

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011822\
 Data File : VY007209.D
 Acq On : 18 Jan 2022 14:32
 Operator : SY/MD
 Sample : N1164-01
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 19 00:32:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	49813	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	80729	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	59723	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	20086	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	21800	35.667	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	71.340%
35) Dibromofluoromethane	7.722	113	23460	42.977	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.960%
50) Toluene-d8	10.185	98	93058	46.655	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.300%
62) 4-Bromofluorobenzene	12.483	95	25037	35.288	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	70.580%

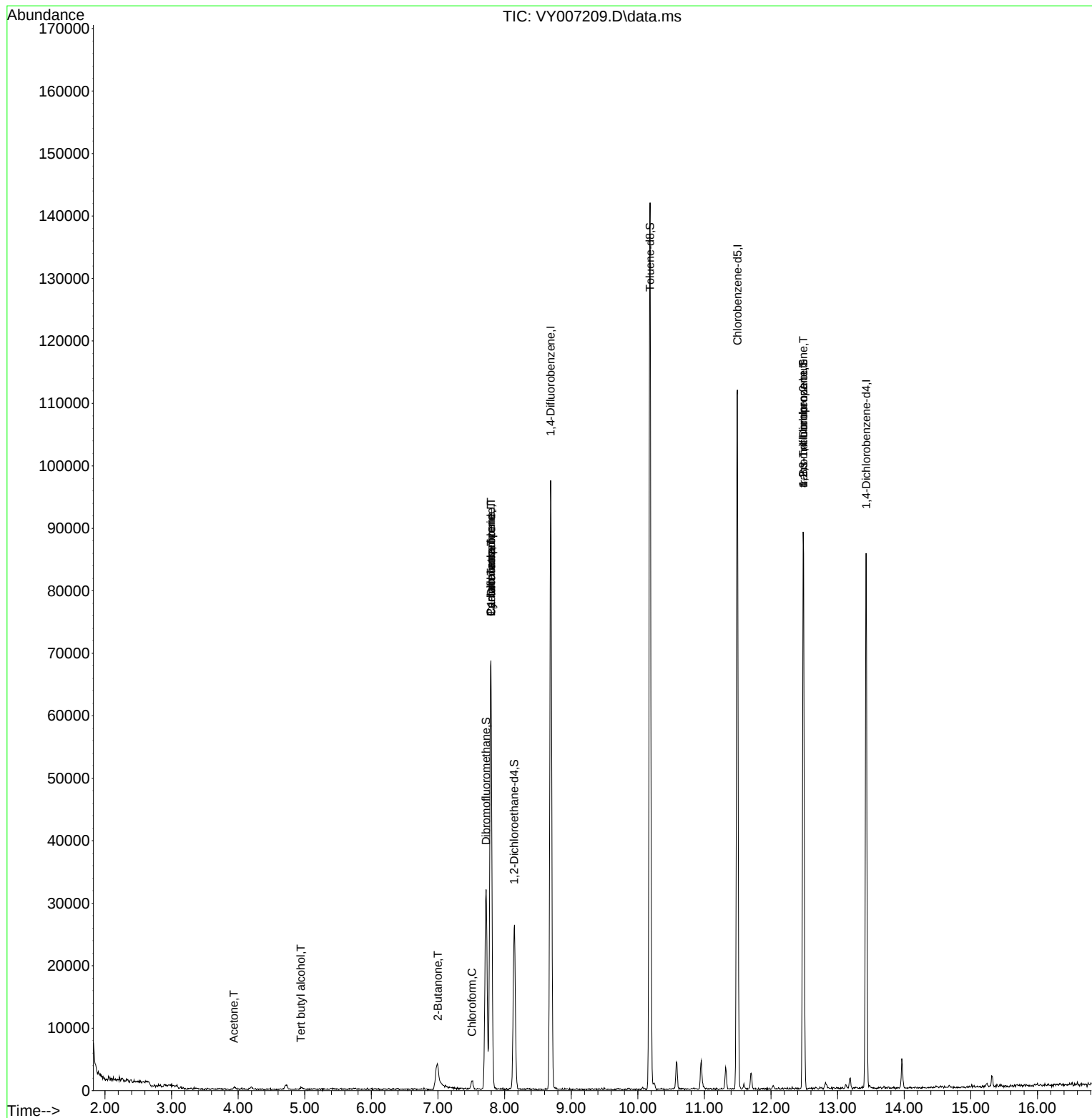
Target Compounds						Qvalue
11) Tert butyl alcohol	4.942	59	386	2.645	ug/l #	73
16) Acetone	3.936	43	298	1.879	ug/l #	45
25) 2-Butanone	6.996	43	308	1.502	ug/l #	47
30) Chloroform	7.508	83	1194	1.032	ug/l #	58
31) Cyclohexane	7.795	56	1266	1.225	ug/l #	52
36) 1,1-Dichloropropene	7.795	75	4591	5.266	ug/l #	51
38) Carbon Tetrachloride	7.795	117	5446	5.939	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	13825	60.362	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	13825	110.507	ug/l #	3

