

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
 Data File : VY008611.D
 Acq On : 04 May 2022 14:50
 Operator : KP/MD
 Sample : N2619-04
 Misc : 5.90g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB02-13-14-FT

Quant Time: May 05 04:35:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 01:57:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	97526	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	168712	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	169593	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	83369	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	48574	51.245	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.480%
35) Dibromofluoromethane	7.716	113	52236	46.791	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.580%
50) Toluene-d8	10.179	98	196832	49.767	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.540%
62) 4-Bromofluorobenzene	12.483	95	70586	48.693	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.380%

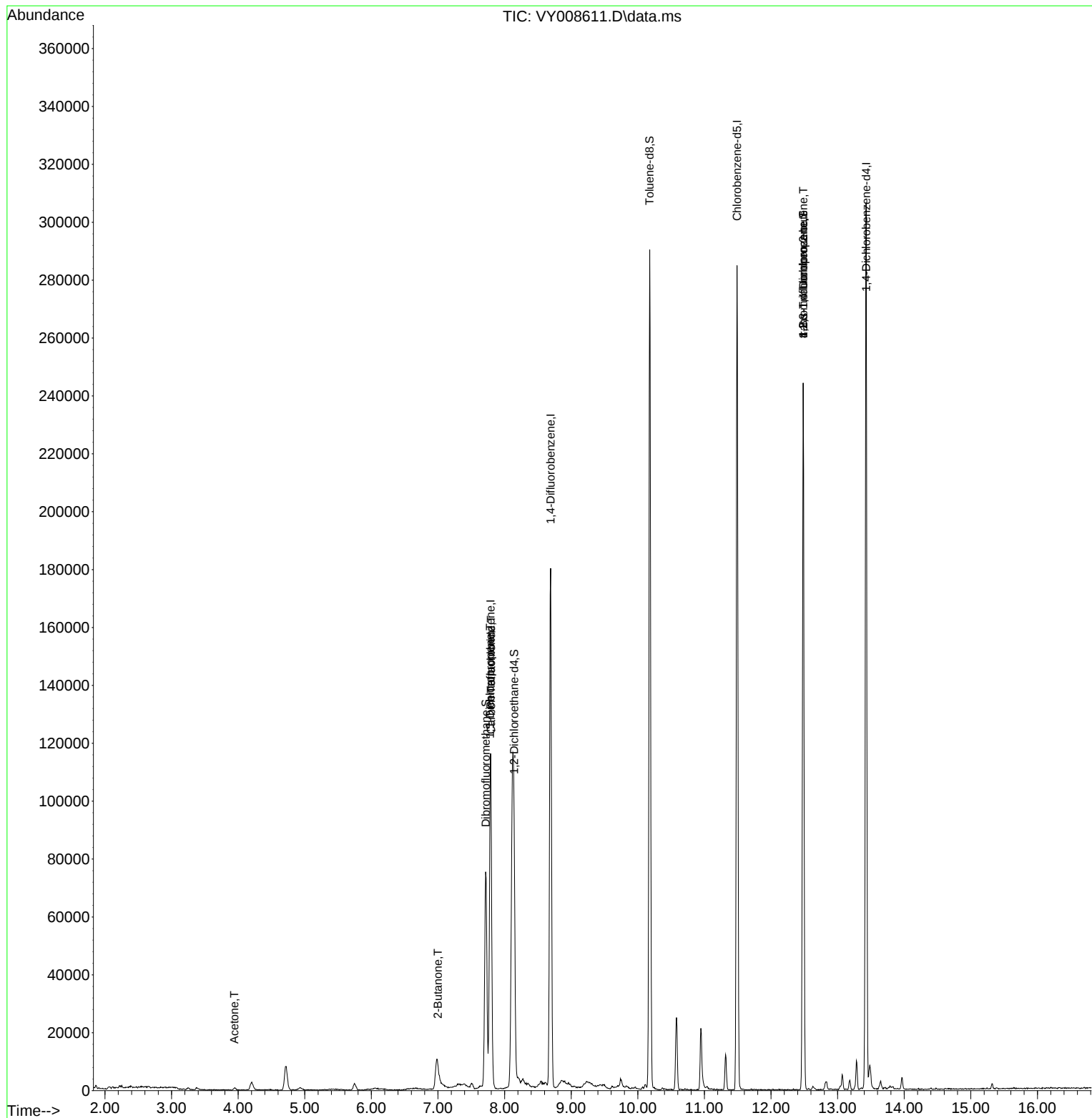
Target Compounds					Qvalue
5) Bromomethane	2.668	94	237	Below Cal	# 71
11) Tert butyl alcohol	4.924	59	960	Below Cal	# 77
16) Acetone	3.942	43	1287	6.302	ug/l 93
18) Methyl Acetate	4.479	43	178	Below Cal	# 56
20) Methylene Chloride	4.722	84	6914	Below Cal	# 77
25) 2-Butanone	6.996	43	642	1.958	ug/l # 54
36) 1,1-Dichloropropene	7.783	75	6853	3.948	ug/l # 42
38) Carbon Tetrachloride	7.795	117	8661	4.373	ug/l # 14
76) 1,2,3-Trichloropropane	12.483	75	34811	39.116	ug/l # 100
81) trans-1,4-Dichloro-2-b...	12.483	75	34811	79.304	ug/l # 7

