

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090322\
 Data File : VY010317.D
 Acq On : 03 Sep 2022 14:01
 Operator : KP/MD
 Sample : VY0903SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0903SBL01

Quant Time: Sep 05 04:18:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	275817	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	451404	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	423726	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	194829	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	146259	51.715	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.420%
35) Dibromofluoromethane	7.710	113	136708	45.492	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.980%
50) Toluene-d8	10.179	98	539918	53.664	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.320%
62) 4-Bromofluorobenzene	12.477	95	188086	46.200	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.400%

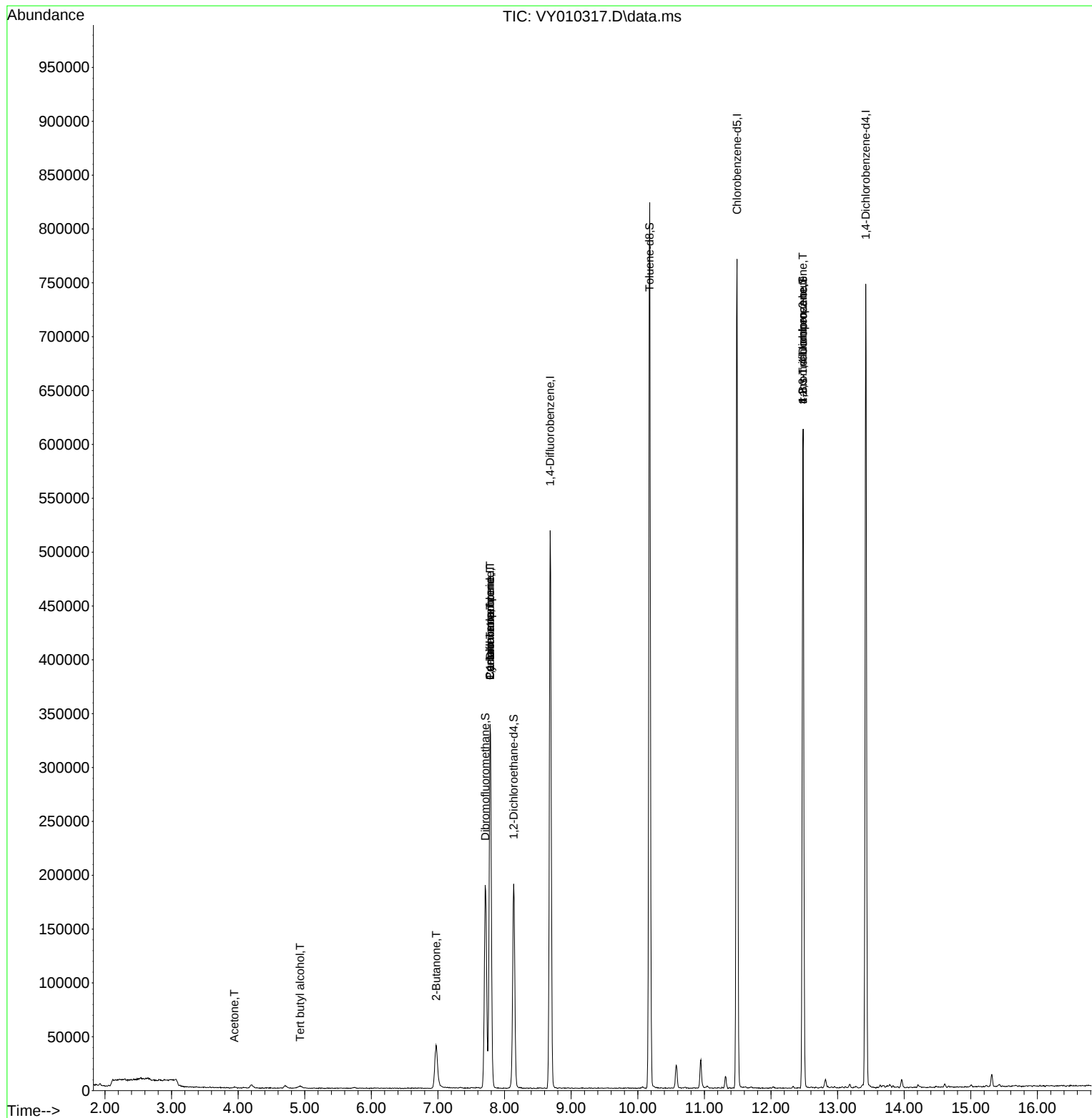
Target Compounds					Qvalue	
5) Bromomethane	2.668	94	667	Below Cal	#	49
11) Tert butyl alcohol	4.930	59	2860	8.453	ug/l #	77
16) Acetone	3.942	43	1316	1.861	ug/l	98
25) 2-Butanone	6.972	43	2264	1.951	ug/l #	82
31) Cyclohexane	7.783	56	5625	1.020	ug/l #	10
36) 1,1-Dichloropropene	7.783	75	19788	4.488	ug/l #	50
38) Carbon Tetrachloride	7.783	117	26280	5.783	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	95213	41.066	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	95213	85.668	ug/l #	7