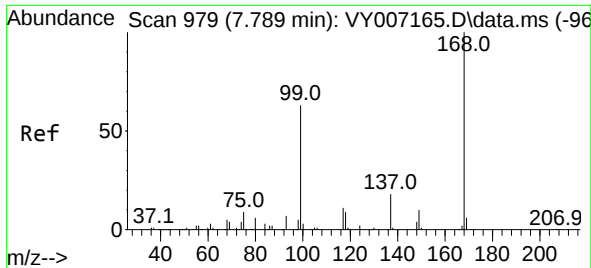
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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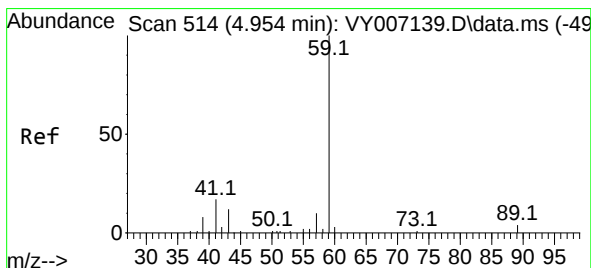
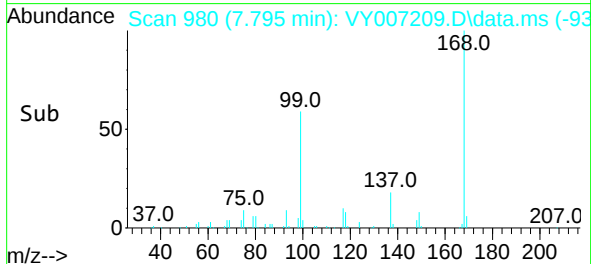
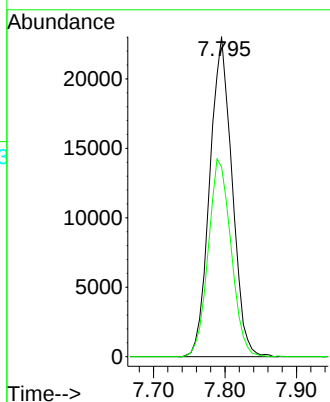
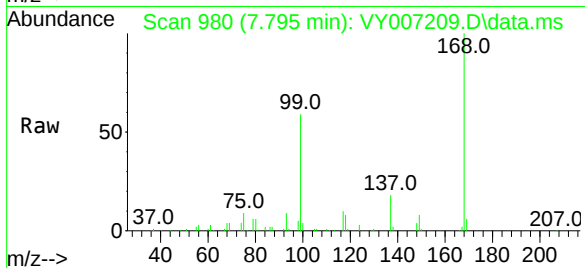




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007209.D
Acq: 18 Jan 2022 14:32

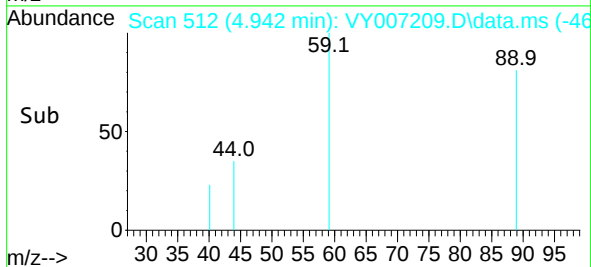
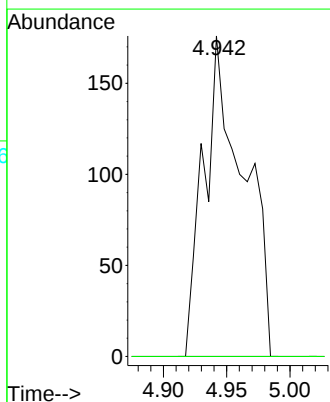
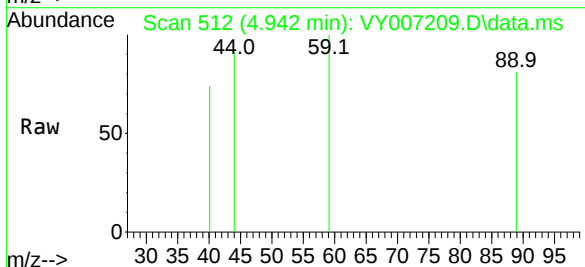
Instrument :
MSVOA_Y
ClientSampleId :

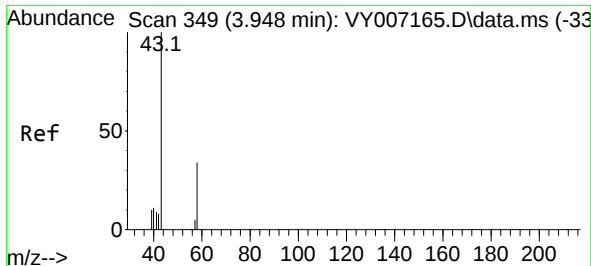
Tgt Ion:168 Resp: 49813
Ion Ratio Lower Upper
168 100
99 59.3 49.1 73.7



#11
Tert butyl alcohol
Concen: 2.645 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.012 min
Lab File: VY007209.D
Acq: 18 Jan 2022 14:32

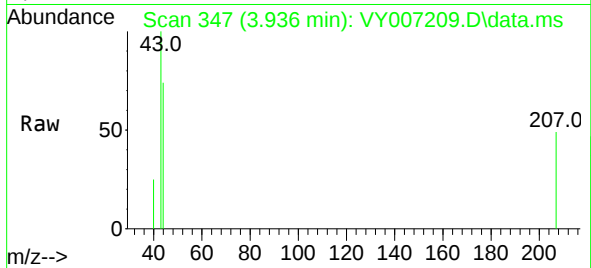
Tgt Ion: 59 Resp: 386
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