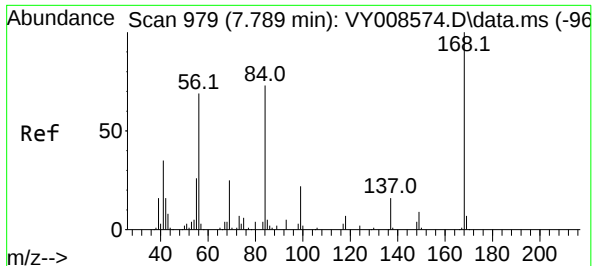
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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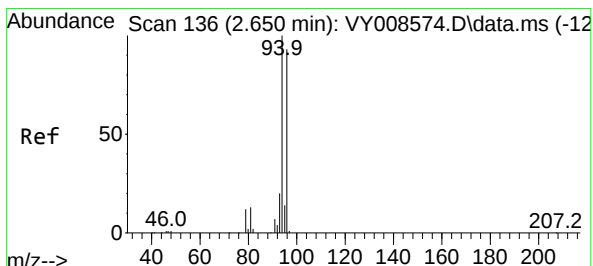
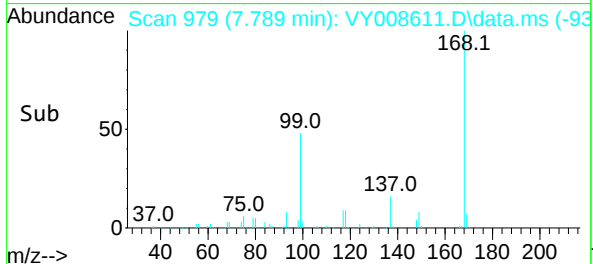
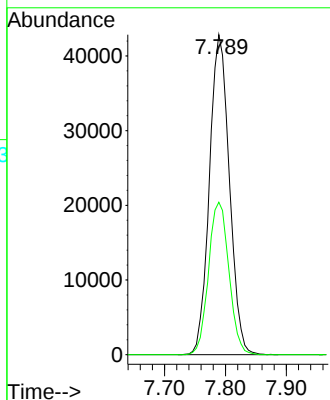
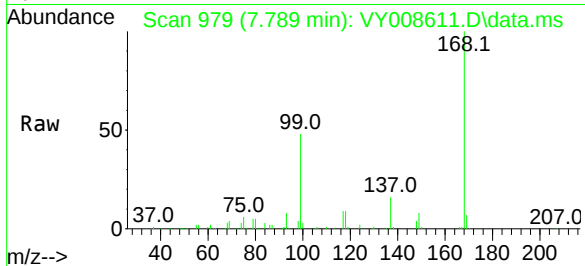




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008611.D
Acq: 04 May 2022 14:50

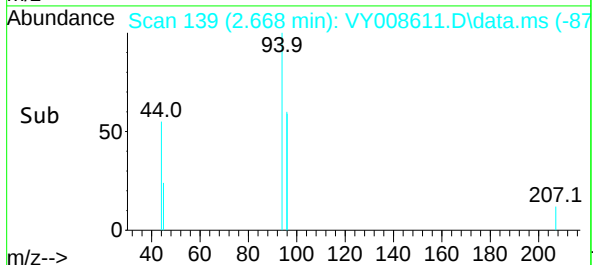
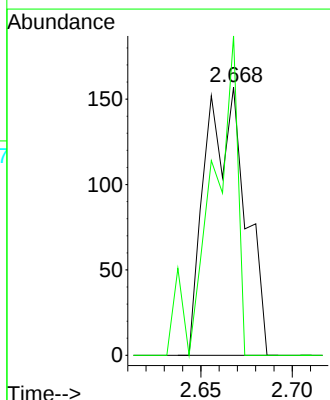
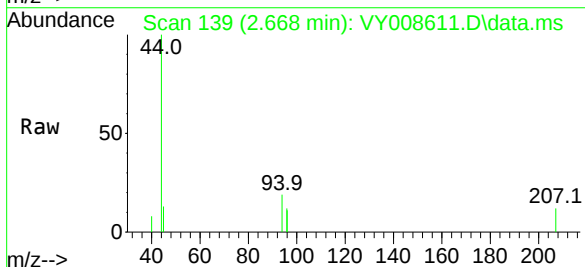
Instrument :
MSVOA_Y
ClientSampleId :
SB02-13-14-FT

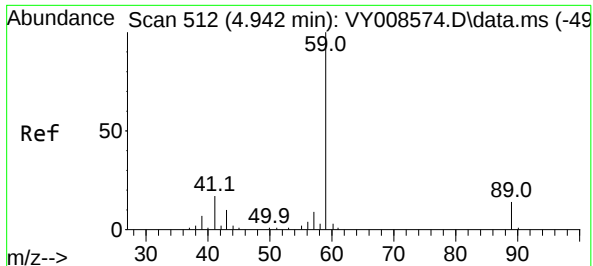
Tgt Ion:168 Resp: 97526
Ion Ratio Lower Upper
168 100
99 47.6 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 139
Delta R.T. 0.018 min
Lab File: VY008611.D
Acq: 04 May 2022 14:50

Tgt Ion: 94 Resp: 237
Ion Ratio Lower Upper
94 100
96 119.1 73.5 110.3#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.924 min Scan# 509

Delta R.T. -0.018 min

Lab File: VY008611.D

Acq: 04 May 2022 14:50

Instrument :

MSVOA_Y

ClientSampleId :

