

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040522\
 Data File : VY008214.D
 Acq On : 05 Apr 2022 17:00
 Operator : SY/MD
 Sample : N2263-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LINDEN-NORTH

Quant Time: Apr 06 03:58:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

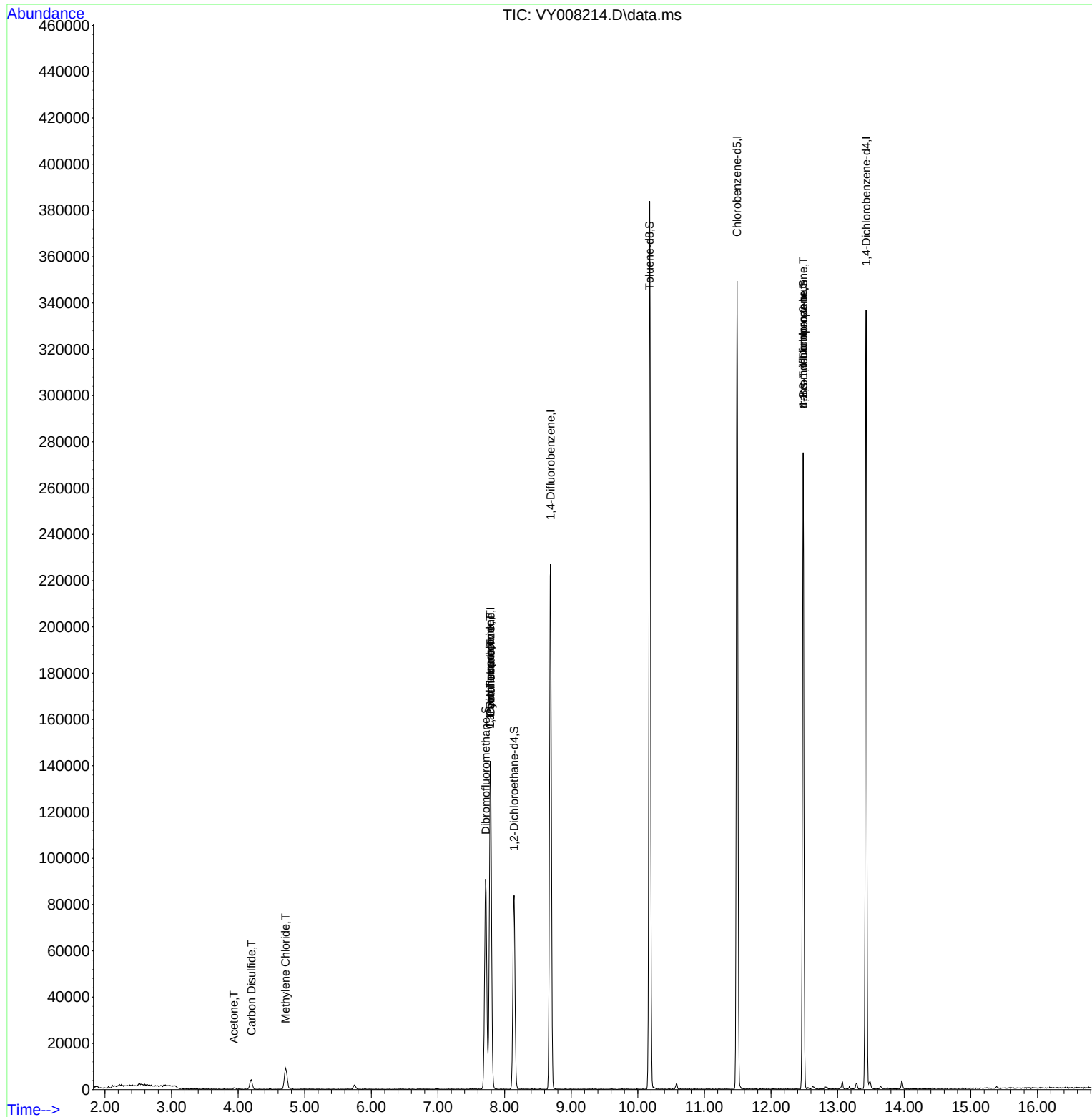
Internal Standards						
1) Pentafluorobenzene	7.789	168	112029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	203343	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	196749	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	85685	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	66020	58.737	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.480%
35) Dibromofluoromethane	7.716	113	64192	50.350	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.700%
50) Toluene-d8	10.179	98	250106	52.070	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.140%
62) 4-Bromofluorobenzene	12.483	95	82565	48.723	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.440%
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	1182	4.601	ug/l #	68
17) Carbon Disulfide	4.198	76	8878	2.636	ug/l	99
18) Methyl Acetate	4.466	43	243	Below Cal	#	56
20) Methylene Chloride	4.710	84	7709	1.319	ug/l #	77
31) Cyclohexane	7.789	56	2113	1.006	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	8623	4.306	ug/l #	51
38) Carbon Tetrachloride	7.783	117	11168	5.117	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	43893	42.023	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	43893	93.759	ug/l #	7

