

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041422\
 Data File : VN071994.D
 Acq On : 14 Apr 2022 13:54
 Operator : JC\MD
 Sample : N2406-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 15 01:37:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032422W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 24 12:03:44 2022
 Response via : Initial Calibration

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

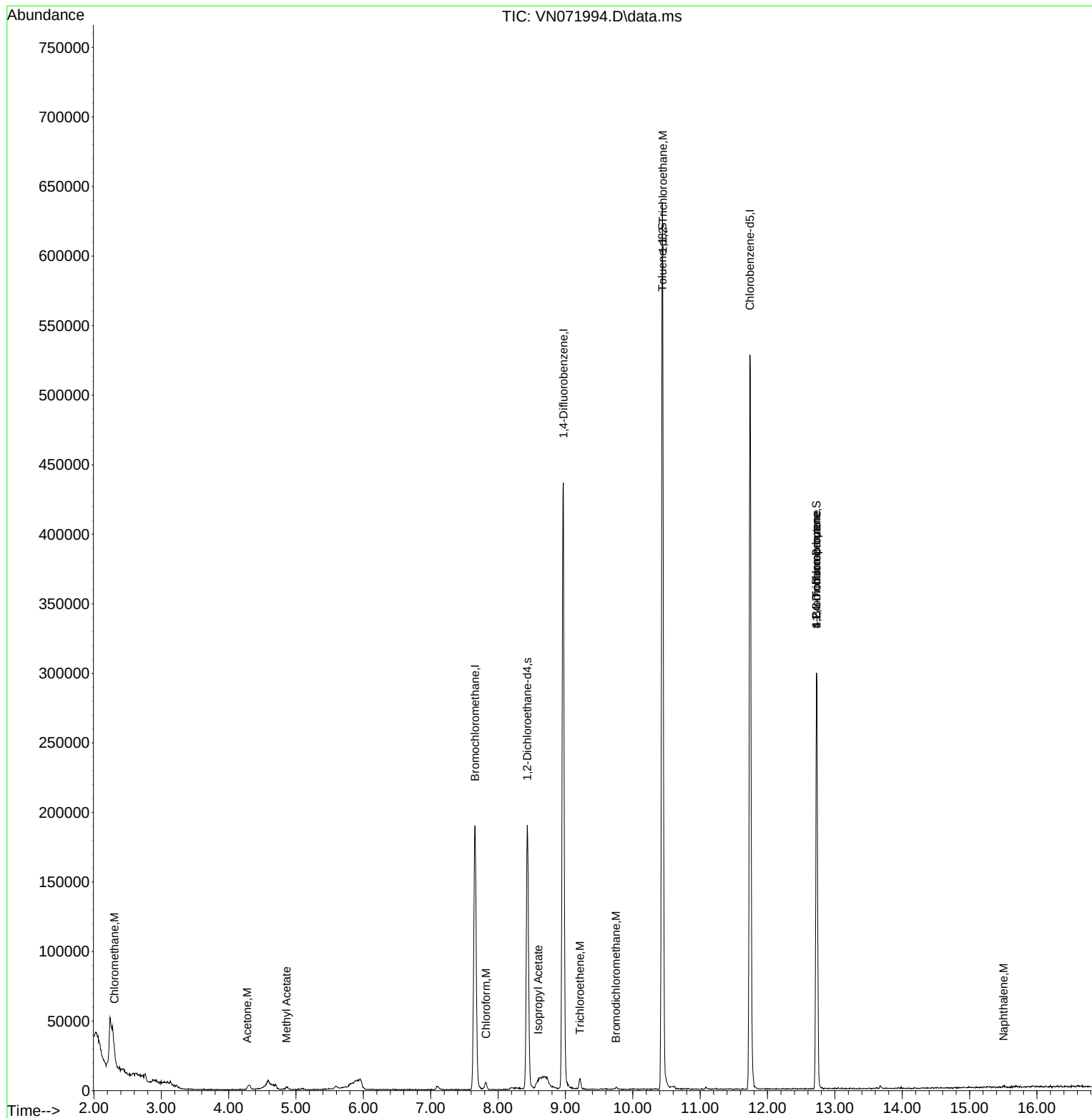
Internal Standards						
1) Bromochloromethane	7.657	128	76920	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.969	114	411083	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	341471	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.434	65	158832	29.308	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	97.700%		
60) 4-Bromofluorobenzene	12.727	95	110912	21.906	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	73.033%		
63) Toluene-d8	10.439	98	474461	30.609	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	102.033%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.305	50	1496	0.265	ug/l	95
12) Methyl Acetate	4.857	43	2110	0.336	ug/l #	84
15) Acetone	4.275	58	216	0.264	ug/l #	46
25) Chloroform	7.822	83	5881	0.640	ug/l	85
37) Trichloroethene	9.216	130	3288	0.616	ug/l	100
41) Bromodichloromethane	9.751	83	1676	0.239	ug/l #	72
44) Isopropyl Acetate	8.598	43	5905	0.513	ug/l #	50
50) 1,1,2-Trichloroethane	10.445	97	18390	3.514	ug/l #	1
72) 1,2,3-Trichloropropane	12.727	75	52377	8.578	ug/l	1
77) t-1,4-Dichloro-2-butene	12.727	75	52377	24.431	ug/l #	8
91) Naphthalene	15.504	128	1022	6.945	ug/l #	68

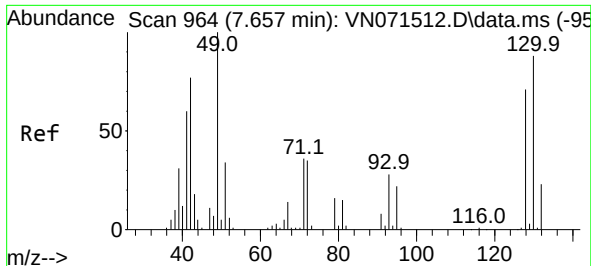
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041422\
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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

