

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY009013.D
 Acq On : 23 May 2022 17:51
 Operator : KP/MD
 Sample : N2963-03
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-208

Quant Time: May 24 01:49:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

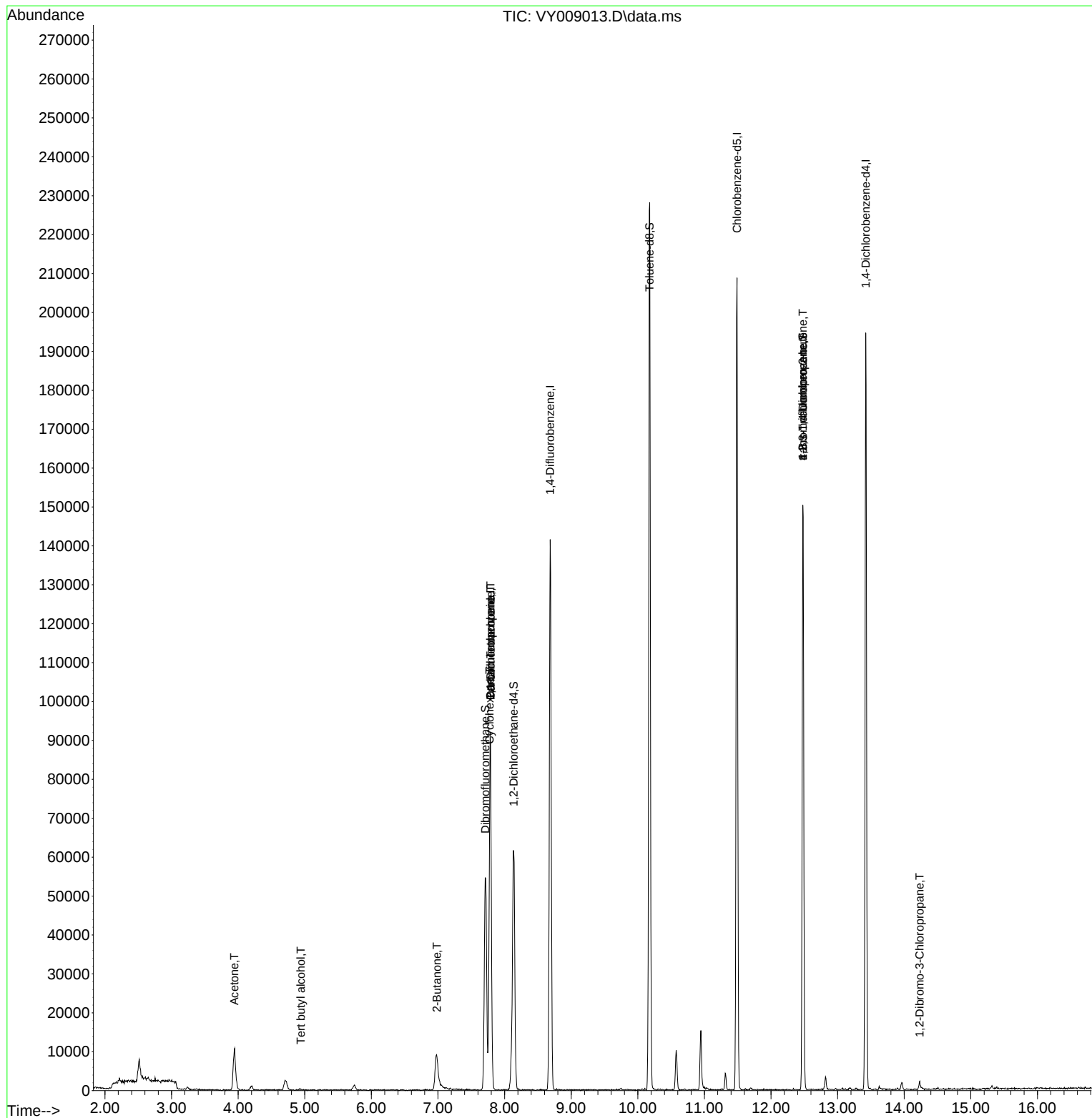
Internal Standards						
1) Pentafluorobenzene	7.789	168	68537	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	117888	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	109833	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	46503	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	44324	62.838	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.680%	
35) Dibromofluoromethane	7.710	113	39200	53.473	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.940%	
50) Toluene-d8	10.179	98	146732	54.256	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.520%	
62) 4-Bromofluorobenzene	12.477	95	40077	36.736	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 73.480%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	171	2.390	ug/l #	77
16) Acetone	3.942	43	17438	118.765	ug/l	96
20) Methylene Chloride	4.710	84	2007	Below Cal	#	65
25) 2-Butanone	6.984	43	350	1.335	ug/l #	54
31) Cyclohexane	7.777	56	1631	1.182	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	5868	4.704	ug/l #	51
38) Carbon Tetrachloride	7.789	117	6972	5.342	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	23143	46.343	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	23143	95.119	ug/l #	7
92) 1,2-Dibromo-3-Chloropr...	14.233	75	159	1.430	ug/l #	6