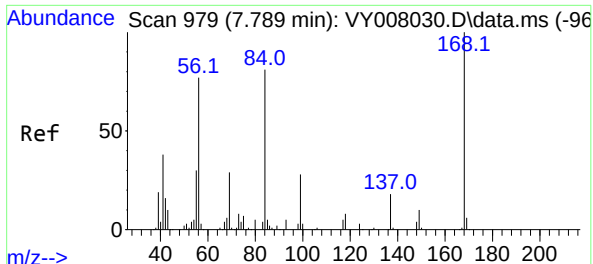
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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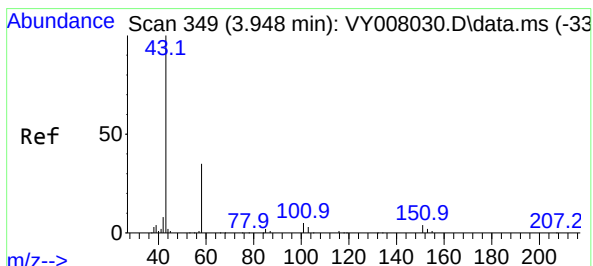
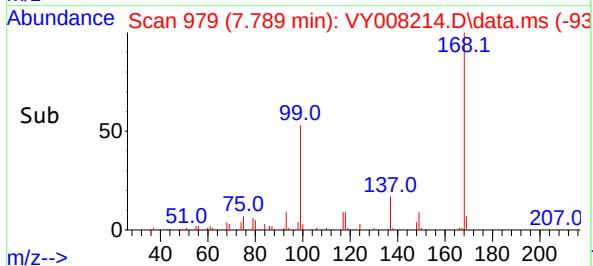
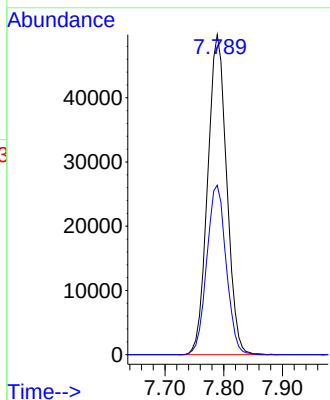
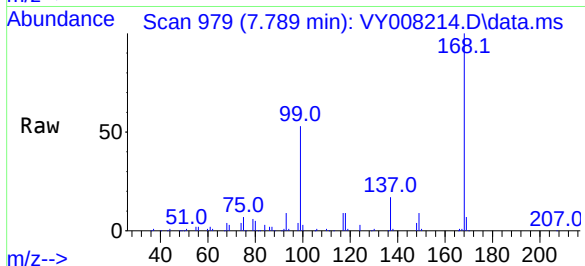




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008214.D
Acq: 05 Apr 2022 17:00

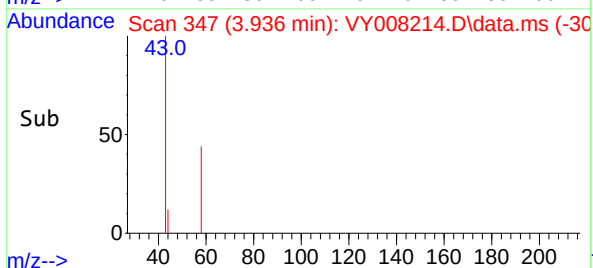
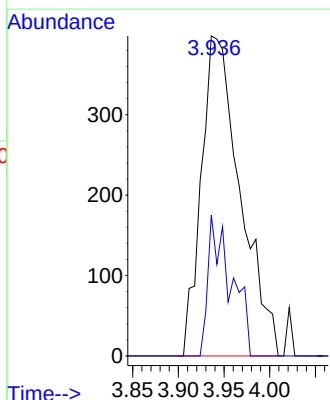
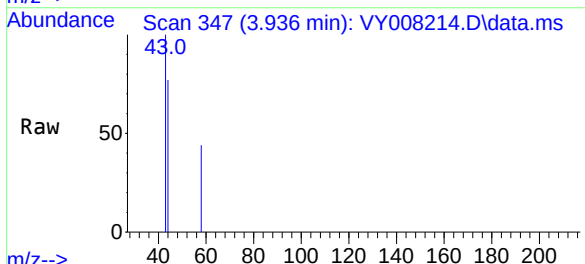
Instrument :
MSVOA_Y
ClientSampleId :
LINDEN-NORTH

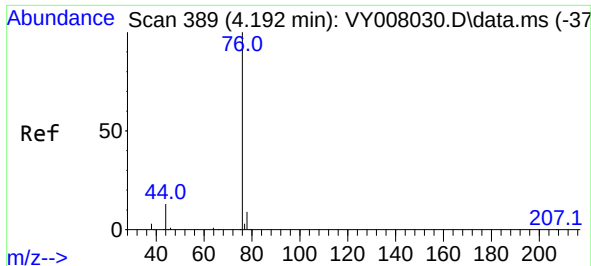
Tgt Ion:168 Resp: 112029
Ion Ratio Lower Upper
168 100
99 53.0 46.9 70.3



#16
Acetone
Concen: 4.601 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY008214.D
Acq: 05 Apr 2022 17:00