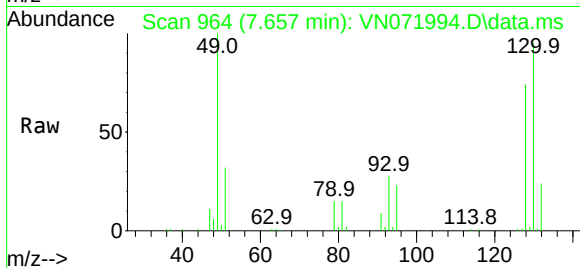
Quant Time: Apr 15 01:37:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032422W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 24 12:03:44 2022
Response via : Initial Calibration



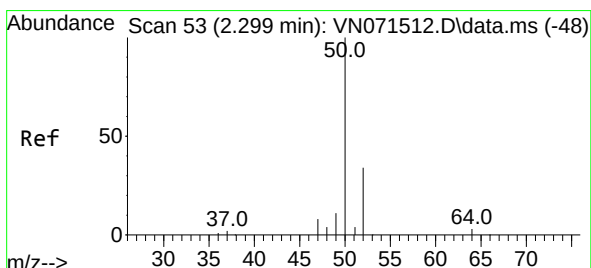
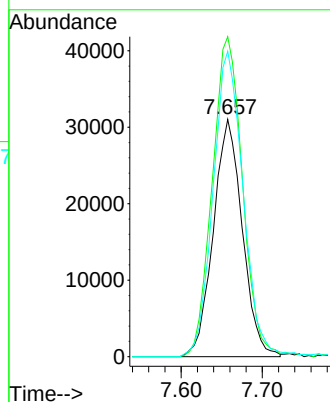
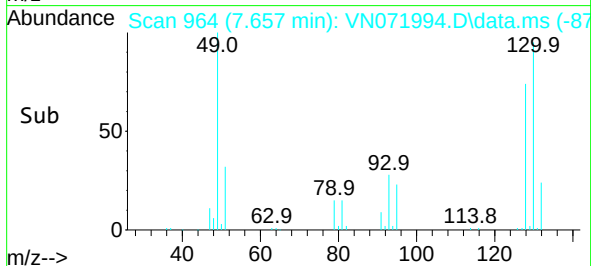


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN071994.D
Acq: 14 Apr 2022 13:54

Instrument :
MSVOA_N
ClientSampleId :

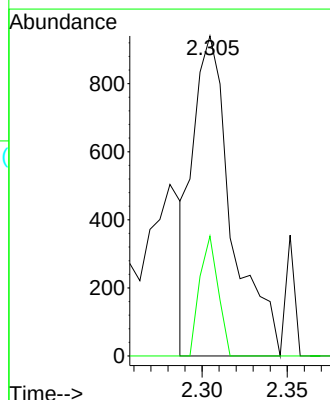
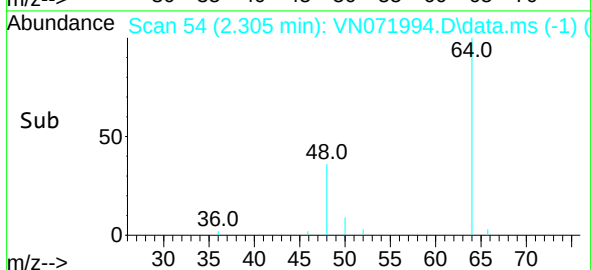
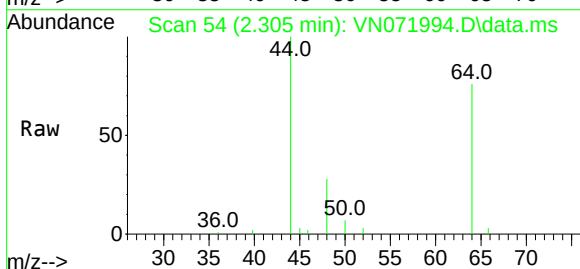


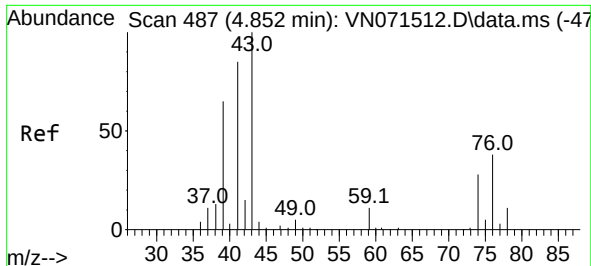
Tgt Ion:128 Resp: 76920
Ion Ratio Lower Upper
128 100
49 140.1 0.0 392.3
130 133.1 0.0 320.2



#3
Chloromethane
Concen: 0.265 ug/l
RT: 2.305 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN071994.D
Acq: 14 Apr 2022 13:54