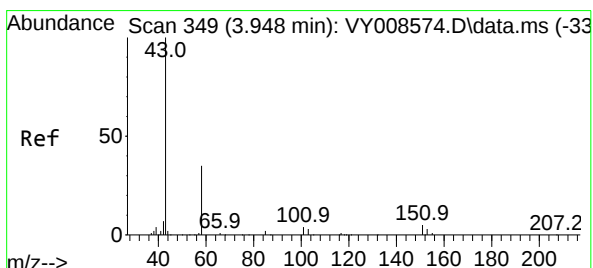
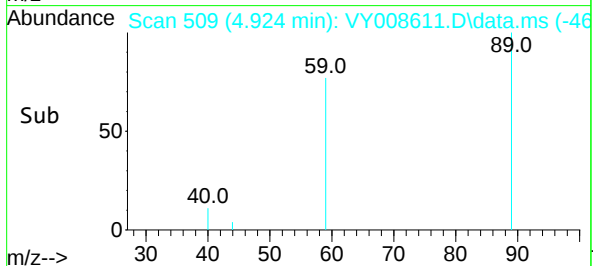
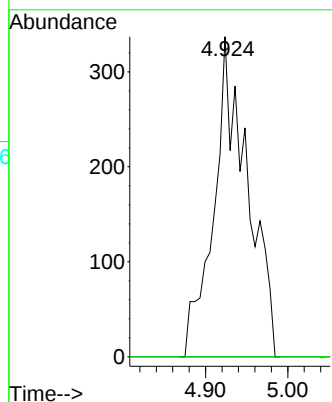
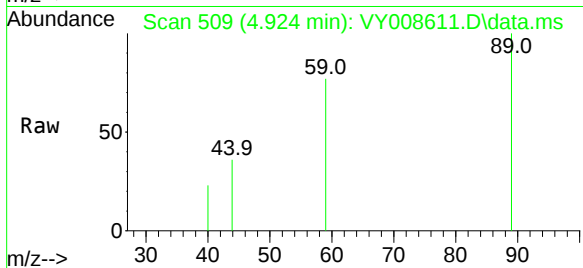
SB02-13-14-FT

Tgt Ion: 59 Resp: 960

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 6.302 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.006 min

Lab File: VY008611.D

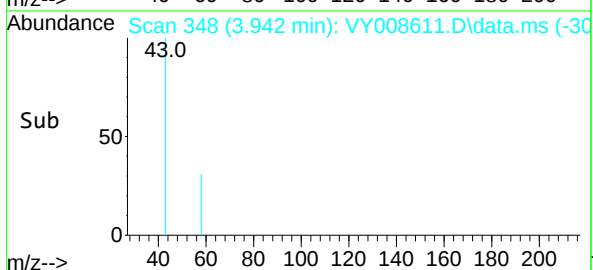
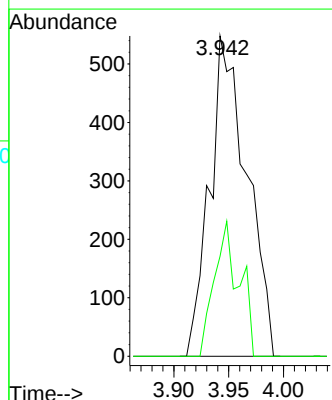
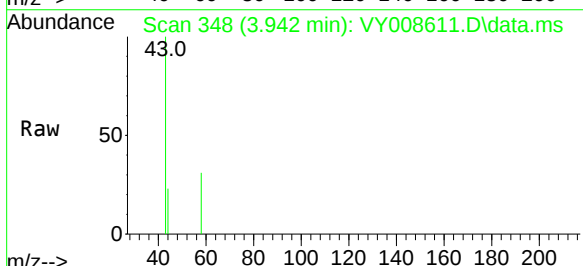
Acq: 04 May 2022 14:50