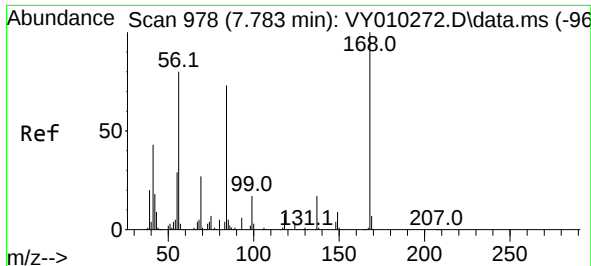
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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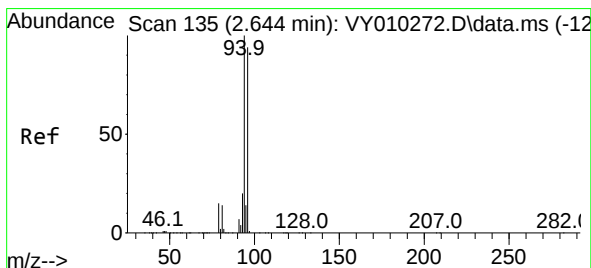
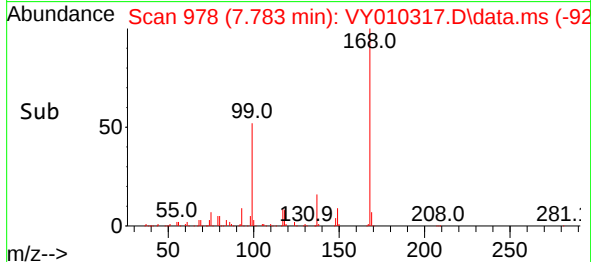
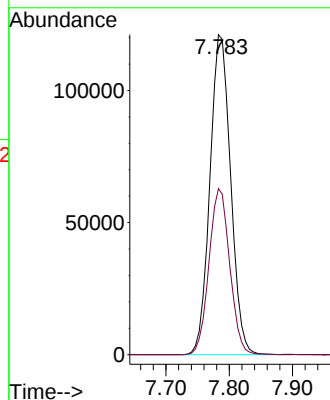
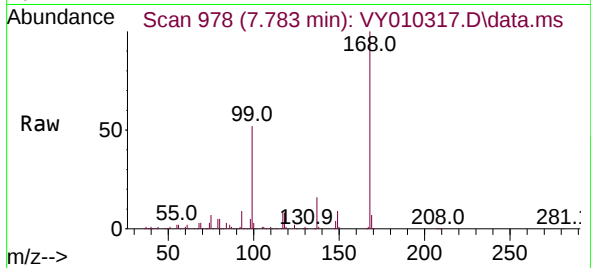




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010317.D
Acq: 03 Sep 2022 14:01

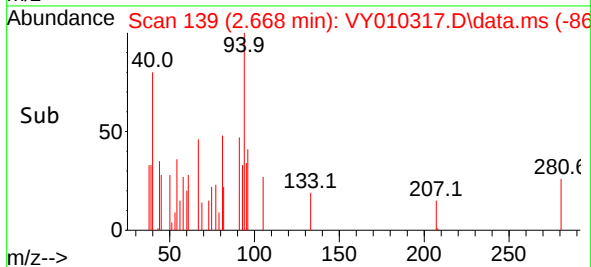
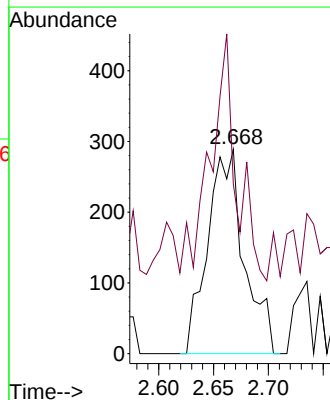
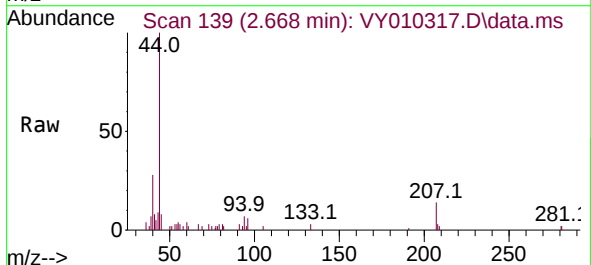
Instrument :
MSVOA_Y
ClientSampleId :
VY0903SBL01

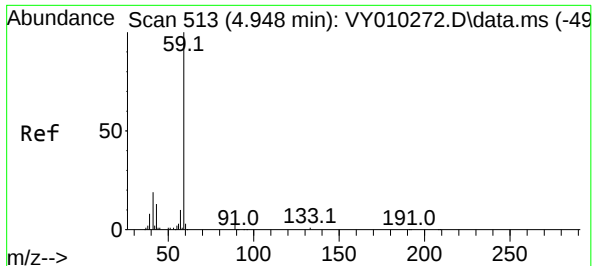
Tgt Ion:168 Resp: 275817
Ion Ratio Lower Upper
168 100
99 51.9 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 139
Delta R.T. 0.024 min
Lab File: VY010317.D
Acq: 03 Sep 2022 14:01

Tgt Ion: 94 Resp: 667
Ion Ratio Lower Upper
94 100
96 43.6 73.5 110.3#





#11

Tert butyl alcohol

Concen: 8.453 ug/l

RT: 4.930 min Scan# 513

Delta R.T. -0.018 min

Lab File: VY010317.D

Acq: 03 Sep 2022 14:01

Instrument :

MSVOA_Y

ClientSampleId :