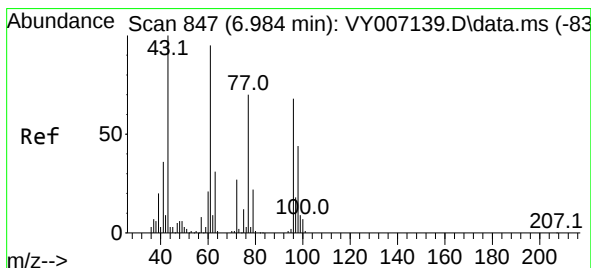
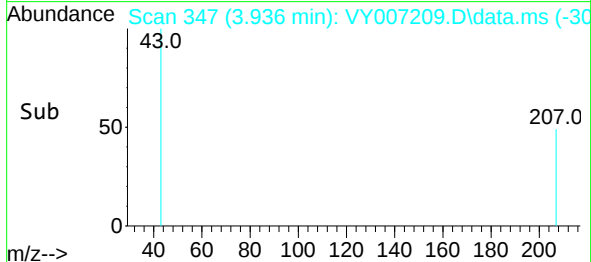
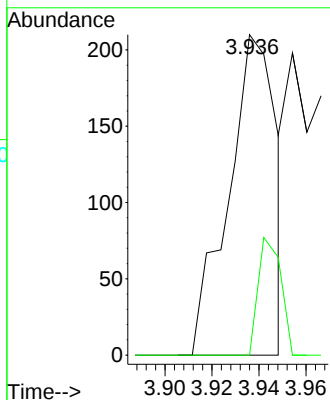


#16
Acetone
Concen: 1.879 ug/l
RT: 3.936 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY007209.D
Acq: 18 Jan 2022 14:32

Instrument :
MSVOA_Y
ClientSampleId :

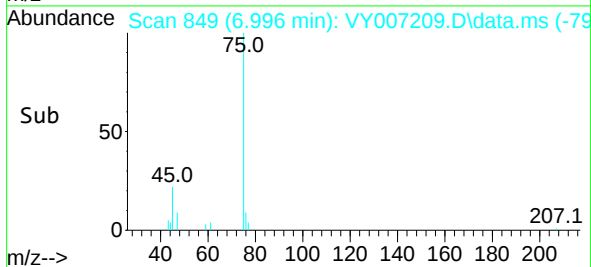
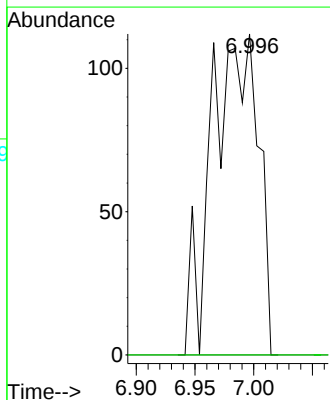
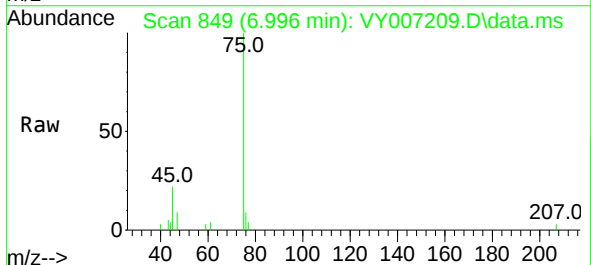


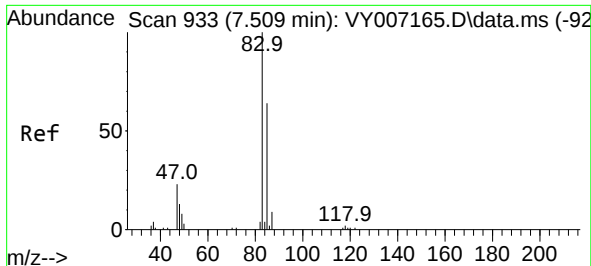
Tgt Ion: 43 Resp: 298
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.6#



#25
2-Butanone
Concen: 1.502 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.013 min
Lab File: VY007209.D
Acq: 18 Jan 2022 14:32

Tgt Ion: 43 Resp: 308
Ion Ratio Lower Upper
43 100
72 0.0 21.9 32.9#

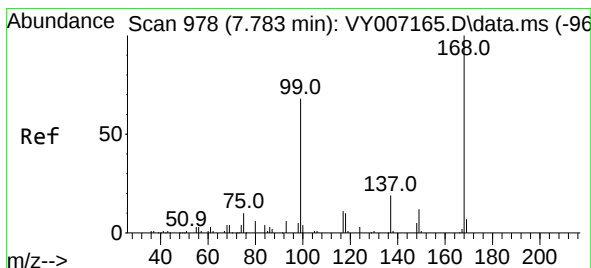
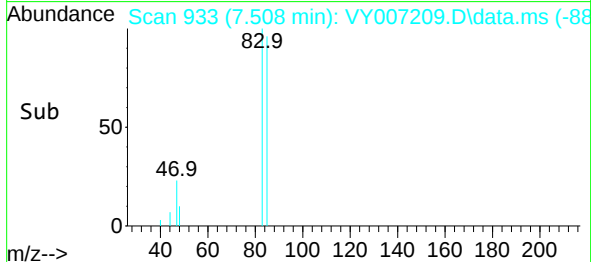
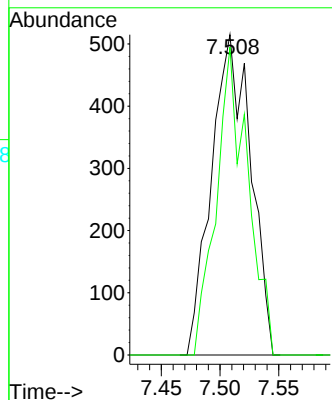
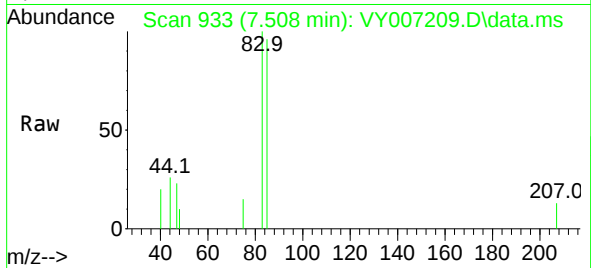