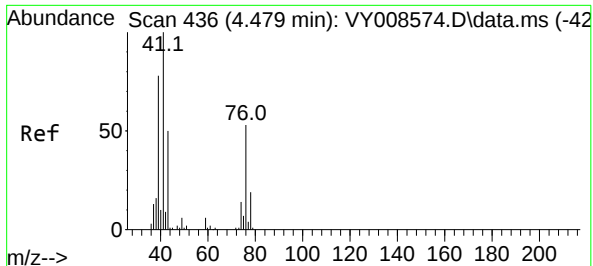
Tgt Ion: 43 Resp: 1287

Ion Ratio Lower Upper

43 100

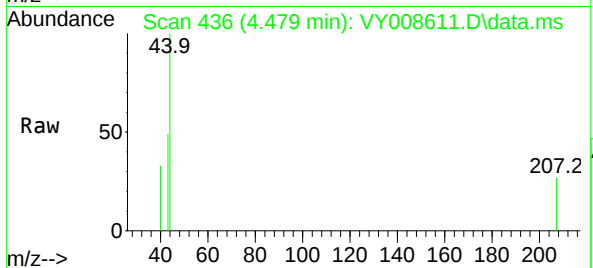
58 31.2 22.0 33.0



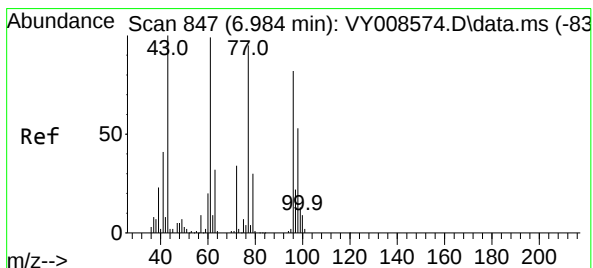
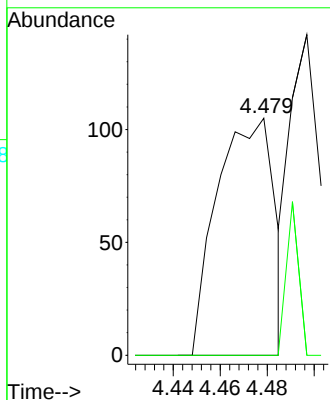
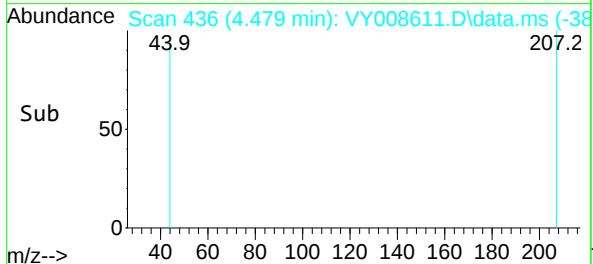


#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY008611.D
Acq: 04 May 2022 14:50

Instrument :
MSVOA_Y
ClientSampleId :
SB02-13-14-FT

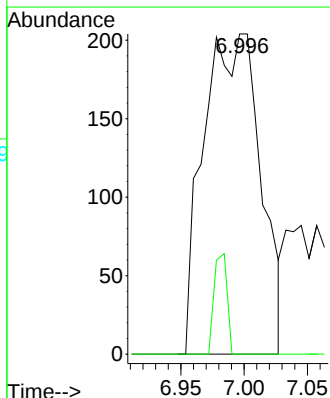
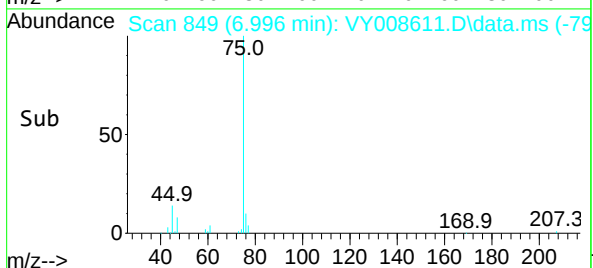
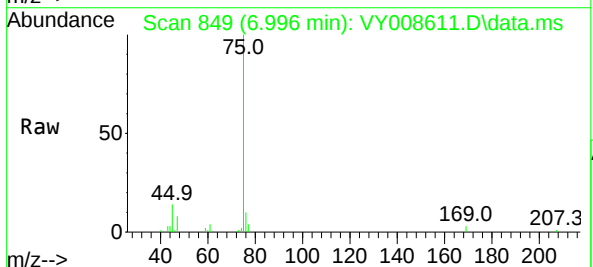


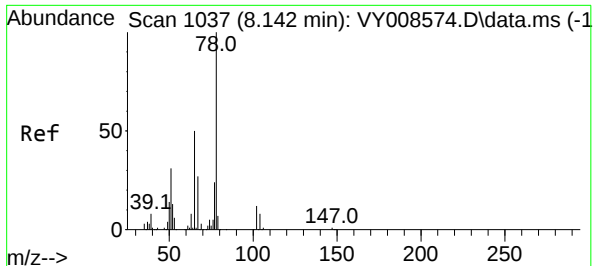
Tgt Ion: 43 Resp: 178
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#25
2-Butanone
Concen: 1.958 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY008611.D
Acq: 04 May 2022 14:50

Tgt Ion: 43 Resp: 642
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#





#33

1,2-Dichloroethane-d4

Concen: 51.245 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY008611.D

Acq: 04 May 2022 14:50

Instrument :

MSVOA_Y

ClientSampleId :

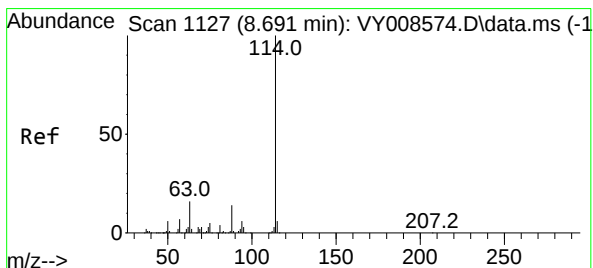
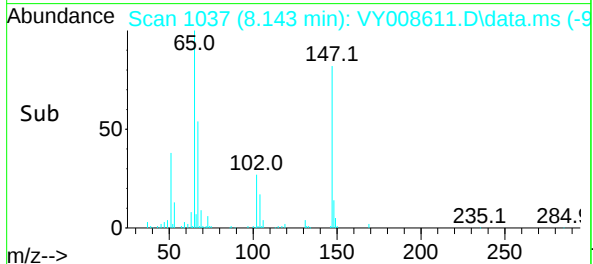
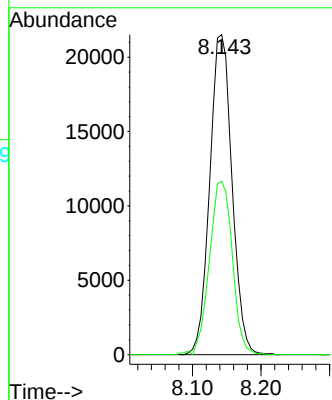
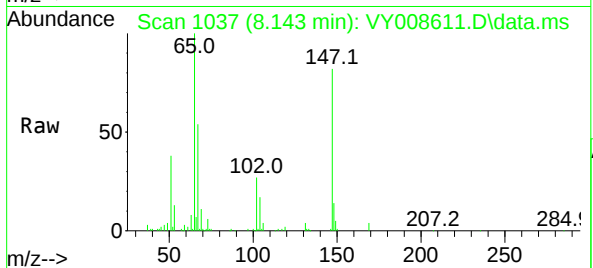
SB02-13-14-FT