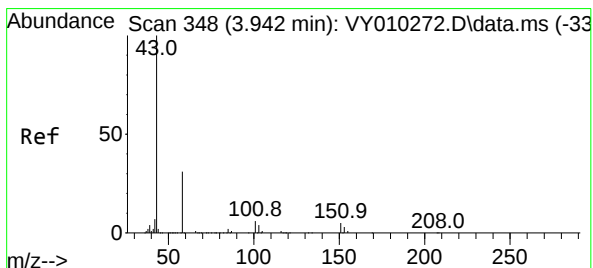
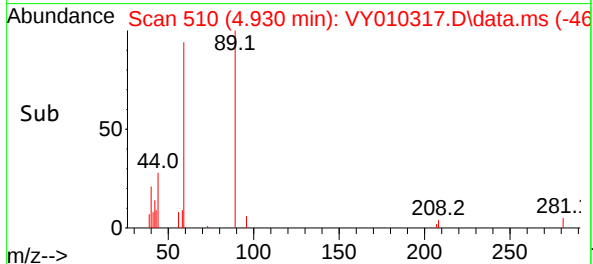
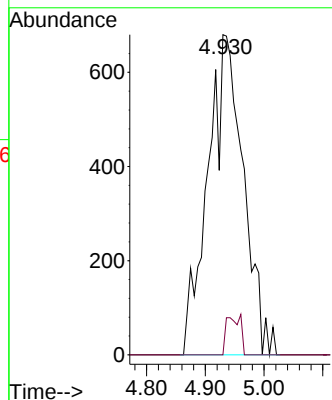
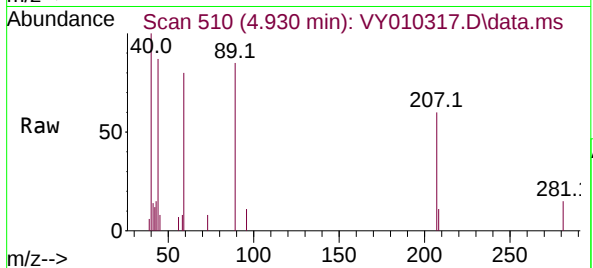
VY0903SBL01

Tgt Ion: 59 Resp: 2860

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 1.861 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.000 min

Lab File: VY010317.D

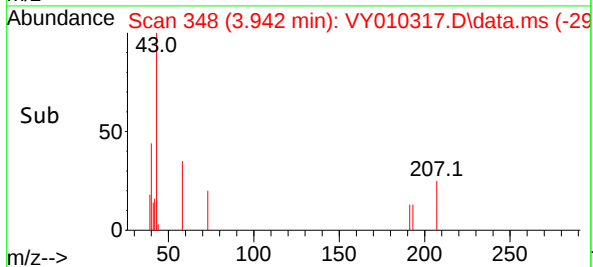
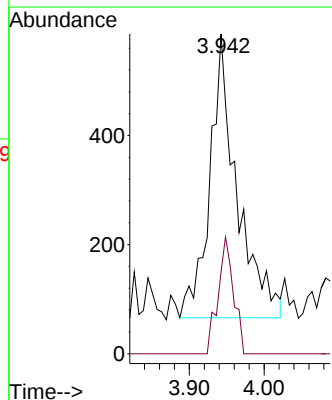
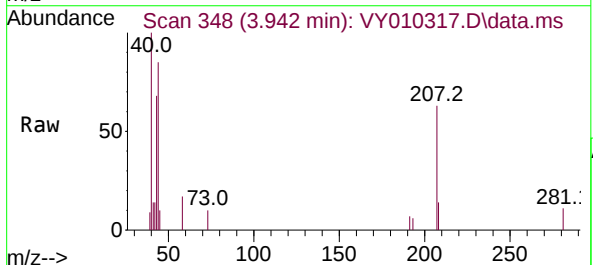
Acq: 03 Sep 2022 14:01

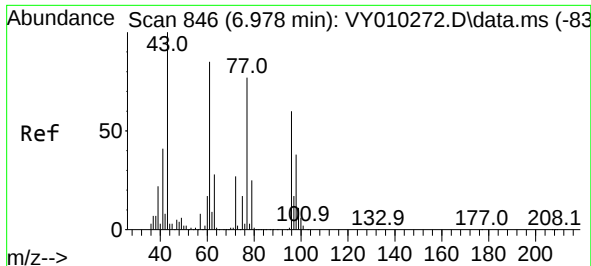
Tgt Ion: 43 Resp: 1316

Ion Ratio Lower Upper

43 100

58 28.7 22.0 33.0

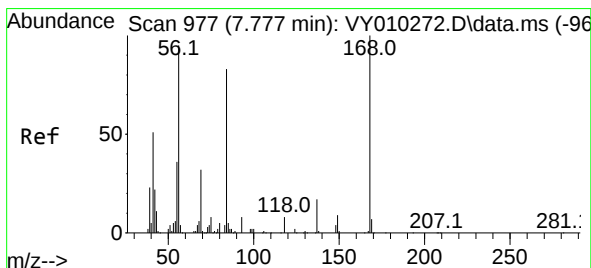
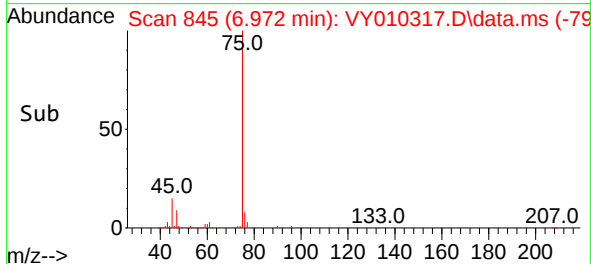
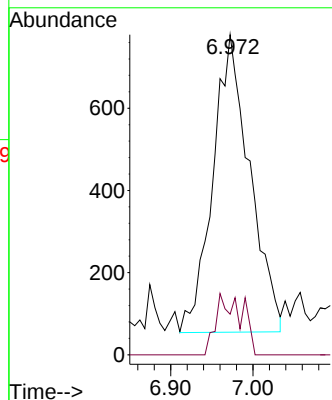
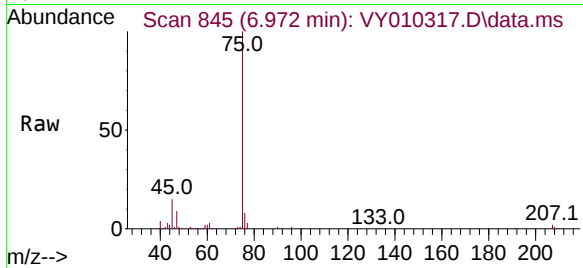




