

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031722\
 Data File : VY007874.D
 Acq On : 17 Mar 2022 12:39
 Operator : SY/MD
 Sample : BLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VBLK

Quant Time: Mar 17 13:44:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:43:11 2022
 Response via : Initial Calibration

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

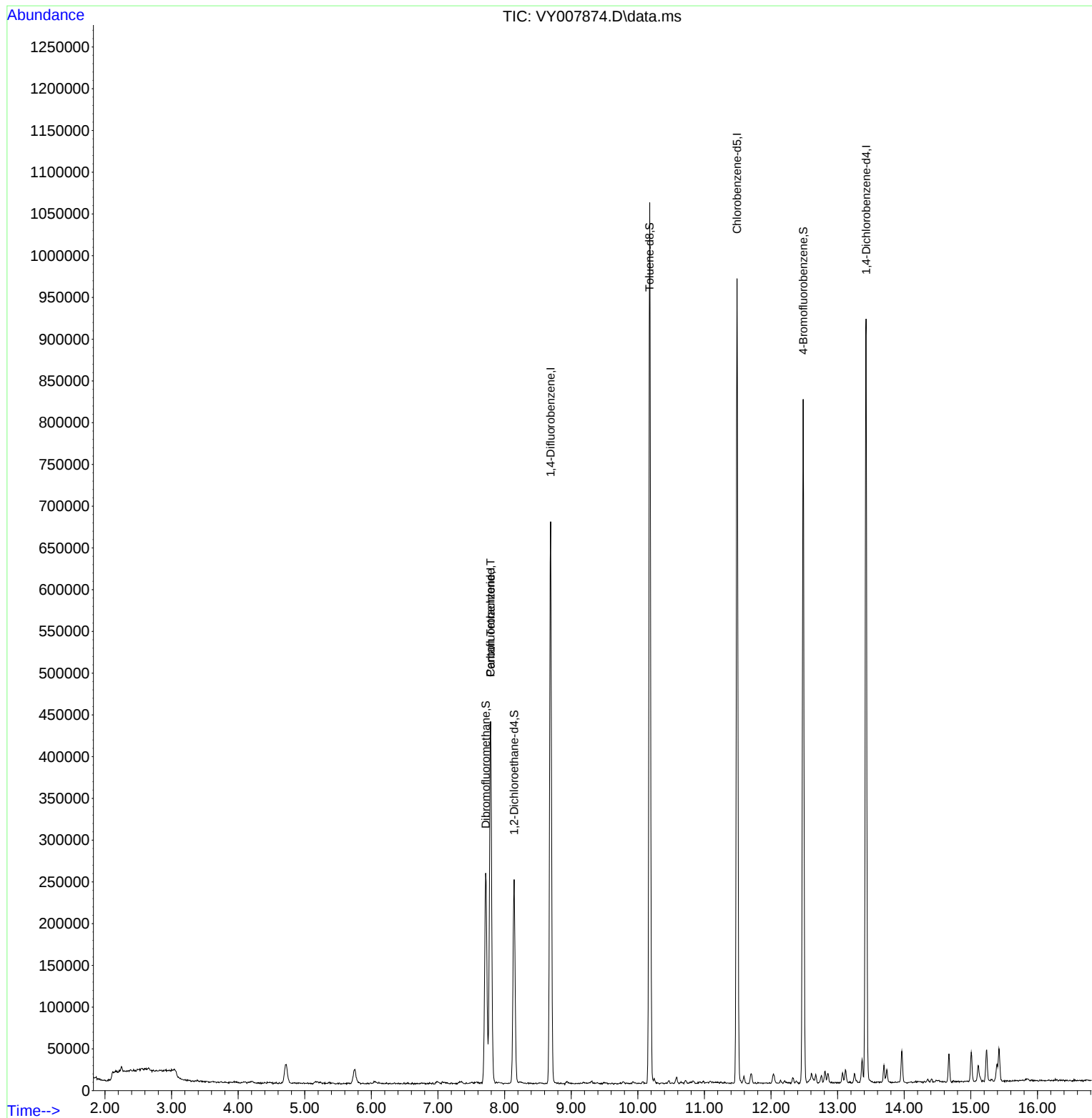
Internal Standards						
1) Pentafluorobenzene	7.789	168	345911	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	591936	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	532440	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	240144	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	181550	46.032	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.060%
35) Dibromofluoromethane	7.716	113	181707	43.710	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.420%
50) Toluene-d8	10.179	98	695317	56.119	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.240%
62) 4-Bromofluorobenzene	12.483	95	251877	42.217	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	462	Below Cal	#	43
3) Chloromethane	2.113	50	2573	Below Cal	#	79
4) Vinyl Chloride	2.253	62	213	Below Cal	#	25
5) Bromomethane	2.662	94	1666	Below Cal	#	75
17) Carbon Disulfide	4.198	76	1418	Below Cal	#	75
18) Methyl Acetate	4.485	43	487	Below Cal	#	56
20) Methylene Chloride	4.722	84	18494	Below Cal	#	75
31) Cyclohexane	7.850	56	269	Below Cal		88
38) Carbon Tetrachloride	7.789	117	33996	5.160 ug/l	#	16
39) Methylcyclohexane	9.185	83	612	Below Cal	#	72

