

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091219\
 Data File : VN057950.D
 Acq On : 12 Sep 2019 1:19
 Operator : JC/SP
 Sample : K4848-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CBH-139-D

Quant Time: Sep 12 02:34:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	279243	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	467209	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	425341	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	216473	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	311012	54.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.98%	
35) Dibromofluoromethane	7.58	113	213114	49.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.84%	
50) Toluene-d8	10.09	98	840225	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.38%	
62) 4-Bromofluorobenzene	12.41	95	274870	43.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.16%	

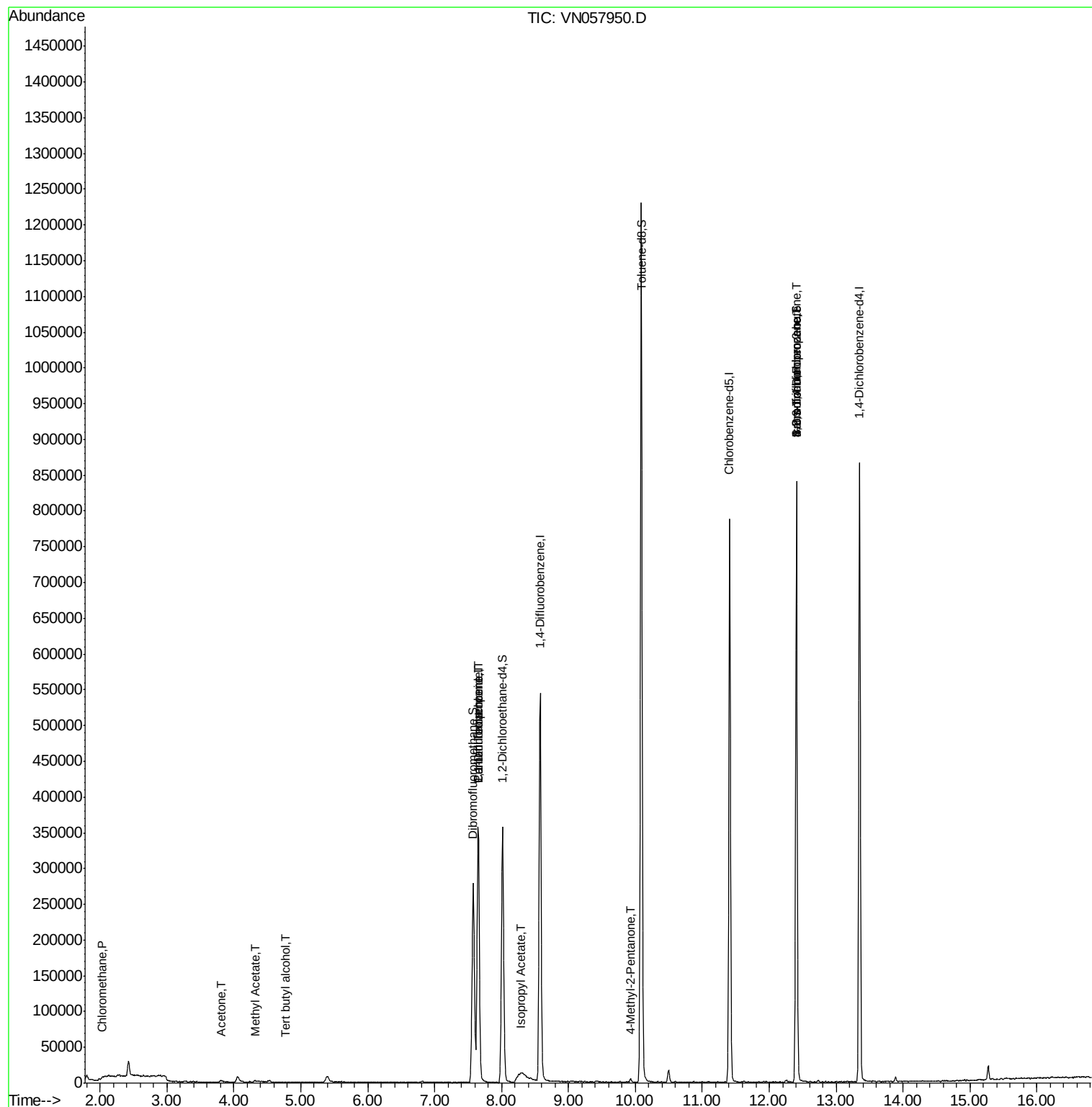
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	1071	0.272	ug/l #	72
5) Bromomethane	2.53	94	132	Below Cal	#	2
11) Tert butyl alcohol	4.77	59	201	0.294	ug/l #	72
16) Acetone	3.80	43	1236	0.667	ug/l	97
18) Methyl Acetate	4.31	43	1159	0.234	ug/l #	79
20) Methylene Chloride	4.52	84	484	Below Cal	#	73
31) Cyclohexane	7.65	56	7312	Below Cal	#	36
36) 1,1-Dichloropropene	7.65	75	24830	4.583	ug/l #	51
38) Carbon Tetrachloride	7.65	117	29224	5.907	ug/l #	16
43) Isopropyl Acetate	8.29	43	17954	1.907	ug/l #	56
51) 4-Methyl-2-Pentanone	9.93	43	2145	0.385	ug/l #	38
71) Bromoform	12.41	173	531	0.221	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	151556	30.949	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	151556	108.909	ug/l #	6
95) Naphthalene	15.14	128	1071	Below Cal	#	69

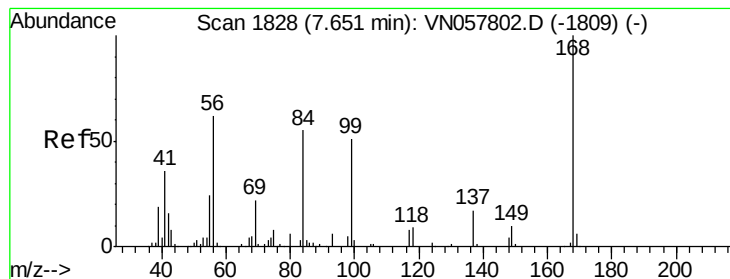
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN091219\
Data File : VN057950.D
Acq On : 12 Sep 2019 1:19
Operator : JC/SP
Sample : K4848-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
CBH-139-D

Quant Time: Sep 12 02:34:54 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057950.D

Acq: 12 Sep 2019 1:19

Instrument :

MSVOA_N

ClientSampled :

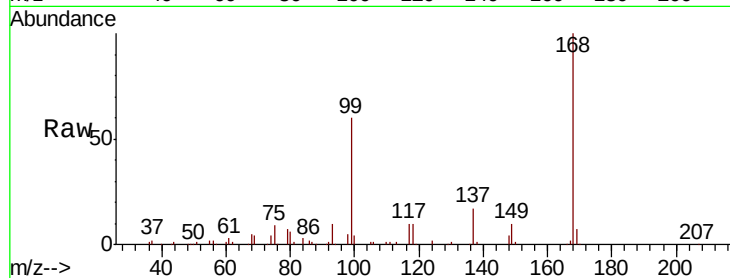
CBH-139-D

Tgt Ion:168 Resp: 279243

Ion Ratio Lower Upper

168 100

99 60.5 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VN057802.D (-1809) (-)

Ion 98.90 (98.60 to 99.60): VN057802.D (-1809) (-)

7.65

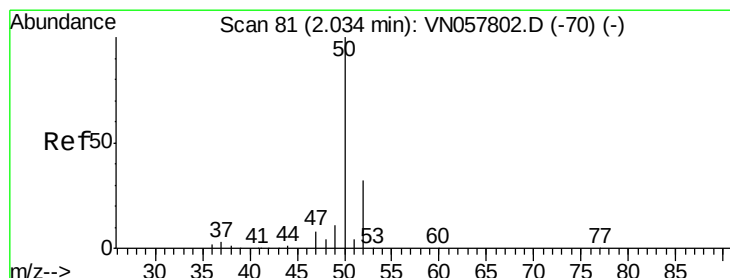
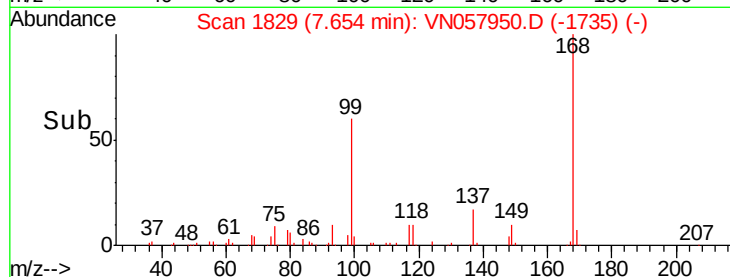
100000

