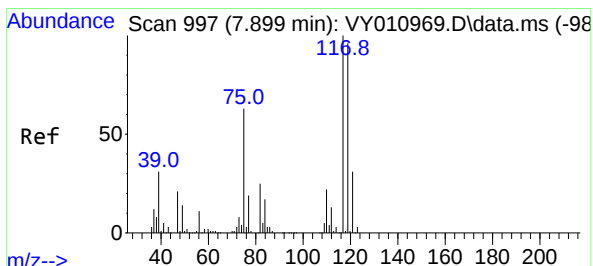
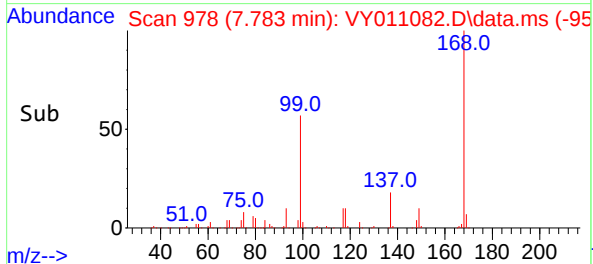
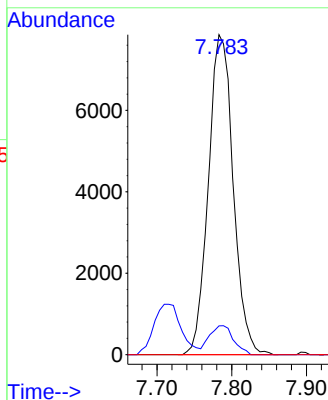
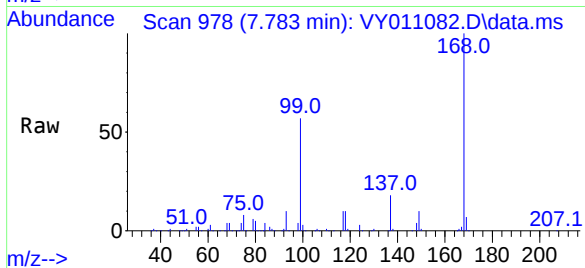
Tgt Ion: 75 Resp: 18138

Ion Ratio Lower Upper

75 100

110 8.8 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.902 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY011082.D

Acq: 24 Oct 2022 20:08

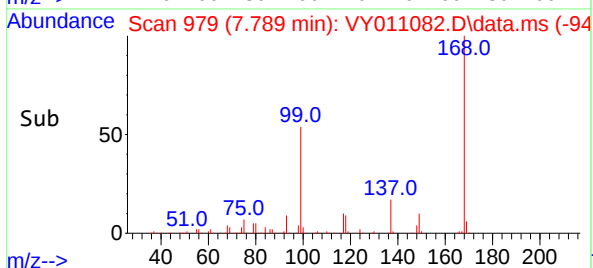
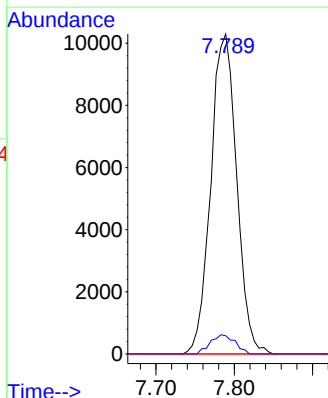
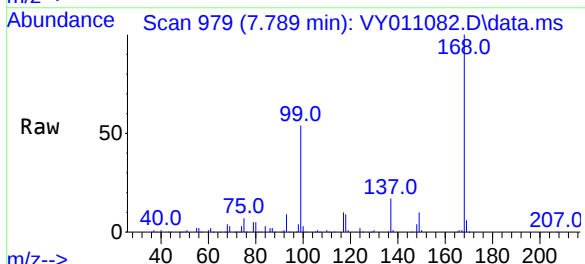
Tgt Ion: 117 Resp: 23638