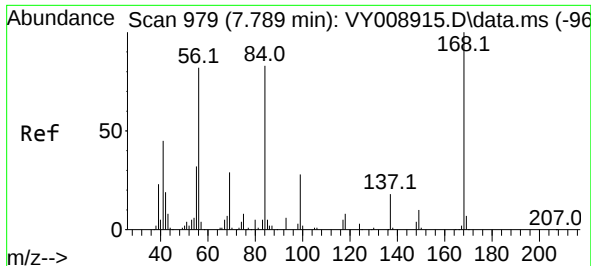
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
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MSVOA_Y
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VNJ-208

Quant Time: May 24 01:49:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
Quant Title : SW846 8260
QLast Update : Fri May 20 23:50:52 2022
Response via : Initial Calibration

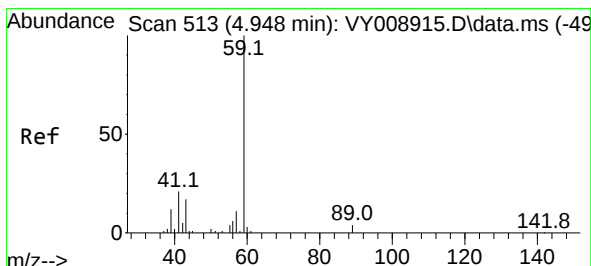
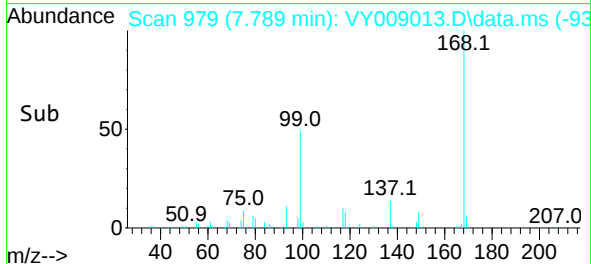
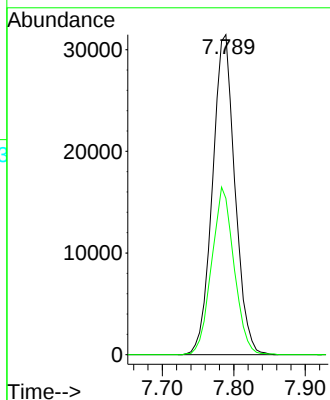
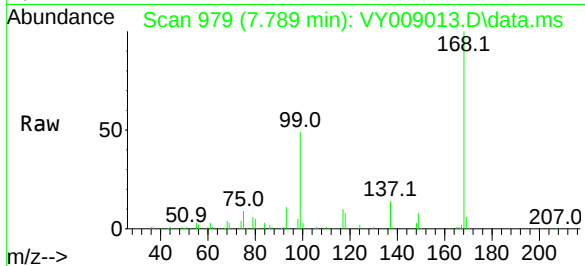




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009013.D
Acq: 23 May 2022 17:51

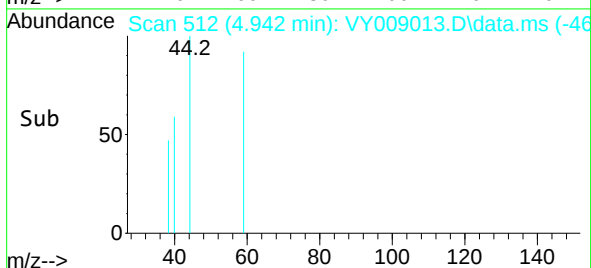
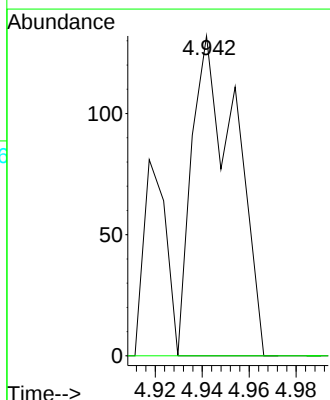
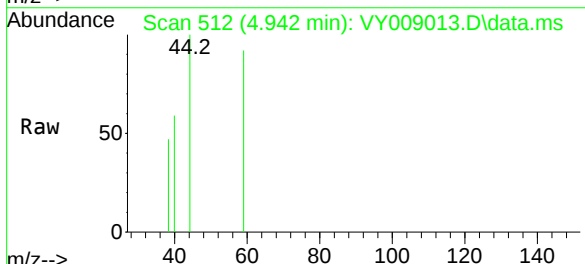
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-208

Tgt Ion:168 Resp: 68537
Ion Ratio Lower Upper
168 100
99 48.9 46.9 70.3



#11
Tert butyl alcohol
Concen: 2.390 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY009013.D
Acq: 23 May 2022 17:51

