

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031419\
 Data File : VN054283.D
 Acq On : 15 Mar 2019 1:48
 Operator : JC/SP
 Sample : PB117848TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB117848TB

Quant Time: Mar 15 07:00:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1275521	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2140047	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2205059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	896126	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	685408	50.60	ug/l	0.00
Spiked Amount			Recovery	=	101.20%	
35) Dibromofluoromethane	7.59	113	661378	47.92	ug/l	0.00
Spiked Amount			Recovery	=	95.84%	
50) Toluene-d8	10.09	98	2654381	52.07	ug/l	0.00
Spiked Amount			Recovery	=	104.14%	
62) 4-Bromofluorobenzene	12.40	95	975368	54.69	ug/l	0.00
Spiked Amount			Recovery	=	109.38%	

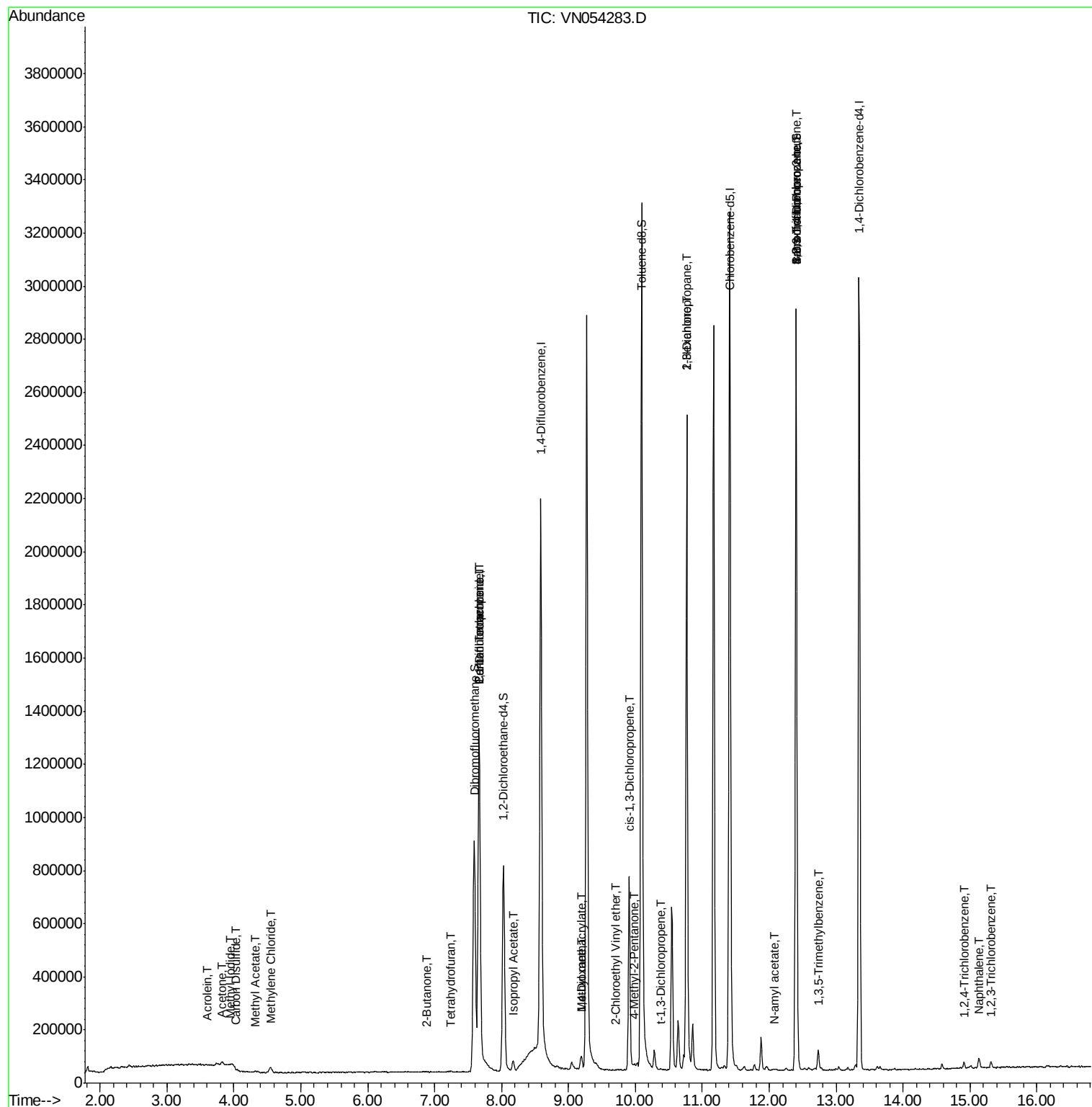
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	3.94	142	2386	1.619	ug/l #	55
13) Acrolein	3.61	56	578	0.657	ug/l	86
16) Acetone	3.82	43	17513	4.515	ug/l #	83
17) Carbon Disulfide	4.04	76	8550	0.257	ug/l	98
18) Methyl Acetate	4.32	43	4328	0.552	ug/l	95
20) Methylene Chloride	4.54	84	14798	1.162	ug/l	90