50000

0

7.60 7.70

Time-->



#3

Chloromethane

Concen: 0.272 ug/l

RT: 2.03 min Scan# 80

Delta R.T. -0.00 min

Lab File: VN057950.D

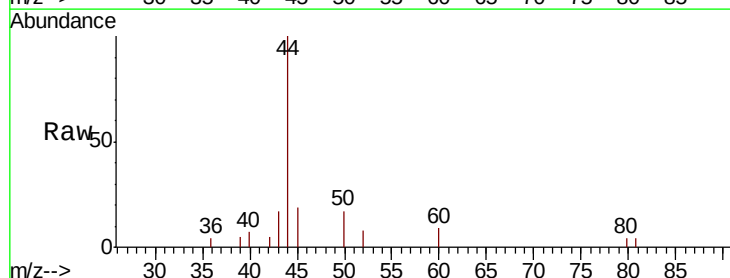
Acq: 12 Sep 2019 1:19

Tgt Ion: 50 Resp: 1071

Ion Ratio Lower Upper

50 100

52 47.6 25.5 38.3#



Abundance Ion 49.90 (49.60 to 50.60): VN057802.D (-70) (-)

Ion 51.90 (51.60 to 52.60): VN057802.D (-70) (-)

2.03

800

600

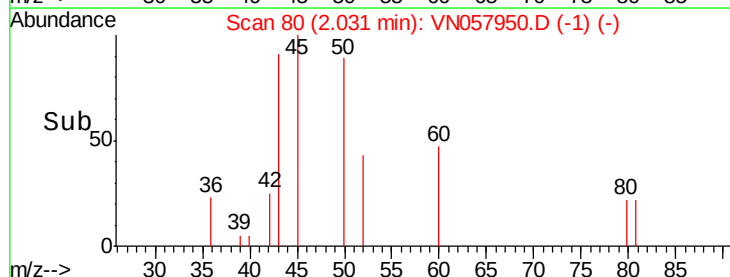
400

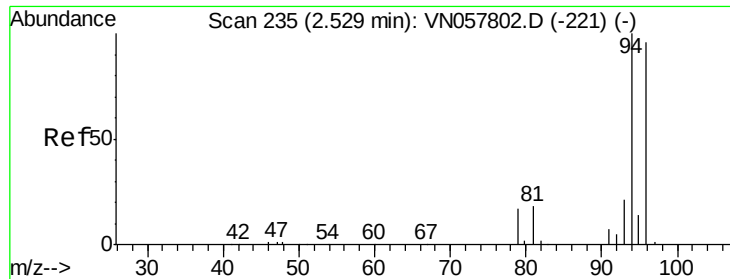
200

0

2.00 2.02 2.04 2.06 2.08

Time-->

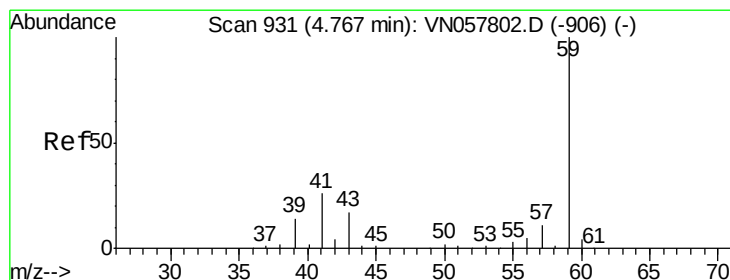
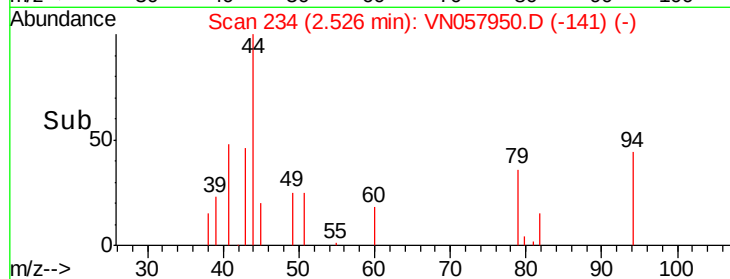
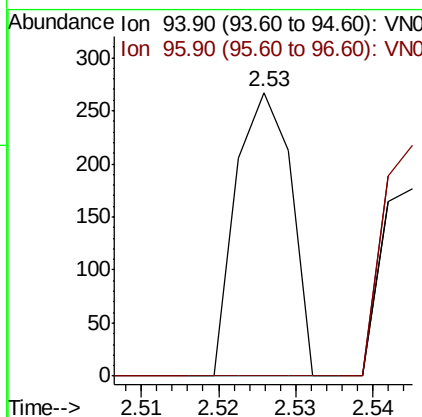
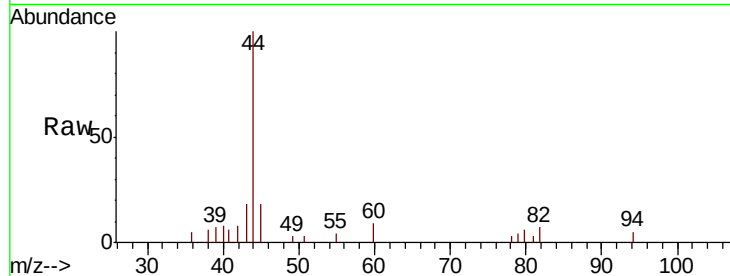




#5
Bromomethane
Concen: Below Cal
RT: 2.53 min Scan# 234
Delta R.T. -0.00 min
Lab File: VN057950.D
Acq: 12 Sep 2019 1:19

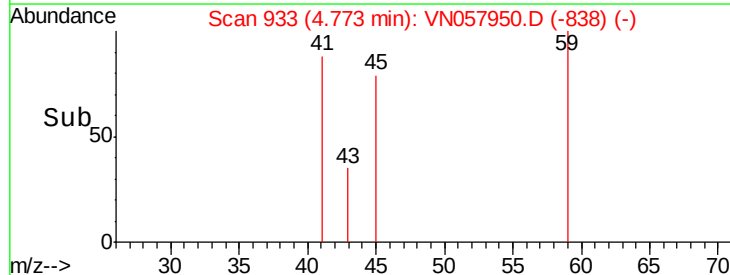
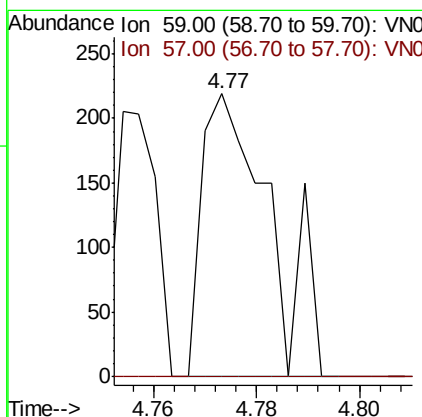
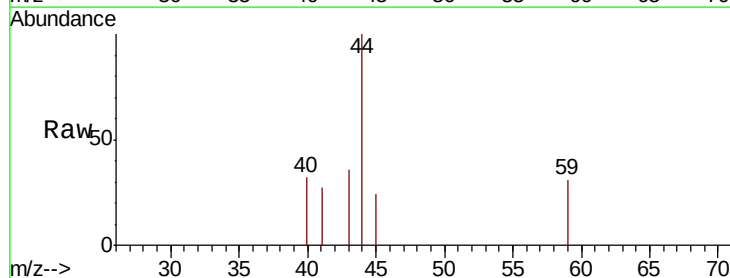
Instrument :
MSVOA_N
ClientSampled :
CBH-139-D

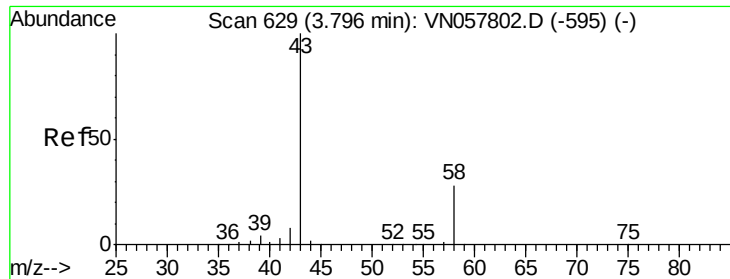
Tgt Ion: 94 Resp: 132
Ion Ratio Lower Upper
94 100
96 0.0 77.0 115.4#



#11
Tert butyl alcohol
Concen: 0.294 ug/l
RT: 4.77 min Scan# 933
Delta R.T. 0.01 min
Lab File: VN057950.D
Acq: 12 Sep 2019 1:19

Tgt Ion: 59 Resp: 201
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#





#16

Acetone

Concen: 0.667 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN057950.D

Acq: 12 Sep 2019 1:19

Instrument :

MSVOA_N

ClientSampled :