Tgt Ion: 59 Resp: 171
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

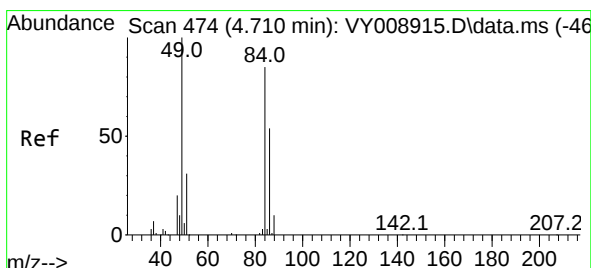
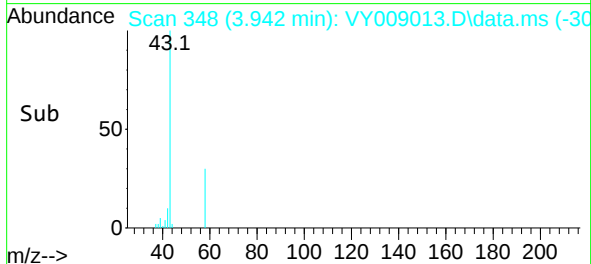
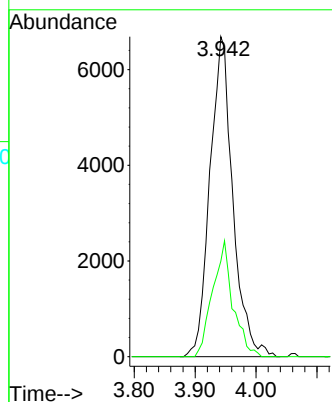
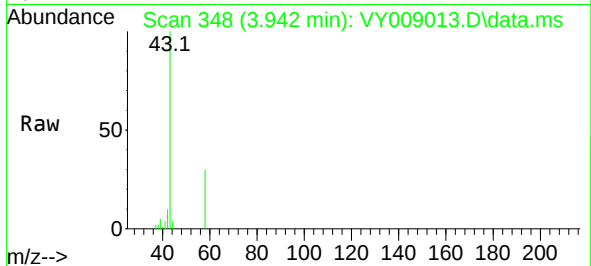




#16
Acetone
Concen: 118.765 ug/l
RT: 3.942 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY009013.D
Acq: 23 May 2022 17:51

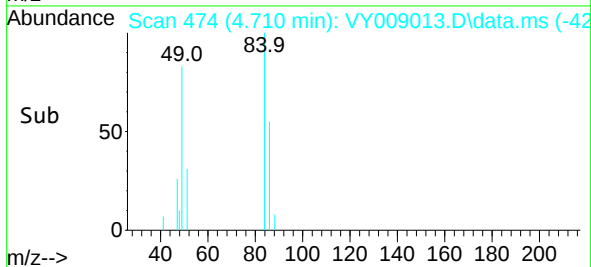
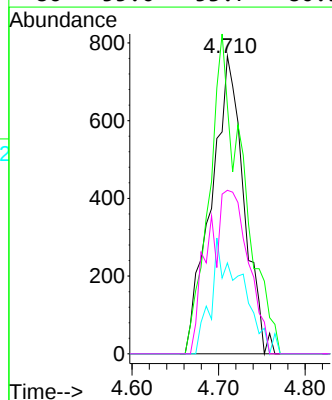
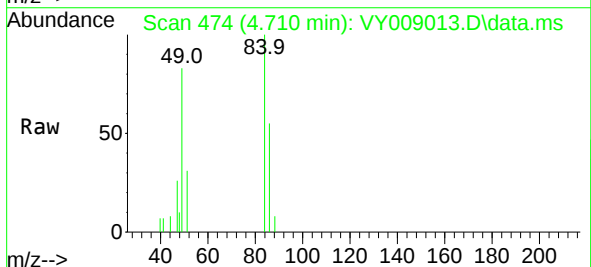
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-208

Tgt Ion: 43 Resp: 17438
Ion Ratio Lower Upper
43 100
58 29.8 22.0 33.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY009013.D
Acq: 23 May 2022 17:51

Tgt Ion: 84 Resp: 2007
Ion Ratio Lower Upper
84 100
49 83.3 114.4 171.6#
51 30.5 35.3 52.9#
86 55.0 53.7 80.5

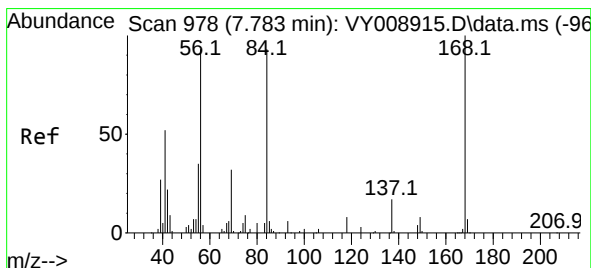
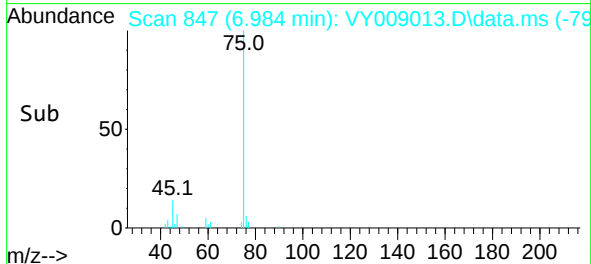
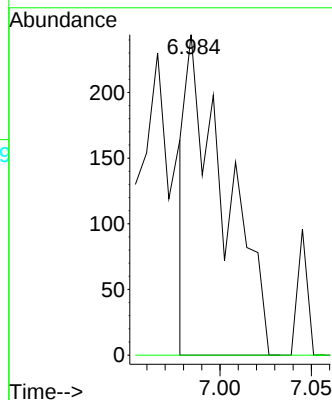
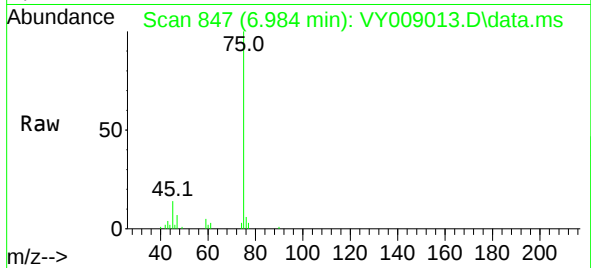