25) 2-Butanone	6.87	43	3536	0.777	ug/l #	46
29) Tetrahydrofuran	7.24	42	866	0.296	ug/l	100
31) Cyclohexane	7.66	56	19717	Below Cal	#	5
36) 1,1-Dichloropropene	7.66	75	75050	3.808	ug/l #	49
38) Carbon Tetrachloride	7.66	117	103376	5.002	ug/l #	16
43) Isopropyl Acetate	8.17	43	48003	2.415	ug/l	99
48) Methyl methacrylate	9.19	41	16962	1.682	ug/l #	11
49) 1,4-Dioxane	9.20	88	160	1.121	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	13266	1.261	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	875	2.025	ug/l #	3
54) cis-1,3-Dichloropropene	9.91	75	141310	6.393	ug/l #	61
57) 1,3-Dichloropropane	10.76	76	27431	1.285	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.70	63	346	16.876	ug/l #	80
59) 2-Hexanone	10.77	43	362327	51.767	ug/l #	51
71) Bromoform	12.40	173	5988	2.776	ug/l #	1
74) N-amyl acetate	12.07	43	3630	0.228	ug/l #	72
76) 1,2,3-Trichloropropane	12.40	75	467742	35.494	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	39759	0.667	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	467742	121.335	ug/l #	11
93) 1,2,4-Trichlorobenzene	14.91	180	7776	2.908	ug/l	100
95) Naphthalene	15.13	128	34597	4.289	ug/l	97
96) 1,2,3-Trichlorobenzene	15.32	180	8565	0.516	ug/l	94