Tgt Ion: 50 Resp: 1496
Ion Ratio Lower Upper
50 100
52 37.4 27.8 41.6

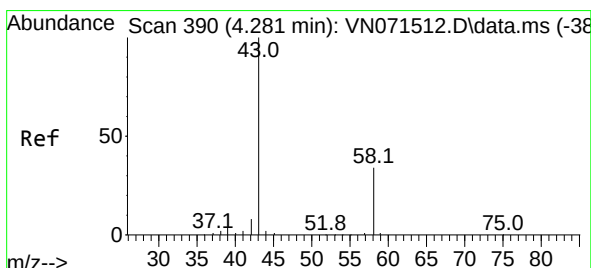
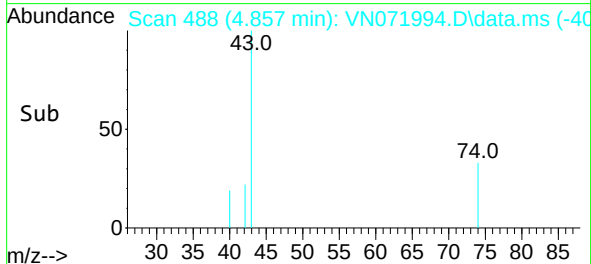
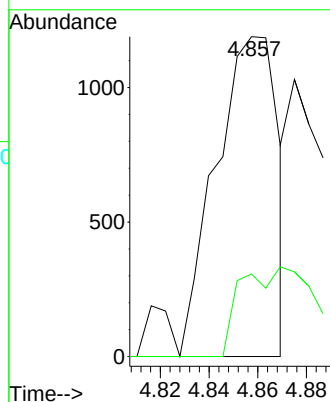
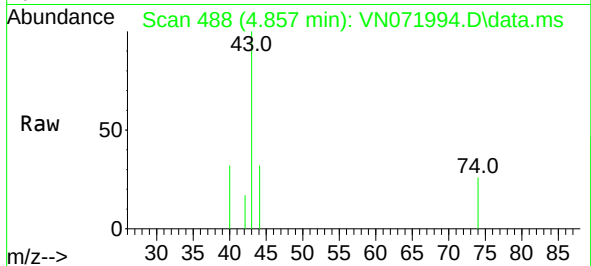




#12
Methyl Acetate
Concen: 0.336 ug/l
RT: 4.857 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN071994.D
Acq: 14 Apr 2022 13:54

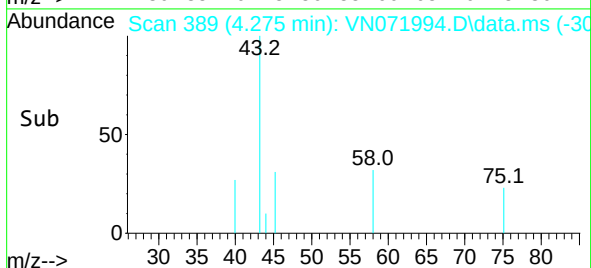
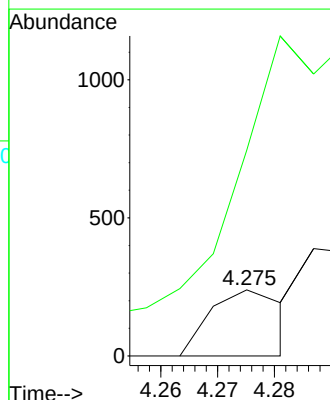
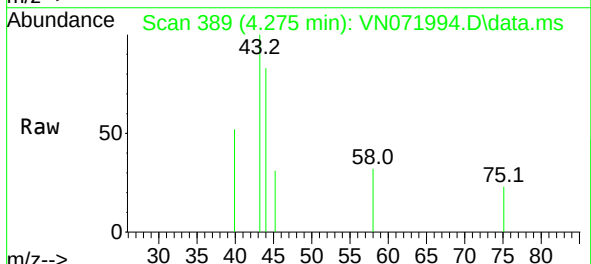
Instrument :
MSVOA_N
ClientSampleId :

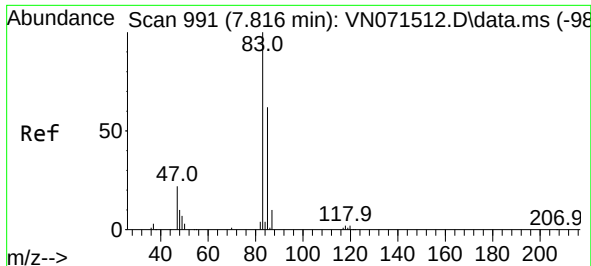
Tgt Ion: 43 Resp: 2110
Ion Ratio Lower Upper
43 100
74 17.6 20.8 31.2#



#15
Acetone
Concen: 0.264 ug/l
RT: 4.275 min Scan# 389
Delta R.T. -0.006 min
Lab File: VN071994.D
Acq: 14 Apr 2022 13:54

Tgt Ion: 58 Resp: 216
Ion Ratio Lower Upper
58 100
43 209.6 256.6 384.8#





#25

Chloroform

Concen: 0.640 ug/l

RT: 7.822 min Scan# 991

Delta R.T. 0.006 min

Lab File: VN071994.D

Acq: 14 Apr 2022 13:54

Instrument :

MSVOA_N

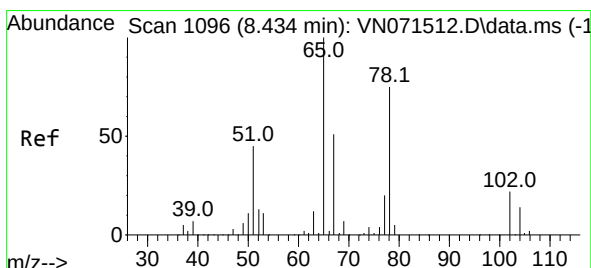
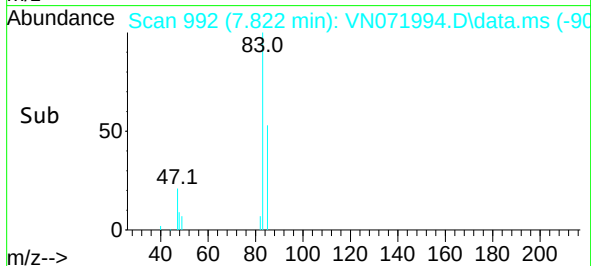
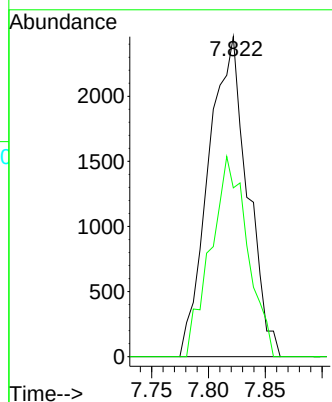
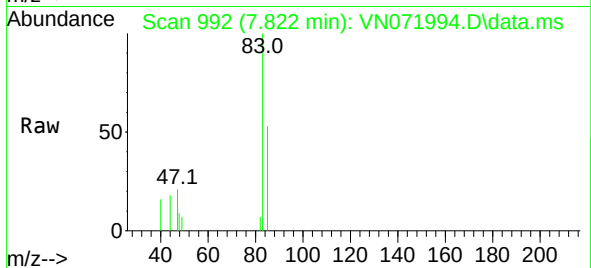
ClientSampleId :