#25
2-Butanone
Concen: 1.335 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY009013.D
Acq: 23 May 2022 17:51

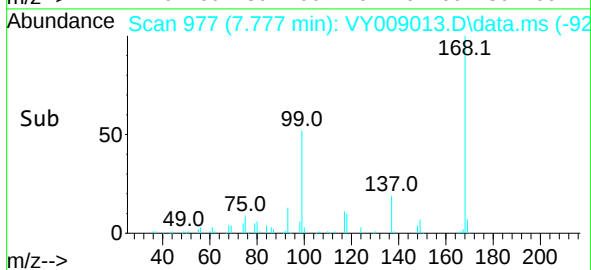
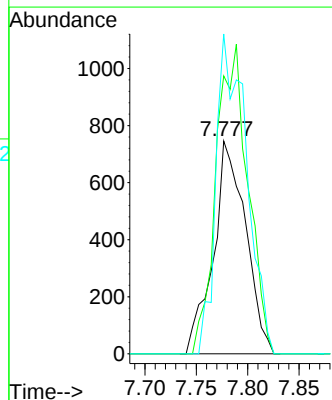
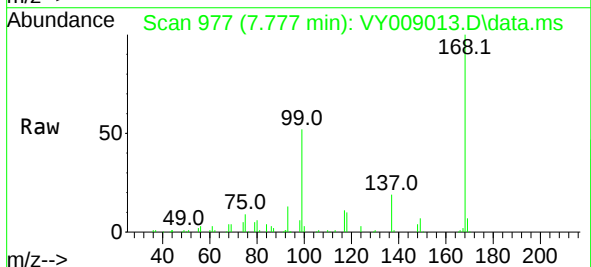
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-208

Tgt Ion: 43 Resp: 350
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#31
Cyclohexane
Concen: 1.182 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.006 min
Lab File: VY009013.D
Acq: 23 May 2022 17:51

Tgt Ion: 56 Resp: 1631
Ion Ratio Lower Upper
56 100
69 130.6 26.7 40.1#
84 150.3 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 62.838 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY009013.D

Acq: 23 May 2022 17:51

Instrument :

MSVOA_Y

ClientSampleId :

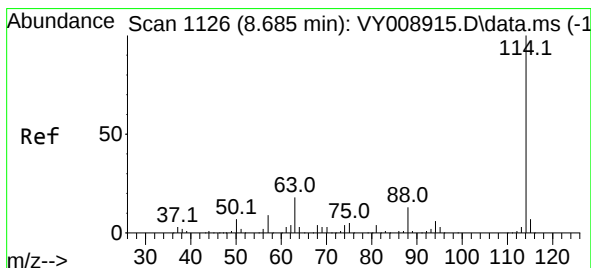
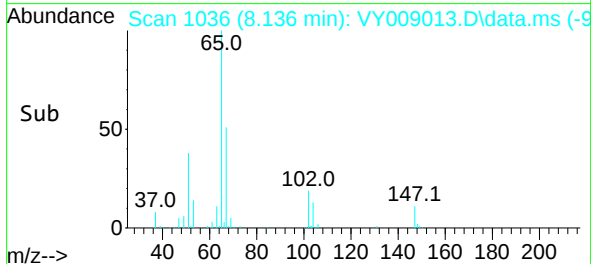
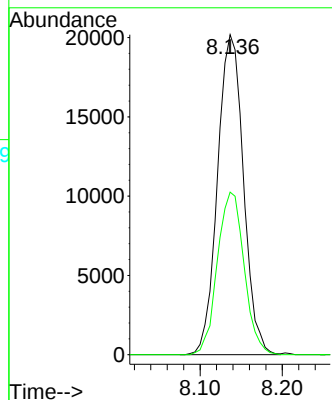
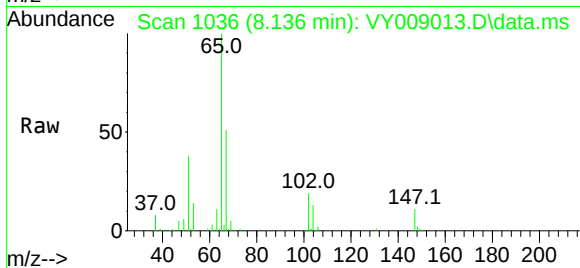
VNJ-208

