

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102122\
 Data File : VY011046.D
 Acq On : 21 Oct 2022 13:37
 Operator : KP/MD
 Sample : N5217-07
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-D1-3.5-4.0

Quant Time: Oct 22 01:22:50 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	357306	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	592044	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	522157	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	241510	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	190735	57.951	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.900%
35) Dibromofluoromethane	7.716	113	201284	61.486	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	122.980%
50) Toluene-d8	10.179	98	718086	58.089	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	116.180%
62) 4-Bromofluorobenzene	12.477	95	245984	56.579	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	113.160%

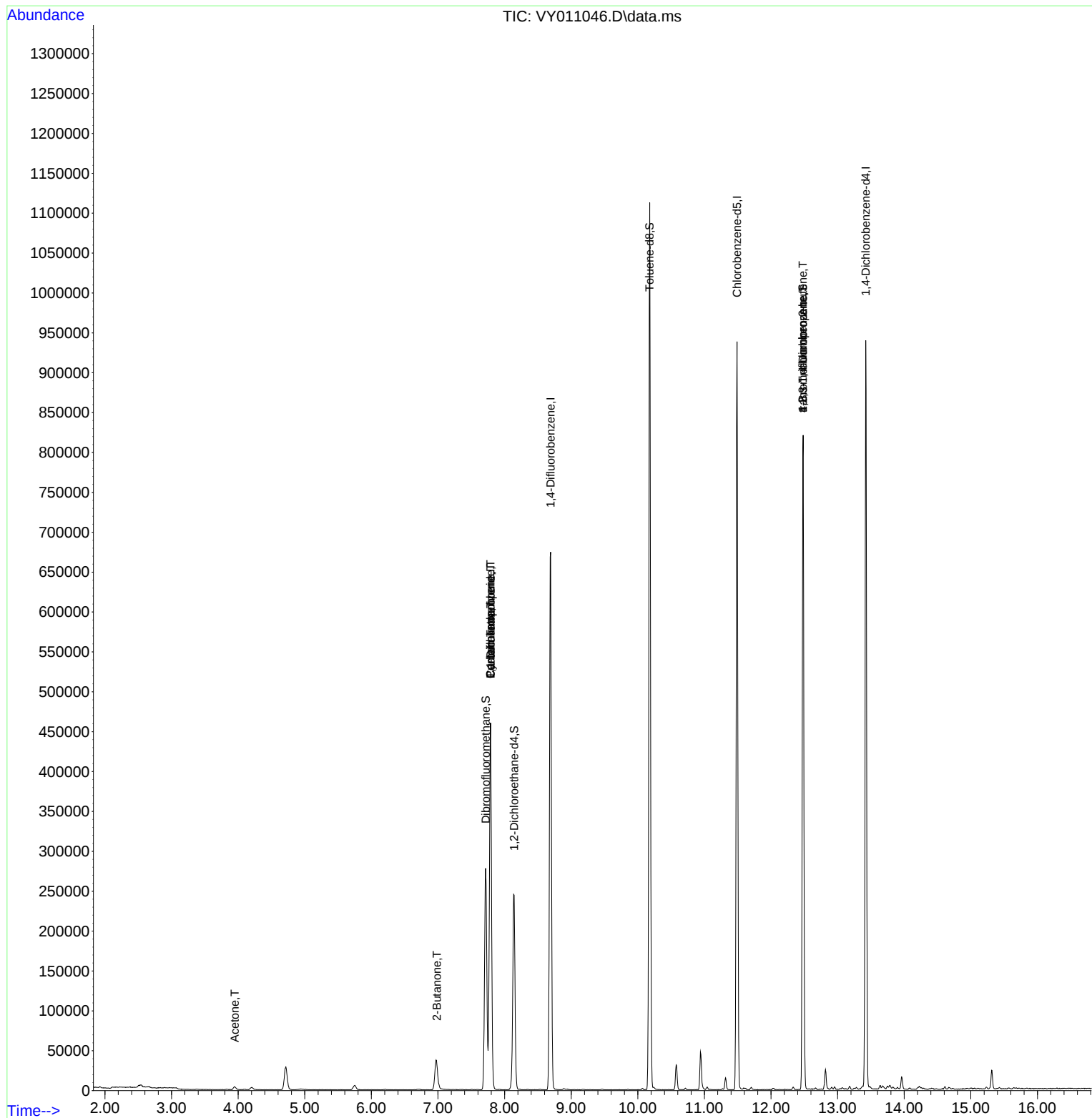
Target Compounds					Qvalue
11) Tert butyl alcohol	4.942	59	984	Below Cal	# 83
16) Acetone	3.948	43	6764	7.077 ug/l	# 79
18) Methyl Acetate	4.466	43	48	Below Cal	# 56
20) Methylene Chloride	4.716	84	22751	Below Cal	# 83
25) 2-Butanone	6.984	43	2916	2.012 ug/l	# 96
31) Cyclohexane	7.789	56	6888	1.094 ug/l	# 1
36) 1,1-Dichloropropene	7.789	75	26419	4.794 ug/l	# 52
38) Carbon Tetrachloride	7.789	117	34412	6.049 ug/l	# 15
76) 1,2,3-Trichloropropane	12.477	75	123001	44.860 ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	123001	96.480 ug/l	# 7