Tgt Ion: 83 Resp: 5881

Ion Ratio Lower Upper

83 100

85 52.7 51.3 76.9



#27

1,2-Dichloroethane-d4

Concen: 29.308 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. 0.000 min

Lab File: VN071994.D

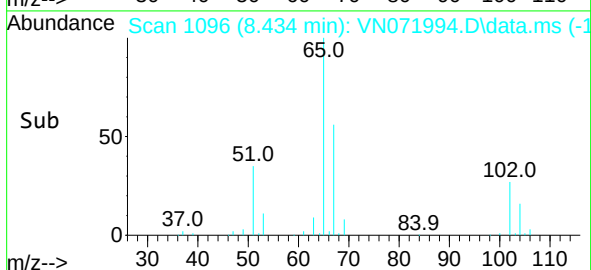
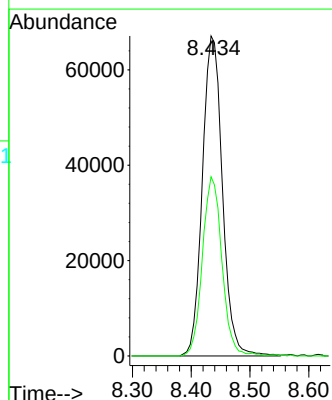
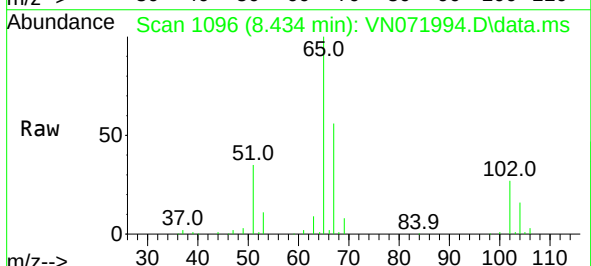
Acq: 14 Apr 2022 13:54

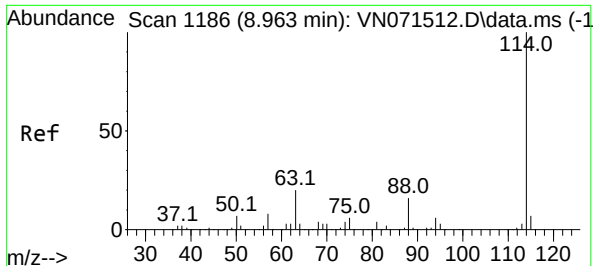
Tgt Ion: 65 Resp: 158832

Ion Ratio Lower Upper

65 100

67 54.1 40.2 60.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.969 min Scan# 1186

Delta R.T. 0.006 min

Lab File: VN071994.D

Acq: 14 Apr 2022 13:54

Instrument :

MSVOA_N

ClientSampleId :

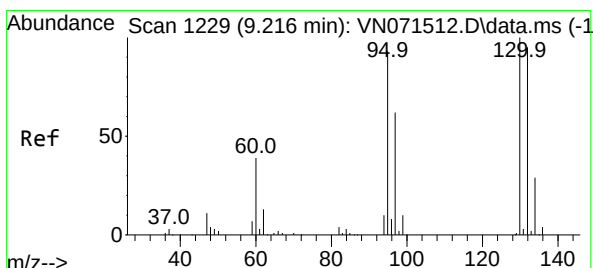
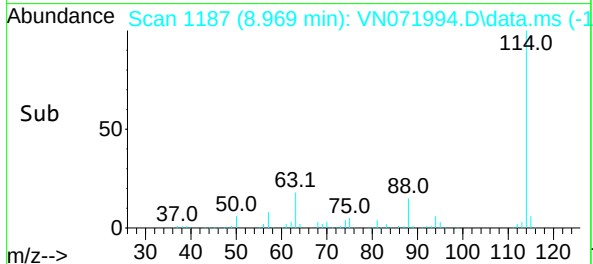
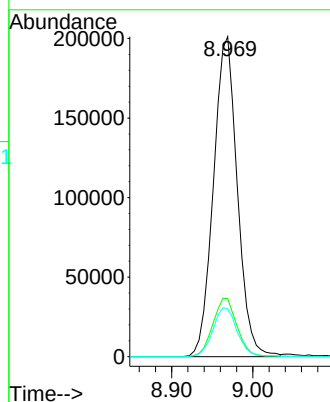
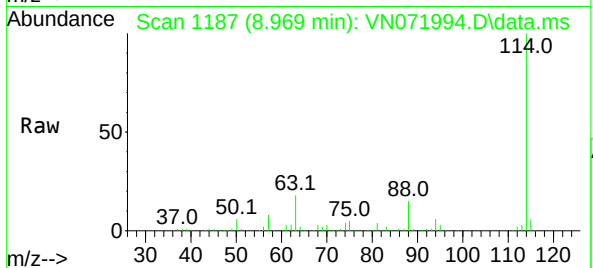
Tgt Ion:114 Resp: 411083