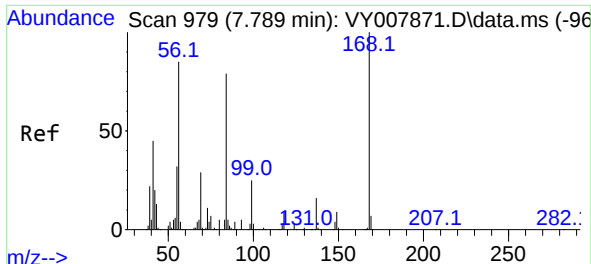
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031722\
Data File : VY007874.D
Acq On : 17 Mar 2022 12:39
Operator : SY/MD
Sample : BLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VBLK

Quant Time: Mar 17 13:44:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 17 13:43:11 2022
Response via : Initial Calibration

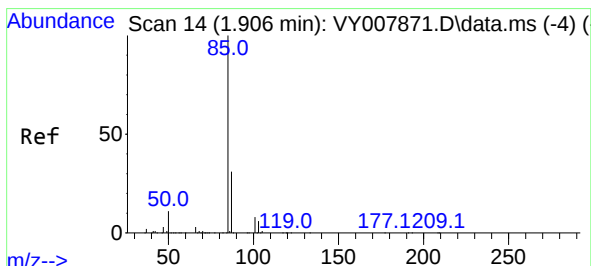
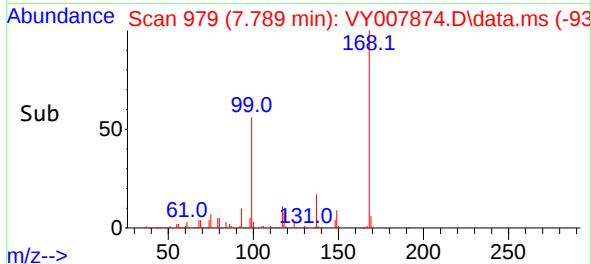
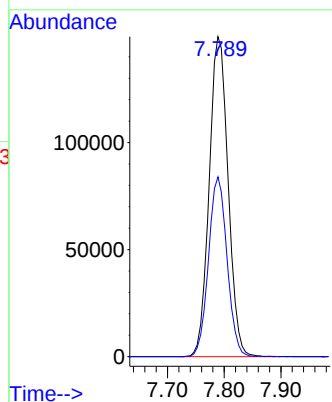
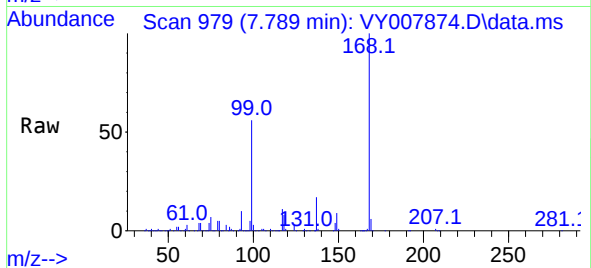




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007874.D
Acq: 17 Mar 2022 12:39

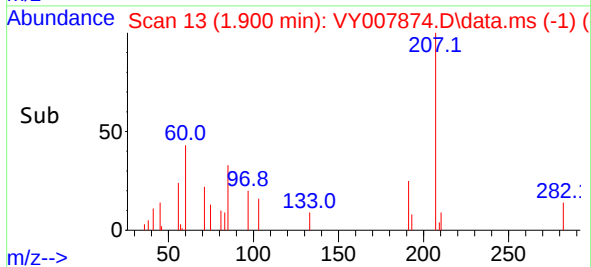
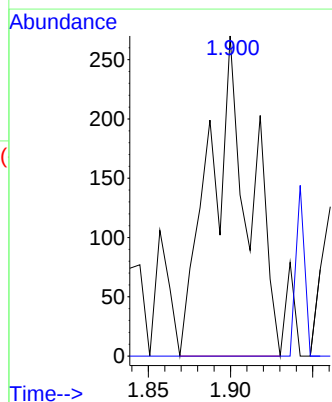
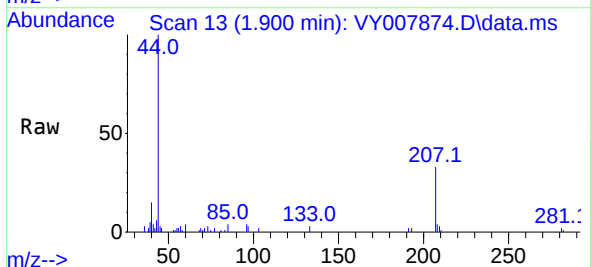
Instrument :
MSVOA_Y
ClientSampleId :
VBLK

Tgt Ion:168 Resp: 345911
Ion Ratio Lower Upper
168 100
99 56.2 46.9 70.3

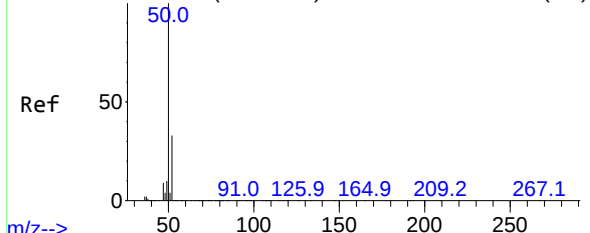


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY007874.D
Acq: 17 Mar 2022 12:39

Tgt Ion: 85 Resp: 462
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

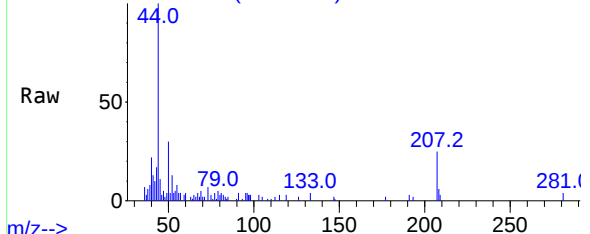


Abundance Scan 48 (2.113 min): VY007871.D\data.ms (-41)