Tgt Ion: 43 Resp: 1182
Ion Ratio Lower Upper
43 100
58 44.0 22.0 33.0#

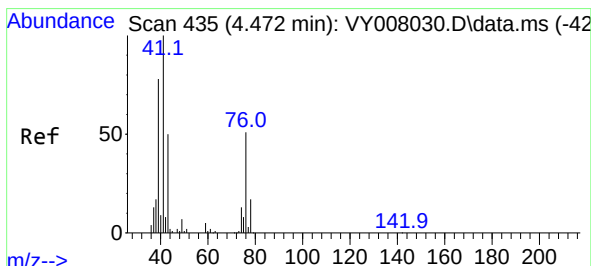
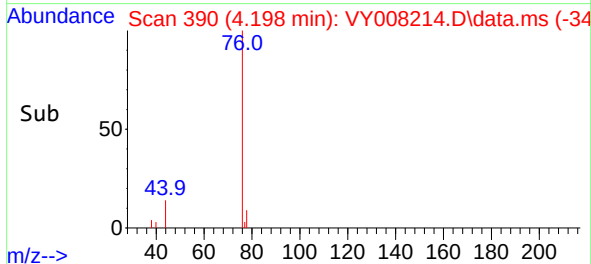
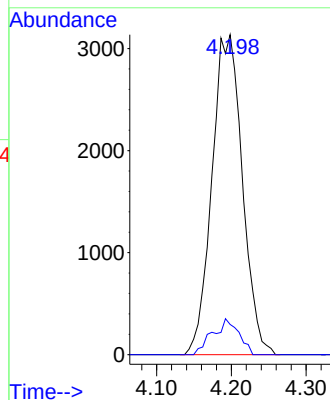
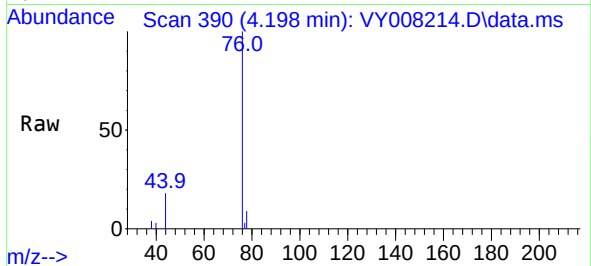




#17
Carbon Disulfide
Concen: 2.636 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY008214.D
Acq: 05 Apr 2022 17:00

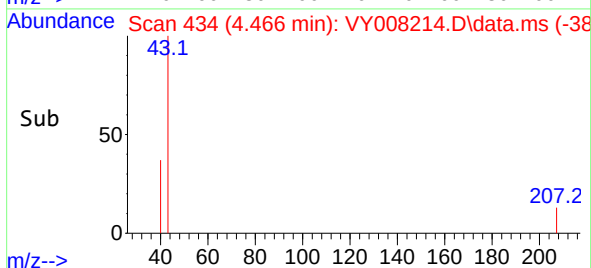
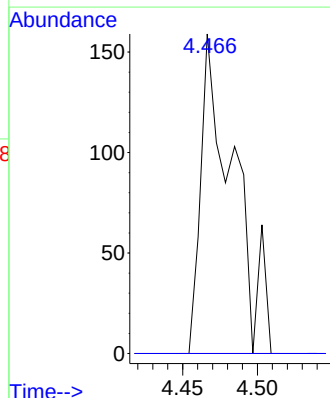
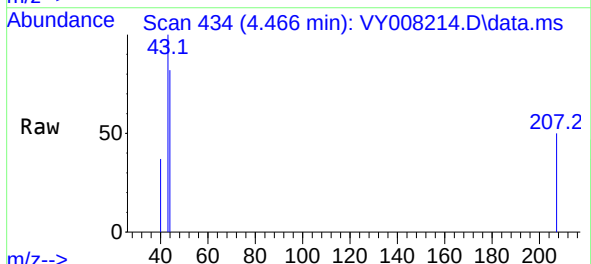
Instrument :
MSVOA_Y
ClientSampleId :
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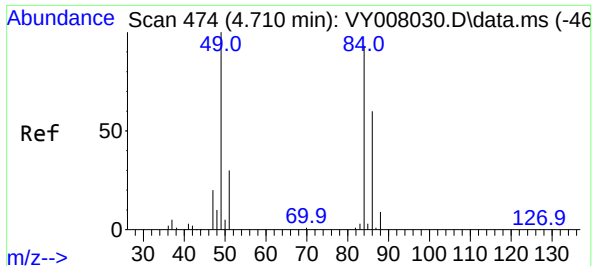
Tgt Ion: 76 Resp: 8878
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY008214.D
Acq: 05 Apr 2022 17:00

Tgt Ion: 43 Resp: 243
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

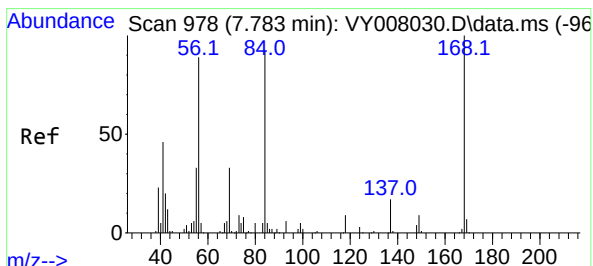
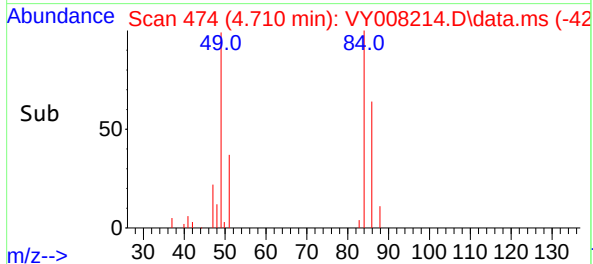
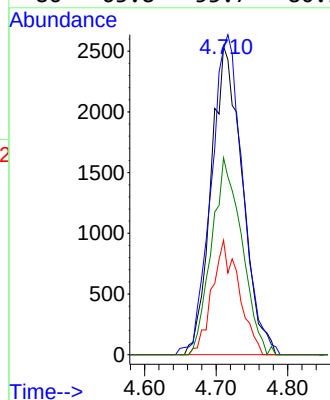
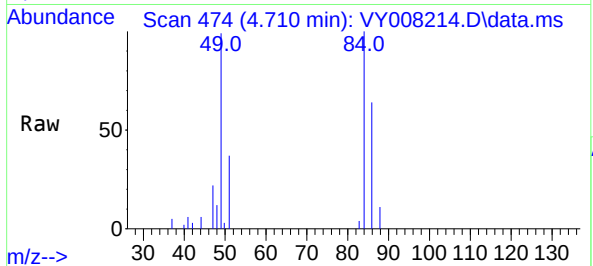