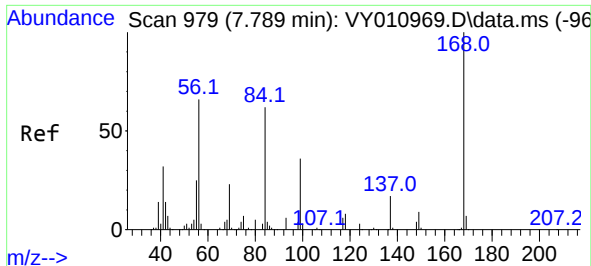
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102122\
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-D1-3.5-4.0

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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

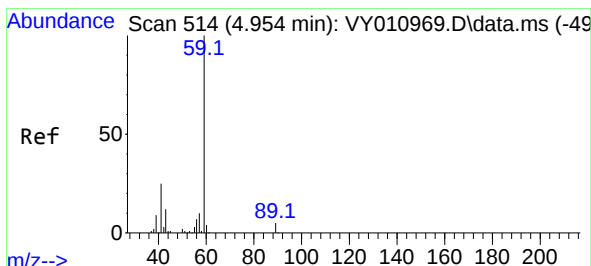
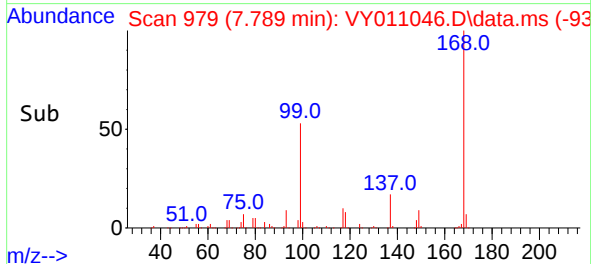
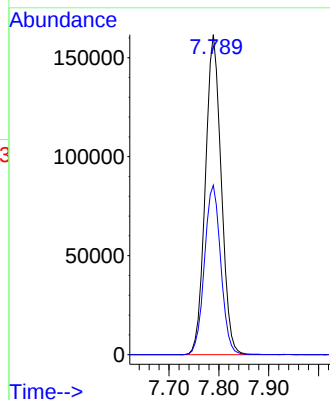
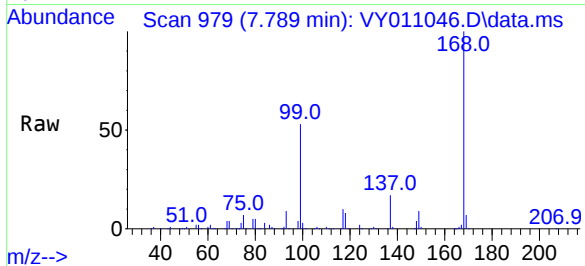




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011046.D
Acq: 21 Oct 2022 13:37

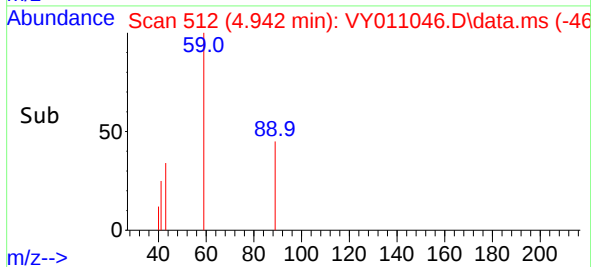
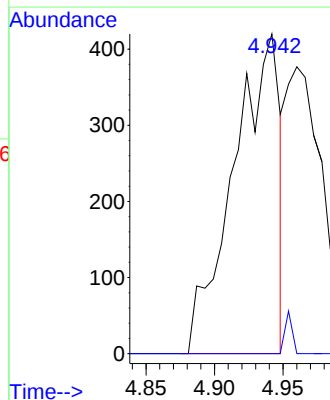
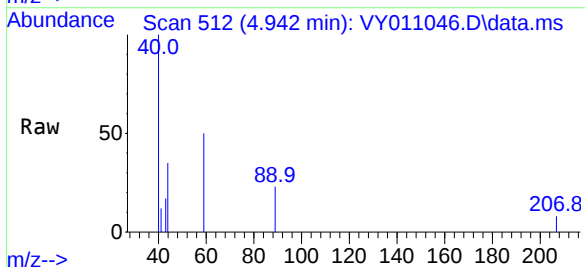
Instrument :
MSVOA_Y
ClientSampleId :
SB-D1-3.5-4.0

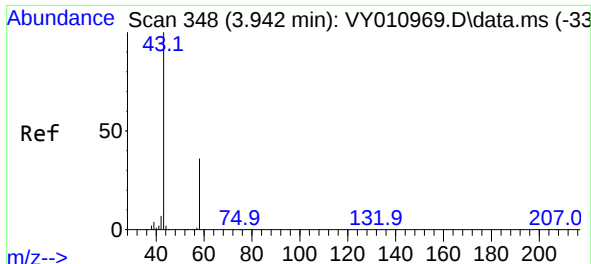
Tgt Ion:168 Resp: 357306
Ion Ratio Lower Upper
168 100
99 53.0 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.012 min
Lab File: VY011046.D
Acq: 21 Oct 2022 13:37