#30
Chloroform
Concen: 1.032 ug/l
RT: 7.508 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007209.D
Acq: 18 Jan 2022 14:32

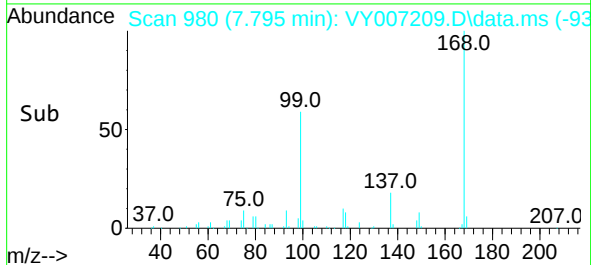
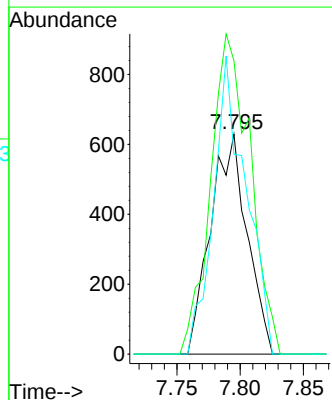
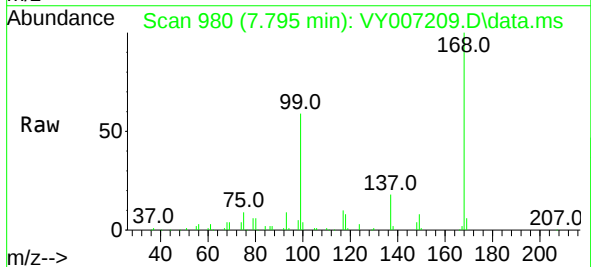
Instrument :
MSVOA_Y
ClientSampleId :

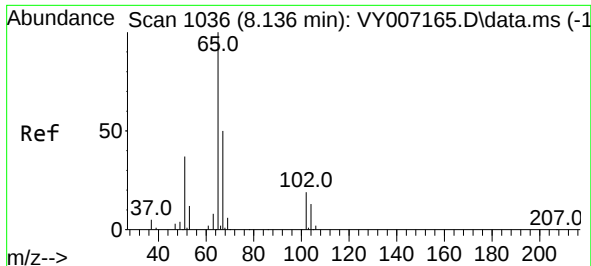
Tgt Ion: 83 Resp: 1194
Ion Ratio Lower Upper
83 100
85 96.1 50.9 76.3#



#31
Cyclohexane
Concen: 1.225 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY007209.D
Acq: 18 Jan 2022 14:32

Tgt Ion: 56 Resp: 1266
Ion Ratio Lower Upper
56 100
69 133.4 27.2 40.8#
84 90.9 72.1 108.1





#33

1,2-Dichloroethane-d4

Concen: 35.667 ug/l

RT: 8.143 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY007209.D

Acq: 18 Jan 2022 14:32

Instrument :

MSVOA_Y

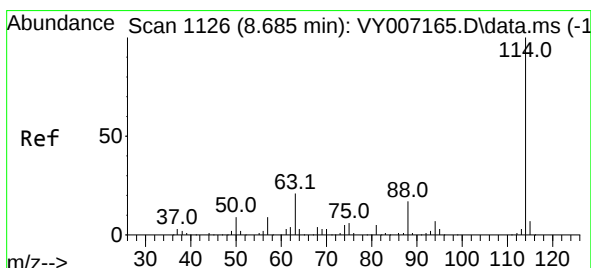
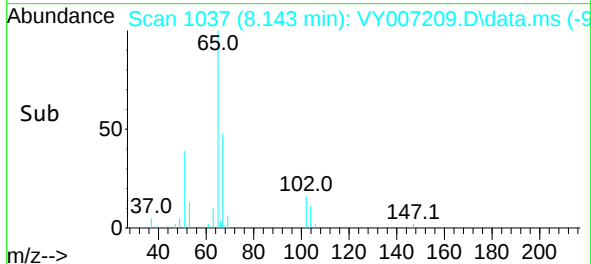
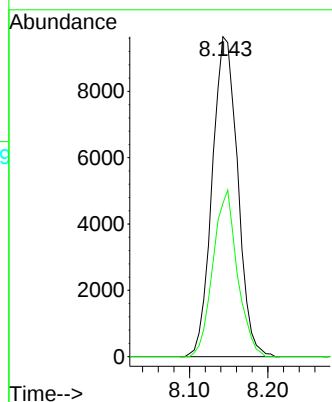
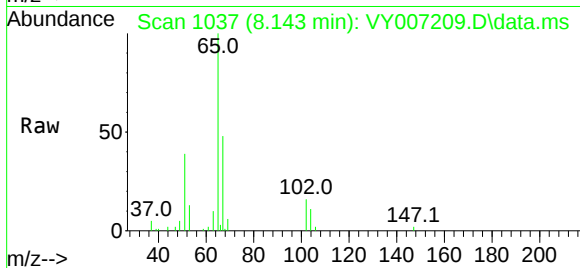
ClientSampleId :