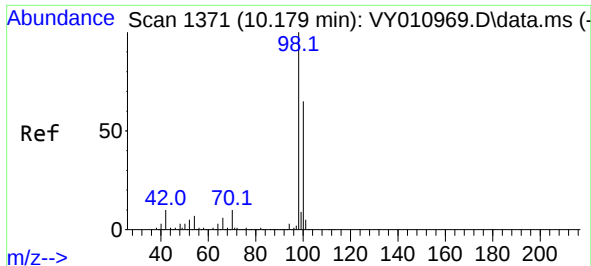
Ion Ratio Lower Upper

117 100

119 5.7 77.9 116.9#

121 0.0 24.8 37.2#

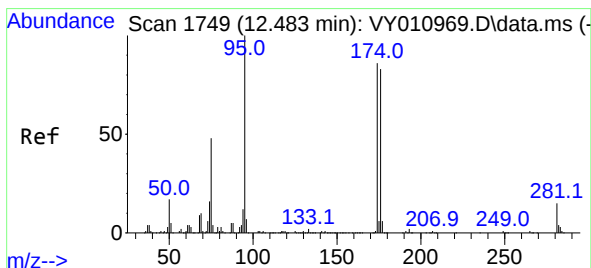
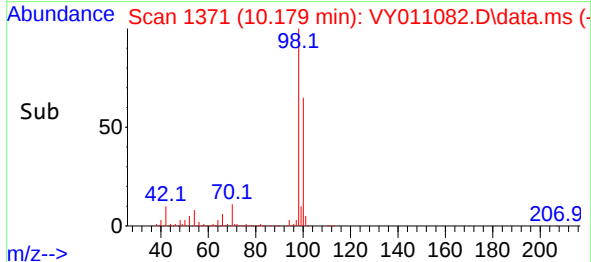
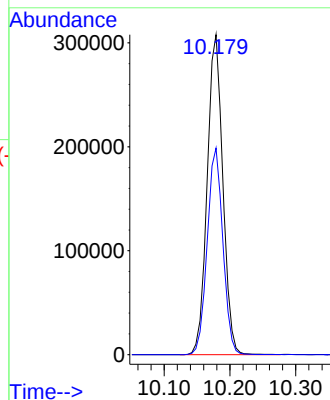
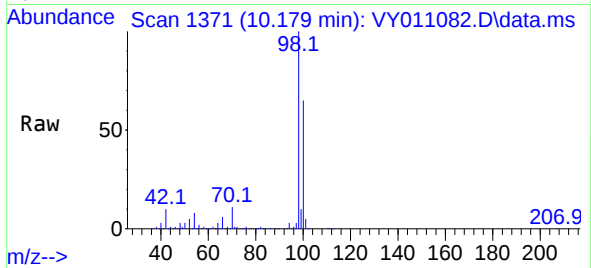




#50
Toluene-d8
Concen: 58.539 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011082.D
Acq: 24 Oct 2022 20:08

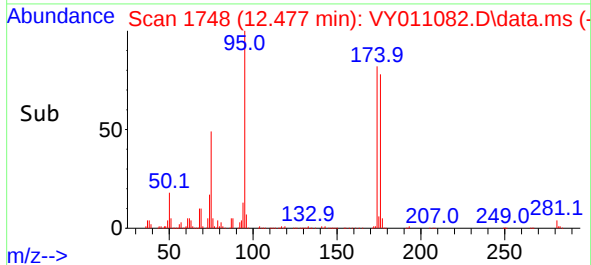
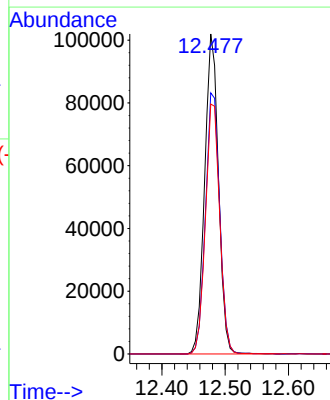
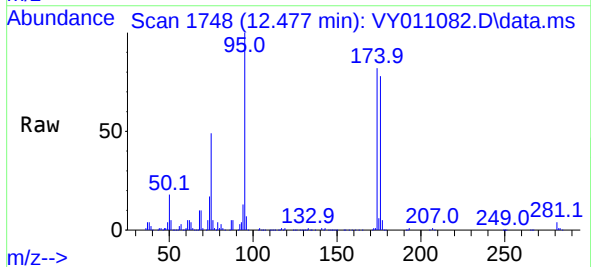
Instrument :
MSVOA_Y
ClientSampleId :
SB-N1-13.5-14.0