#25
2-Butanone
Concen: 1.951 ug/l
RT: 6.972 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY010317.D
Acq: 03 Sep 2022 14:01

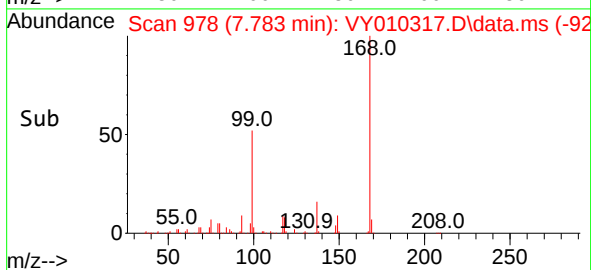
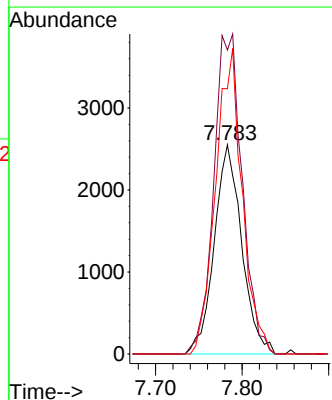
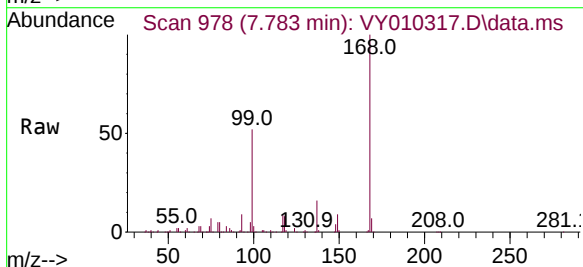
Instrument :
MSVOA_Y
ClientSampleId :
VY0903SBL01

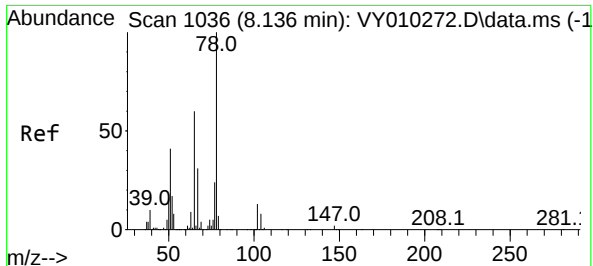
Tgt Ion: 43 Resp: 2264
Ion Ratio Lower Upper
43 100
72 13.7 17.7 26.5#



#31
Cyclohexane
Concen: 1.020 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.006 min
Lab File: VY010317.D
Acq: 03 Sep 2022 14:01

Tgt Ion: 56 Resp: 5625
Ion Ratio Lower Upper
56 100
69 145.3 26.7 40.1#
84 126.8 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 51.715 ug/l

RT: 8.137 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY010317.D

Acq: 03 Sep 2022 14:01

Instrument :

MSVOA_Y

ClientSampleId :

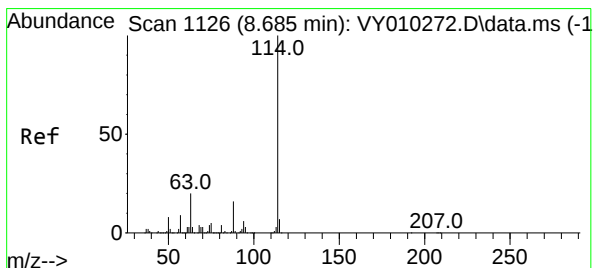
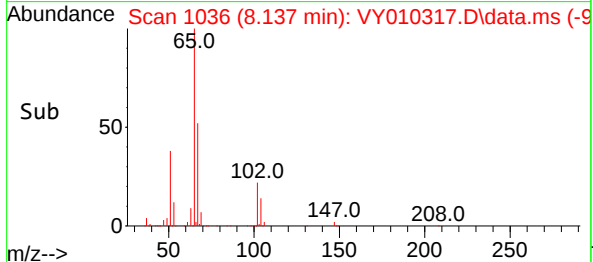
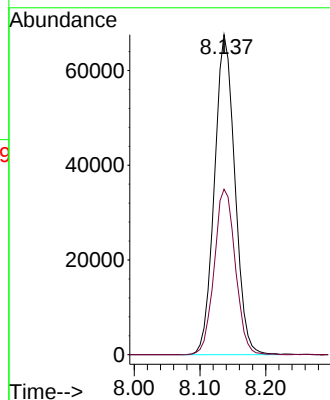
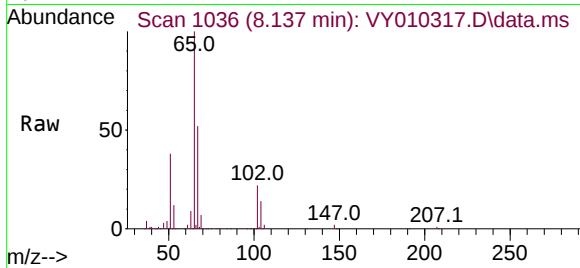
VY0903SBL01