Tgt Ion: 65 Resp: 48574

Ion Ratio Lower Upper

65 100

67 55.7 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: VY008611.D

Acq: 04 May 2022 14:50

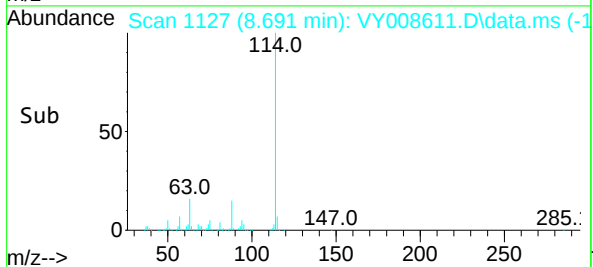
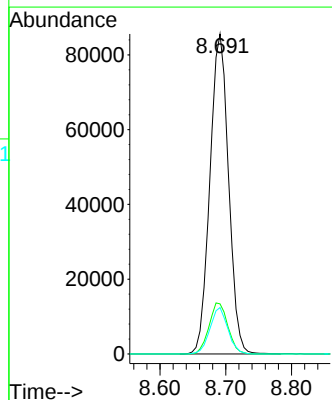
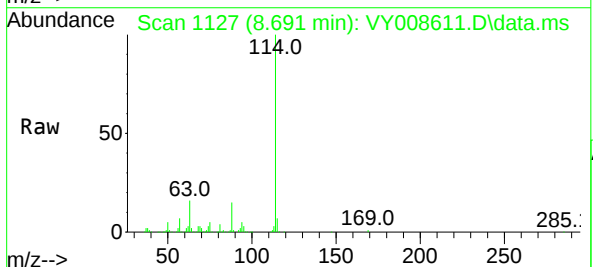
Tgt Ion: 114 Resp: 168712

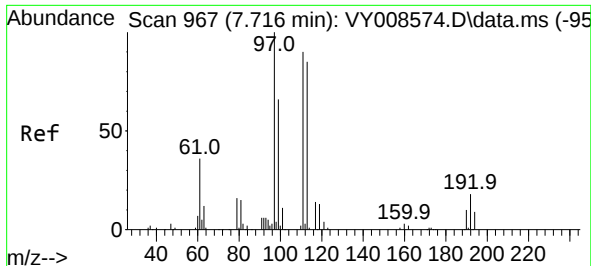
Ion Ratio Lower Upper

114 100

63 15.6 0.0 43.2

88 14.5 0.0 31.8

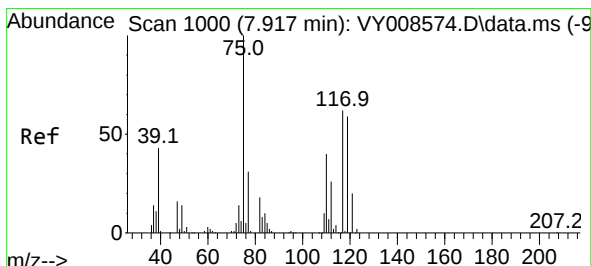
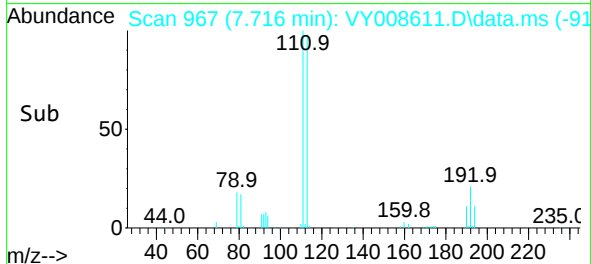
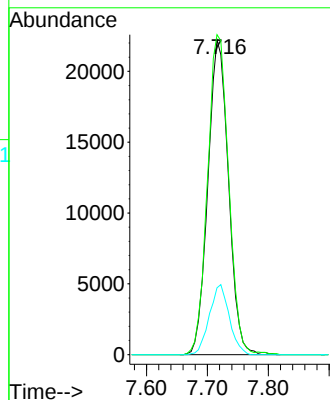
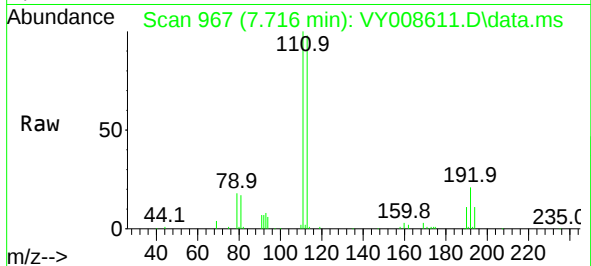




#35
Dibromofluoromethane
Concen: 46.791 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY008611.D
Acq: 04 May 2022 14:50