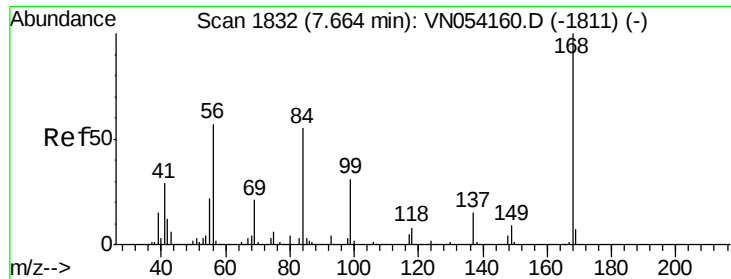
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 15 07:00:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054283.D

Acq: 15 Mar 2019 1:48

Instrument :

MSVOA_N

ClientSampled :

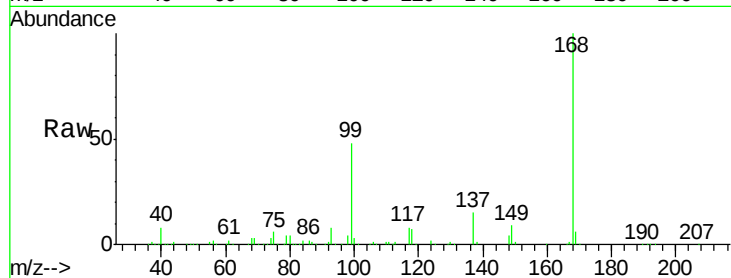
PB117848TB

Tot Ion:168 Resp: 1275521

Ion Ratio Lower Upper

168 100

99 47.6 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

500000

400000

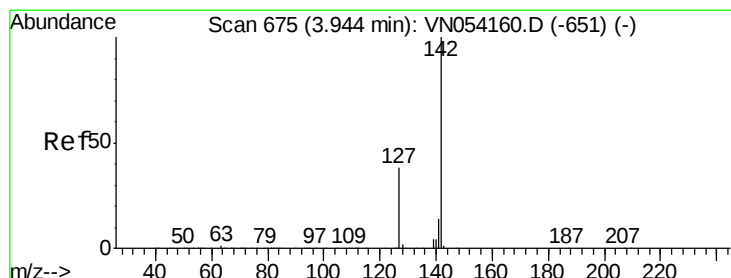
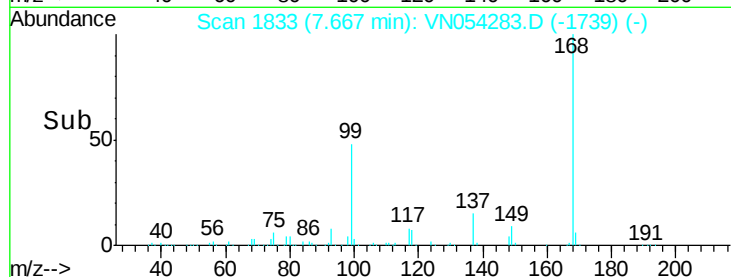
300000

200000

100000

0

Time-->



#10

Methyl Iodide

Concen: 1.619 ug/l

RT: 3.94 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN054283.D

Acq: 15 Mar 2019 1:48

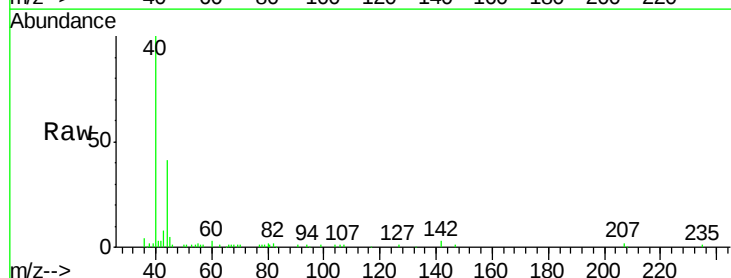
Tgt Ion:142 Resp: 2386

Ion Ratio Lower Upper

142 100

127 3.6 30.3 45.5#

141 8.5 11.2 16.8#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

3.94

1200

1000

800

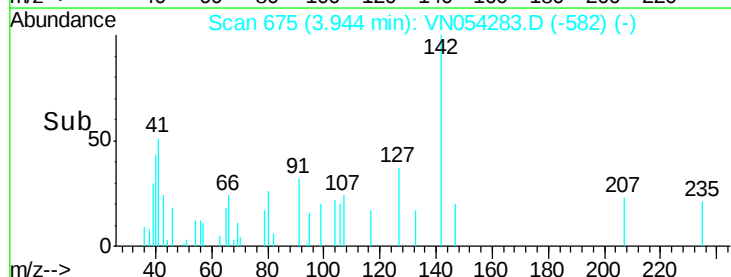
600

400

200

0

Time-->





#13

Acrolein

Concen: 0.657 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN054283.D

Acq: 15 Mar 2019 1:48

Instrument :

MSVOA_N

ClientSampled :