Tgt Ion: 59 Resp: 984
Ion Ratio Lower Upper
59 100
57 2.0 6.4 9.6#

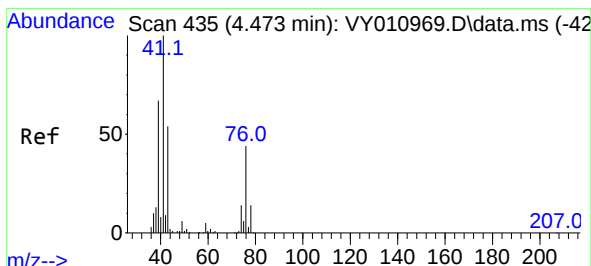
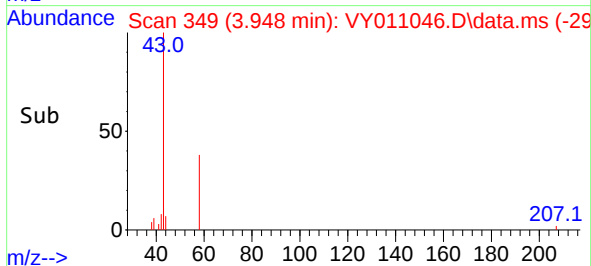
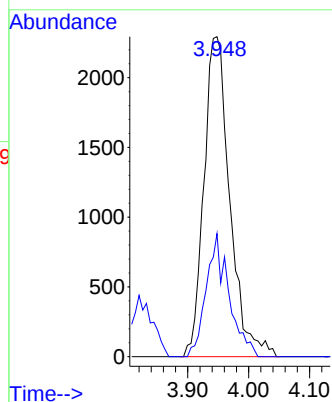
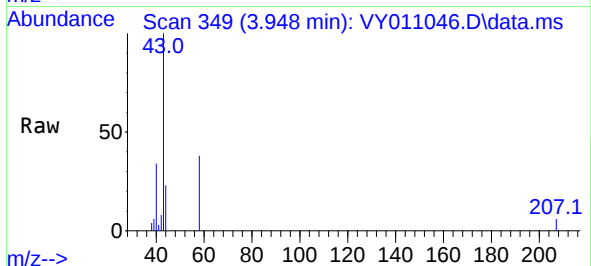




#16
Acetone
Concen: 7.077 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY011046.D
Acq: 21 Oct 2022 13:37

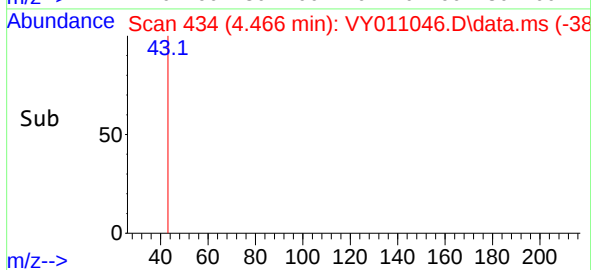
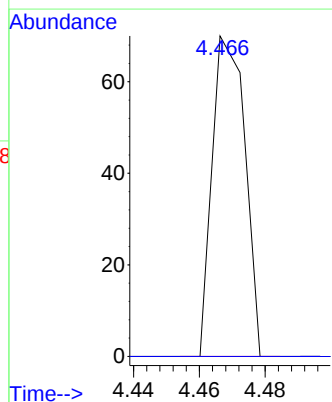
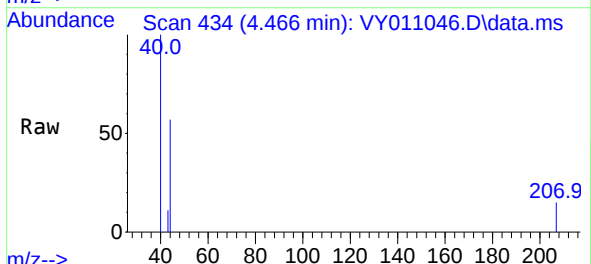
Instrument :
MSVOA_Y
ClientSampleId :
SB-D1-3.5-4.0

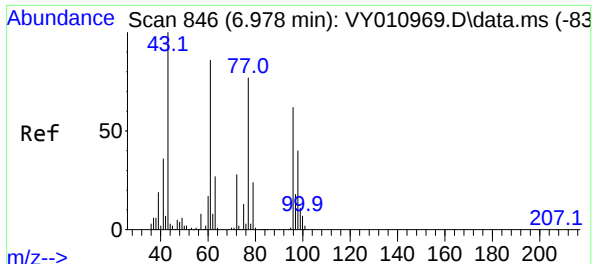
Tgt Ion: 43 Resp: 6764
Ion Ratio Lower Upper
43 100
58 38.4 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 434
Delta R.T. -0.007 min
Lab File: VY011046.D
Acq: 21 Oct 2022 13:37

Tgt Ion: 43 Resp: 48
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

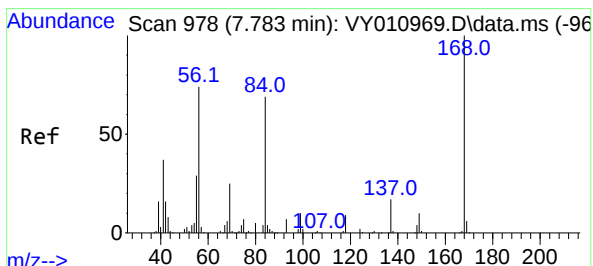
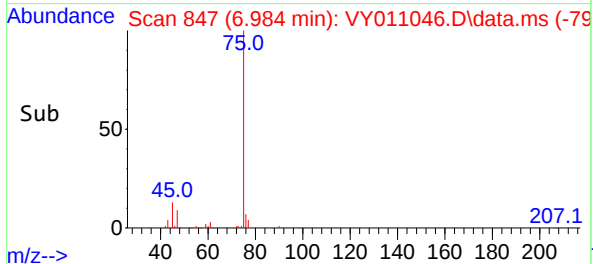
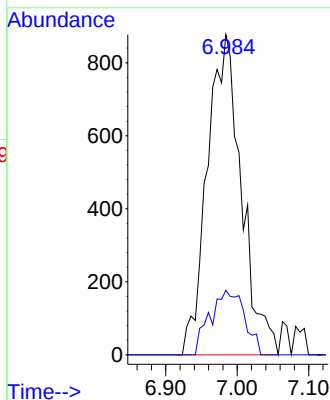
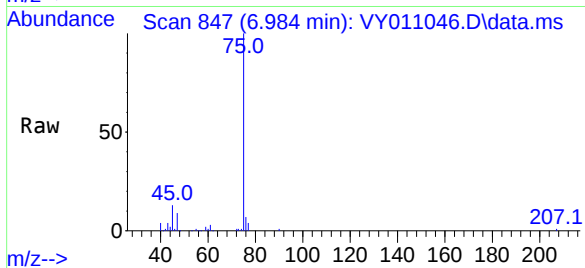