Ion Ratio Lower Upper

114 100

63 18.4 15.8 23.6

88 15.6 11.6 17.4



#37

Trichloroethene

Concen: 0.616 ug/l

RT: 9.216 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VN071994.D

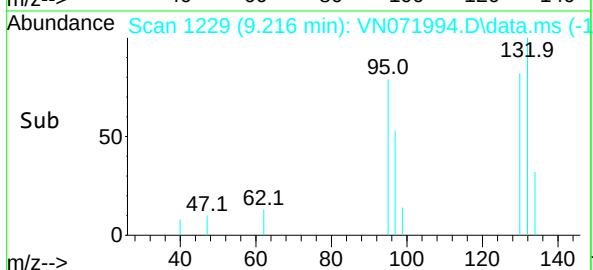
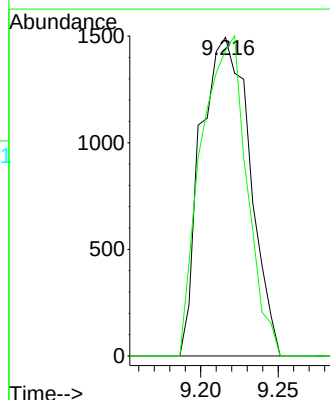
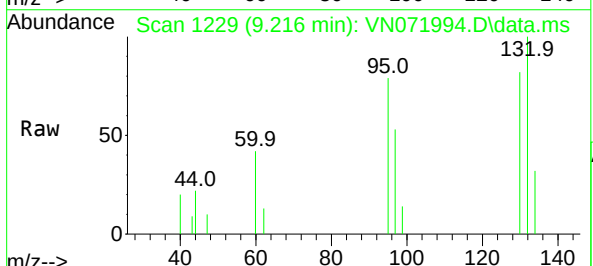
Acq: 14 Apr 2022 13:54

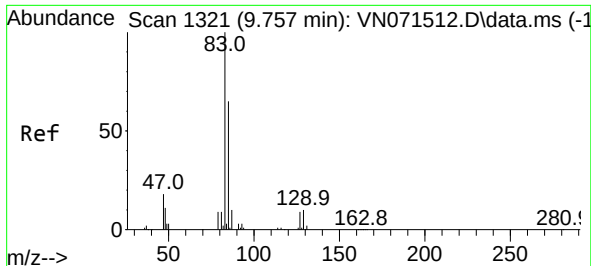
Tgt Ion:130 Resp: 3288

Ion Ratio Lower Upper

130 100

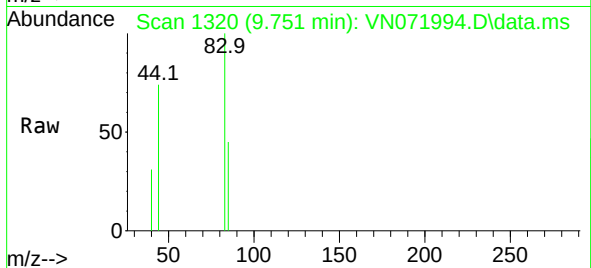
95 95.9 76.6 115.0



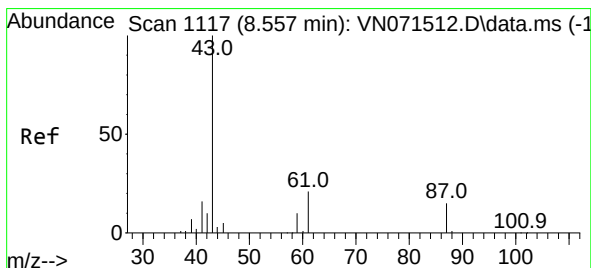
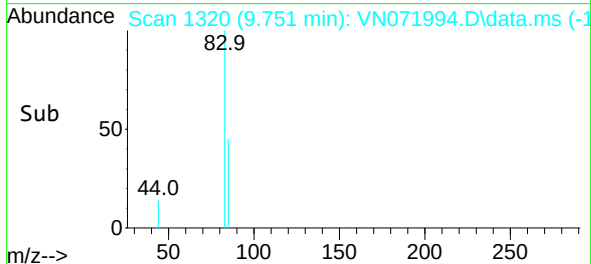
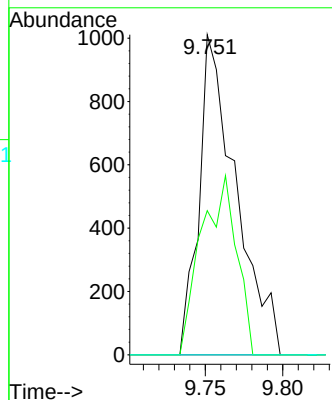


#41
Bromodichloromethane
Concen: 0.239 ug/l
RT: 9.751 min Scan# 1112
Delta R.T. -0.006 min
Lab File: VN071994.D
Acq: 14 Apr 2022 13:54

Instrument :
MSVOA_N
ClientSampleId :

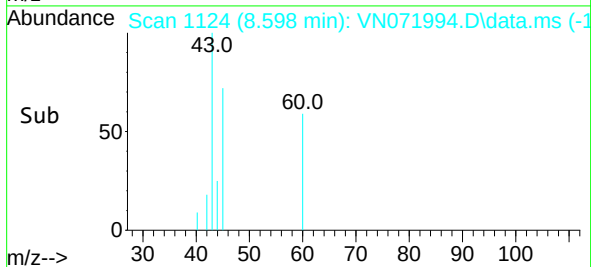
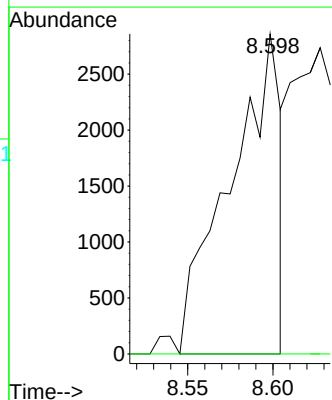
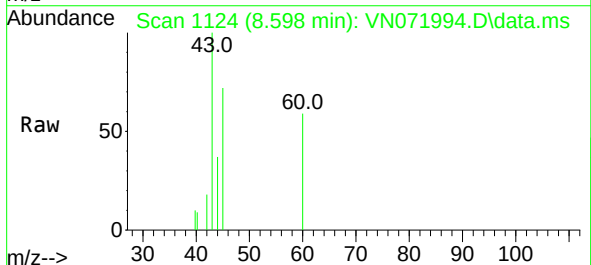