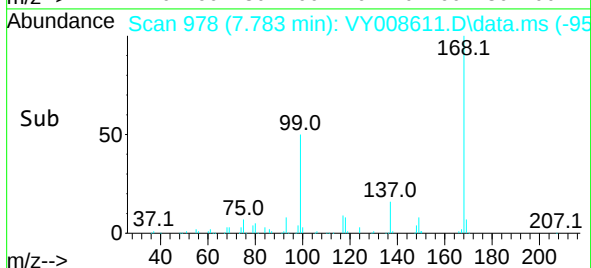
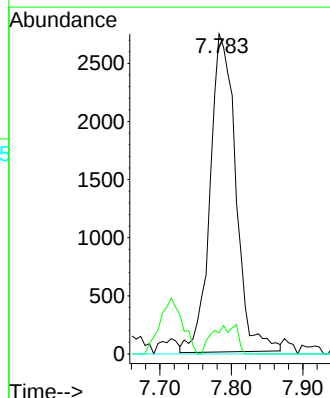
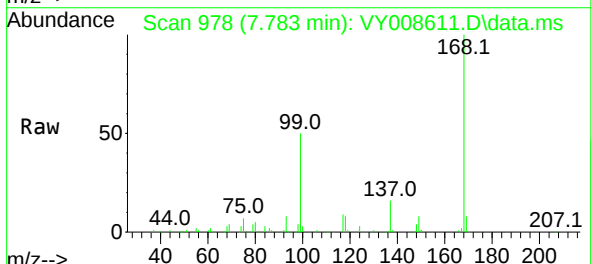
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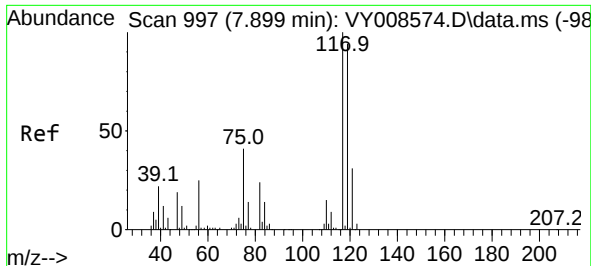
Tgt Ion:113 Resp: 52236
Ion Ratio Lower Upper
113 100
111 104.5 82.6 124.0
192 21.5 17.6 26.4



#36
1,1-Dichloropropene
Concen: 3.948 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY008611.D
Acq: 04 May 2022 14:50

Tgt Ion: 75 Resp: 6853
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 0.0 24.4 36.6#

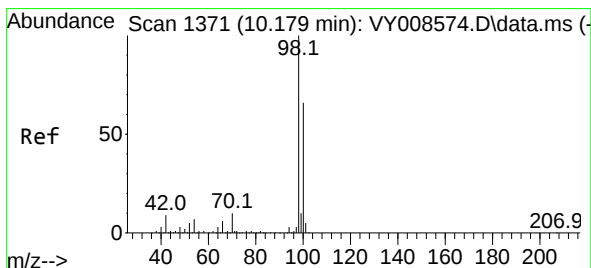
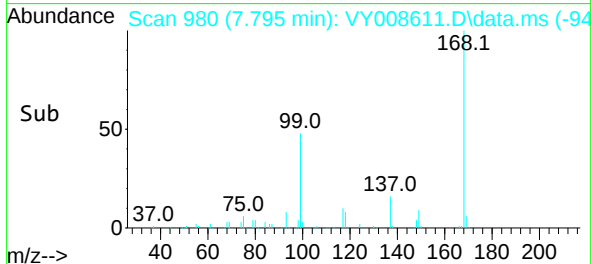
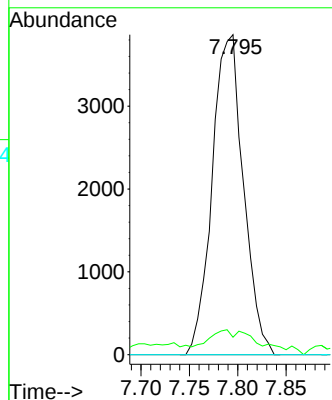
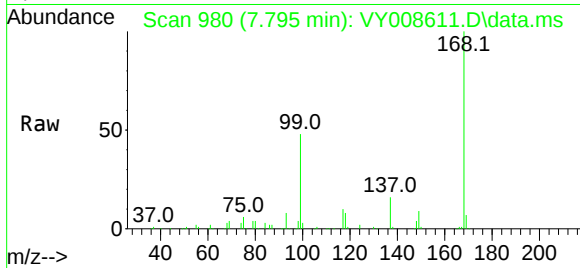




#38
Carbon Tetrachloride
Concen: 4.373 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY008611.D
Acq: 04 May 2022 14:50

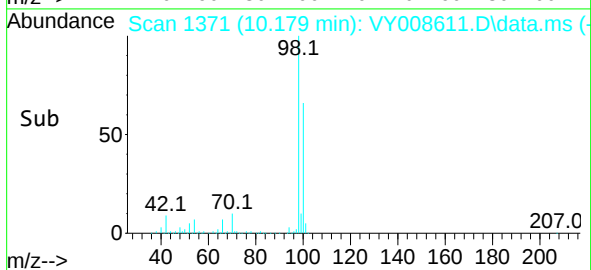
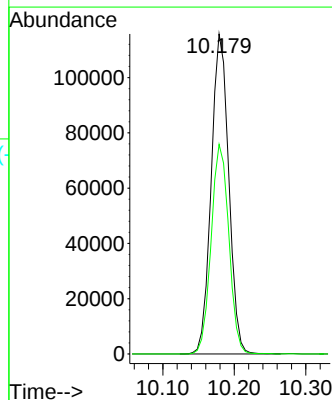
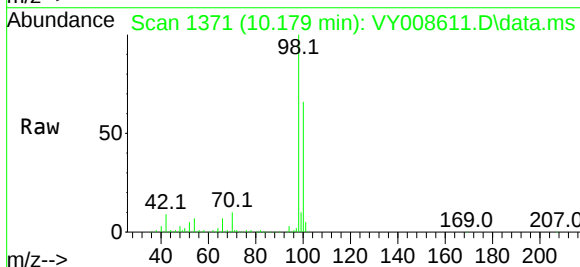
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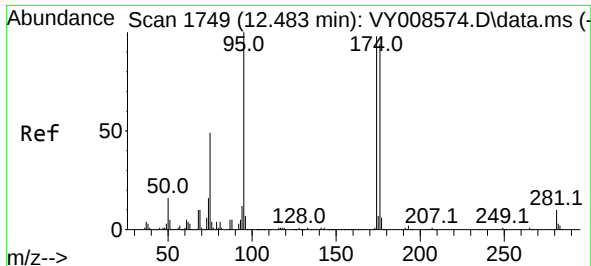
Tgt Ion:117 Resp: 8661
Ion Ratio Lower Upper
117 100
119 3.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.767 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY008611.D
Acq: 04 May 2022 14:50