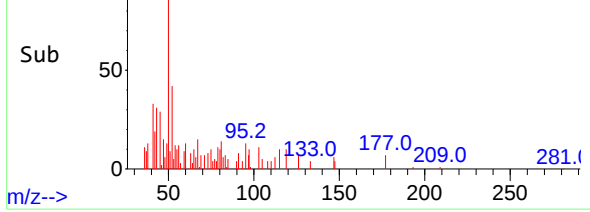
m/z-->

Abundance Scan 48 (2.113 min): VY007874.D\data.ms



m/z-->

Abundance Scan 48 (2.113 min): VY007874.D\data.ms (-1)



m/z-->

#3

Chloromethane

Concen: Below Cal

RT: 2.113 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY007874.D

Acq: 17 Mar 2022 12:39

Instrument :

MSVOA_Y

ClientSampleId :

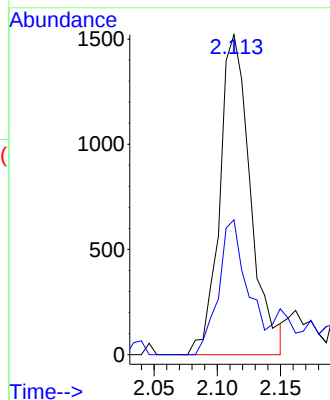
VBLK

Tgt Ion: 50 Resp: 2573

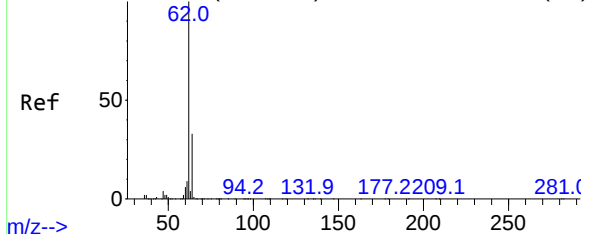
Ion Ratio Lower Upper

50 100

52 42.1 24.6 37.0#

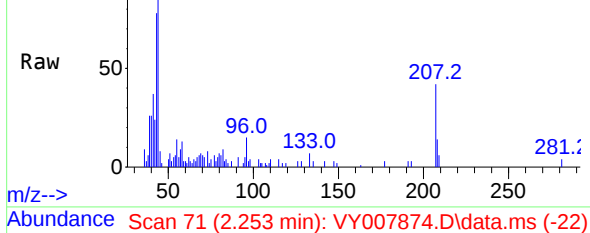


Abundance Scan 71 (2.253 min): VY007871.D\data.ms (-64)



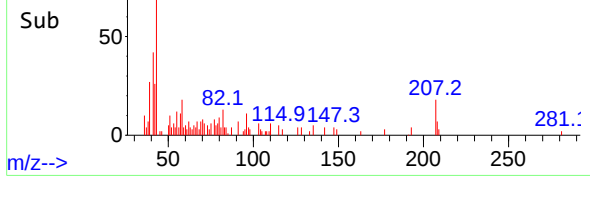
m/z-->

Abundance Scan 71 (2.253 min): VY007874.D\data.ms



m/z-->

Abundance Scan 71 (2.253 min): VY007874.D\data.ms (-22)



m/z-->

#4

Vinyl Chloride

Concen: Below Cal

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY007874.D

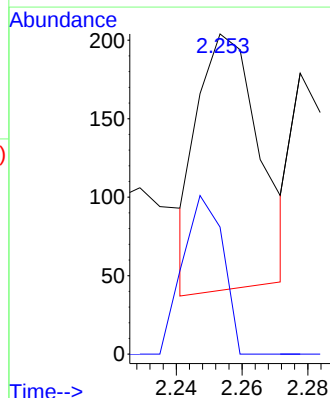
Acq: 17 Mar 2022 12:39

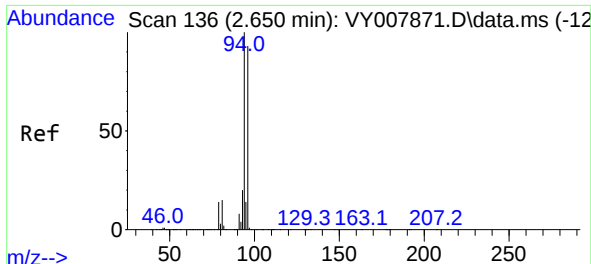
Tgt Ion: 62 Resp: 213

Ion Ratio Lower Upper

62 100

64 73.0 25.0 37.6#

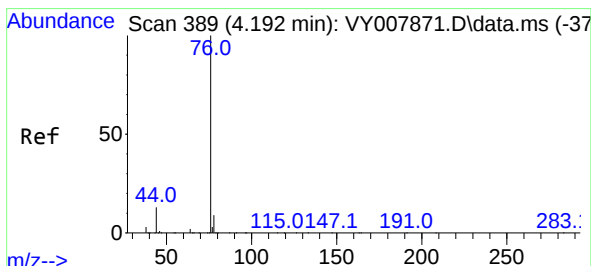
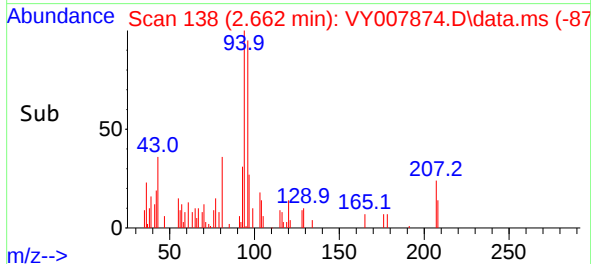
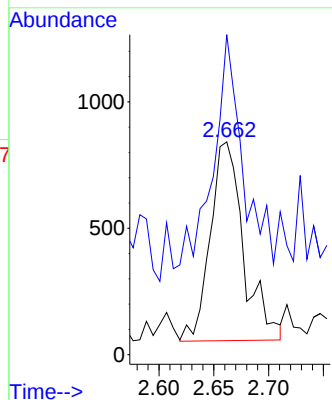
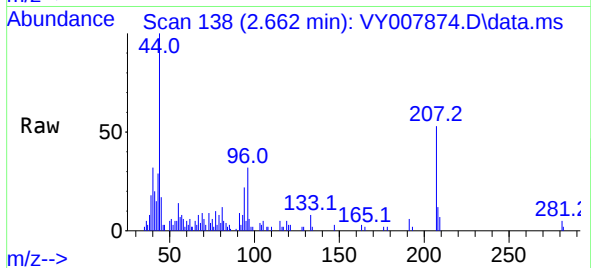