#20
Methylene Chloride
Concen: 1.319 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008214.D
Acq: 05 Apr 2022 17:00

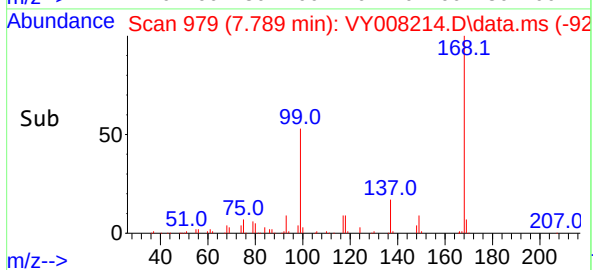
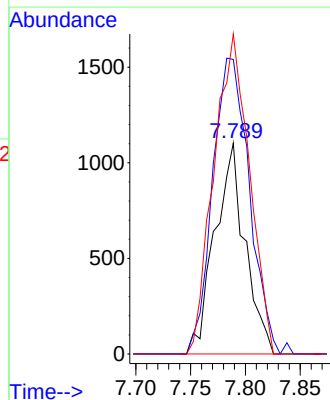
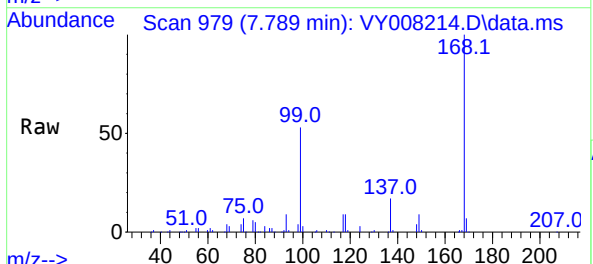
Instrument :
MSVOA_Y
ClientSampleId :
LINDEN-NORTH

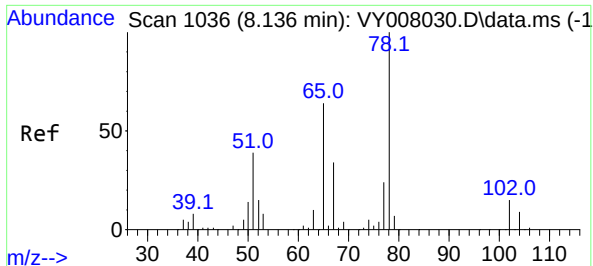
Tgt Ion: 84 Resp: 7709
Ion Ratio Lower Upper
84 100
49 99.2 114.4 171.6#
51 37.1 35.3 52.9
86 63.8 53.7 80.5



#31
Cyclohexane
Concen: 1.006 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY008214.D
Acq: 05 Apr 2022 17:00

Tgt Ion: 56 Resp: 2113
Ion Ratio Lower Upper
56 100
69 139.7 26.7 40.1#
84 151.8 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 58.737 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY008214.D

Acq: 05 Apr 2022 17:00

Instrument :

MSVOA_Y

ClientSampleId :

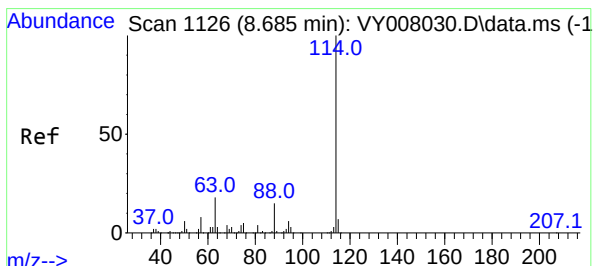
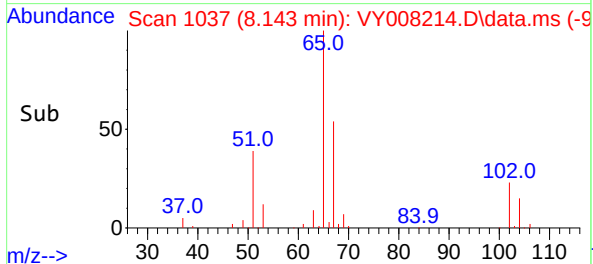
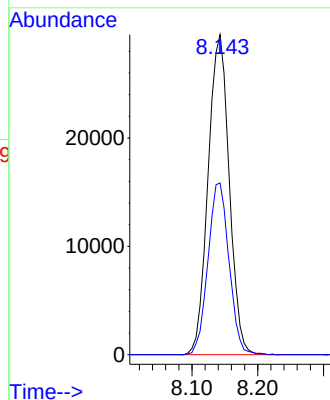
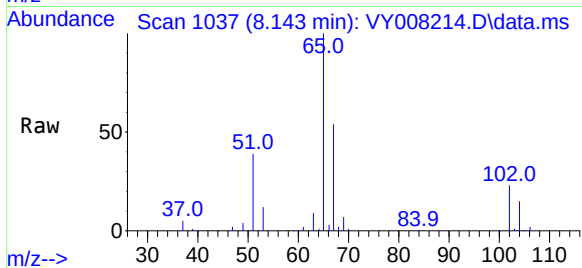
LINDEN-NORTH