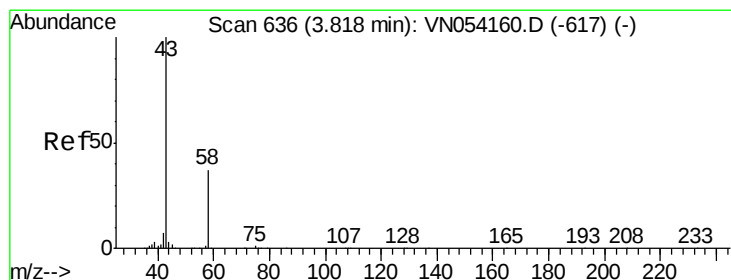
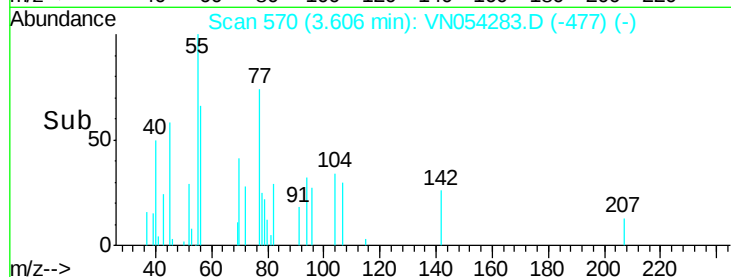
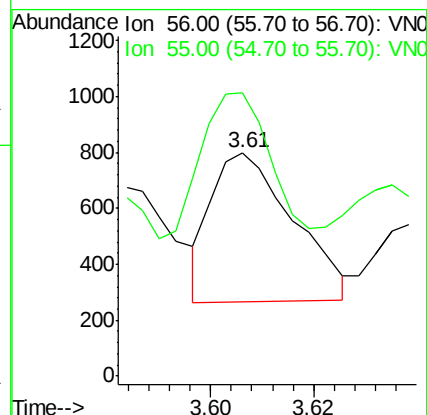
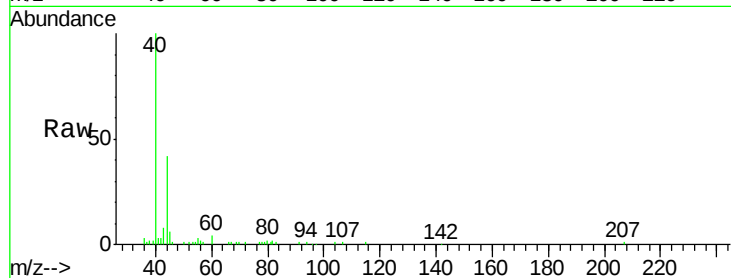
PB117848TB

Tot Ion: 56 Resp: 578

Ion Ratio Lower Upper

56 100

55 82.2 56.7 85.1



#16

Acetone

Concen: 4.515 ug/l

RT: 3.82 min Scan# 635

Delta R.T. -0.00 min

Lab File: VN054283.D

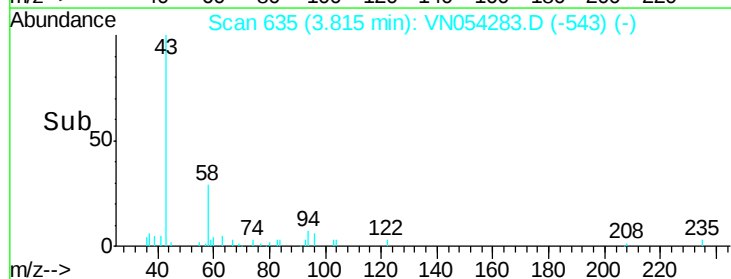
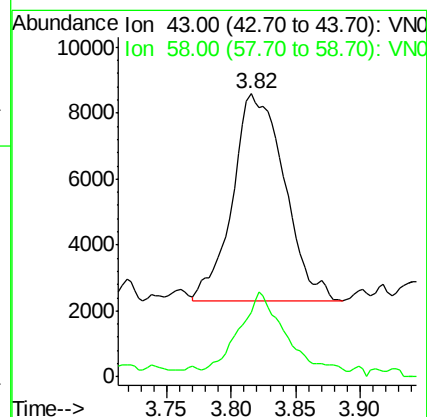
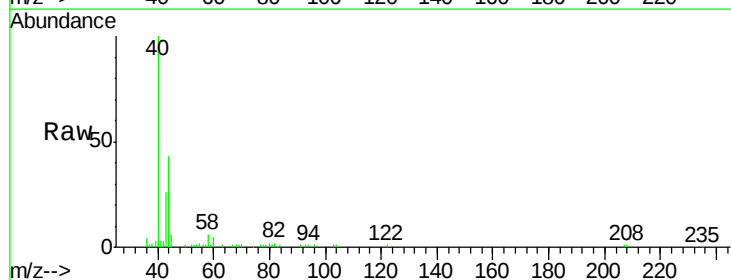
Acq: 15 Mar 2019 1:48