Tgt Ion: 65 Resp: 44324

Ion Ratio Lower Upper

65 100

67 52.3 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: VY009013.D

Acq: 23 May 2022 17:51

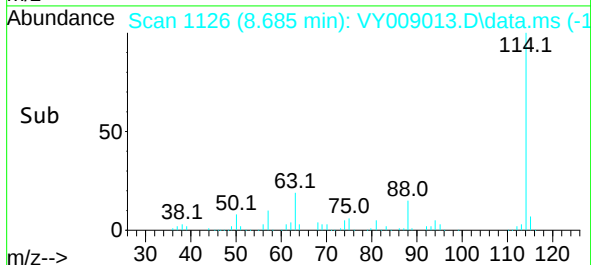
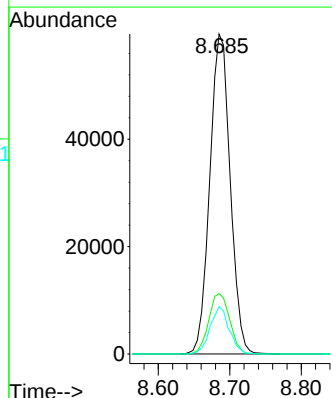
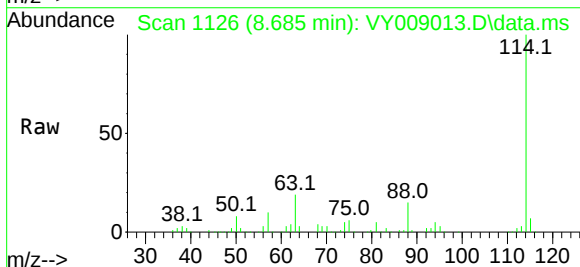
Tgt Ion: 114 Resp: 117888

Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 14.8 0.0 31.8

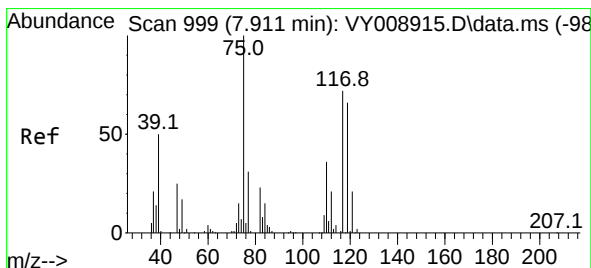
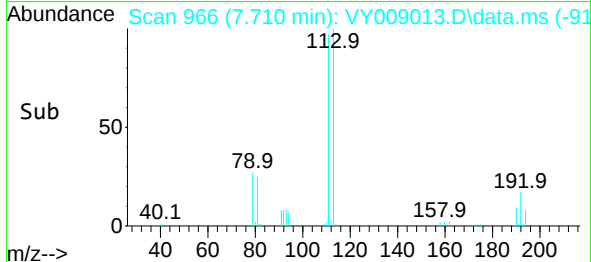
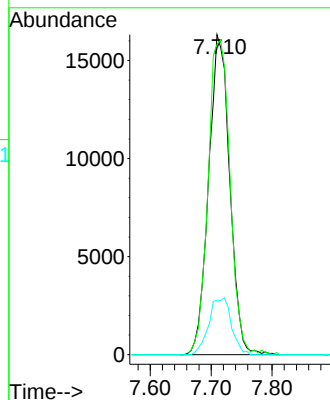
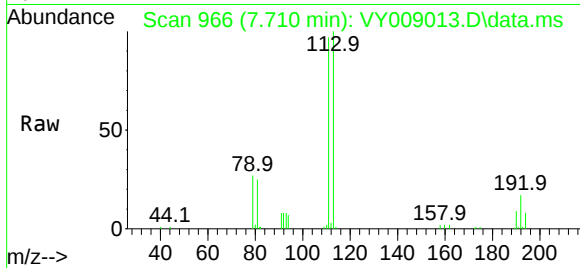




#35
Dibromofluoromethane
Concen: 53.473 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY009013.D
Acq: 23 May 2022 17:51

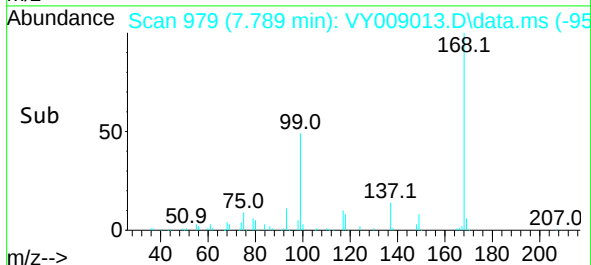
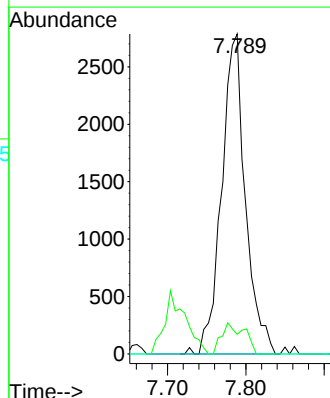
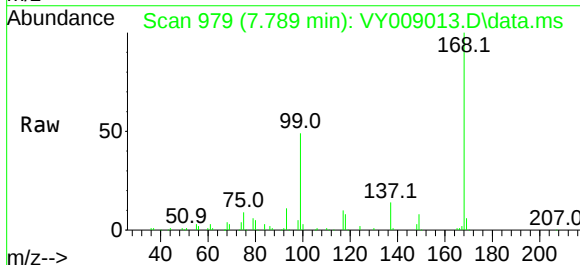
Instrument :
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ClientSampleId :
VNJ-208

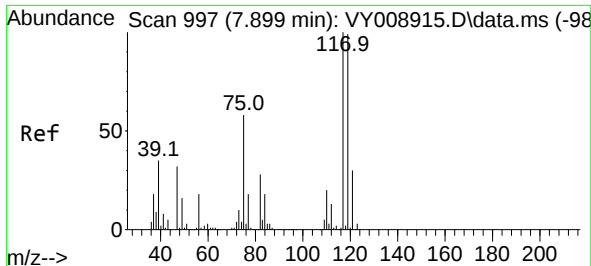
Tgt Ion:113 Resp: 39200
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 19.0 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.704 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY009013.D
Acq: 23 May 2022 17:51