#25
2-Butanone
Concen: 2.012 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY011046.D
Acq: 21 Oct 2022 13:37

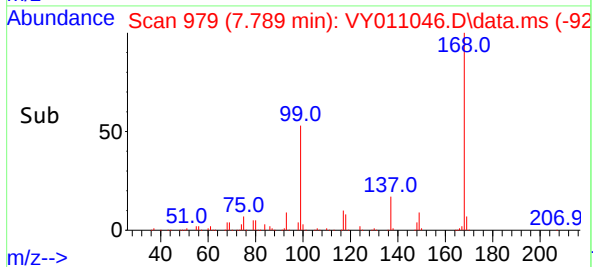
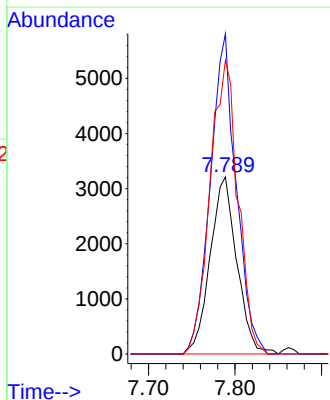
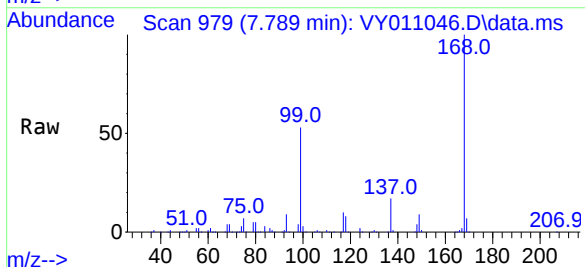
Instrument :
MSVOA_Y
ClientSampleId :
SB-D1-3.5-4.0

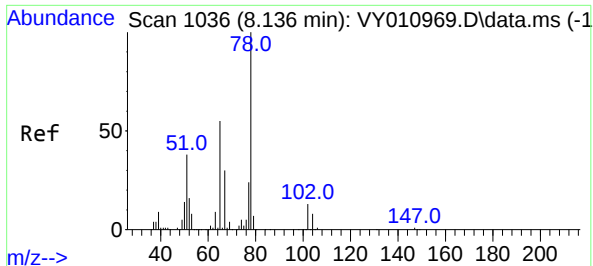
Tgt Ion: 43 Resp: 2916
Ion Ratio Lower Upper
43 100
72 20.2 17.7 26.5



#31
Cyclohexane
Concen: 1.094 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY011046.D
Acq: 21 Oct 2022 13:37

Tgt Ion: 56 Resp: 6888
Ion Ratio Lower Upper
56 100
69 180.7 26.7 40.1#
84 165.9 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 57.951 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY011046.D

Acq: 21 Oct 2022 13:37

Instrument :

MSVOA_Y

ClientSampleId :

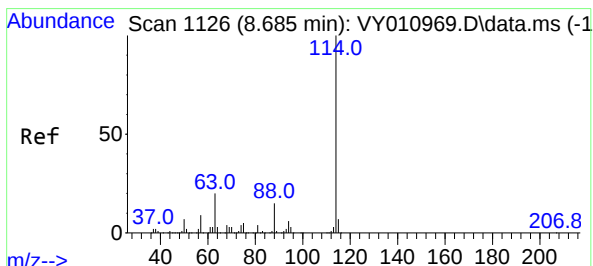
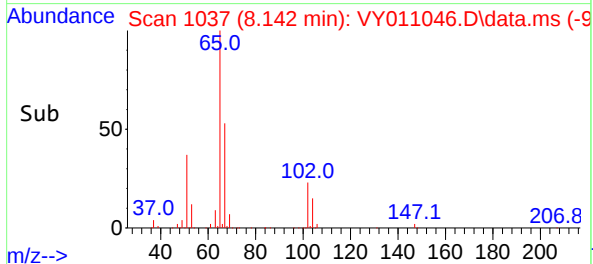
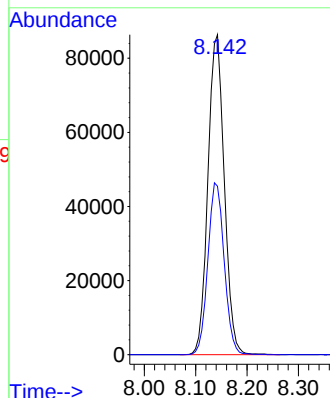
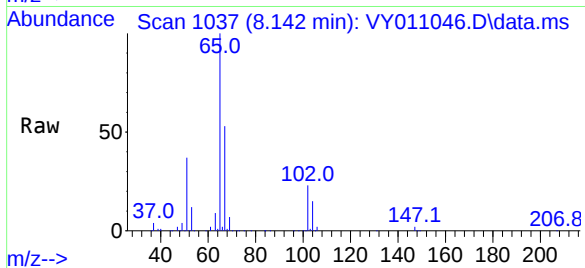
SB-D1-3.5-4.0