Tgt Ion: 65 Resp: 146259

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# 1126

Delta R.T. 0.000 min

Lab File: VY010317.D

Acq: 03 Sep 2022 14:01

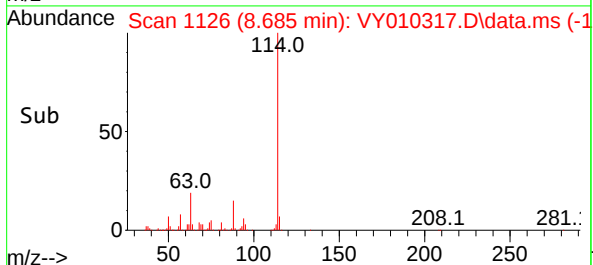
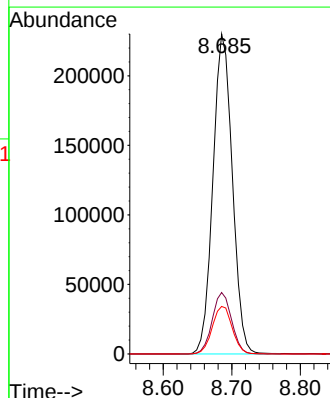
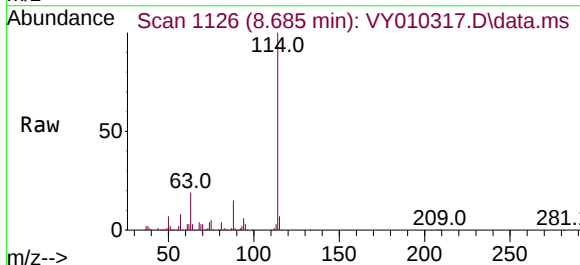
Tgt Ion:114 Resp: 451404

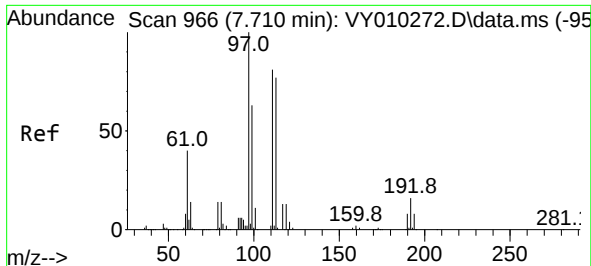
Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 14.9 0.0 31.8

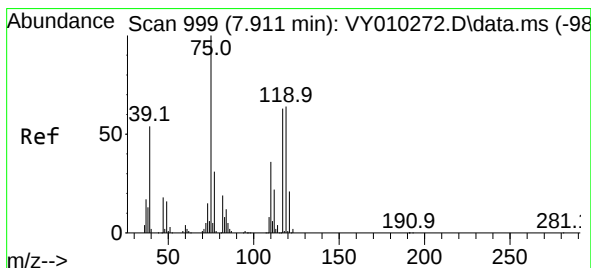
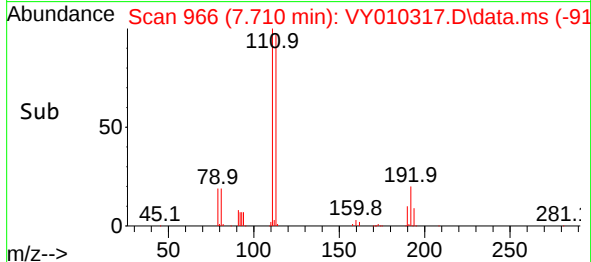
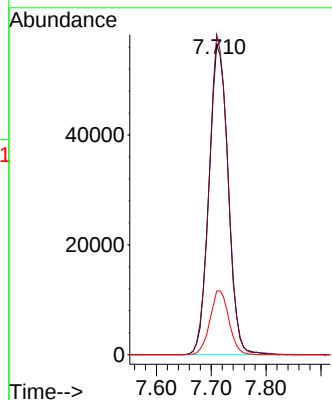
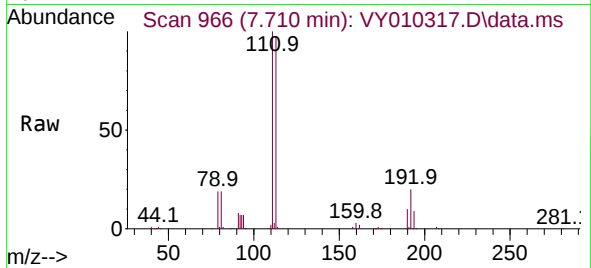




#35
Dibromofluoromethane
Concen: 45.492 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY010317.D
Acq: 03 Sep 2022 14:01