Tgt Ion: 75 Resp: 5868
Ion Ratio Lower Upper
75 100
110 9.2 17.1 51.2#
77 0.0 24.4 36.6#

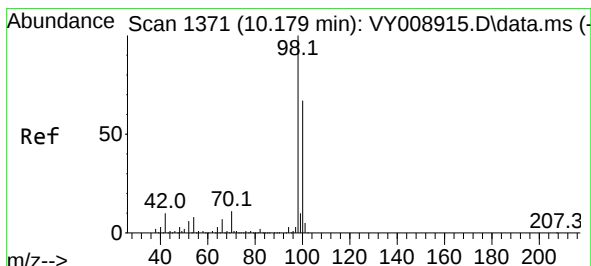
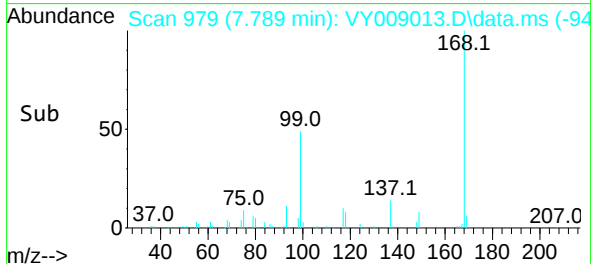
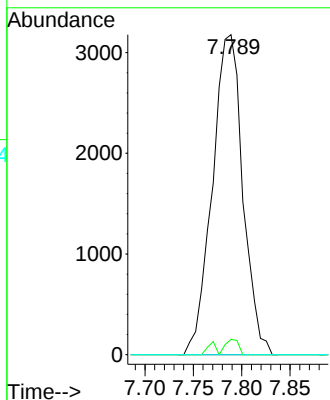
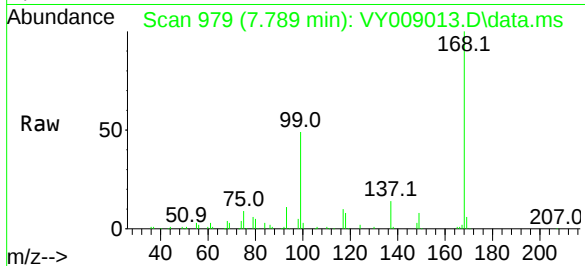




#38
Carbon Tetrachloride
Concen: 5.342 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009013.D
Acq: 23 May 2022 17:51

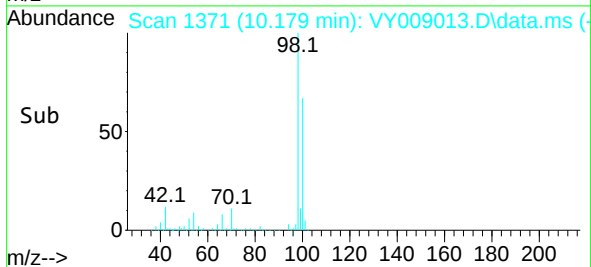
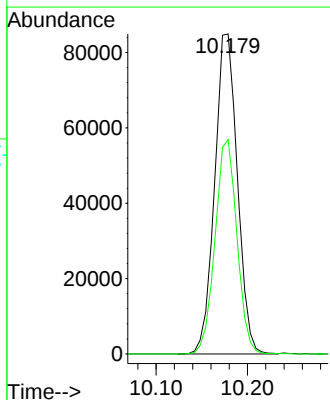
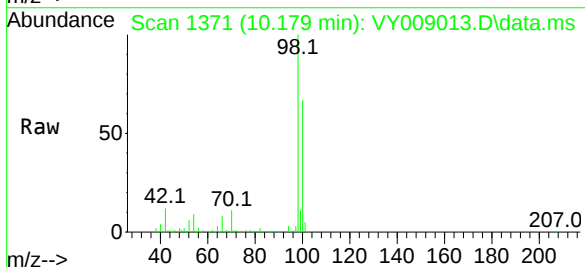
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-208

Tgt Ion:117 Resp: 6972
Ion Ratio Lower Upper
117 100
119 4.8 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.256 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009013.D
Acq: 23 May 2022 17:51

Tgt Ion: 98 Resp: 146732
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2

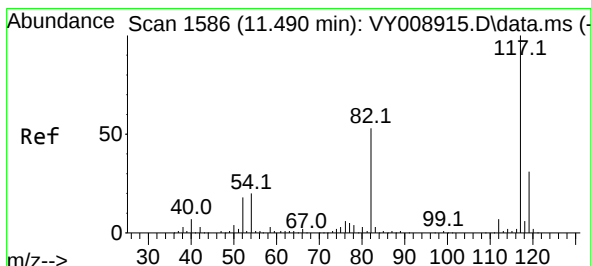
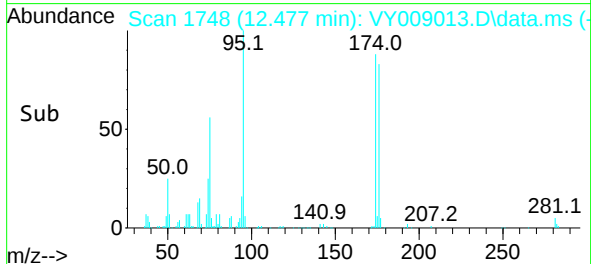
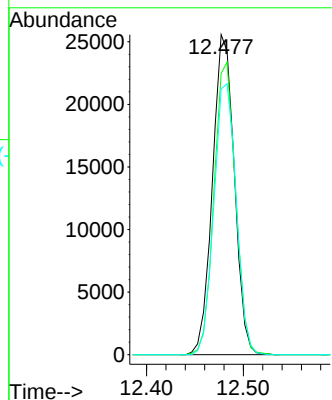
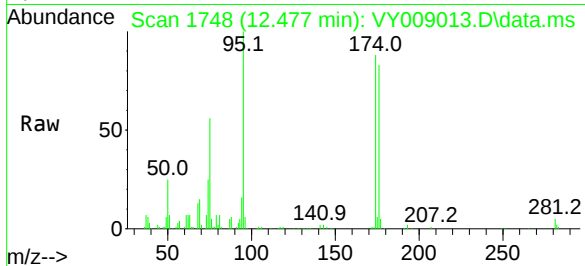