Tgt Ion: 65 Resp: 190735

Ion Ratio Lower Upper

65 100

67 53.6 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY011046.D

Acq: 21 Oct 2022 13:37

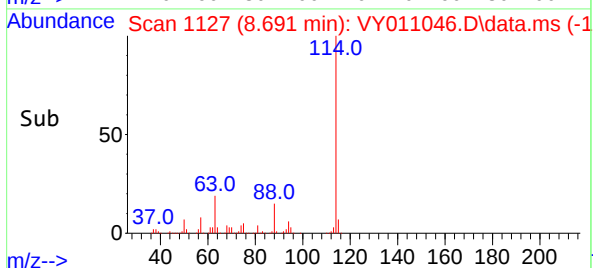
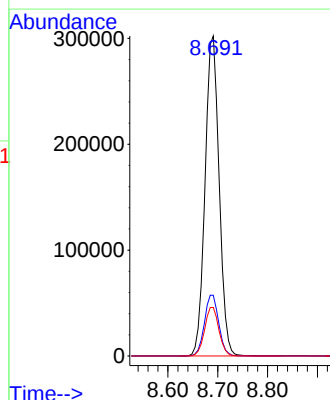
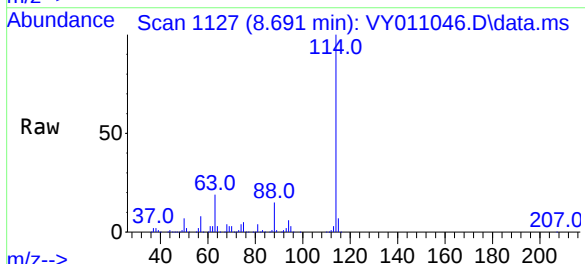
Tgt Ion: 114 Resp: 592044

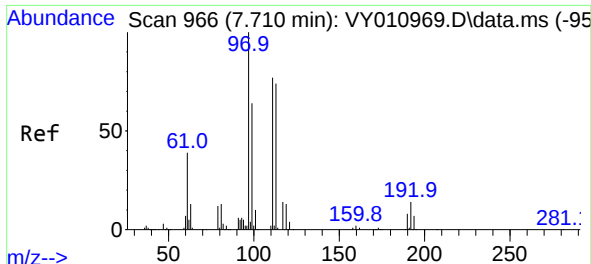
Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

88 15.2 0.0 31.8

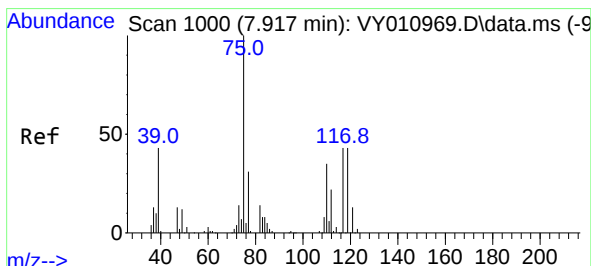
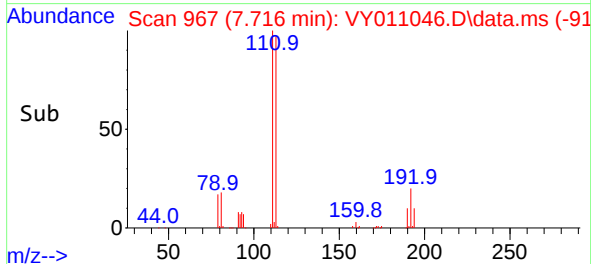
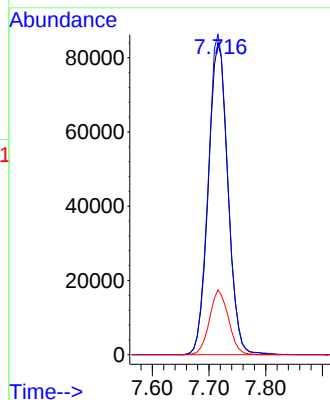
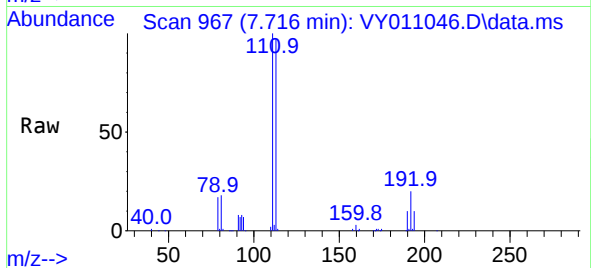




#35
Dibromofluoromethane
Concen: 61.486 ug/l
RT: 7.716 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY011046.D
Acq: 21 Oct 2022 13:37