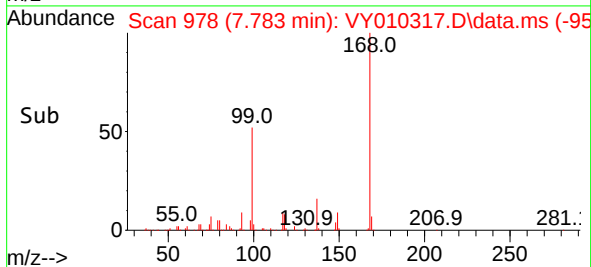
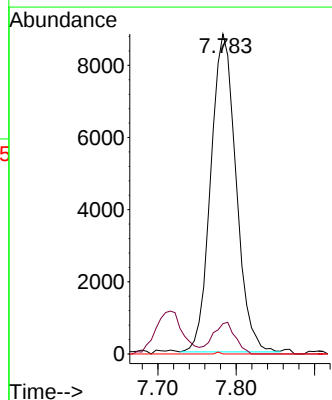
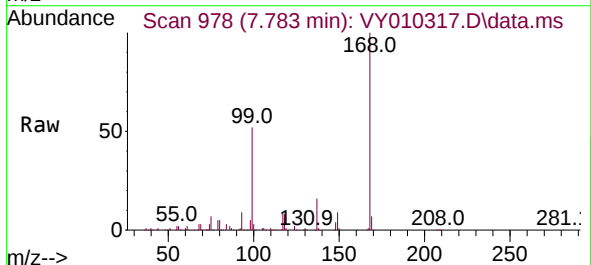
Instrument :
MSVOA_Y
ClientSampleId :
VY0903SBL01

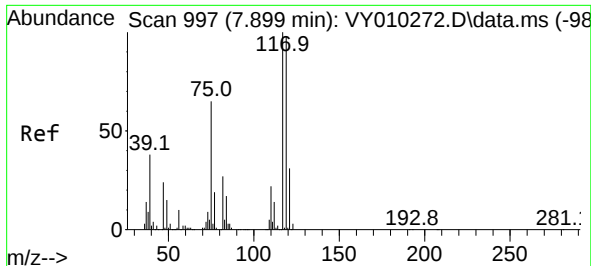
Tgt Ion:113 Resp: 136708
Ion Ratio Lower Upper
113 100
111 101.5 82.6 124.0
192 20.4 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.488 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY010317.D
Acq: 03 Sep 2022 14:01

Tgt Ion: 75 Resp: 19788
Ion Ratio Lower Upper
75 100
110 8.8 17.1 51.2#
77 0.1 24.4 36.6#

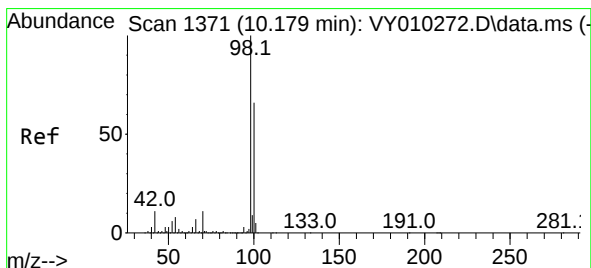
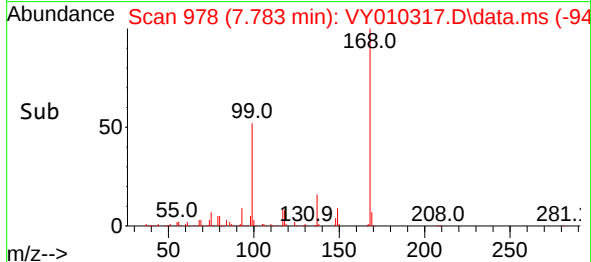
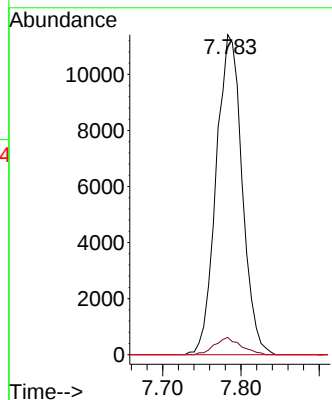
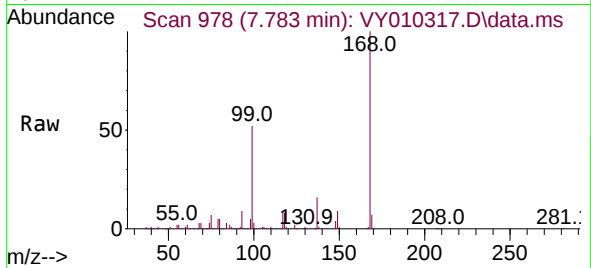




#38
Carbon Tetrachloride
Concen: 5.783 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY010317.D
Acq: 03 Sep 2022 14:01

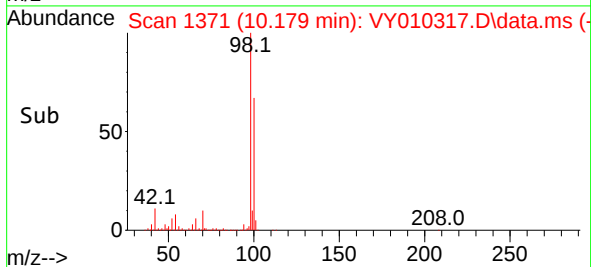
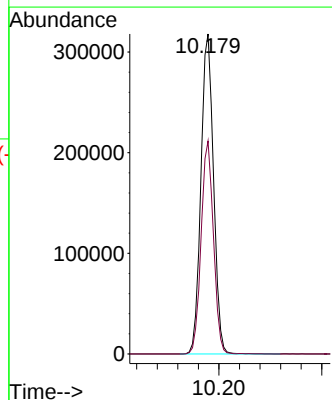
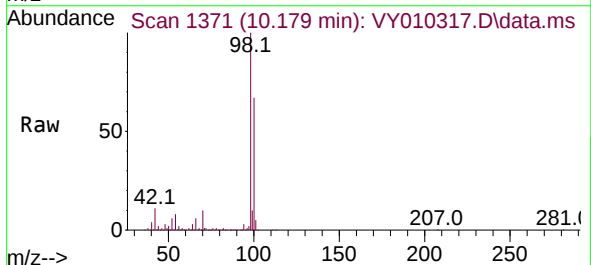
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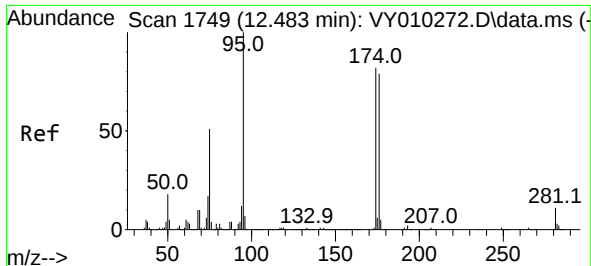
Tgt Ion:117 Resp: 26280
Ion Ratio Lower Upper
117 100
119 5.4 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.664 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010317.D
Acq: 03 Sep 2022 14:01