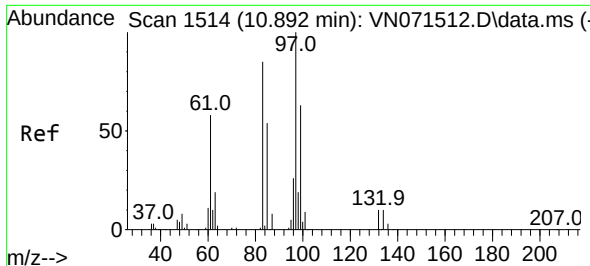
Tgt Ion: 83 Resp: 1676
Ion Ratio Lower Upper
83 100
85 45.0 54.1 81.1#
127 0.0 7.6 11.4#



#44
Isopropyl Acetate
Concen: 0.513 ug/l
RT: 8.598 min Scan# 1124
Delta R.T. 0.041 min
Lab File: VN071994.D
Acq: 14 Apr 2022 13:54

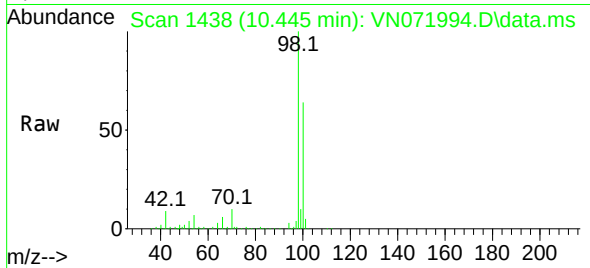
Tgt Ion: 43 Resp: 5905
Ion Ratio Lower Upper
43 100
61 0.0 20.1 30.1#



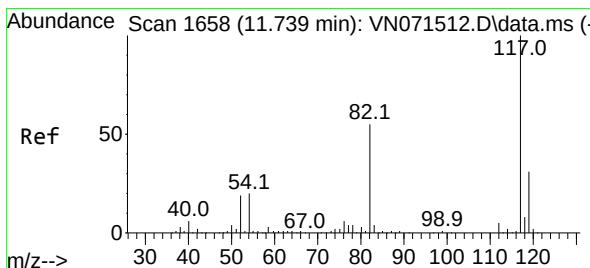
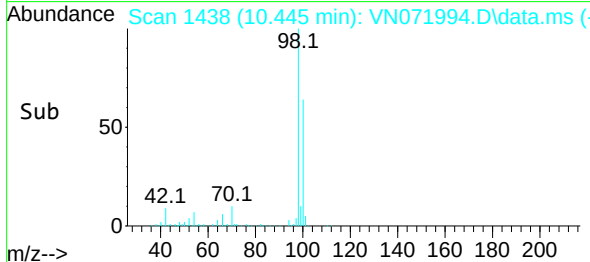
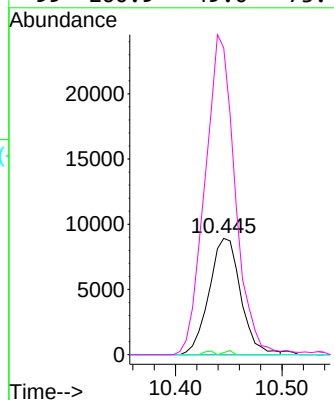


#50
1,1,2-Trichloroethane
Concen: 3.514 ug/l
RT: 10.445 min Scan# 14
Delta R.T. -0.447 min
Lab File: VN071994.D
Acq: 14 Apr 2022 13:54

Instrument :
MSVOA_N
ClientSampleId :

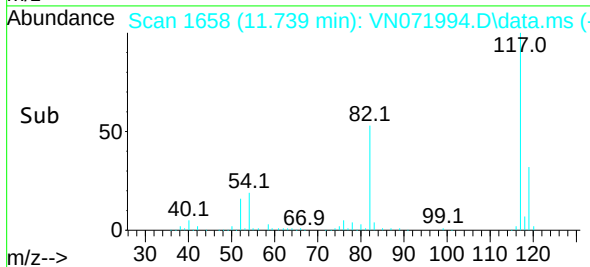
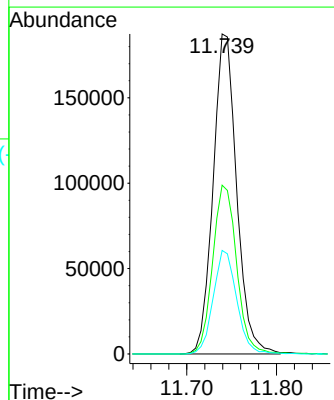
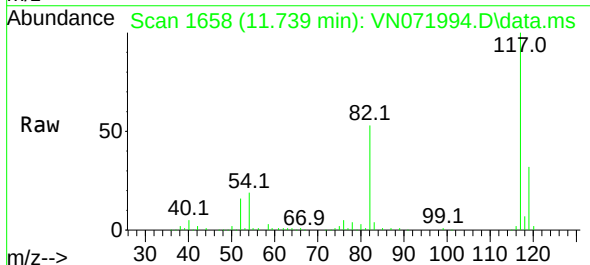