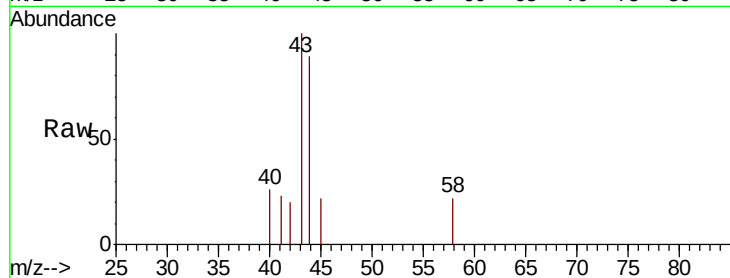
CBH-139-D

Tgt Ion: 43 Resp: 1236

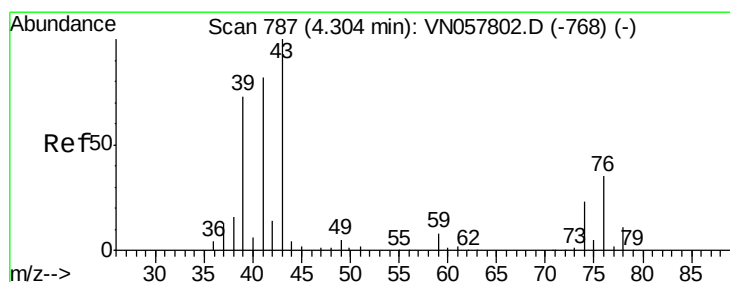
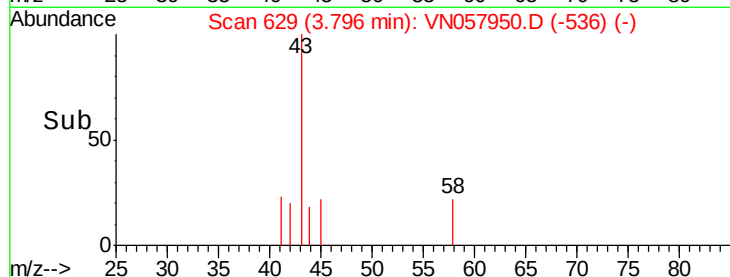
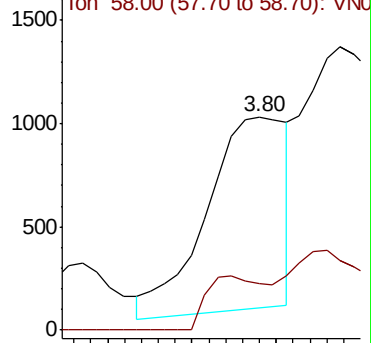
Ion Ratio Lower Upper

43 100

58 26.1 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN057950.D (-536) (-)



#18

Methyl Acetate

Concen: 0.234 ug/l

RT: 4.31 min Scan# 790

Delta R.T. 0.01 min

Lab File: VN057950.D

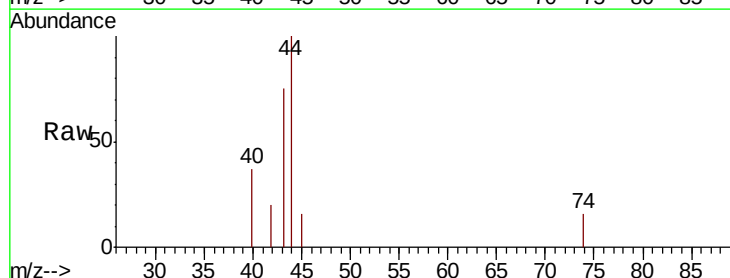
Acq: 12 Sep 2019 1:19

Tgt Ion: 43 Resp: 1159

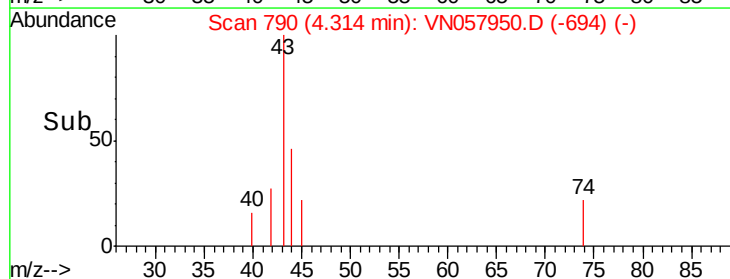
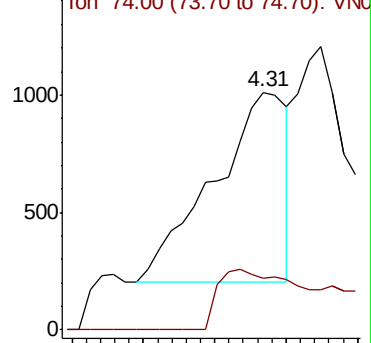
Ion Ratio Lower Upper

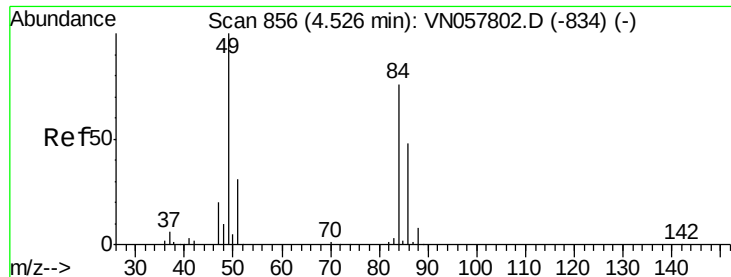
43 100

74 32.4 17.9 26.9#



Abundance Ion 43.00 (42.70 to 43.70): VN057950.D (-694) (-)

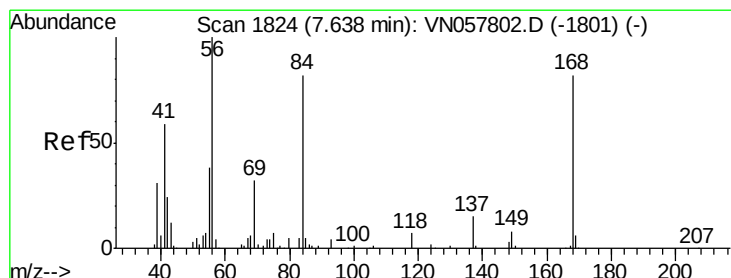
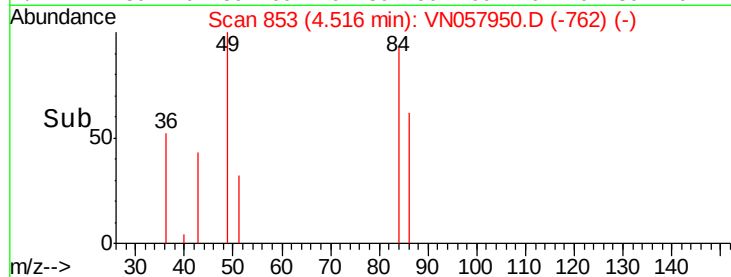
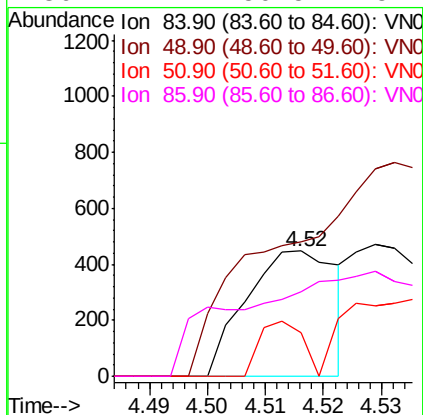
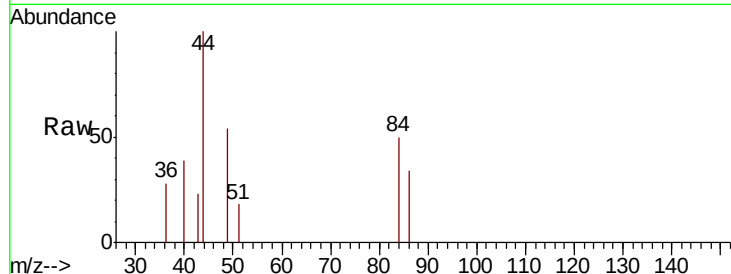




#20
Methylene Chloride
Concen: Below Cal
RT: 4.52 min Scan# 853
Delta R.T. -0.01 min
Lab File: VN057950.D
Acq: 12 Sep 2019 1:19