#62
4-Bromofluorobenzene
Concen: 36.736 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY009013.D
Acq: 23 May 2022 17:51

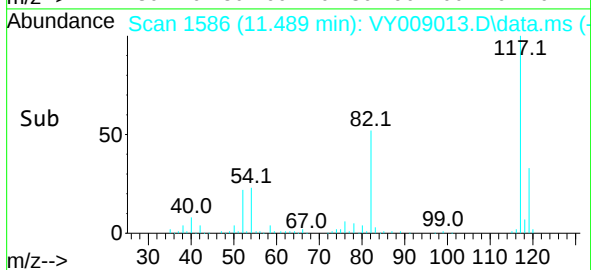
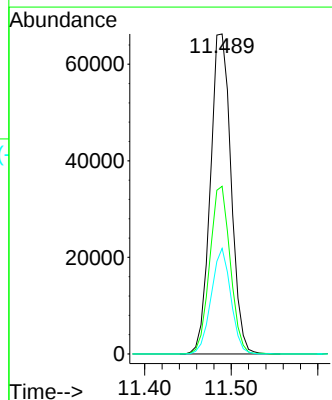
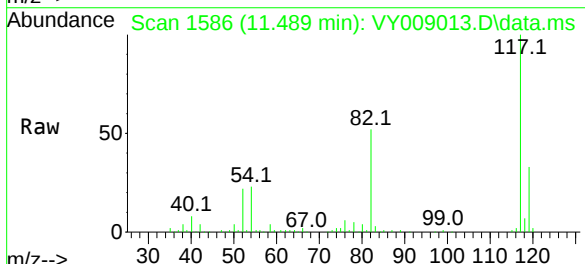
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-208

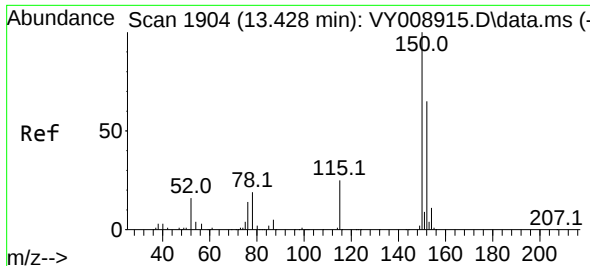
Tgt Ion: 95 Resp: 40077
Ion Ratio Lower Upper
95 100
174 90.1 0.0 177.0
176 86.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY009013.D
Acq: 23 May 2022 17:51

Tgt Ion: 117 Resp: 109833
Ion Ratio Lower Upper
117 100
82 52.4 43.0 64.4
119 33.0 25.4 38.0

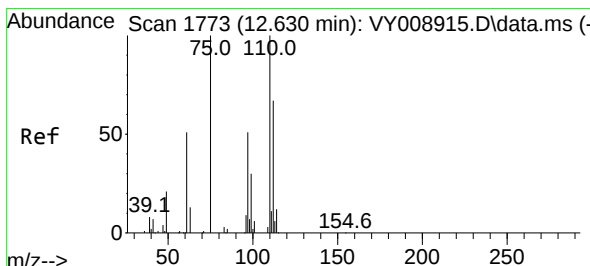
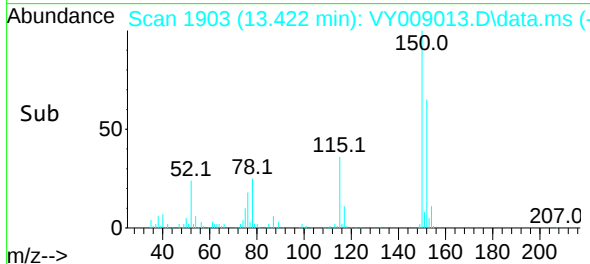
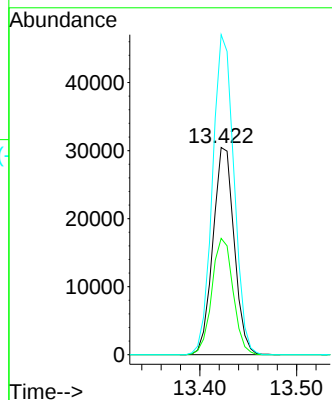
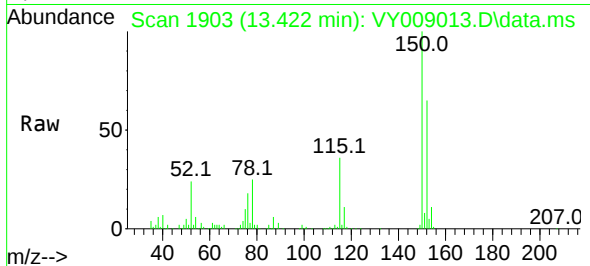