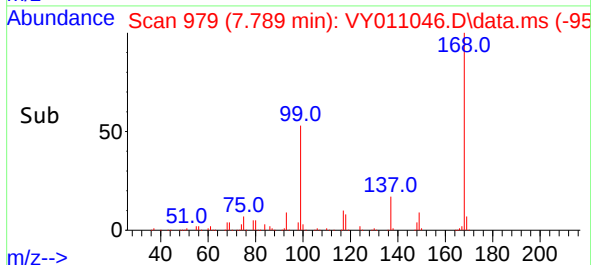
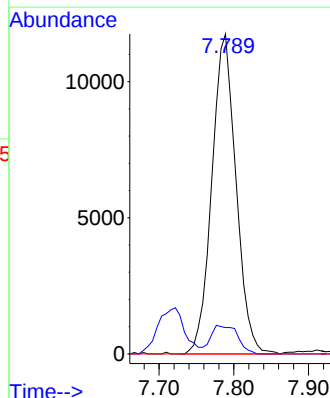
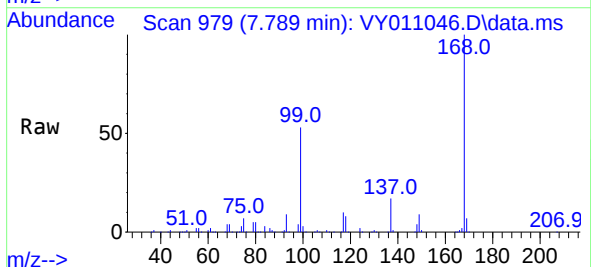
Instrument :
MSVOA_Y
ClientSampleId :
SB-D1-3.5-4.0

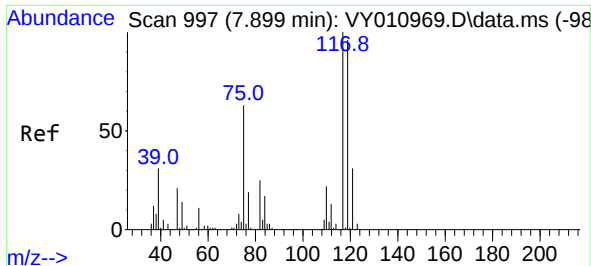
Tgt Ion:113 Resp: 201284
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 20.0 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.794 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY011046.D
Acq: 21 Oct 2022 13:37

Tgt Ion: 75 Resp: 26419
Ion Ratio Lower Upper
75 100
110 10.1 17.1 51.2#
77 0.0 24.4 36.6#

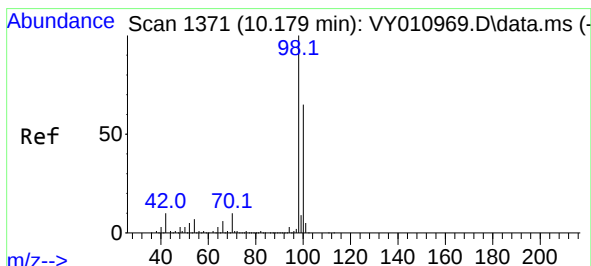
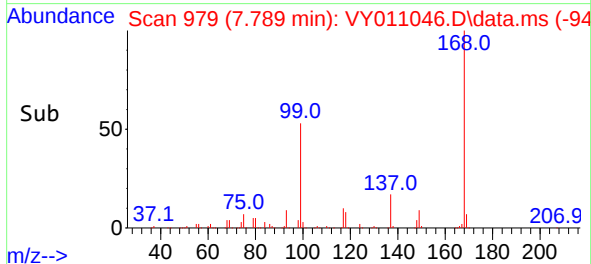
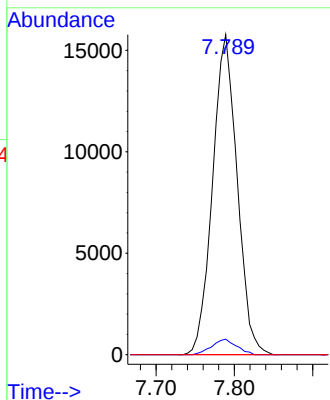
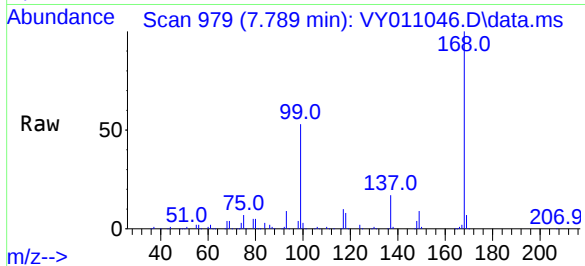




#38
Carbon Tetrachloride
Concen: 6.049 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY011046.D
Acq: 21 Oct 2022 13:37

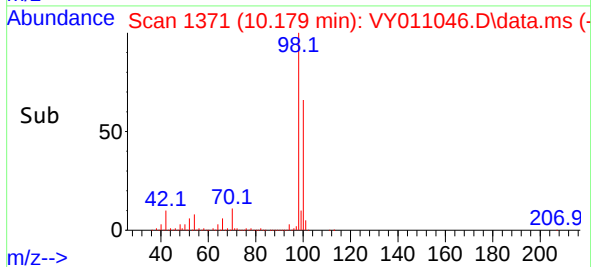
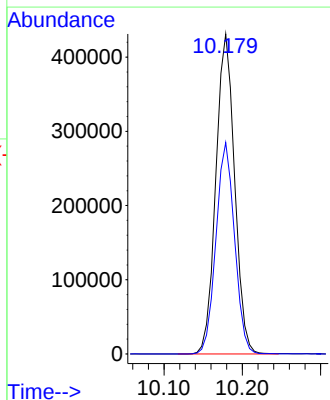
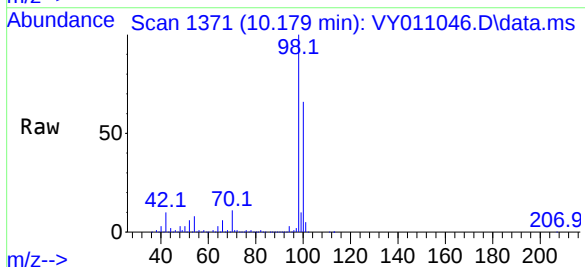
Instrument :
MSVOA_Y
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SB-D1-3.5-4.0