#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY007874.D
Acq: 17 Mar 2022 12:39

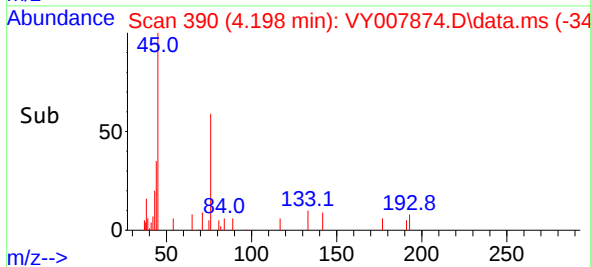
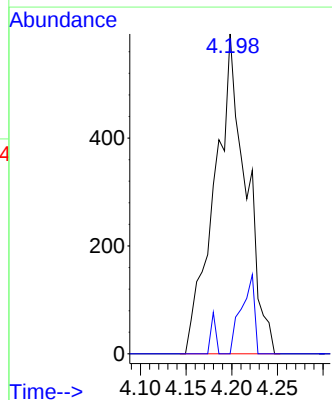
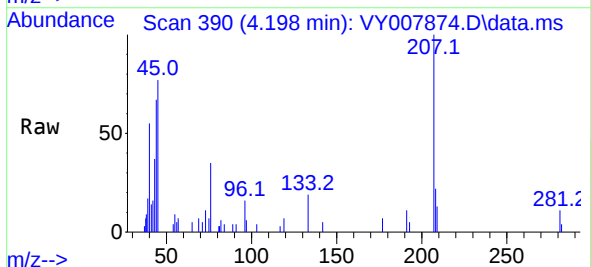
Instrument :
MSVOA_Y
ClientSampleId :
VBLK

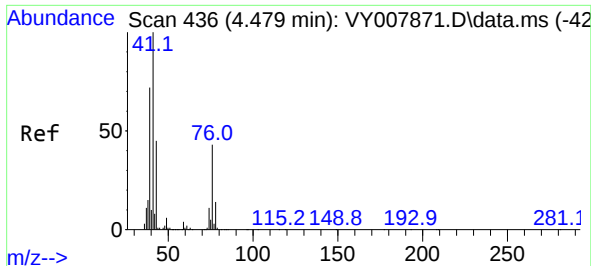
Tgt Ion: 94 Resp: 1666
Ion Ratio Lower Upper
94 100
96 116.2 73.5 110.3#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY007874.D
Acq: 17 Mar 2022 12:39

Tgt Ion: 76 Resp: 1418
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.485 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY007874.D

Acq: 17 Mar 2022 12:39

Instrument :

MSVOA_Y

ClientSampleId :

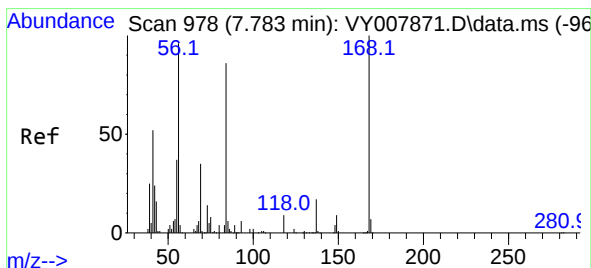
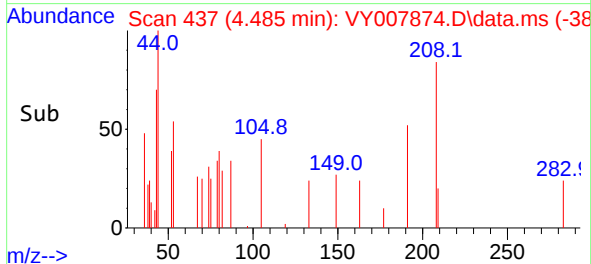
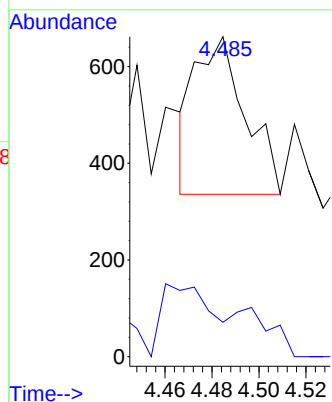
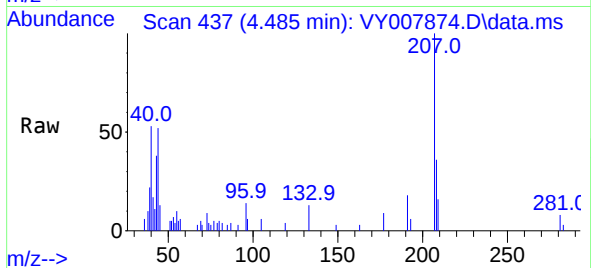
VBLK