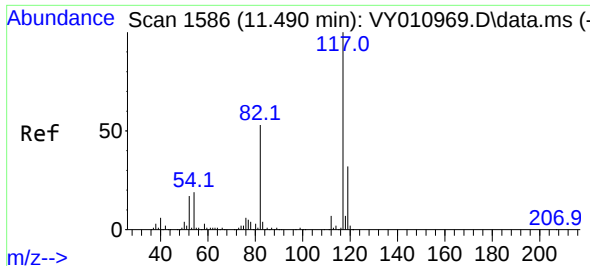
Tgt Ion: 98 Resp: 509464
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 50.393 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011082.D
Acq: 24 Oct 2022 20:08

Tgt Ion: 95 Resp: 155278
Ion Ratio Lower Upper
95 100
174 84.2 0.0 177.0
176 80.9 0.0 175.8

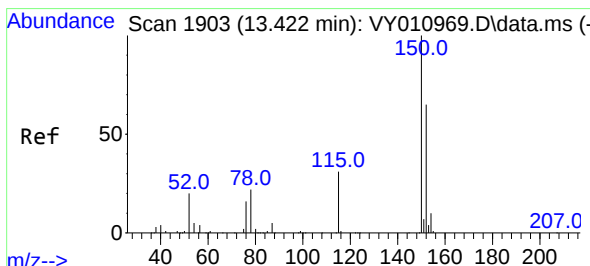
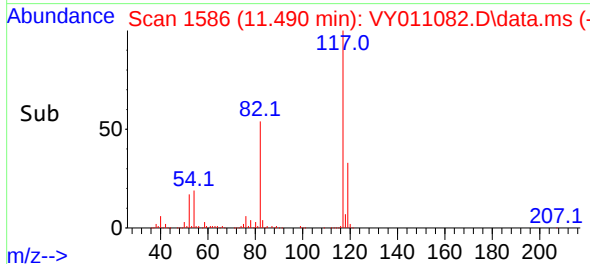
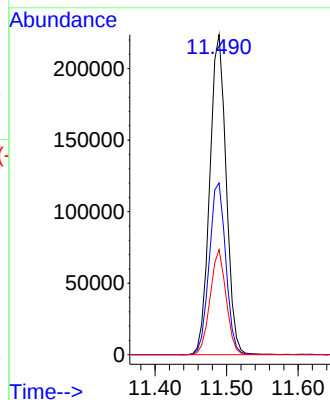
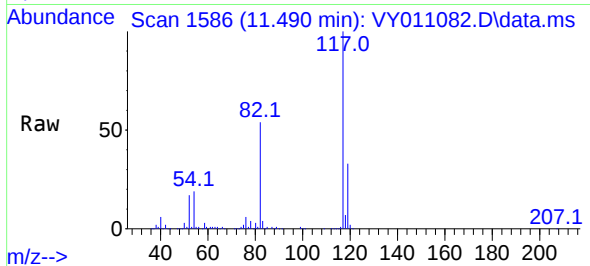




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY011082.D
Acq: 24 Oct 2022 20:08

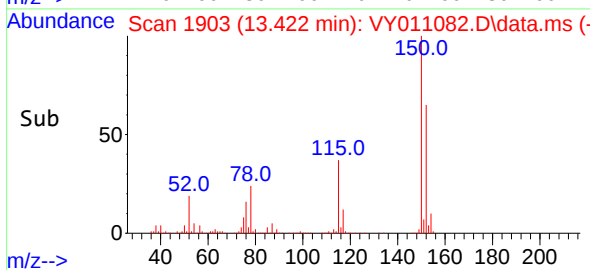
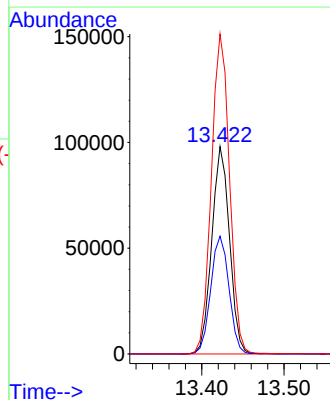
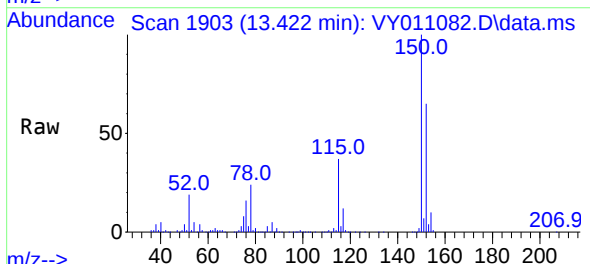
Instrument :
MSVOA_Y
ClientSampleId :
SB-N1-13.5-14.0