Tgt Ion: 98 Resp: 196832
Ion Ratio Lower Upper
98 100
100 66.1 50.2 75.2

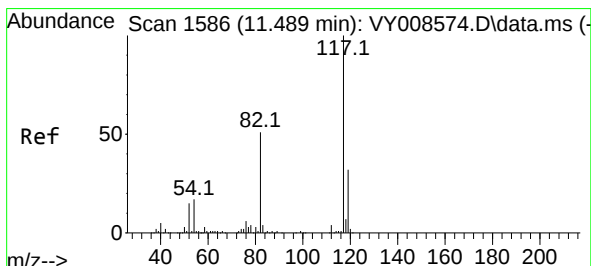
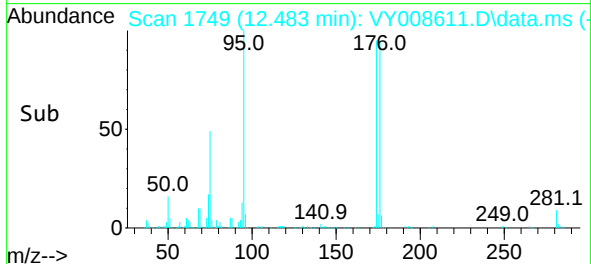
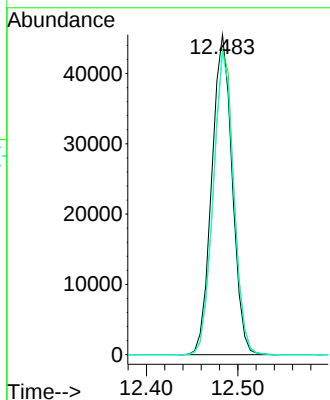
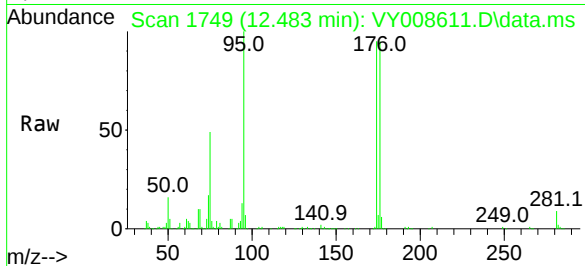




#62
4-Bromofluorobenzene
Concen: 48.693 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008611.D
Acq: 04 May 2022 14:50

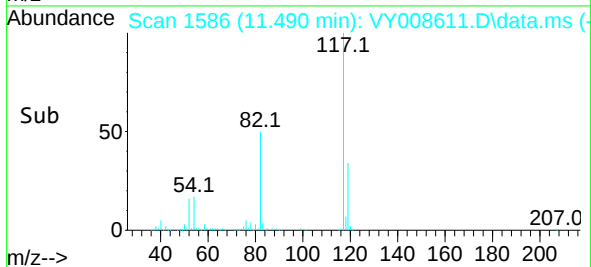
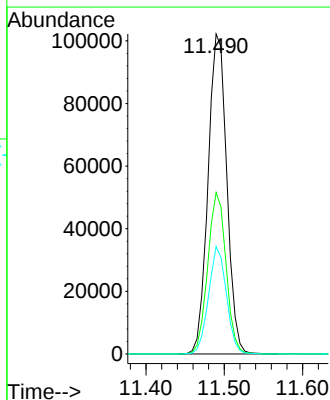
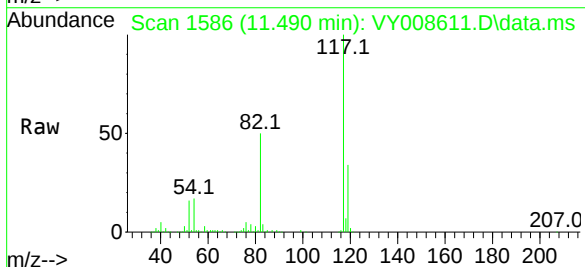
Instrument :
MSVOA_Y
ClientSampleId :
SB02-13-14-FT

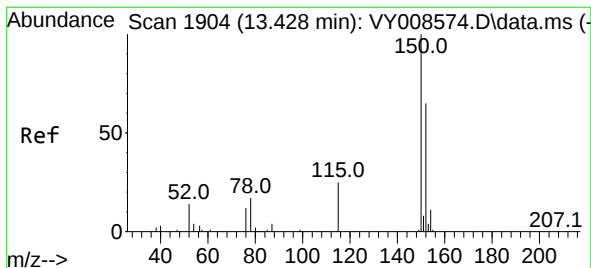
Tgt Ion: 95 Resp: 70586
Ion Ratio Lower Upper
95 100
174 96.2 0.0 177.0
176 94.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008611.D
Acq: 04 May 2022 14:50