Tgt Ion: 43 Resp: 487

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



#31

Cyclohexane

Concen: Below Cal

RT: 7.850 min Scan# 989

Delta R.T. 0.067 min

Lab File: VY007874.D

Acq: 17 Mar 2022 12:39

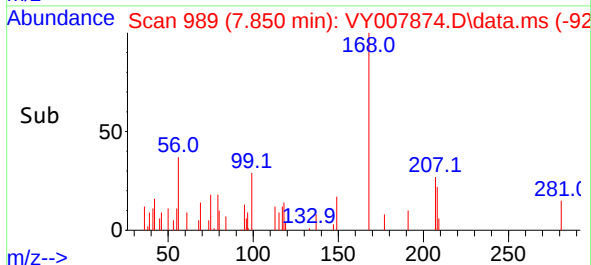
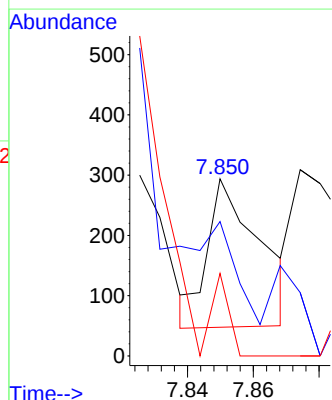
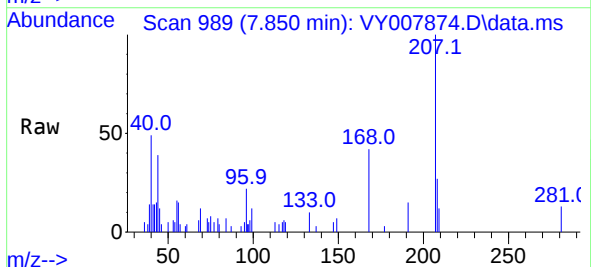
Tgt Ion: 56 Resp: 269

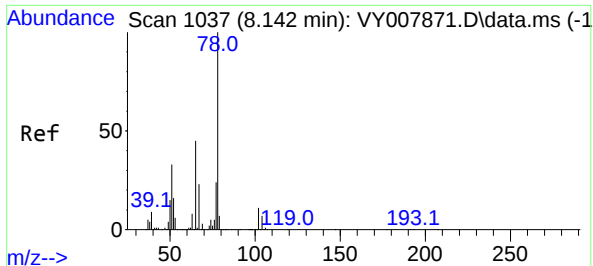
Ion Ratio Lower Upper

56 100

69 37.8 26.7 40.1

84 71.0 67.2 100.8





#33

1,2-Dichloroethane-d4

Concen: 46.032 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY007874.D

Acq: 17 Mar 2022 12:39

Instrument :

MSVOA_Y

ClientSampleId :

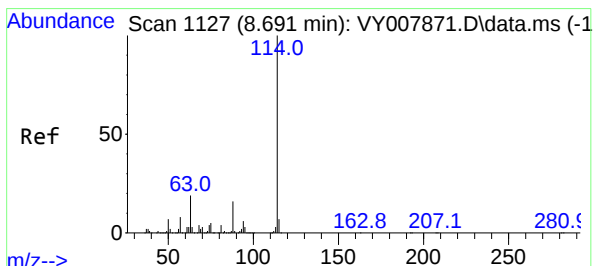
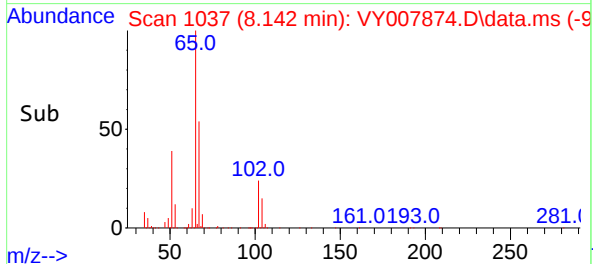
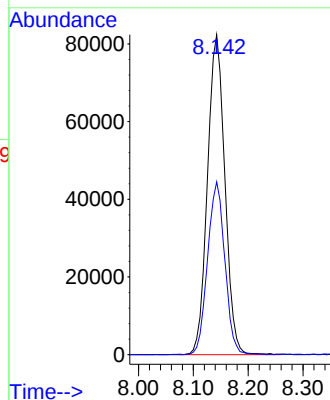
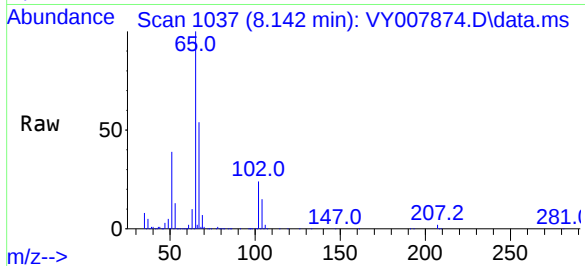
VBLK