Tgt Ion: 65 Resp: 66020

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. 0.006 min

Lab File: VY008214.D

Acq: 05 Apr 2022 17:00

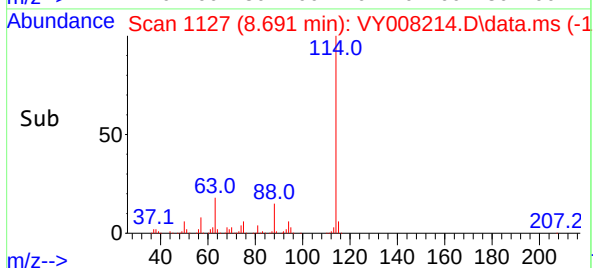
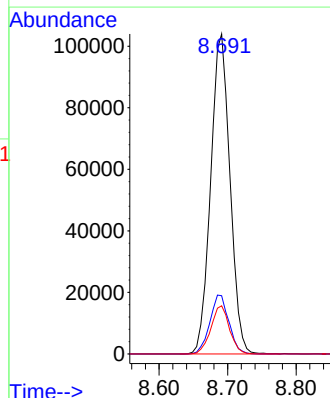
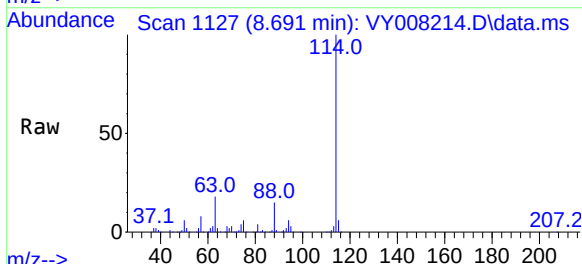
Tgt Ion: 114 Resp: 203343

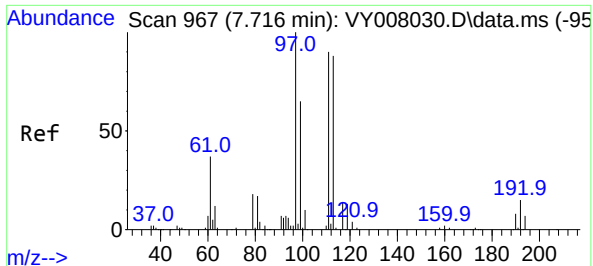
Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 15.0 0.0 31.8

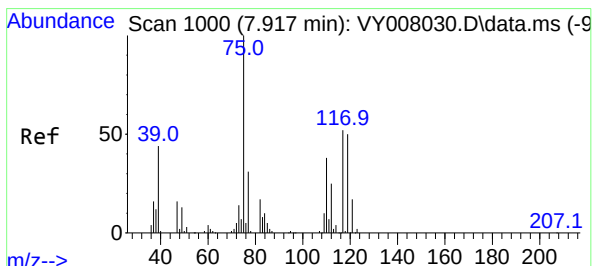
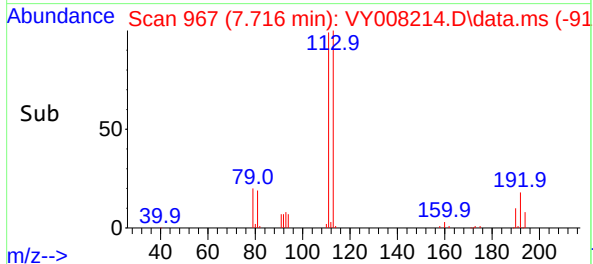
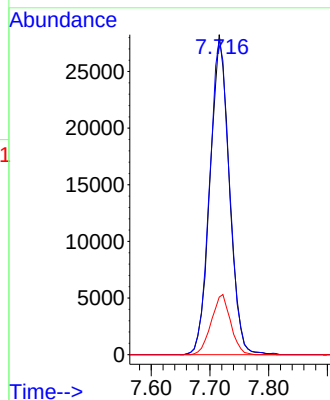
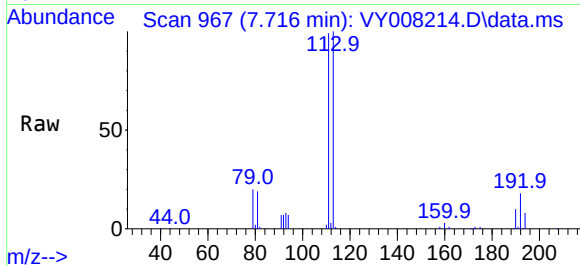




#35
Dibromofluoromethane
Concen: 50.350 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY008214.D
Acq: 05 Apr 2022 17:00