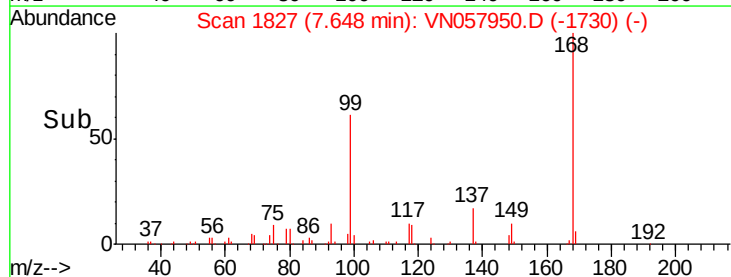
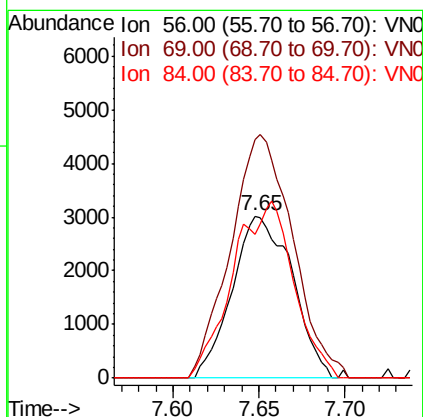
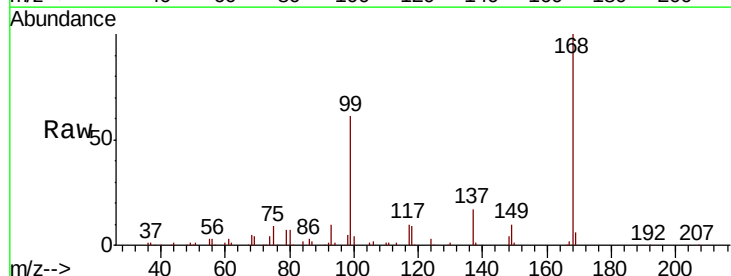
Instrument :
MSVOA_N
ClientSampleId :
CBH-139-D

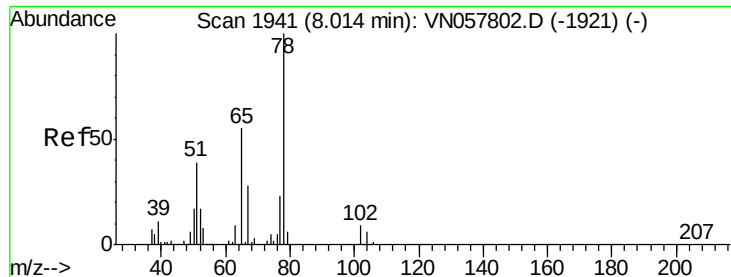
Tgt Ion: 84 Resp: 484
Ion Ratio Lower Upper
84 100
49 107.4 104.8 157.2
51 34.8 33.0 49.4
86 21.4 50.5 75.7#



#31
Cyclohexane
Concen: Below Cal
RT: 7.65 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VN057950.D
Acq: 12 Sep 2019 1:19

Tgt Ion: 56 Resp: 7312
Ion Ratio Lower Upper
56 100
69 147.8 25.9 38.9#
84 88.8 65.6 98.4

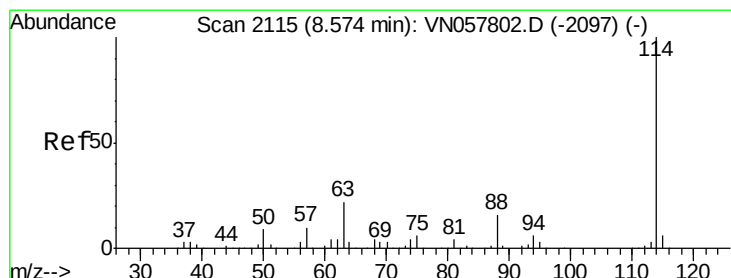
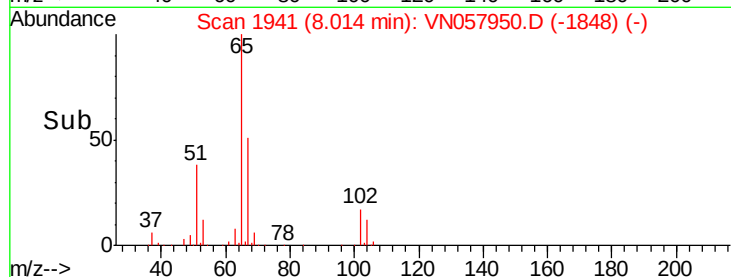
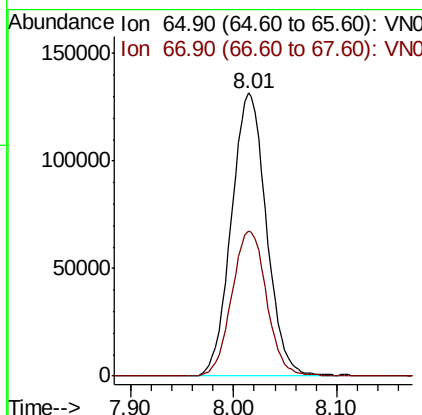
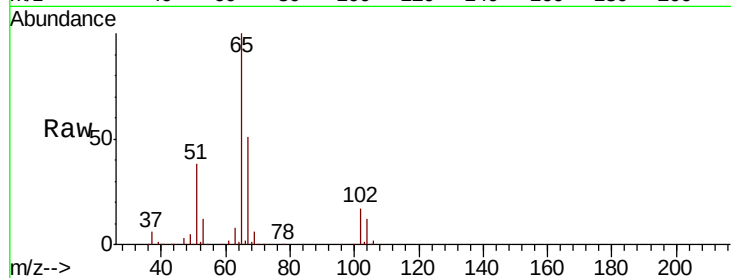




#33
 1,2-Dichloroethane-d4
 Concen: 54.989 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057950.D
 Acq: 12 Sep 2019 1:19

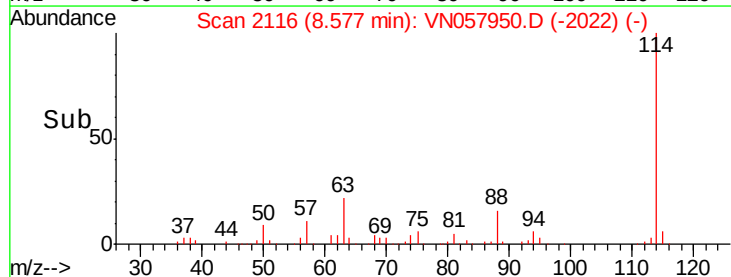
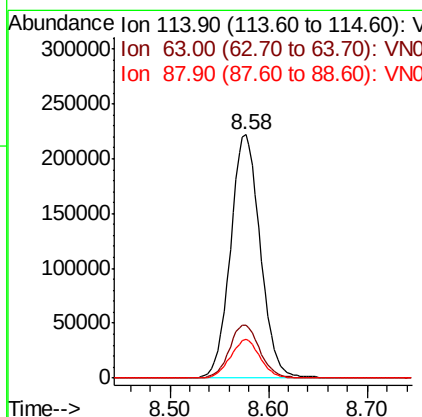
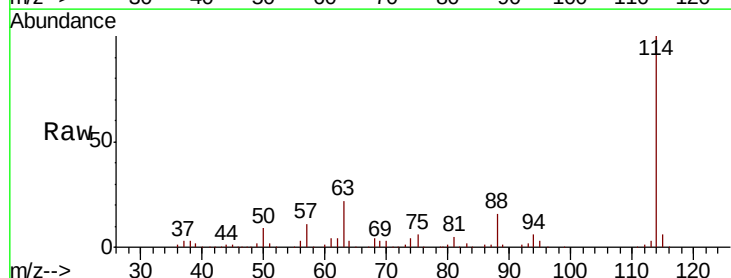
Instrument :
 MSVOA_N
 ClientSampled :
 CBH-139-D

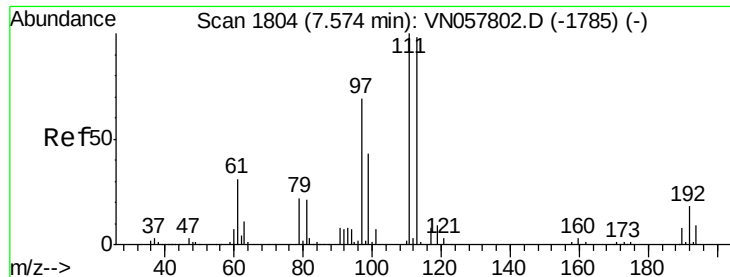
Tgt Ion: 65 Resp: 311012
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057950.D
 Acq: 12 Sep 2019 1:19

Tgt Ion: 114 Resp: 467209
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 44.0
 88 15.8 0.0 31.4