Tgt Ion: 117 Resp: 169593
Ion Ratio Lower Upper
117 100
82 50.5 43.0 64.4
119 33.6 25.4 38.0

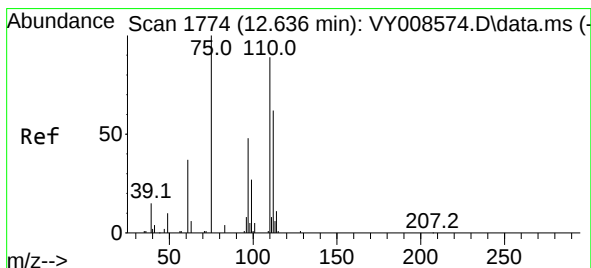
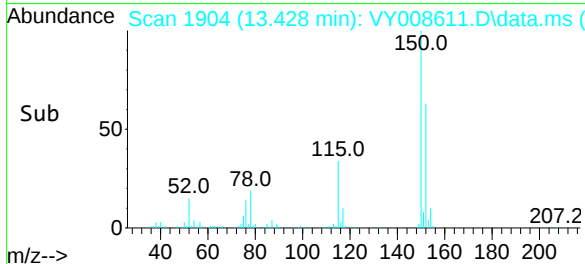
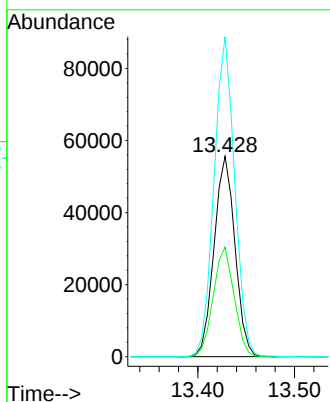
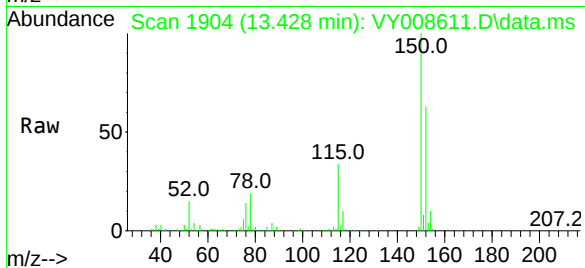




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008611.D
 Acq: 04 May 2022 14:50

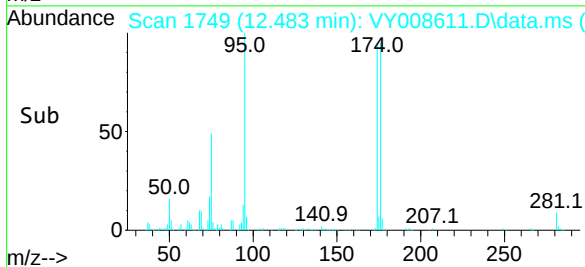
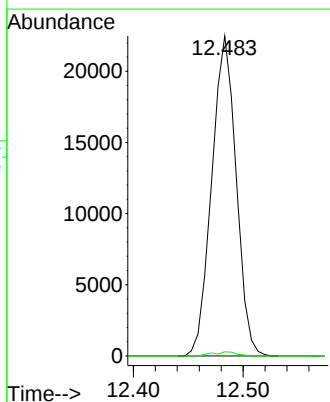
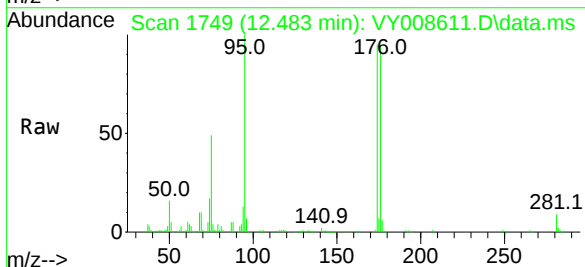
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB02-13-14-FT

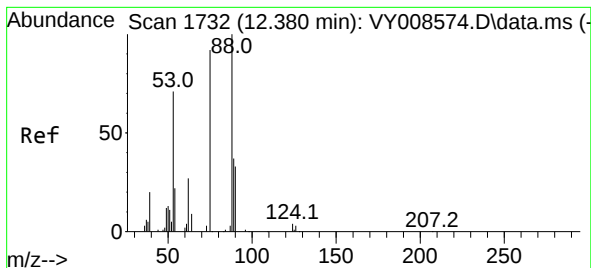
Tgt Ion:152 Resp: 83369
 Ion Ratio Lower Upper
 152 100
 115 54.8 28.2 84.7
 150 158.2 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 39.116 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY008611.D
 Acq: 04 May 2022 14:50

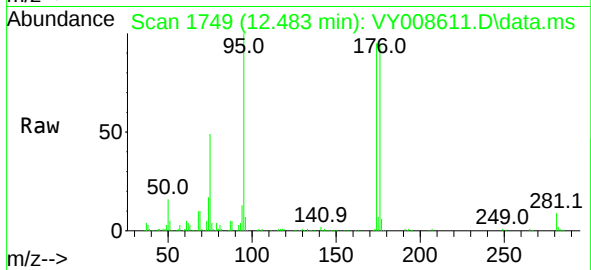
Tgt Ion: 75 Resp: 34811
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.304 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY008611.D
 Acq: 04 May 2022 14:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB02-13-14-FT



Tgt Ion: 75 Resp: 34811
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