Tgt Ion: 65 Resp: 21800

Ion Ratio Lower Upper

65 100

67 49.8 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007209.D

Acq: 18 Jan 2022 14:32

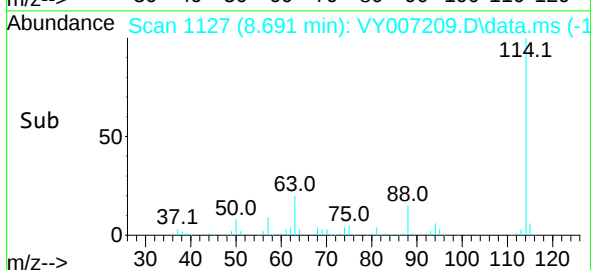
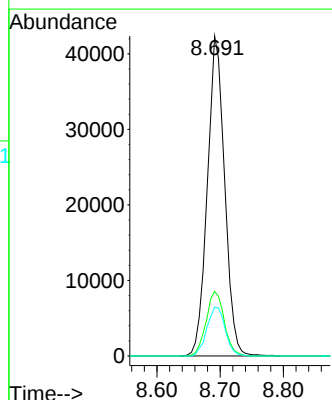
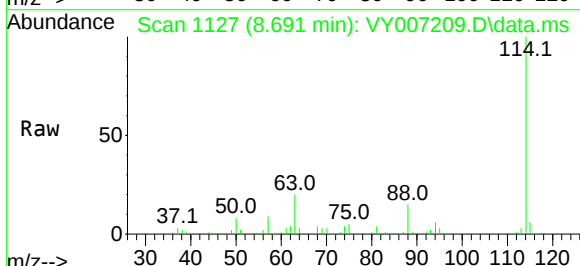
Tgt Ion: 114 Resp: 80729

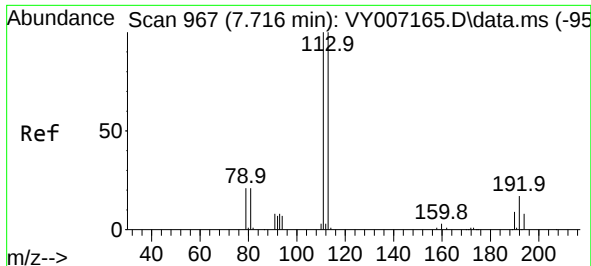
Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.2

88 15.2 0.0 31.0

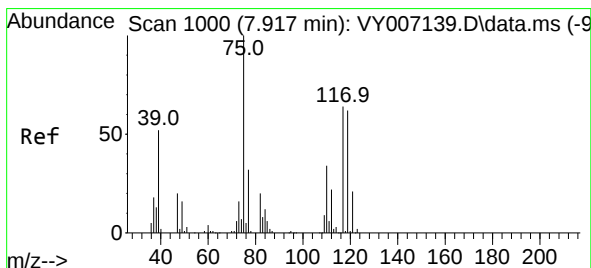
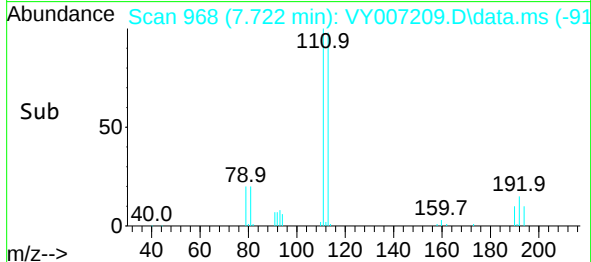
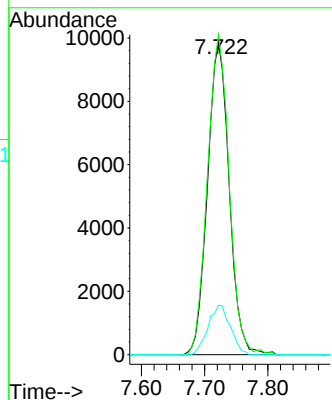
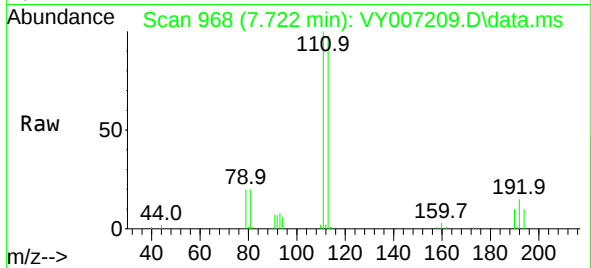




#35
Dibromofluoromethane
Concen: 42.977 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007209.D
Acq: 18 Jan 2022 14:32

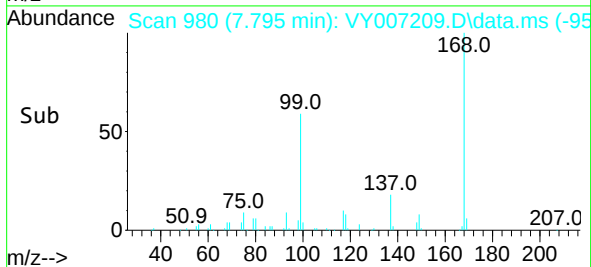
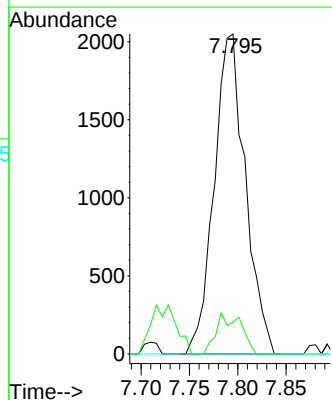
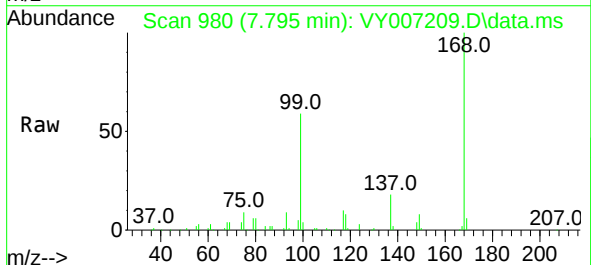
Instrument :
MSVOA_Y
ClientSampleId :