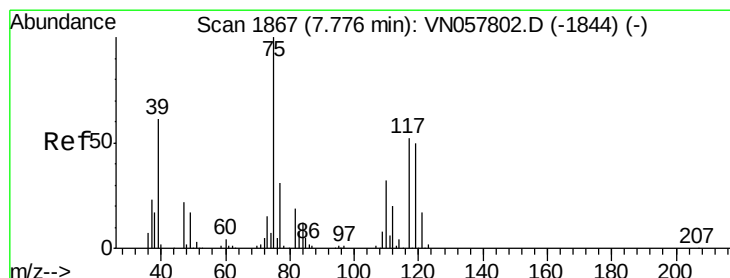
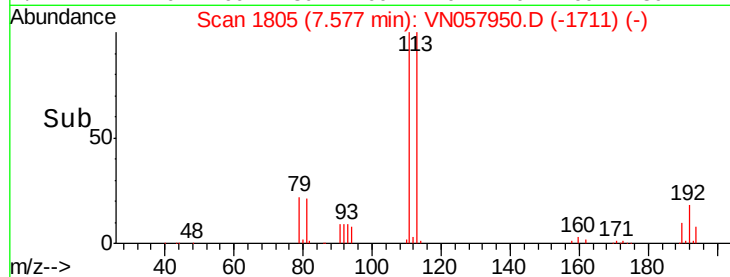
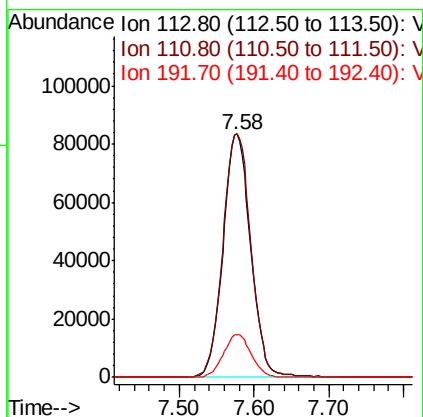
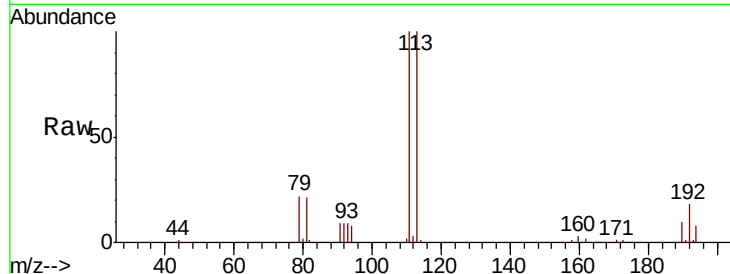




#35
Dibromofluoromethane
Concen: 49.422 ug/l
RT: 7.58 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VN057950.D
Acq: 12 Sep 2019 1:19

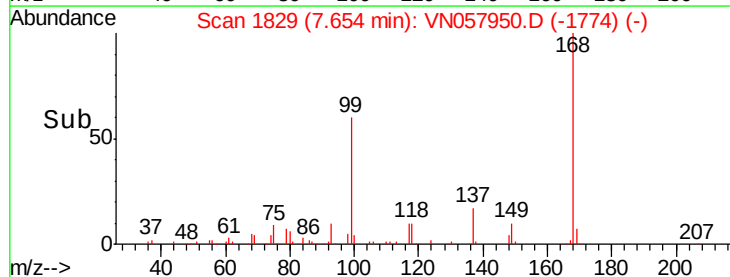
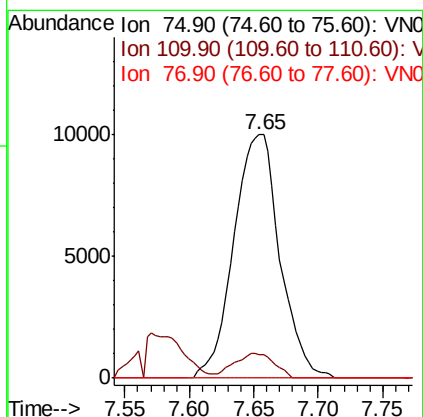
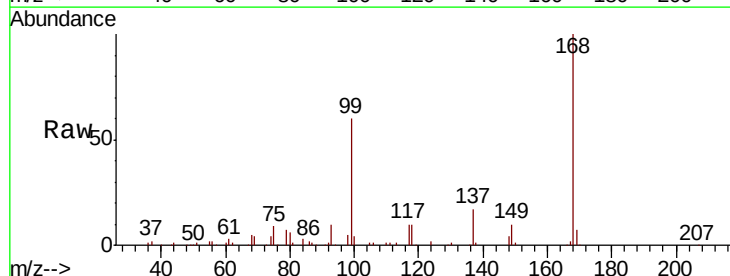
Instrument :
MSVOA_N
ClientSampled :
CBH-139-D

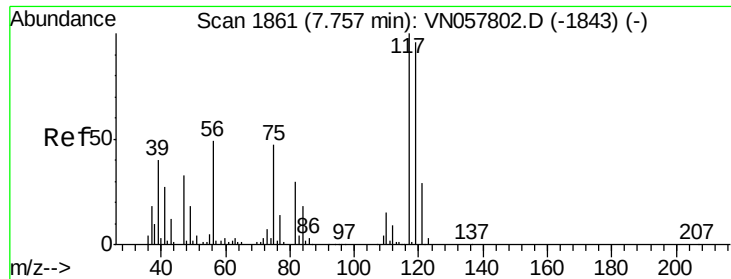
Tgt Ion: 113 Resp: 213114
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 17.7 14.6 22.0



#36
1,1-Dichloropropene
Concen: 4.583 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. -0.12 min
Lab File: VN057950.D
Acq: 12 Sep 2019 1:19

Tgt Ion: 75 Resp: 24830
Ion Ratio Lower Upper
75 100
110 8.9 16.3 48.9#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.907 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.11 min

Lab File: VN057950.D

Acq: 12 Sep 2019 1:19

Instrument :

MSVOA_N

ClientSampleId :

CBH-139-D

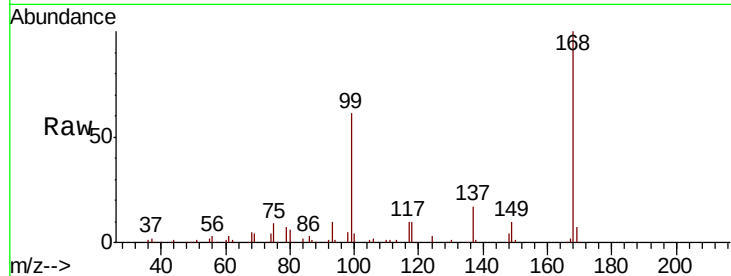
Tgt Ion:117 Resp: 29224

Ion Ratio Lower Upper

117 100

119 4.8 76.9 115.3#

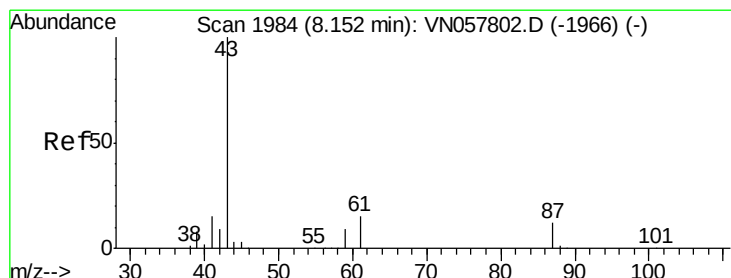
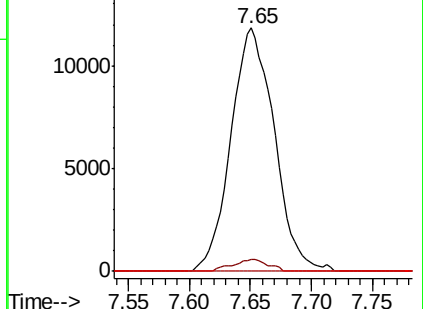
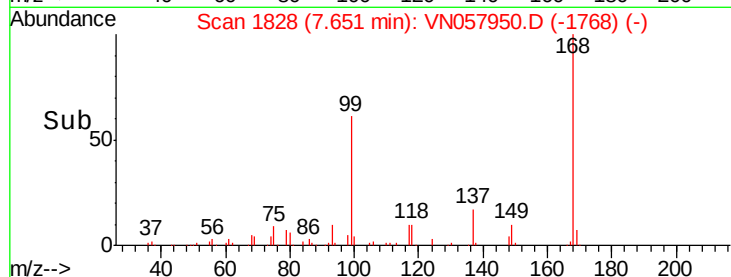
121 0.0 23.4 35.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 1.907 ug/l