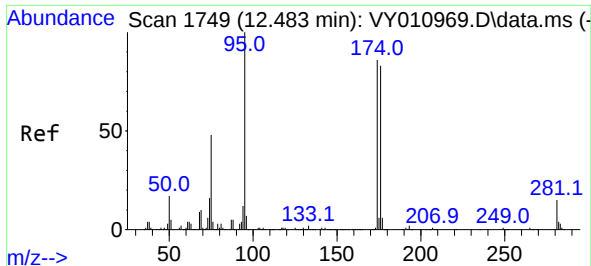
Tgt Ion:117 Resp: 34412
Ion Ratio Lower Upper
117 100
119 4.8 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 58.089 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011046.D
Acq: 21 Oct 2022 13:37

Tgt Ion: 98 Resp: 718086
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2

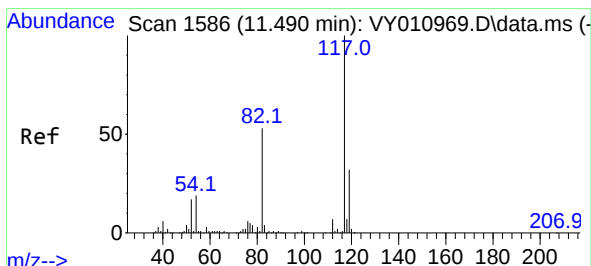
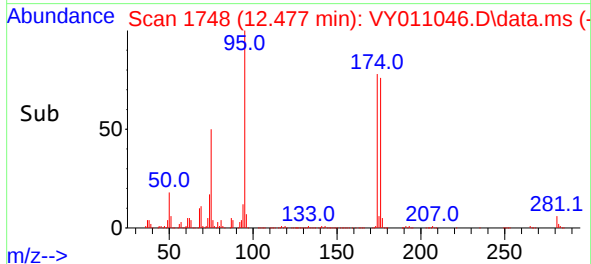
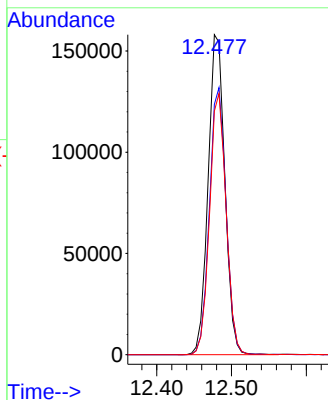
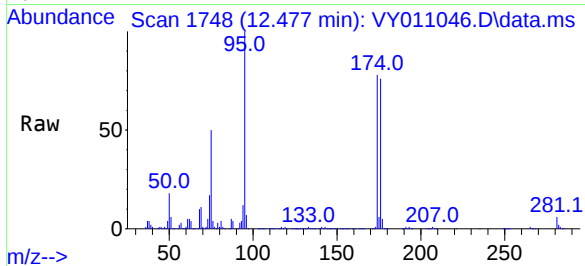




#62
4-Bromofluorobenzene
Concen: 56.579 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011046.D
Acq: 21 Oct 2022 13:37

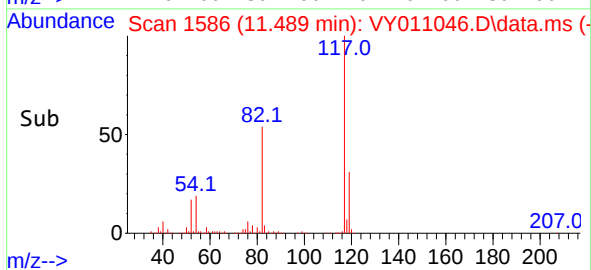
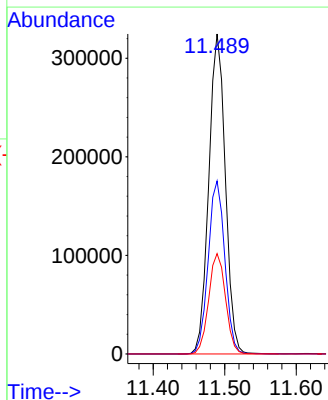
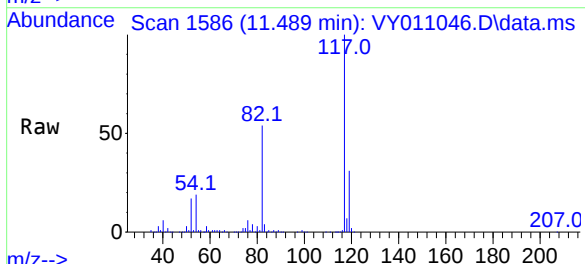
Instrument :
MSVOA_Y
ClientSampleId :
SB-D1-3.5-4.0

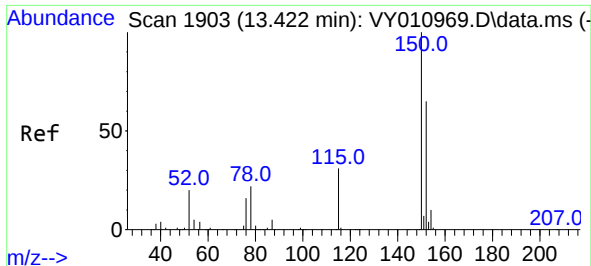
Tgt Ion: 95 Resp: 245984
Ion Ratio Lower Upper
95 100
174 83.0 0.0 177.0
176 80.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011046.D
Acq: 21 Oct 2022 13:37