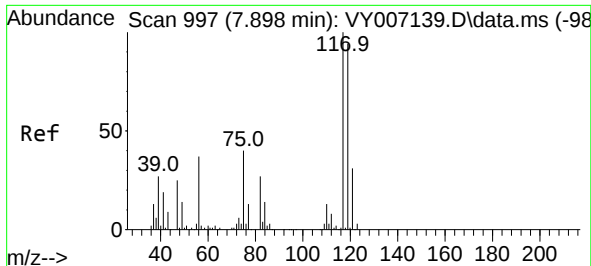
Tgt Ion:113 Resp: 23460
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.4
192 16.2 14.2 21.4



#36
1,1-Dichloropropene
Concen: 5.266 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY007209.D
Acq: 18 Jan 2022 14:32

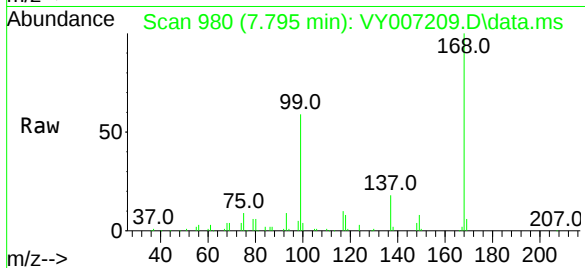
Tgt Ion: 75 Resp: 4591
Ion Ratio Lower Upper
75 100
110 10.1 17.3 51.9#
77 0.0 24.7 37.1#



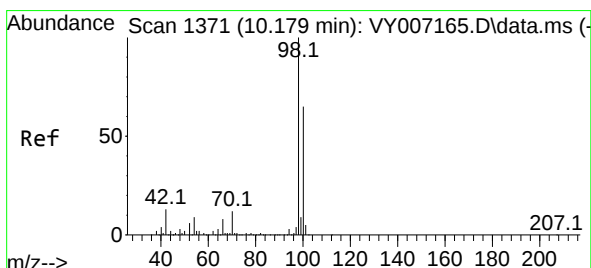
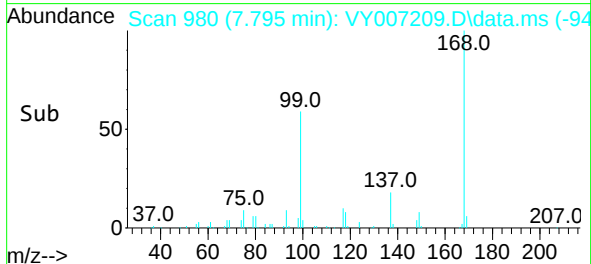
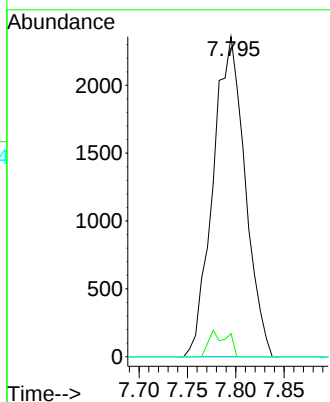


#38
Carbon Tetrachloride
Concen: 5.939 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY007209.D
Acq: 18 Jan 2022 14:32

Instrument :
MSVOA_Y
ClientSampleId :

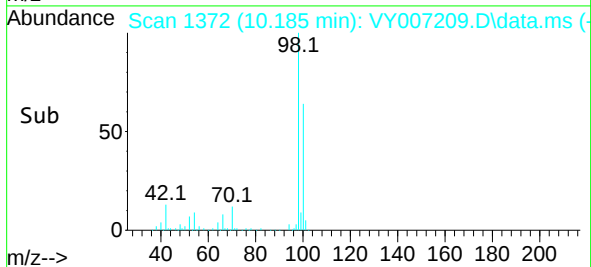
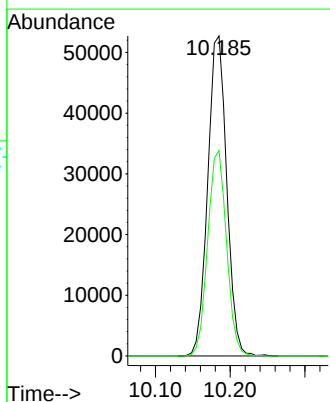
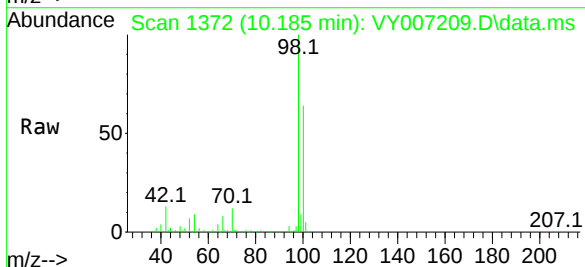