Tgt Ion: 65 Resp: 181550

Ion Ratio Lower Upper

65 100

67 53.4 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007874.D

Acq: 17 Mar 2022 12:39

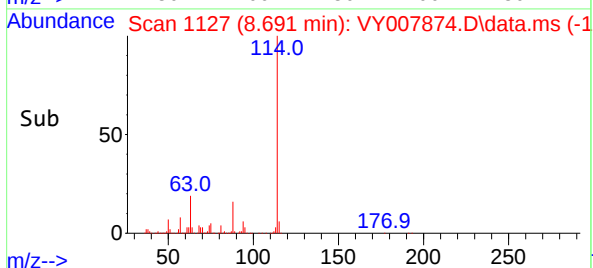
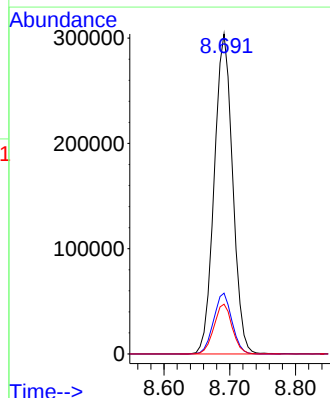
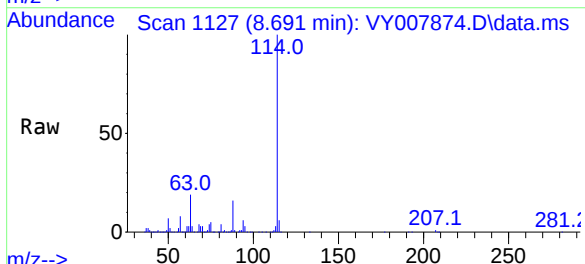
Tgt Ion: 114 Resp: 591936

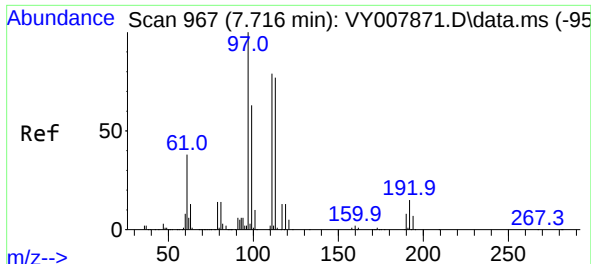
Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

88 15.6 0.0 31.8

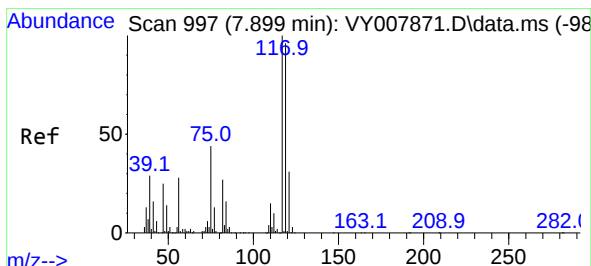
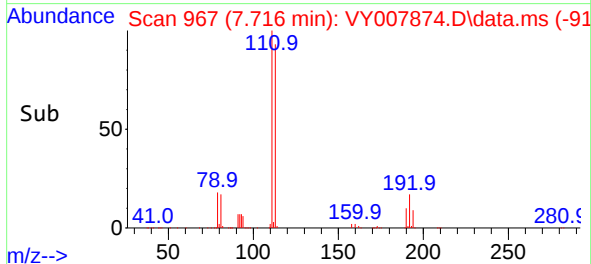
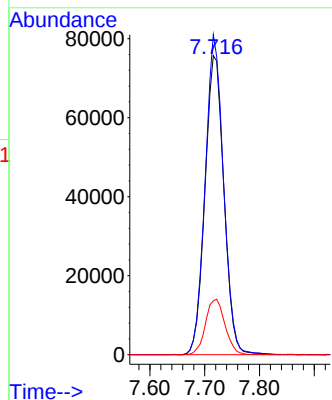
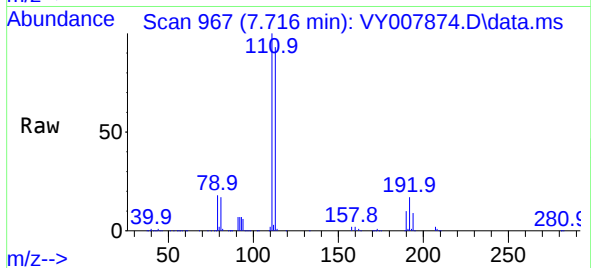




#35
Dibromofluoromethane
Concen: 43.710 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY007874.D
Acq: 17 Mar 2022 12:39

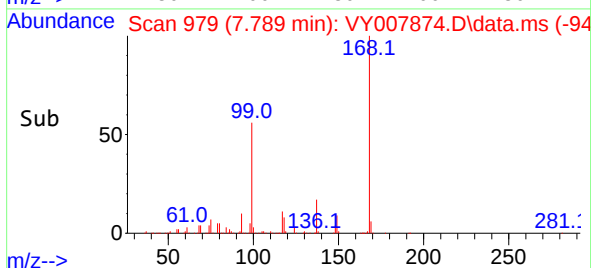
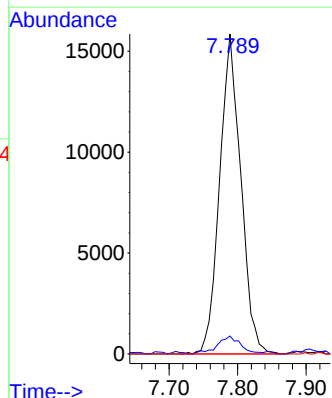
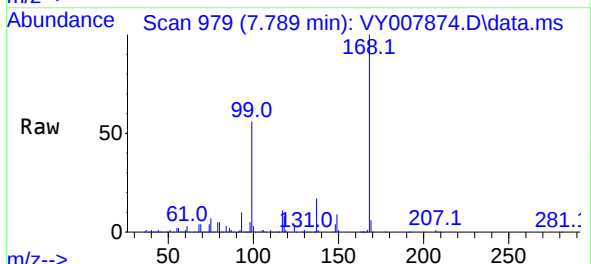
Instrument :
MSVOA_Y
ClientSampleId :
VBLK