RT: 8.29 min Scan# 2027

Delta R.T. 0.14 min

Lab File: VN057950.D

Acq: 12 Sep 2019 1:19

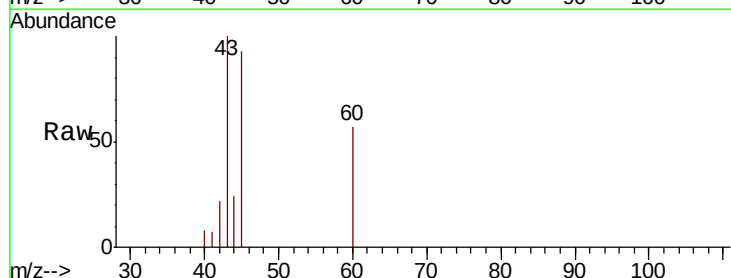
Tgt Ion: 43 Resp: 17954

Ion Ratio Lower Upper

43 100

61 0.0 20.1 30.1#

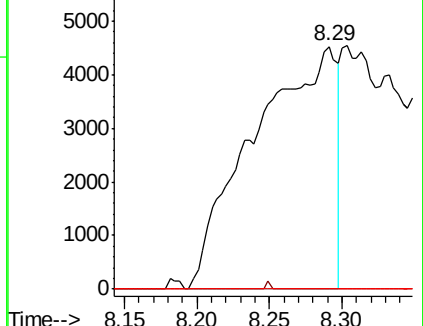
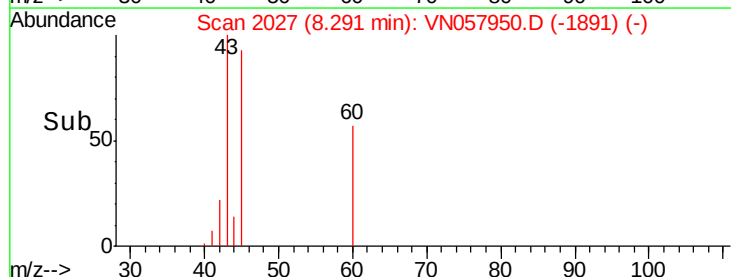
87 0.0 9.5 14.3#

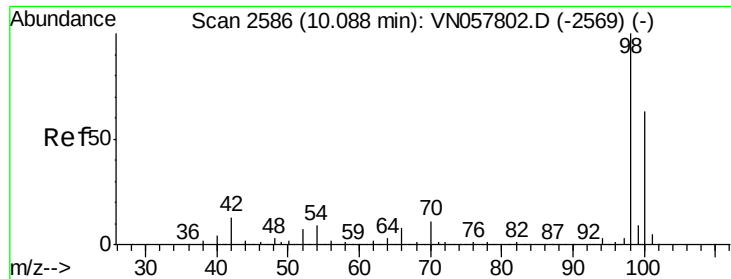


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO

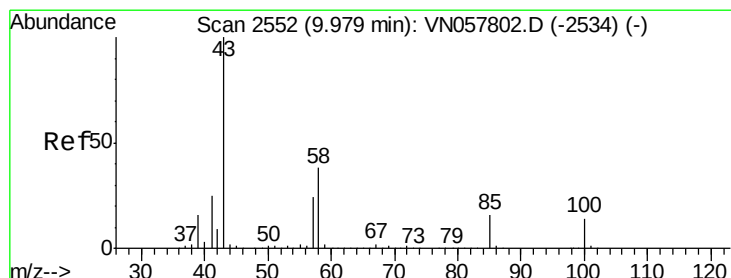
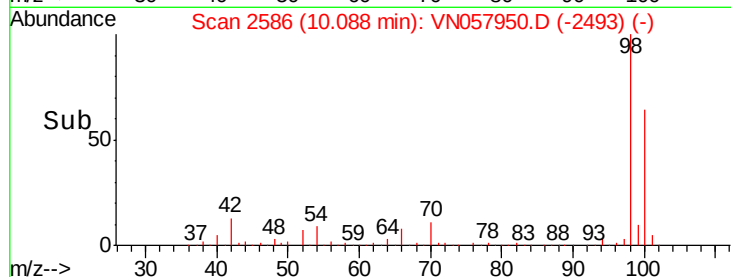
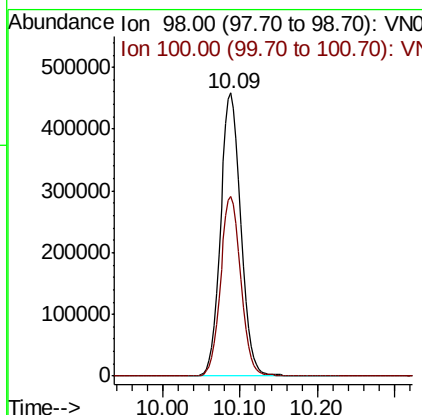
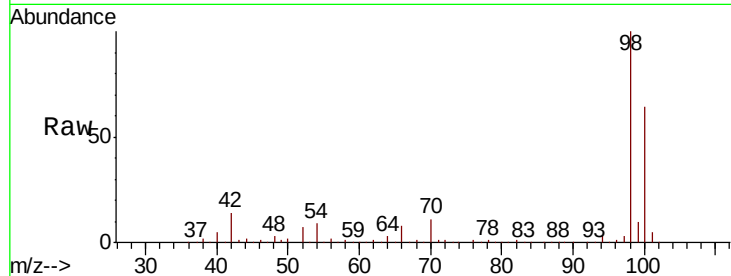




#50
Toluene-d8
Concen: 50.186 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN057950.D
Acq: 12 Sep 2019 1:19

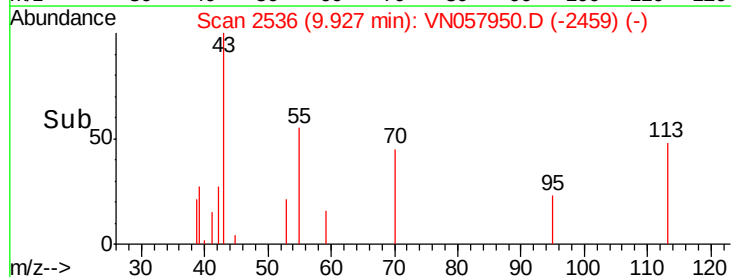
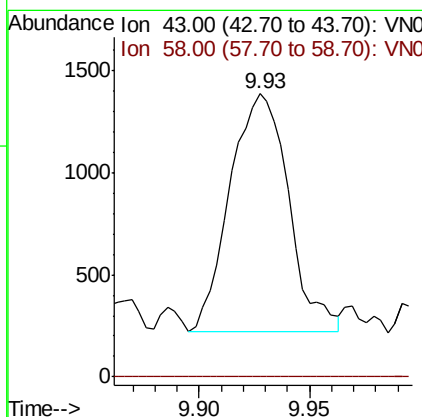
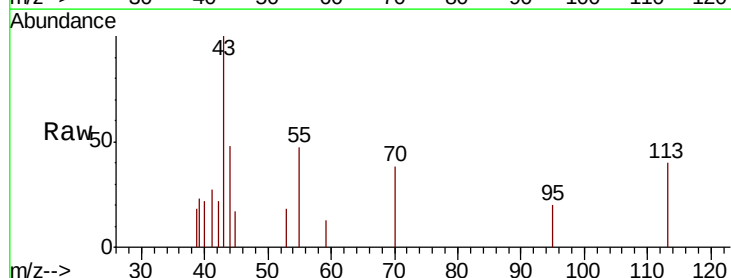
Instrument :
MSVOA_N
ClientSampled :
CBH-139-D

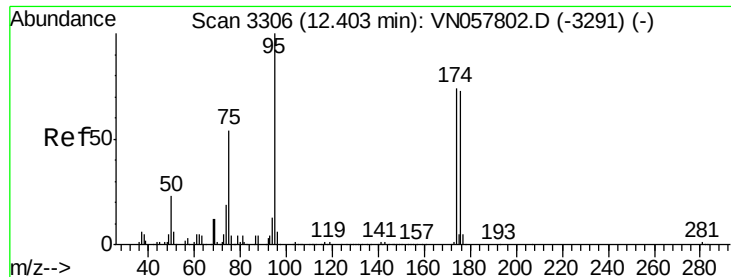
Tgt Ion: 98 Resp: 840225
Ion Ratio Lower Upper
98 100
100 63.4 50.3 75.5



#51
4-Methyl-2-Pentanone
Concen: 0.385 ug/l
RT: 9.93 min Scan# 2536
Delta R.T. -0.05 min
Lab File: VN057950.D
Acq: 12 Sep 2019 1:19