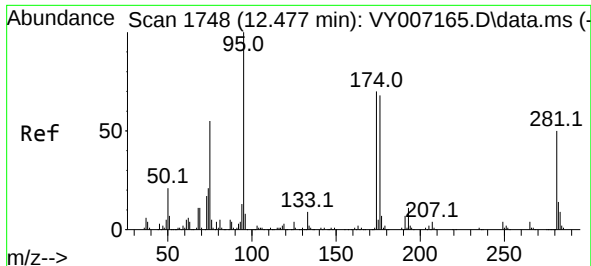
Tgt Ion:117 Resp: 5446
Ion Ratio Lower Upper
117 100
119 7.2 77.2 115.8#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 46.655 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY007209.D
Acq: 18 Jan 2022 14:32

Tgt Ion: 98 Resp: 93058
Ion Ratio Lower Upper
98 100
100 63.6 52.2 78.2

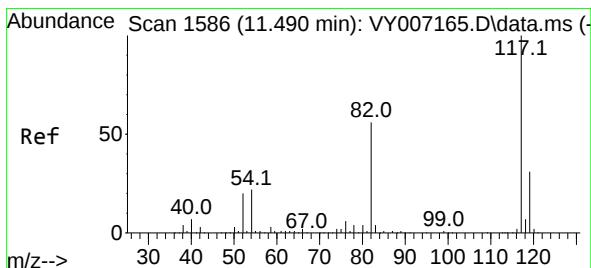
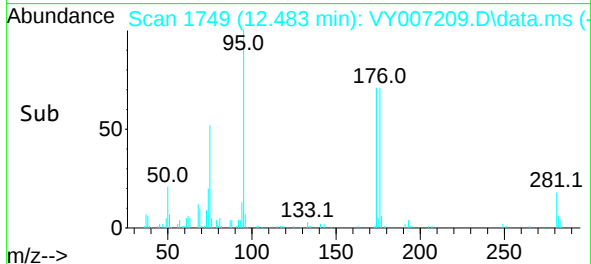
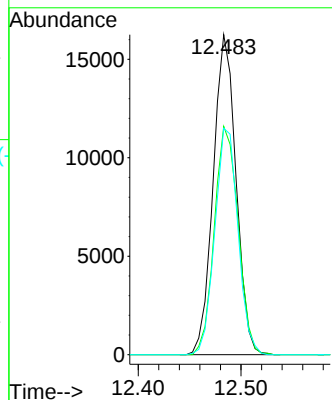
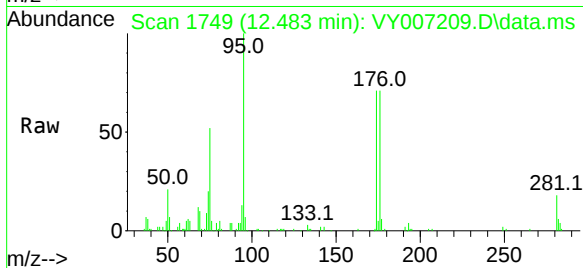




#62
4-Bromofluorobenzene
Concen: 35.288 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007209.D
Acq: 18 Jan 2022 14:32

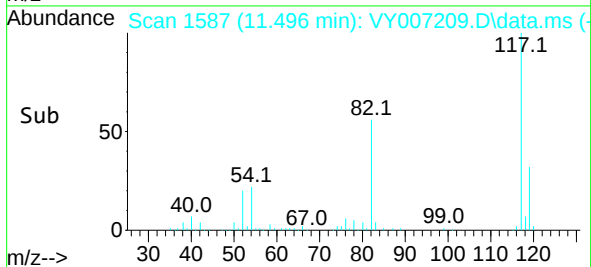
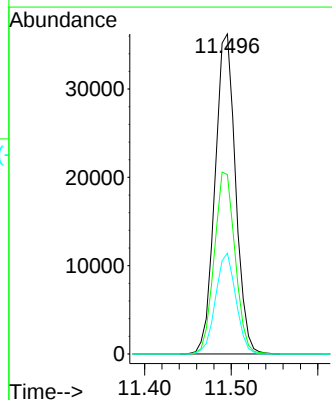
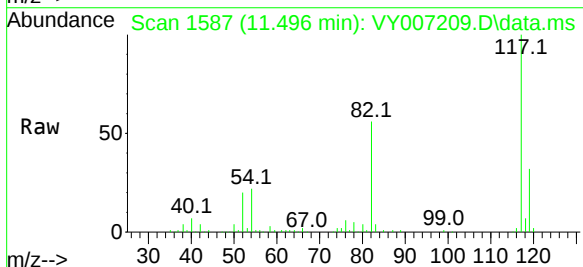
Instrument :
MSVOA_Y
ClientSampleId :

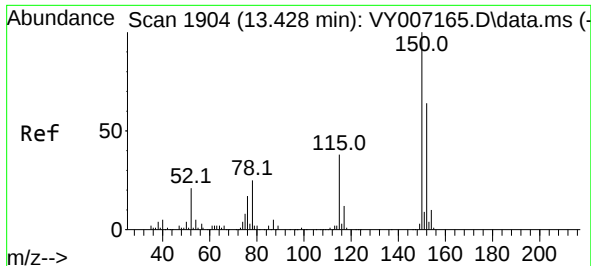
Tgt Ion: 95 Resp: 25037
Ion Ratio Lower Upper
95 100
174 74.3 0.0 148.4
176 71.6 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY007209.D
Acq: 18 Jan 2022 14:32