Tgt Ion: 98 Resp: 539918
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2

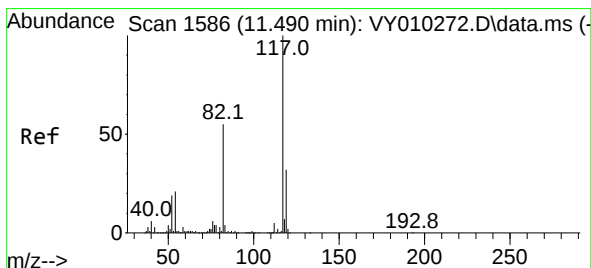
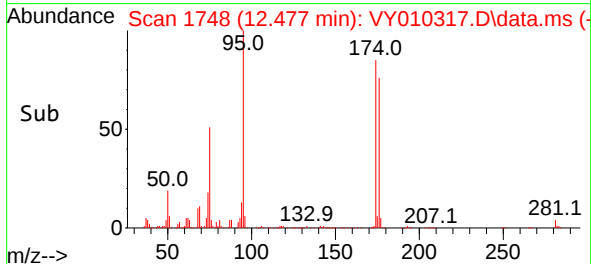
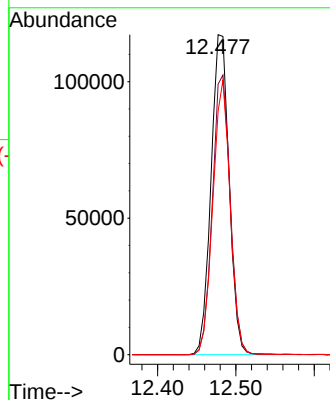
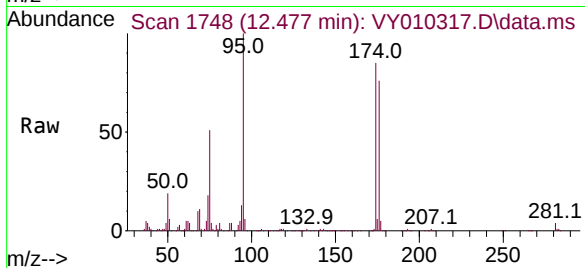




#62
4-Bromofluorobenzene
Concen: 46.200 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010317.D
Acq: 03 Sep 2022 14:01

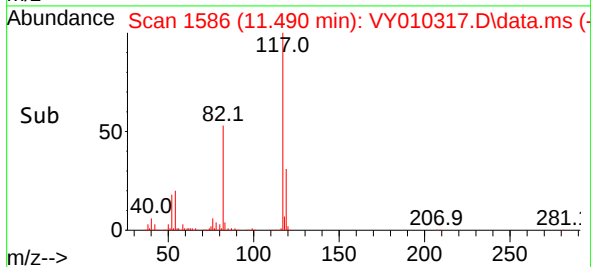
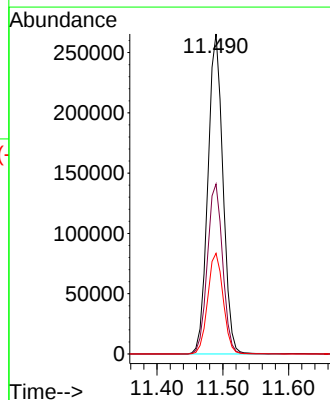
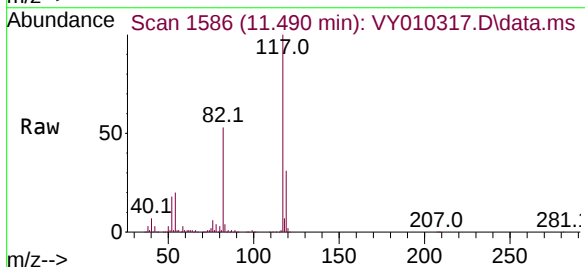
Instrument :
MSVOA_Y
ClientSampleId :
VY0903SBL01

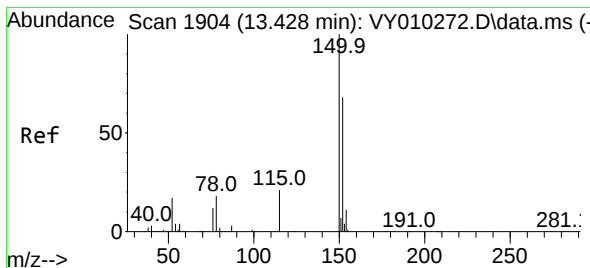
Tgt Ion: 95 Resp: 188086
Ion Ratio Lower Upper
95 100
174 86.3 0.0 177.0
176 82.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010317.D
Acq: 03 Sep 2022 14:01