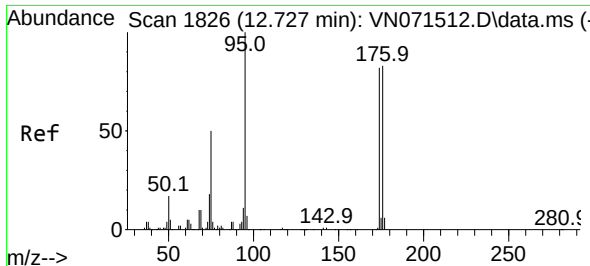
Tgt Ion: 97 Resp: 18390
Ion Ratio Lower Upper
97 100
83 1.8 67.2 100.8#
85 0.0 43.0 64.4#
99 260.9 49.0 73.4#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071994.D
Acq: 14 Apr 2022 13:54

Tgt Ion: 117 Resp: 341471
Ion Ratio Lower Upper
117 100
82 53.7 43.6 65.4
119 32.2 25.8 38.6

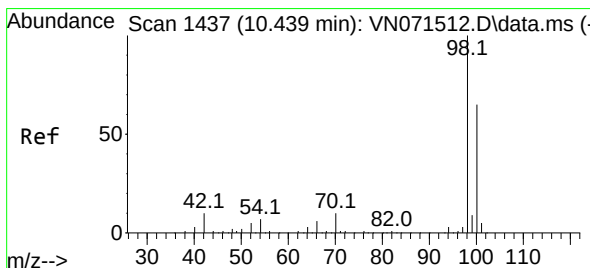
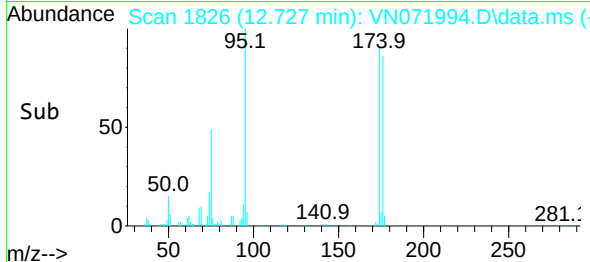
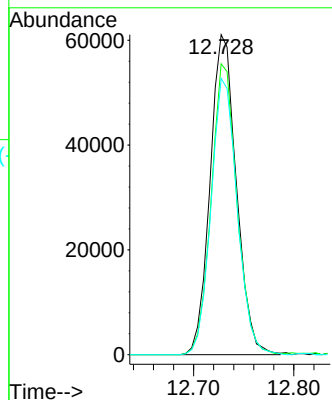
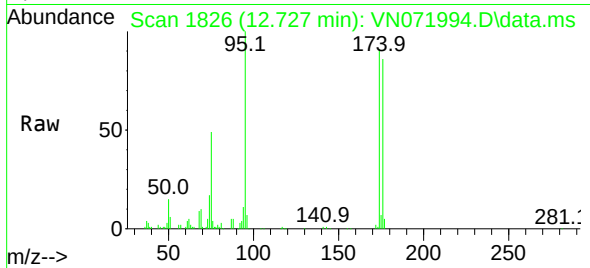




#60
4-Bromofluorobenzene
Concen: 21.906 ug/l
RT: 12.727 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN071994.D
Acq: 14 Apr 2022 13:54

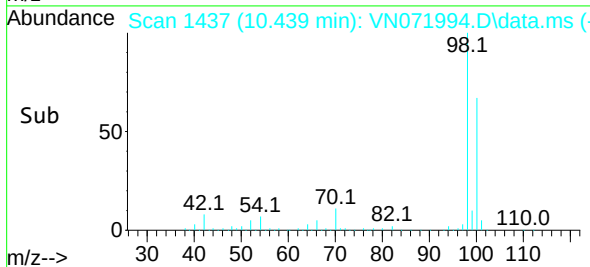
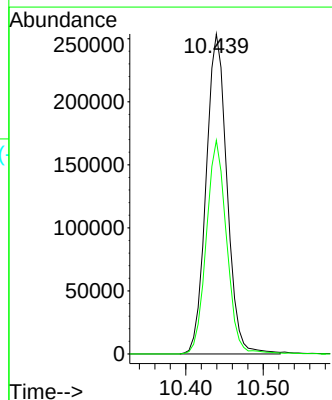
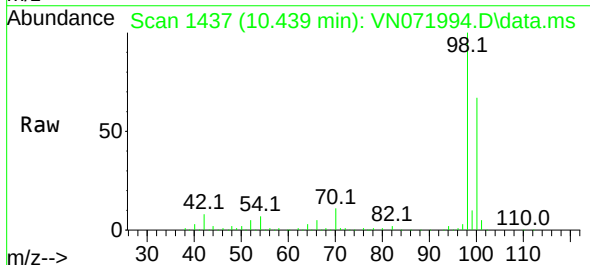
Instrument :
MSVOA_N
ClientSampleId :

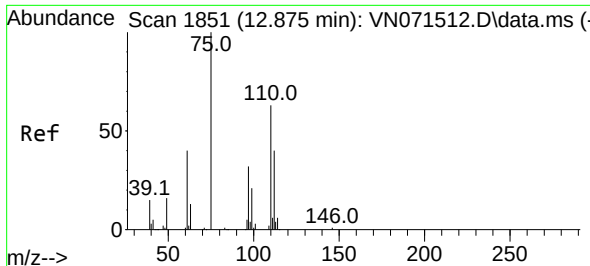
Tgt Ion: 95 Resp: 110912
Ion Ratio Lower Upper
95 100
174 89.1 62.9 94.3
176 85.9 61.0 91.4