Tgt Ion: 43 Resp: 2145
Ion Ratio Lower Upper
43 100
58 0.0 29.8 44.6#

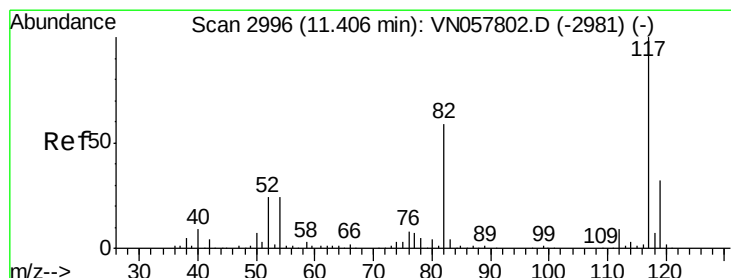
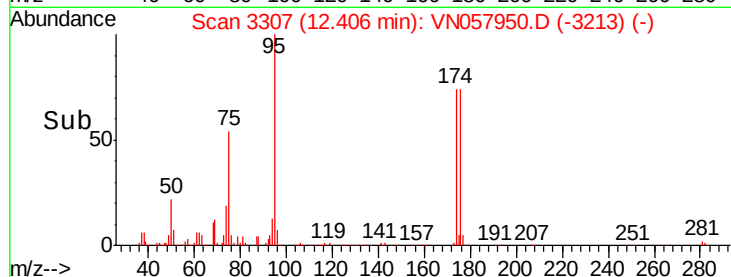
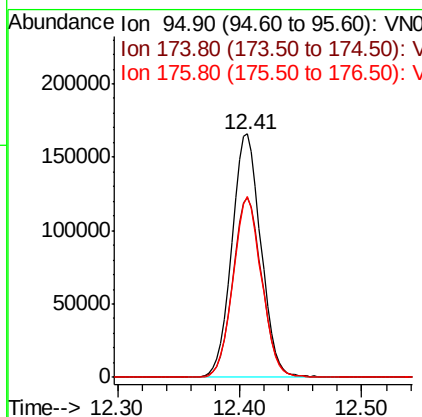
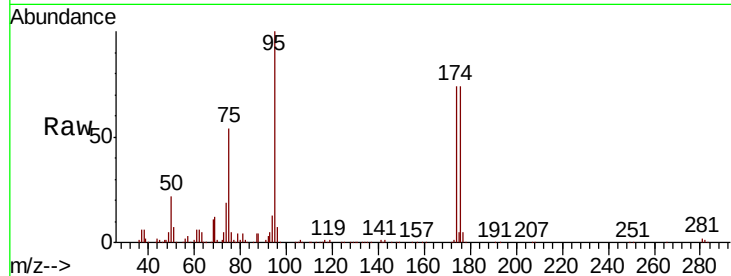




#62
4-Bromofluorobenzene
Concen: 43.082 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN057950.D
Acq: 12 Sep 2019 1:19

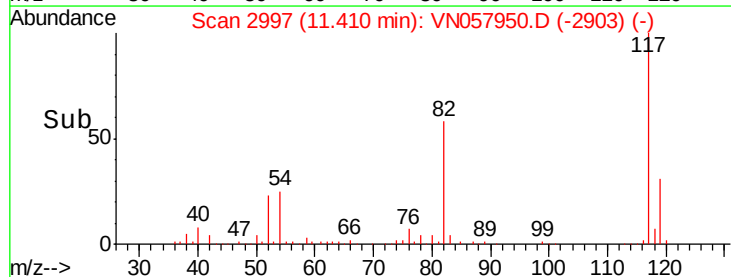
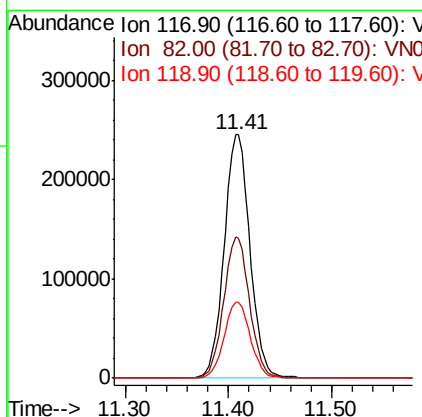
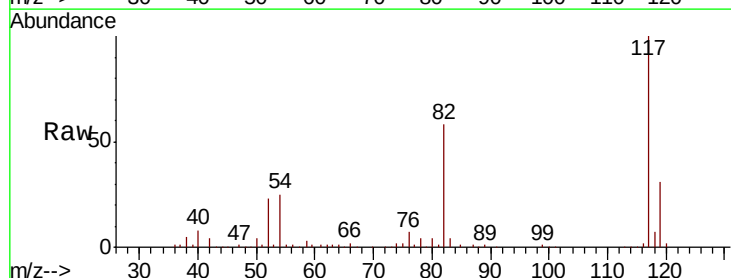
Instrument :
MSVOA_N
ClientSampled :
CBH-139-D

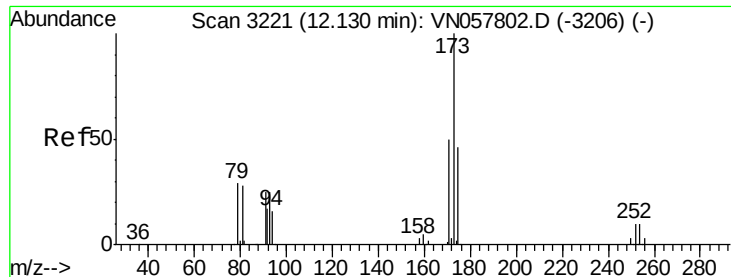
Tgt Ion: 95 Resp: 274870
Ion Ratio Lower Upper
95 100
174 73.9 0.0 150.2
176 72.9 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN057950.D
Acq: 12 Sep 2019 1:19

Tgt Ion: 117 Resp: 425341
Ion Ratio Lower Upper
117 100
82 57.7 47.2 70.8
119 31.4 25.3 37.9

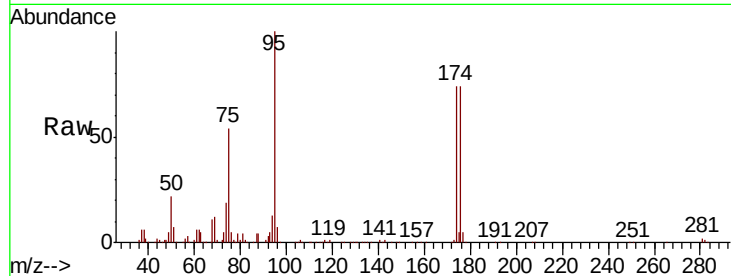




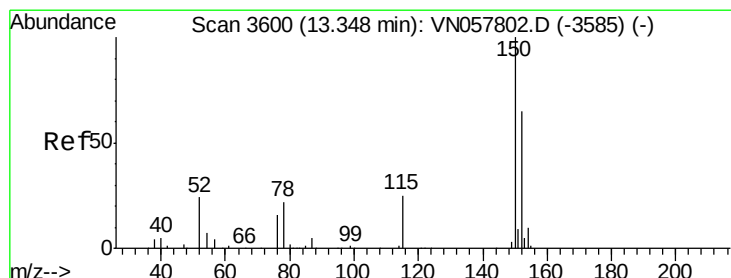
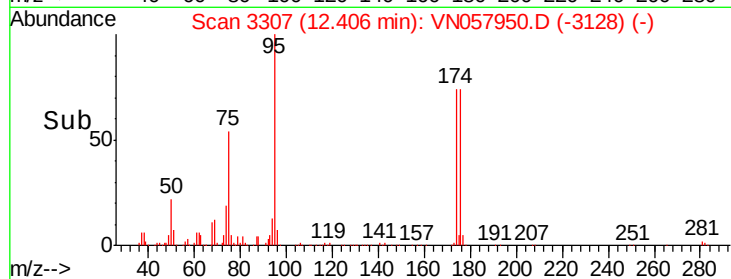
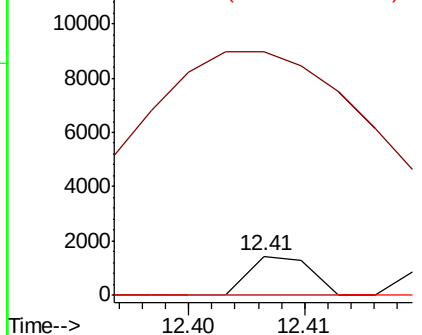
#71
Bromoform
Concen: 0.221 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.28 min
Lab File: VN057950.D
Acq: 12 Sep 2019 1:19

Instrument :
MSVOA_N
ClientSampleId :
CBH-139-D

Tgt Ion:173 Resp: 531
Ion Ratio Lower Upper
173 100
175 2476.6 23.5 70.6#
254 0.0 0.1 0.1#