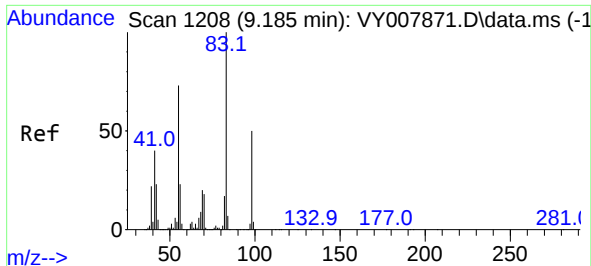
Tgt Ion:113 Resp: 181707
Ion Ratio Lower Upper
113 100
111 103.8 82.6 124.0
192 19.0 17.6 26.4



#38
Carbon Tetrachloride
Concen: 5.160 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY007874.D
Acq: 17 Mar 2022 12:39

Tgt Ion:117 Resp: 33996
Ion Ratio Lower Upper
117 100
119 5.6 77.9 116.9#
121 0.0 24.8 37.2#

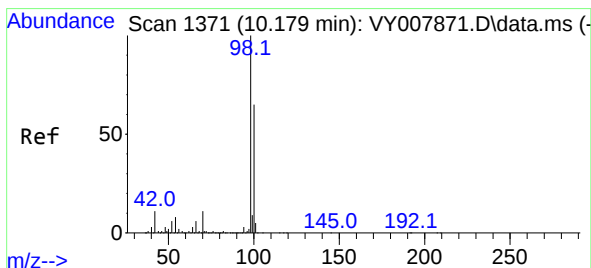
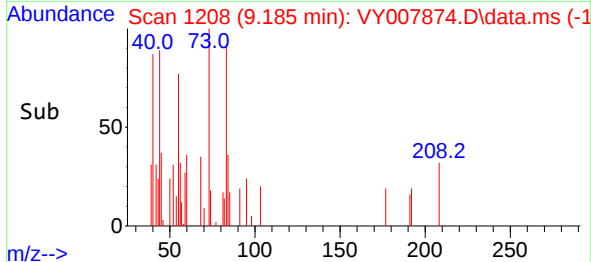
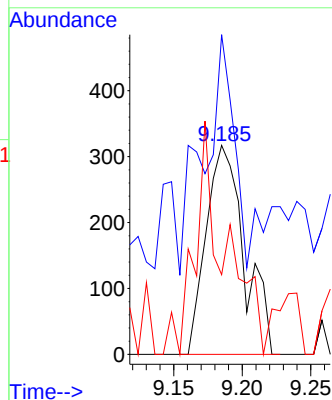
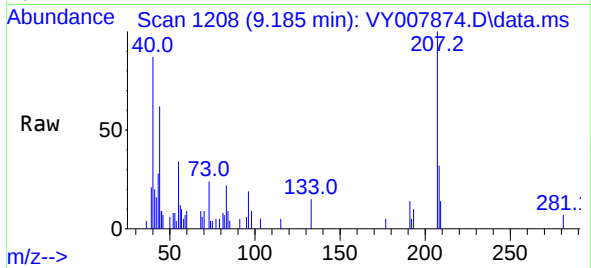




#39
Methylcyclohexane
Concen: Below Cal
RT: 9.185 min Scan# 1208
Delta R.T. -0.000 min
Lab File: VY007874.D
Acq: 17 Mar 2022 12:39

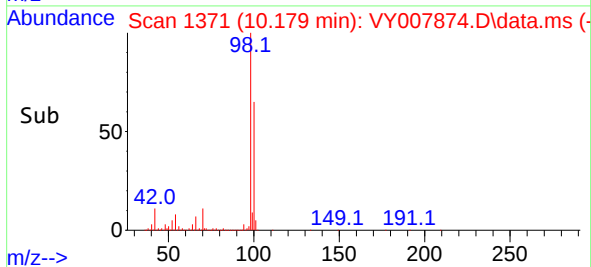
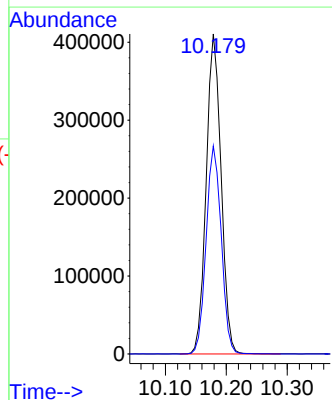
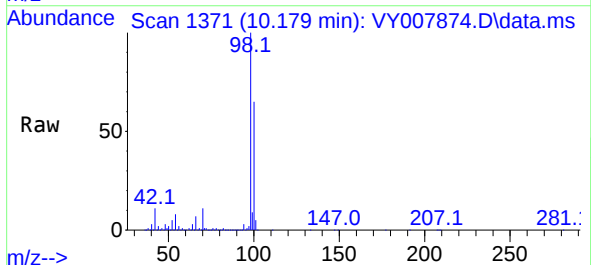
Instrument :
MSVOA_Y
ClientSampleId :
VBLK

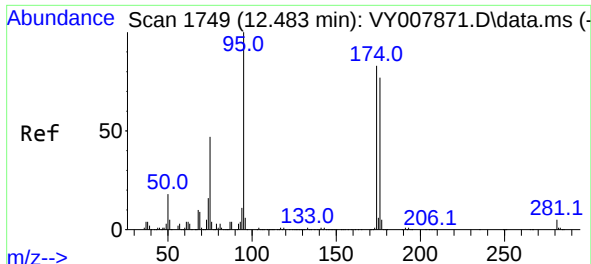
Tgt Ion: 83 Resp: 612
Ion Ratio Lower Upper
83 100
55 115.1 66.5 99.7#
98 38.2 37.9 56.9