#63
Toluene-d8
Concen: 30.609 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071994.D
Acq: 14 Apr 2022 13:54

Tgt Ion: 98 Resp: 474461
Ion Ratio Lower Upper
98 100
100 64.0 50.6 76.0

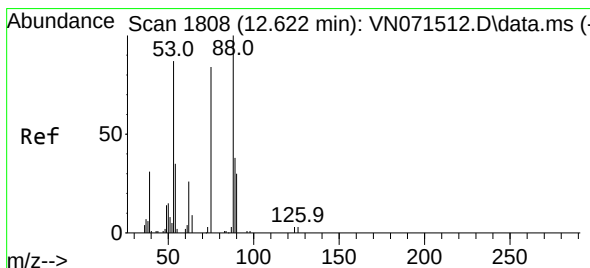
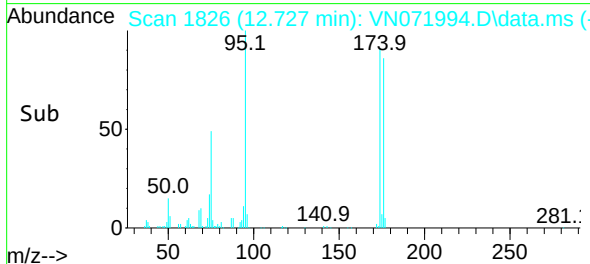
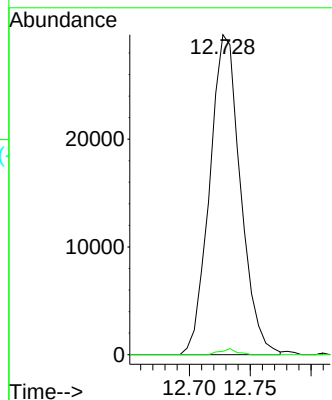
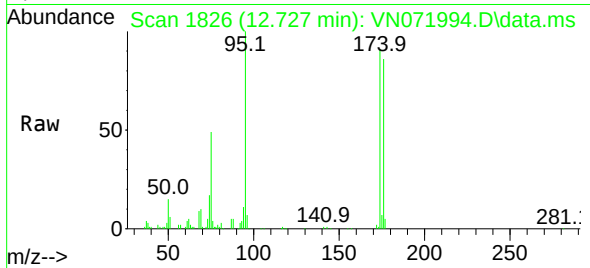




#72
1,2,3-Trichloropropane
Concen: 8.578 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071994.D
Acq: 14 Apr 2022 13:54

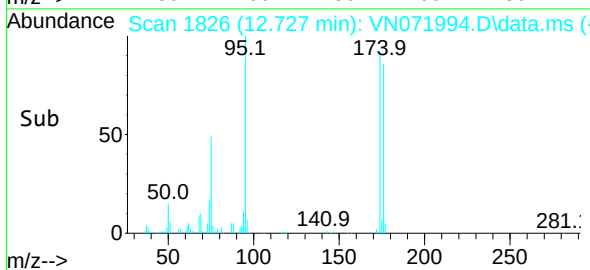
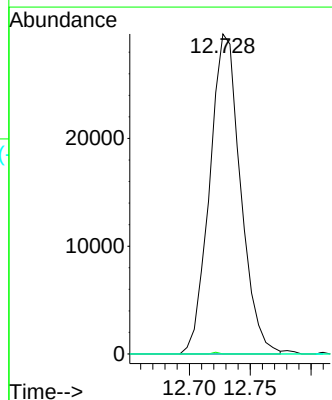
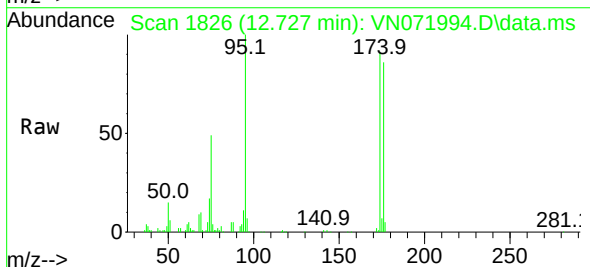
Instrument :
MSVOA_N
ClientSampleId :

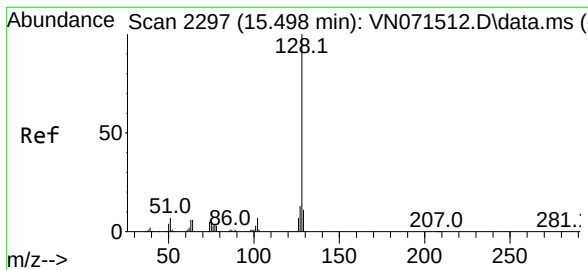
Tgt Ion: 75 Resp: 52377
Ion Ratio Lower Upper
75 100
77 1.0 0.0 378.0



#77
t-1,4-Dichloro-2-butene
Concen: 24.431 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN071994.D
Acq: 14 Apr 2022 13:54

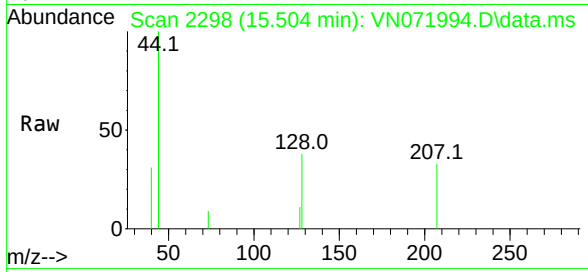
Tgt Ion: 75 Resp: 52377
Ion Ratio Lower Upper
75 100
53 0.0 51.8 155.5#
89 0.0 22.9 68.7#





#91
Naphthalene
Concen: 6.945 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071994.D
Acq: 14 Apr 2022 13:54

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.7	16.1#
129	0.0	9.0	13.6#