Tgt Ion: 117 Resp: 522157
Ion Ratio Lower Upper
117 100
82 54.1 43.0 64.4
119 31.4 25.4 38.0

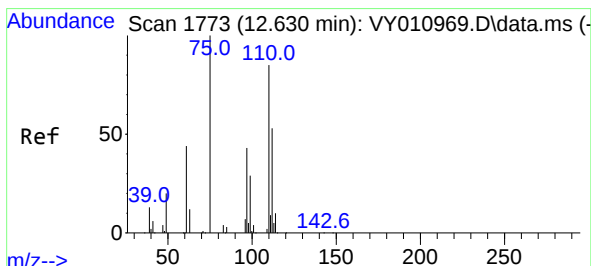
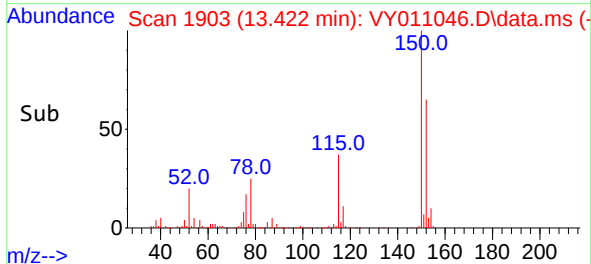
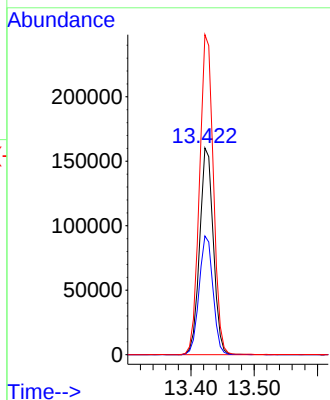
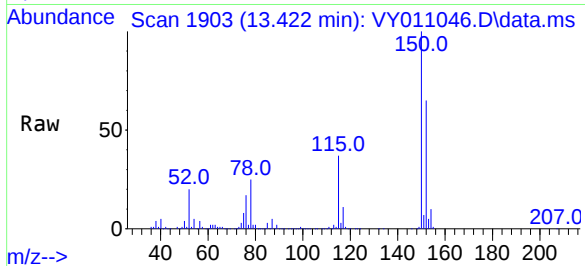




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY011046.D
Acq: 21 Oct 2022 13:37

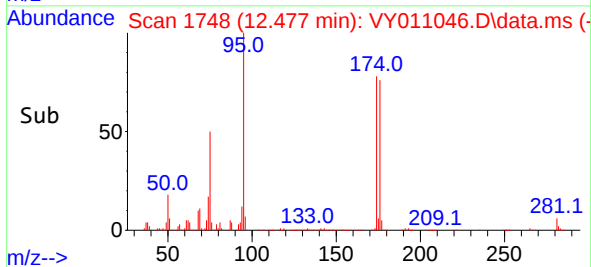
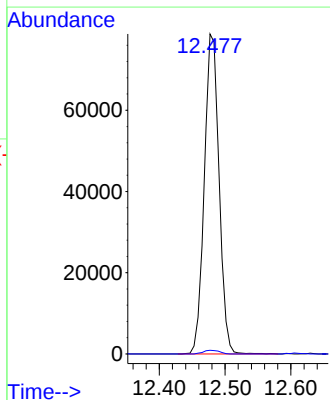
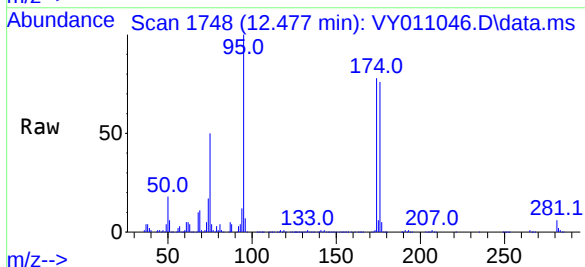
Instrument :
MSVOA_Y
ClientSampleId :
SB-D1-3.5-4.0

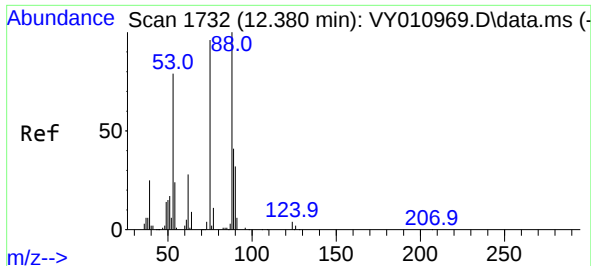
Tgt Ion:152 Resp: 241510
Ion Ratio Lower Upper
152 100
115 58.3 28.2 84.7
150 156.7 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 44.860 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011046.D
Acq: 21 Oct 2022 13:37

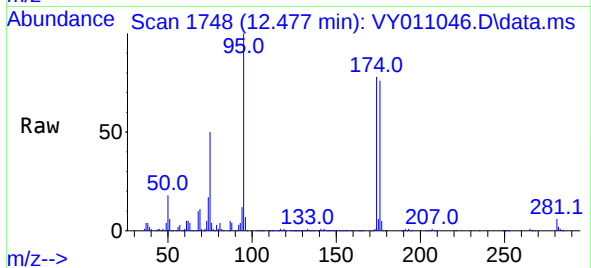
Tgt Ion: 75 Resp: 123001
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 96.480 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY011046.D
Acq: 21 Oct 2022 13:37

Instrument :
MSVOA_Y
ClientSampleId :
SB-D1-3.5-4.0



Tgt Ion: 75 Resp: 123001
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#