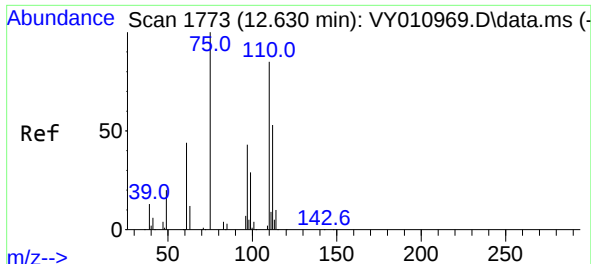
Tgt Ion:117 Resp: 356407
Ion Ratio Lower Upper
117 100
82 53.6 43.0 64.4
119 32.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011082.D
Acq: 24 Oct 2022 20:08

Tgt Ion:152 Resp: 147259
Ion Ratio Lower Upper
152 100
115 58.4 28.2 84.7
150 157.6 0.0 347.6

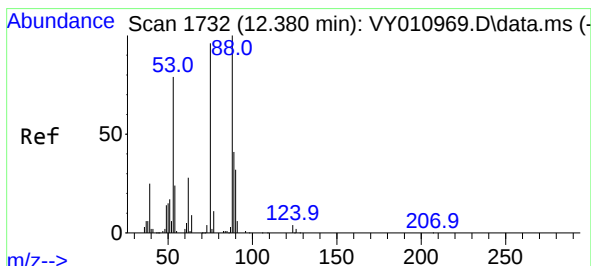
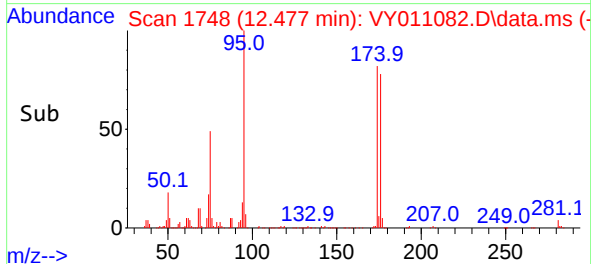
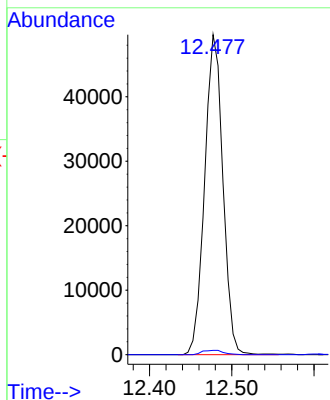
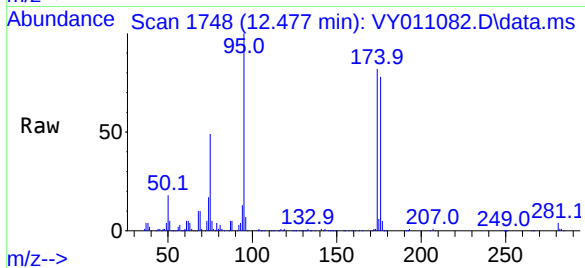




#76
1,2,3-Trichloropropane
Concen: 45.740 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011082.D
Acq: 24 Oct 2022 20:08

Instrument :
MSVOA_Y
ClientSampleId :
SB-N1-13.5-14.0

Tgt Ion: 75 Resp: 76471
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.374 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011082.D
Acq: 24 Oct 2022 20:08

Tgt Ion: 75 Resp: 76471
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#