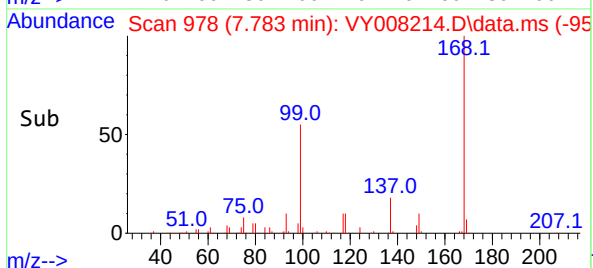
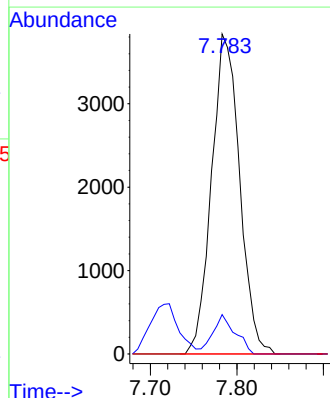
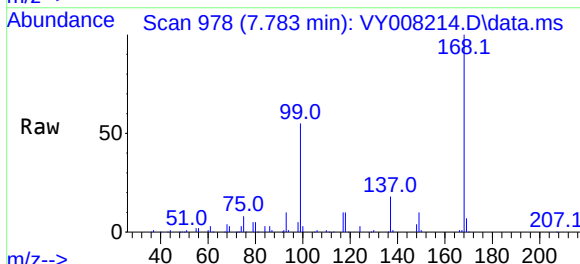
Instrument :
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ClientSampleId :
LINDEN-NORTH

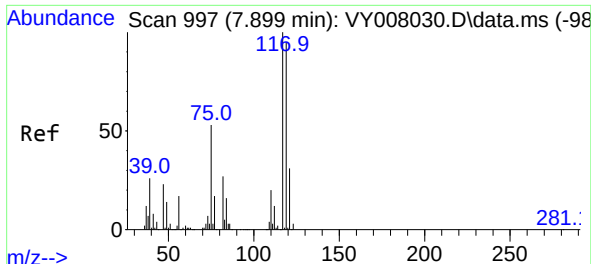
Tgt Ion:113 Resp: 64192
Ion Ratio Lower Upper
113 100
111 101.7 82.6 124.0
192 18.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.306 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY008214.D
Acq: 05 Apr 2022 17:00

Tgt Ion: 75 Resp: 8623
Ion Ratio Lower Upper
75 100
110 10.0 17.1 51.2#
77 0.0 24.4 36.6#

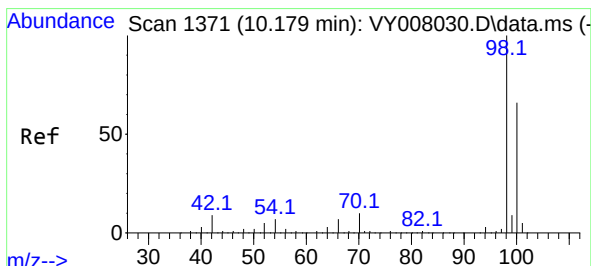
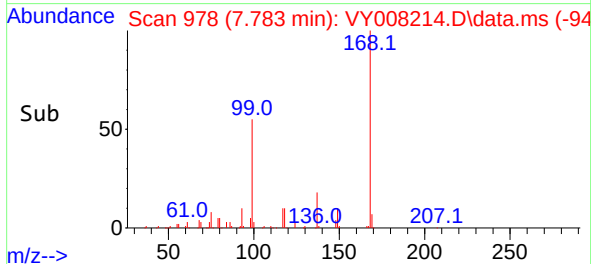
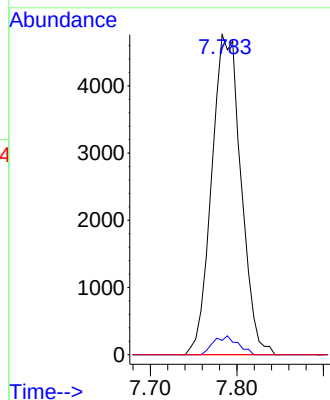
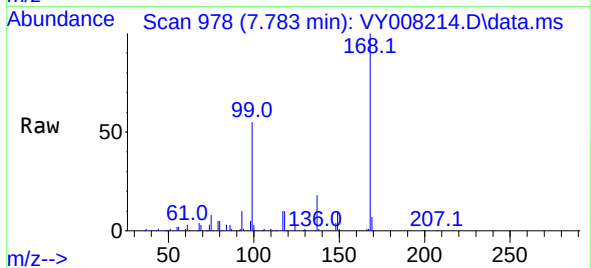




#38
Carbon Tetrachloride
Concen: 5.117 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY008214.D
Acq: 05 Apr 2022 17:00

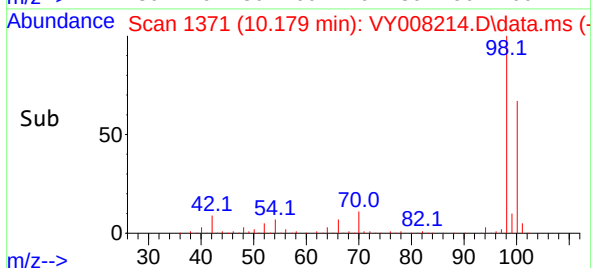
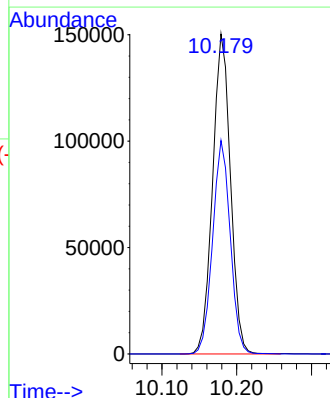
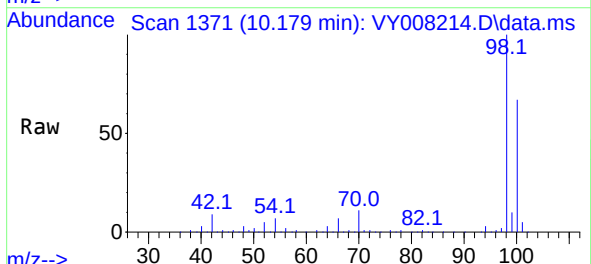
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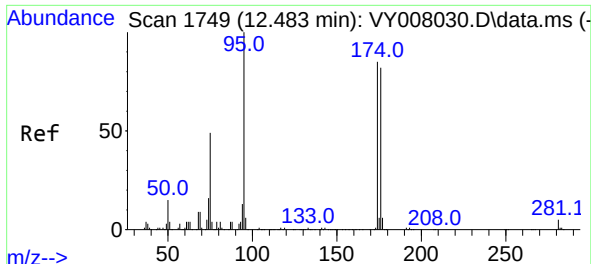
Tgt Ion:117 Resp: 11168
Ion Ratio Lower Upper
117 100
119 4.5 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.070 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008214.D
Acq: 05 Apr 2022 17:00