#50
Toluene-d8
Concen: 56.119 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007874.D
Acq: 17 Mar 2022 12:39

Tgt Ion: 98 Resp: 695317
Ion Ratio Lower Upper
98 100
100 66.0 50.2 75.2

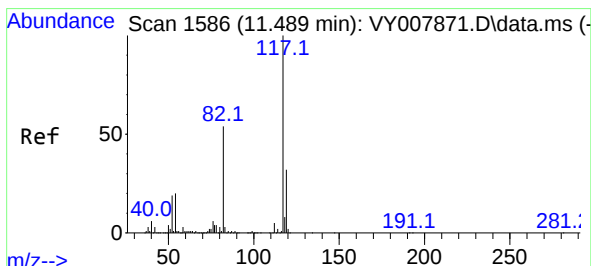
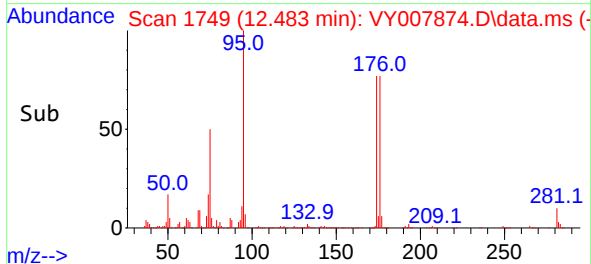
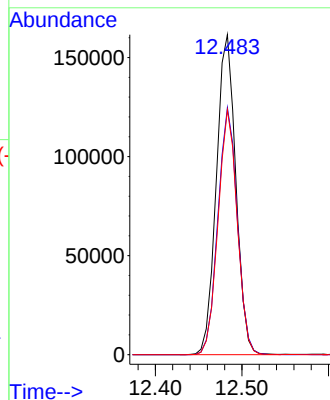
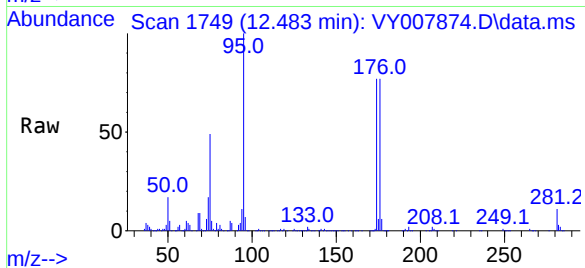




#62
4-Bromofluorobenzene
Concen: 42.217 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007874.D
Acq: 17 Mar 2022 12:39

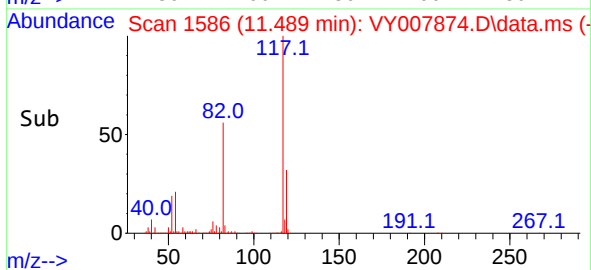
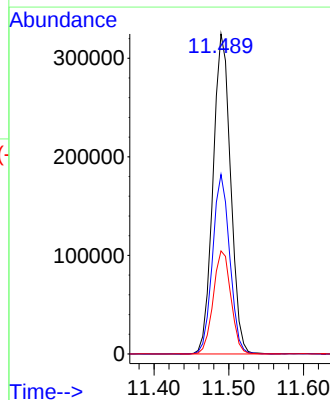
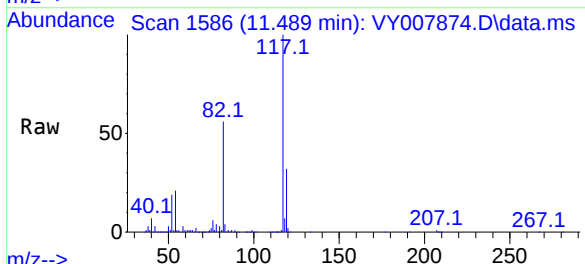
Instrument :
MSVOA_Y
ClientSampleId :
VBLK

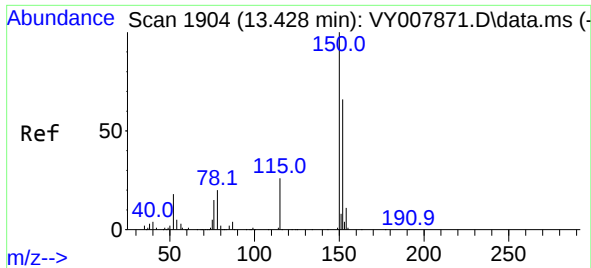
Tgt Ion: 95 Resp: 251877
Ion Ratio Lower Upper
95 100
174 76.8 0.0 177.0
176 75.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007874.D
Acq: 17 Mar 2022 12:39

Tgt Ion: 117 Resp: 532440
Ion Ratio Lower Upper
117 100
82 56.1 43.0 64.4
119 32.2 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY007874.D
 Acq: 17 Mar 2022 12:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VBLK

Tgt Ion:152 Resp: 240144
 Ion Ratio Lower Upper
 152 100
 115 58.0 28.2 84.7
 150 155.9 0.0 347.6