Tgt Ion: 117 Resp: 423726
Ion Ratio Lower Upper
117 100
82 53.1 43.0 64.4
119 31.4 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY010317.D

Acq: 03 Sep 2022 14:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0903SBL01

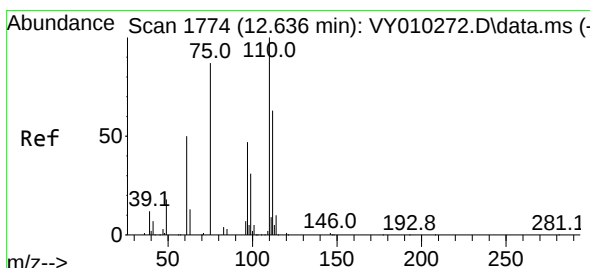
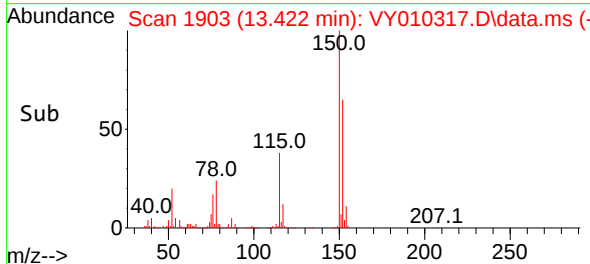
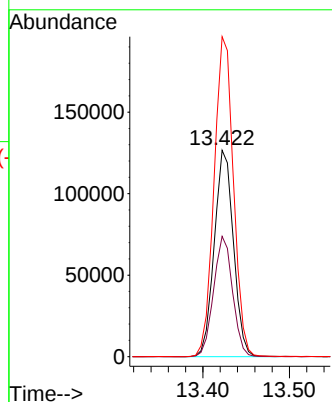
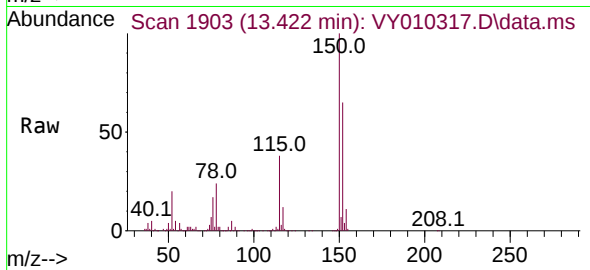
Tgt Ion:152 Resp: 194829

Ion Ratio Lower Upper

152 100

115 57.5 28.2 84.7

150 156.5 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 41.066 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.159 min

Lab File: VY010317.D

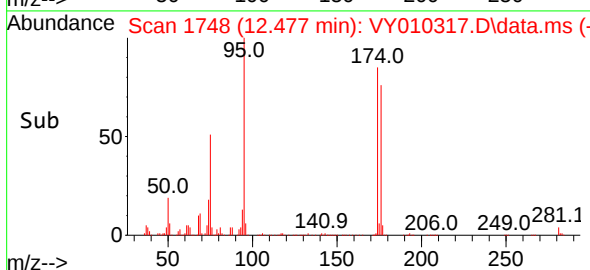
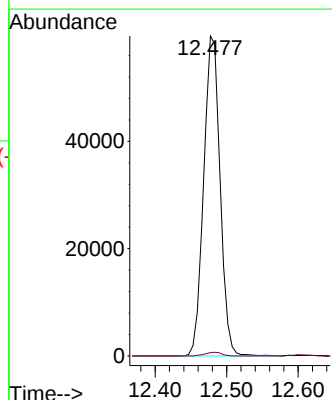
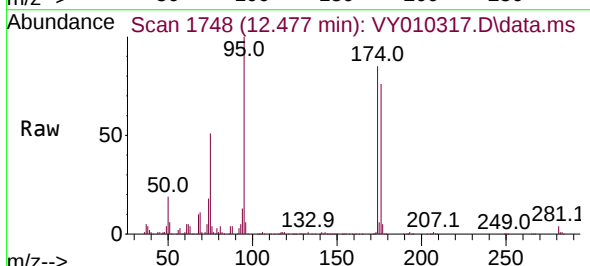
Acq: 03 Sep 2022 14:01

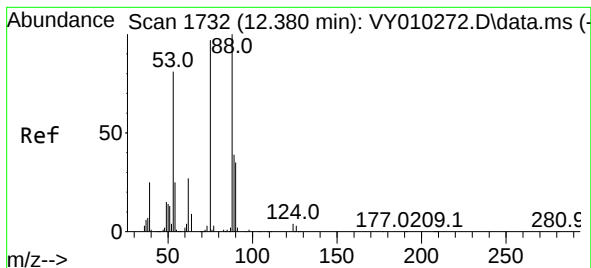
Tgt Ion: 75 Resp: 95213

Ion Ratio Lower Upper

75 100

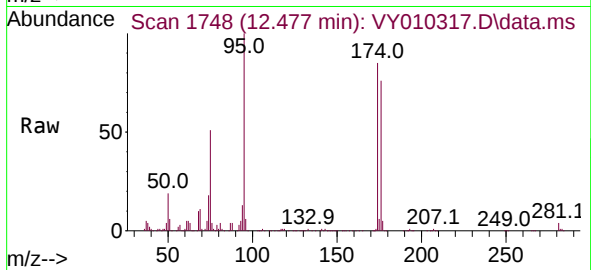
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.668 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY010317.D
 Acq: 03 Sep 2022 14:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0903SBL01



Tgt Ion: 75 Resp: 95213
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