Tgt Ion: 98 Resp: 250106
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2

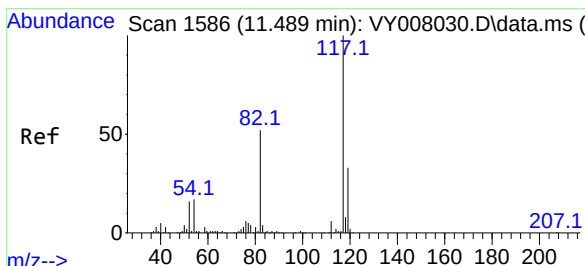
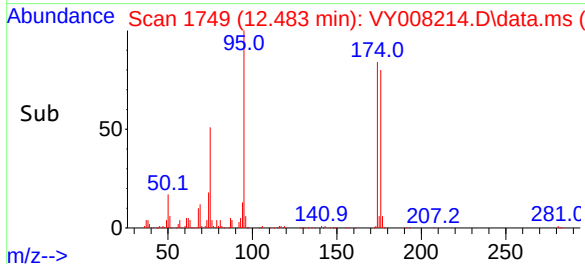
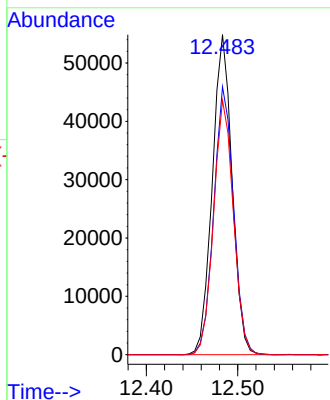
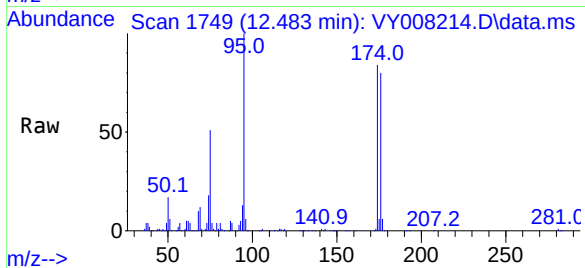




#62
4-Bromofluorobenzene
Concen: 48.723 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008214.D
Acq: 05 Apr 2022 17:00

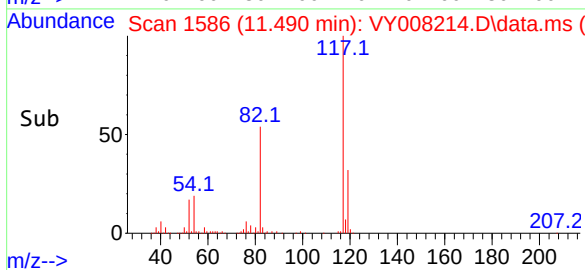
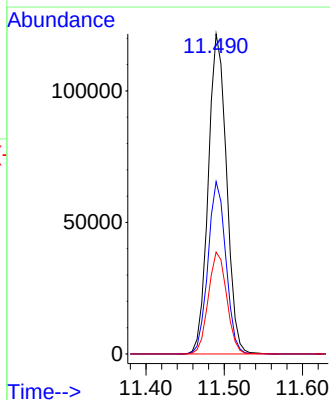
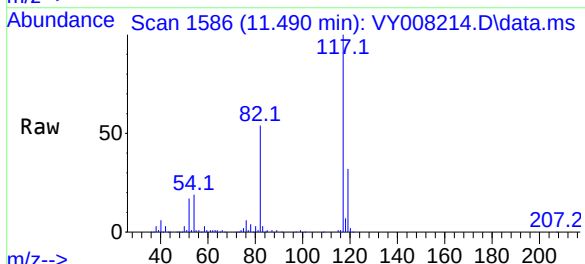
Instrument :
MSVOA_Y
ClientSampleId :
LINDEN-NORTH

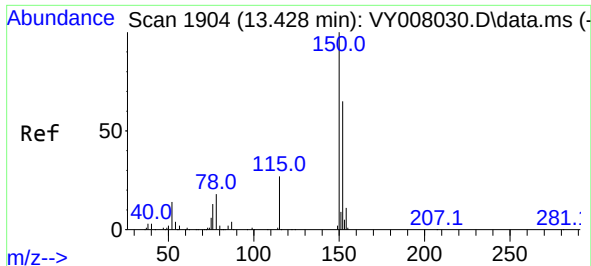
Tgt Ion: 95 Resp: 82565
Ion Ratio Lower Upper
95 100
174 84.0 0.0 177.0
176 79.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY008214.D
Acq: 05 Apr 2022 17:00