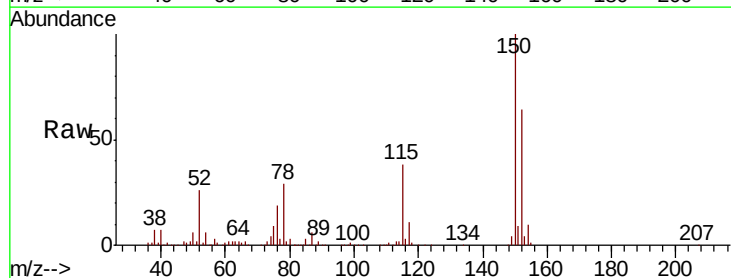


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

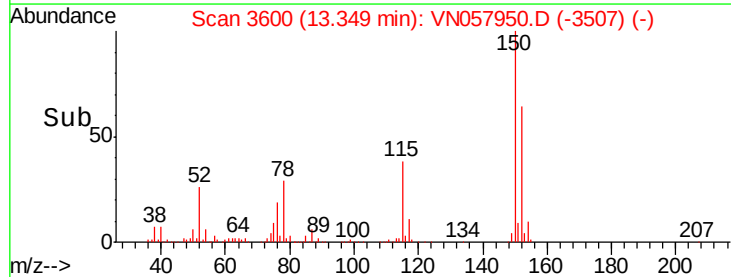
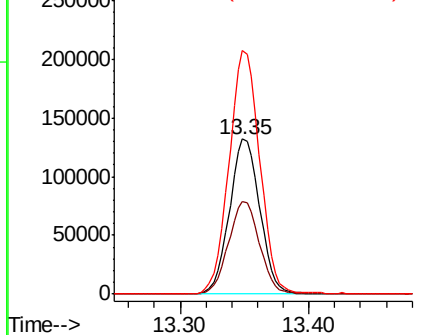


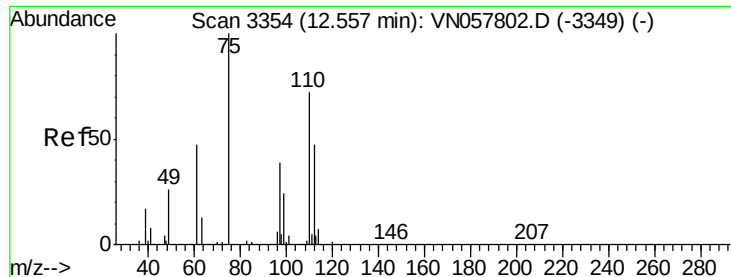
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN057950.D
Acq: 12 Sep 2019 1:19

Tgt Ion:152 Resp: 216473
Ion Ratio Lower Upper
152 100
115 61.4 30.3 91.0
150 158.3 0.0 352.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 30.949 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN057950.D

Acq: 12 Sep 2019 1:19

Instrument :

MSVOA_N

ClientSampleId :

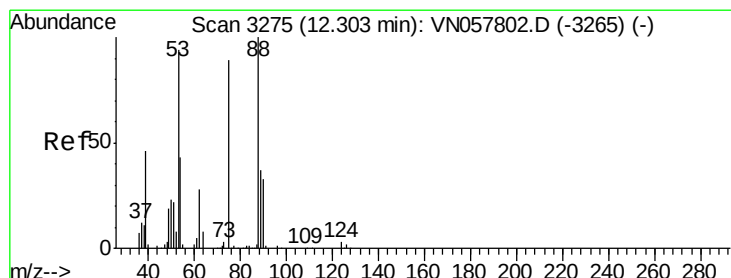
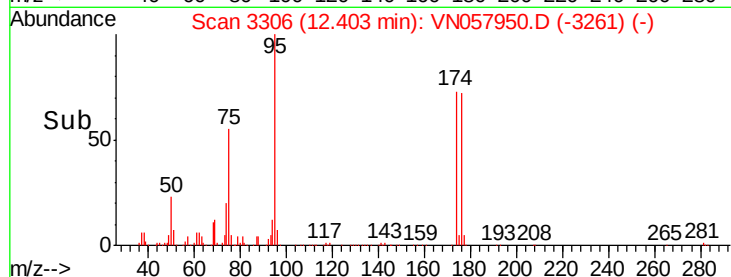
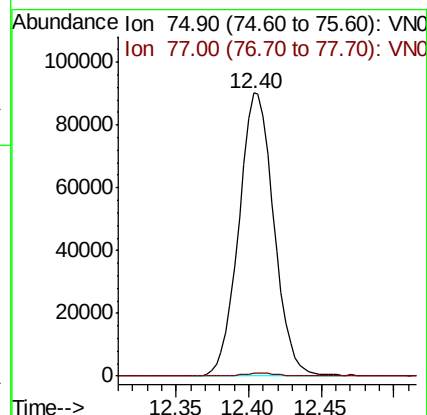
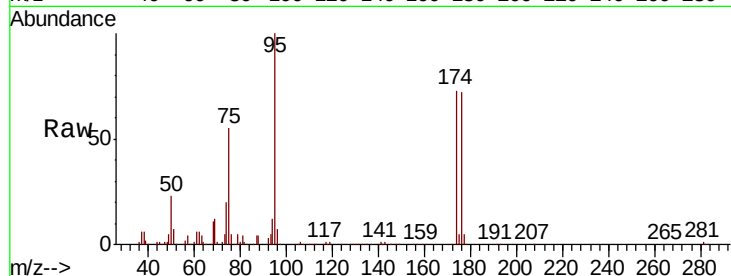
CBH-139-D

Tgt Ion: 75 Resp: 151556

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 108.909 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN057950.D

Acq: 12 Sep 2019 1:19

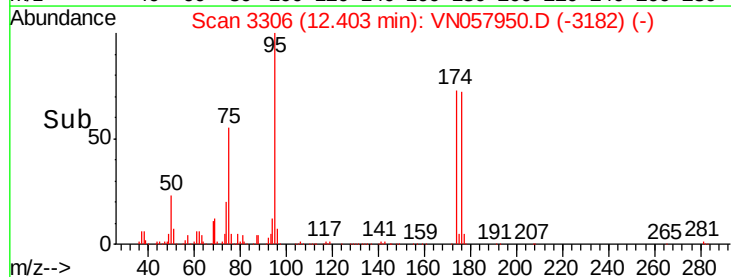
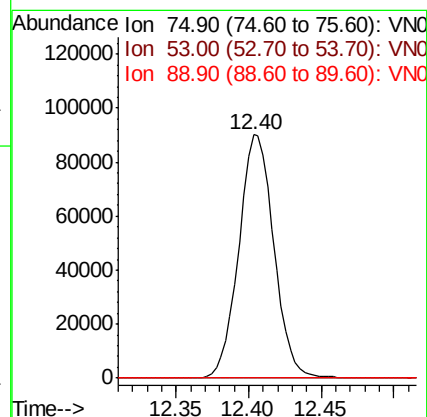
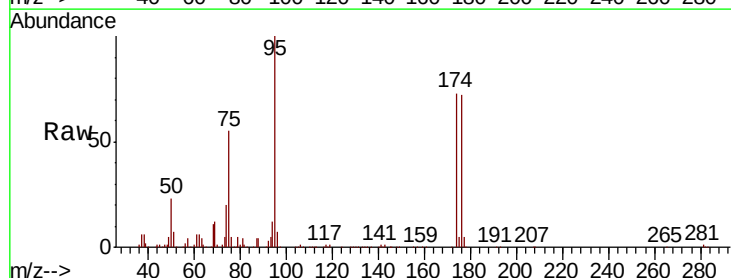
Tgt Ion: 75 Resp: 151556

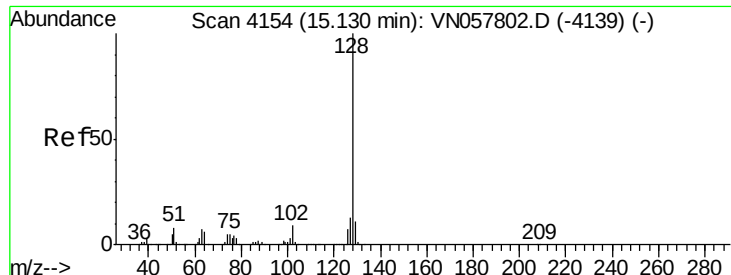
Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

89 0.0 35.3 52.9#





#95

Naphthalene

Concen: Below Cal

RT: 15.14 min Scan# 4157

Delta R.T. 0.01 min

Lab File: VN057950.D

Acq: 12 Sep 2019 1:19

Instrument :

MSVOA_N

ClientSampleId :

CBH-139-D

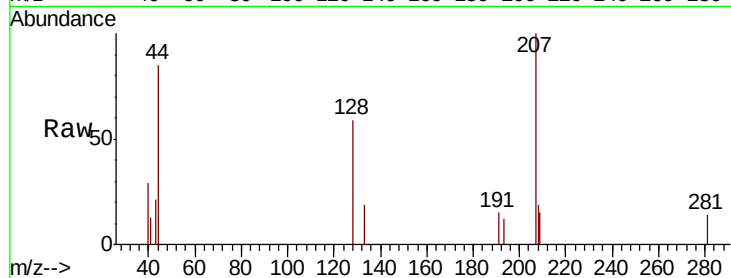
Tgt Ion:128 Resp: 1071

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