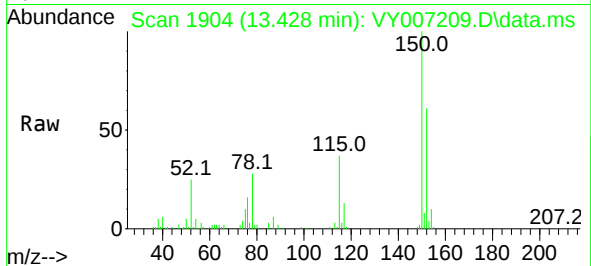
Tgt Ion: 117 Resp: 59723
Ion Ratio Lower Upper
117 100
82 56.0 45.4 68.0
119 31.5 26.4 39.6



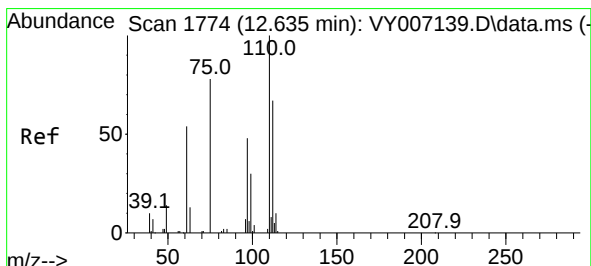
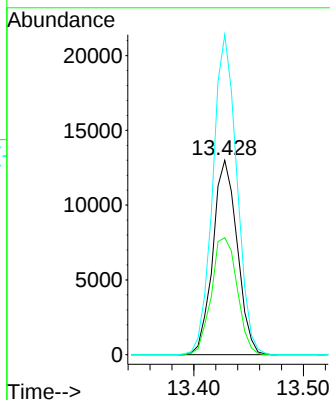
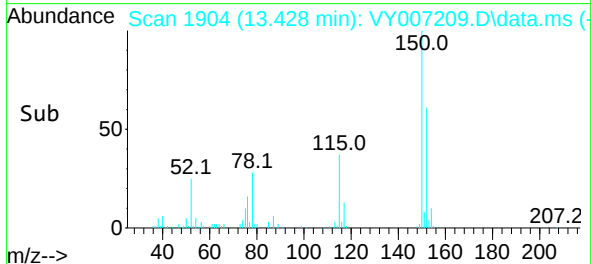


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY007209.D
 Acq: 18 Jan 2022 14:32

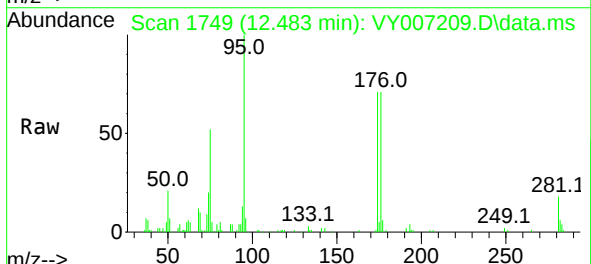
Instrument :
 MSVOA_Y
 ClientSampleId :



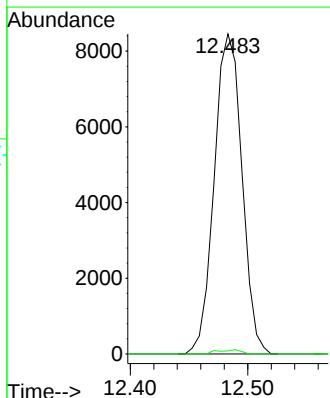
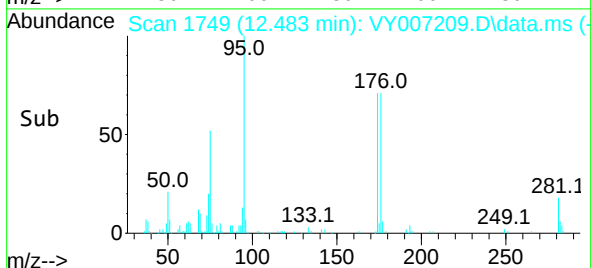
Tgt Ion:152 Resp: 20086
 Ion Ratio Lower Upper
 152 100
 115 63.6 31.4 94.0
 150 162.5 0.0 348.4

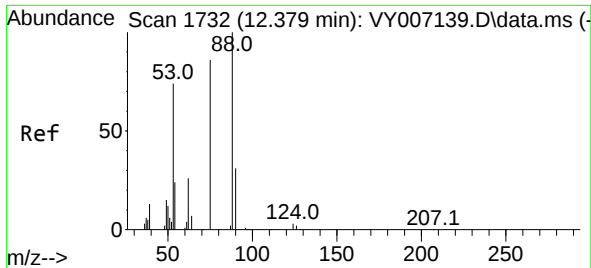


#76
 1,2,3-Trichloropropane
 Concen: 60.362 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY007209.D
 Acq: 18 Jan 2022 14:32



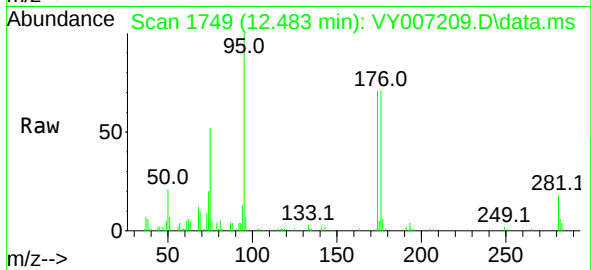
Tgt Ion: 75 Resp: 13825
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 110.507 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY007209.D
 Acq: 18 Jan 2022 14:32

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 13825
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.9 110.9#
 89 0.1 0.0 0.0#