Tgt Ion: 117 Resp: 196749
Ion Ratio Lower Upper
117 100
82 53.8 43.0 64.4
119 31.8 25.4 38.0

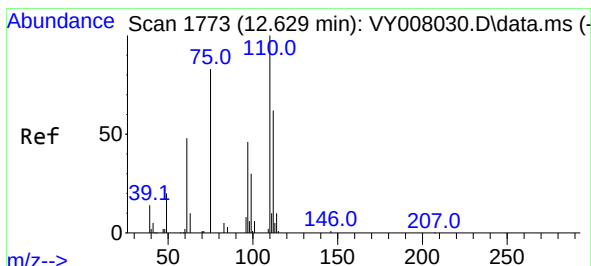
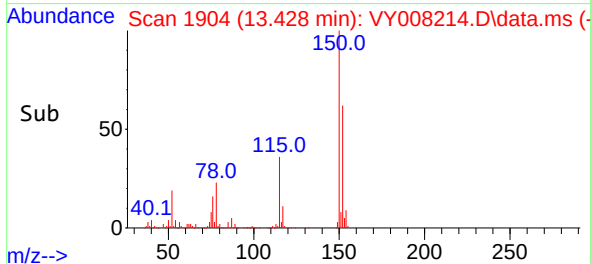
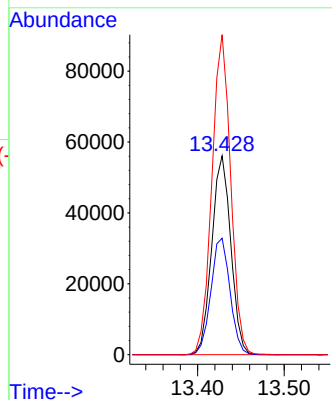
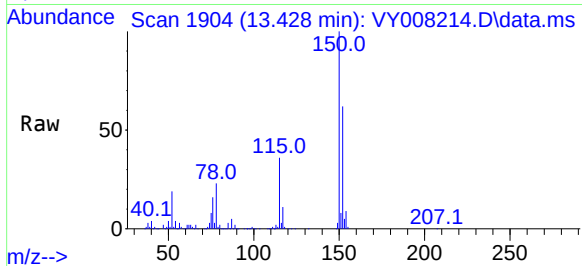




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008214.D
 Acq: 05 Apr 2022 17:00

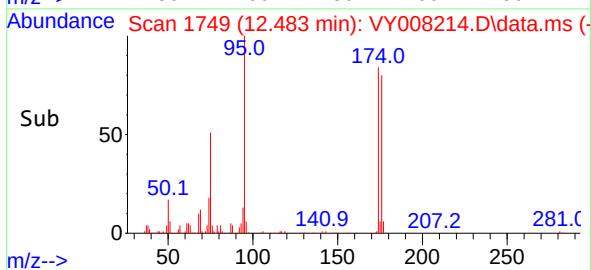
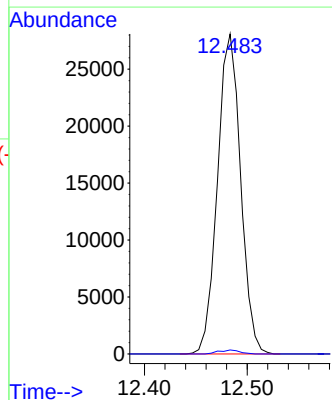
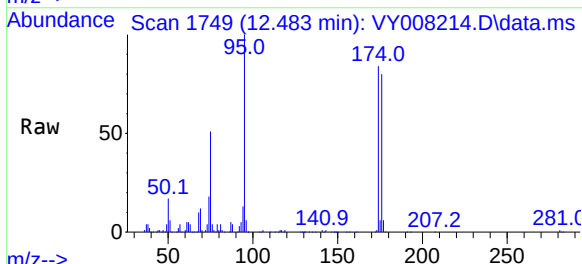
Instrument :
 MSVOA_Y
 ClientSampleId :
 LINDEN-NORTH

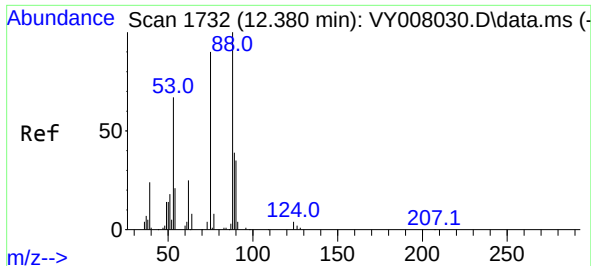
Tgt Ion:152 Resp: 85685
 Ion Ratio Lower Upper
 152 100
 115 58.9 28.2 84.7
 150 158.7 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 42.023 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY008214.D
 Acq: 05 Apr 2022 17:00

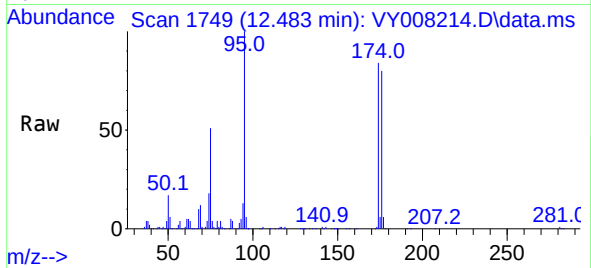
Tgt Ion: 75 Resp: 43893
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.759 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY008214.D
 Acq: 05 Apr 2022 17:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 LINDEN-NORTH



Tgt Ion: 75 Resp: 43893
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