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009013.D
Acq: 23 May 2022 17:51

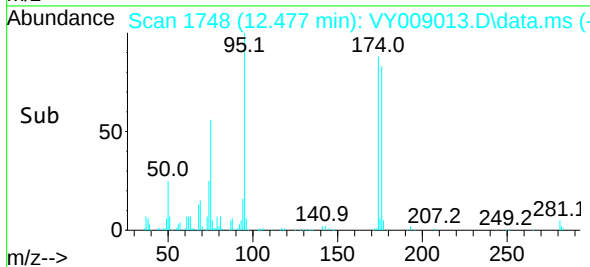
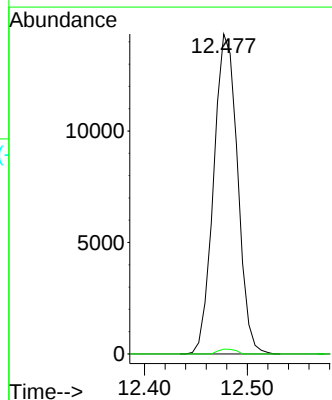
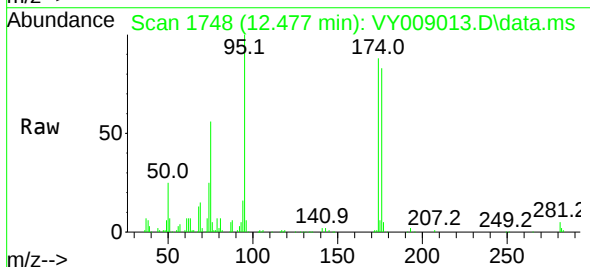
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-208

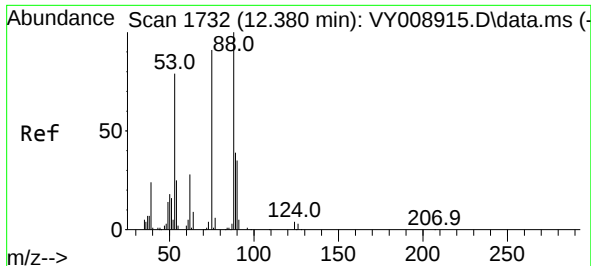
Tgt Ion:152 Resp: 46503
Ion Ratio Lower Upper
152 100
115 56.1 28.2 84.7
150 155.8 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 46.343 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009013.D
Acq: 23 May 2022 17:51

Tgt Ion: 75 Resp: 23143
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#

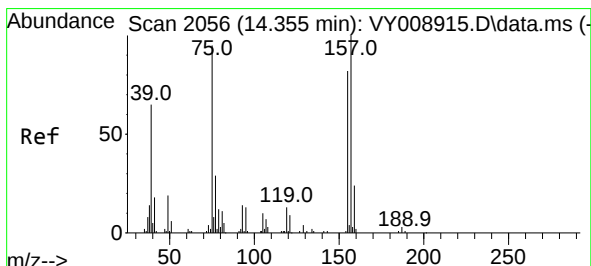
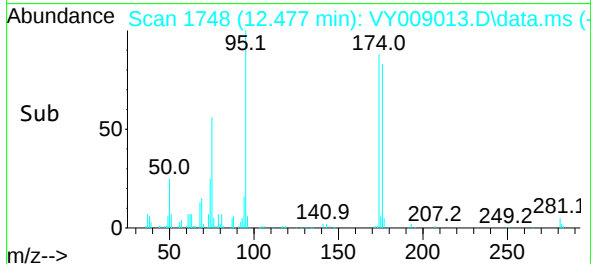
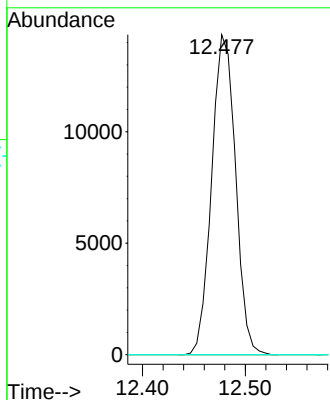
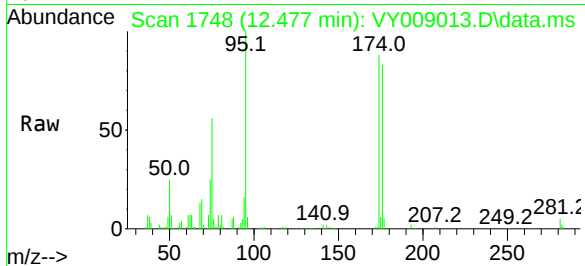




#81
trans-1,4-Dichloro-2-butene
Concen: 95.119 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY009013.D
Acq: 23 May 2022 17:51

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-208

Tgt Ion: 75 Resp: 23143
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.430 ug/l
RT: 14.233 min Scan# 2036
Delta R.T. -0.122 min
Lab File: VY009013.D
Acq: 23 May 2022 17:51

Tgt Ion: 75 Resp: 159
Ion Ratio Lower Upper
75 100
155 0.0 38.0 113.9#
157 0.0 47.8 143.3#