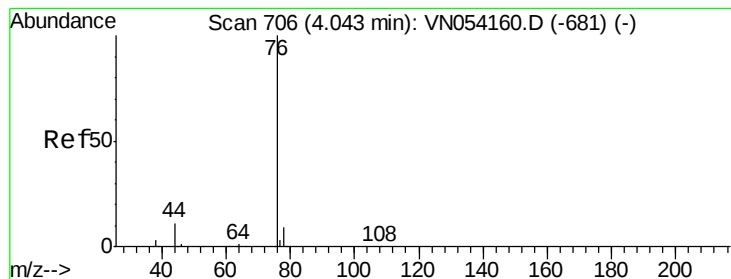
Tgt Ion: 43 Resp: 17513

Ion Ratio Lower Upper

43 100

58 27.2 29.9 44.9#





#17

Carbon Disulfide

Concen: 0.257 ug/l

RT: 4.04 min Scan# 704

Delta R.T. -0.01 min

Lab File: VN054283.D

Acq: 15 Mar 2019 1:48

Instrument :

MSVOA_N

ClientSampleId :

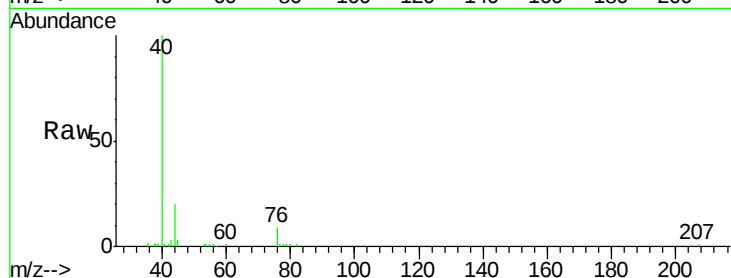
PB117848TB

Tot Ion: 76 Resp: 8550

Ion Ratio Lower Upper

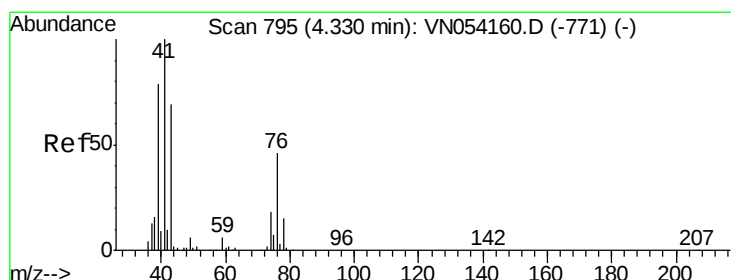
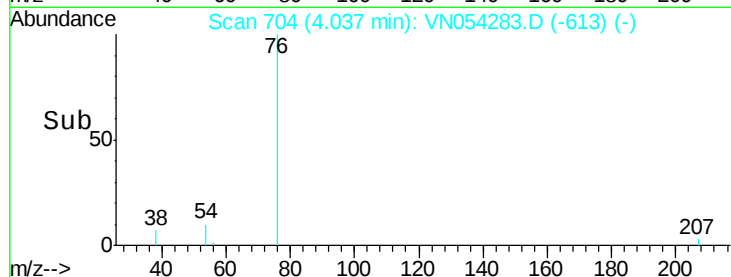
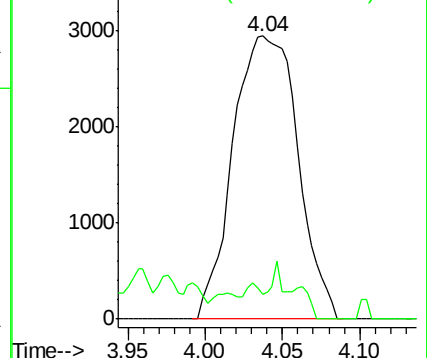
76 100

78 8.6 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 0.552 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.01 min

Lab File: VN054283.D

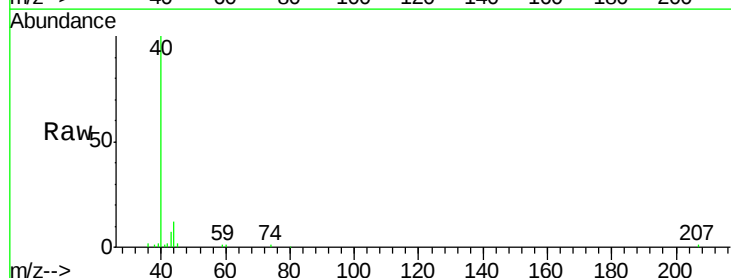
Acq: 15 Mar 2019 1:48

Tgt Ion: 43 Resp: 4328

Ion Ratio Lower Upper

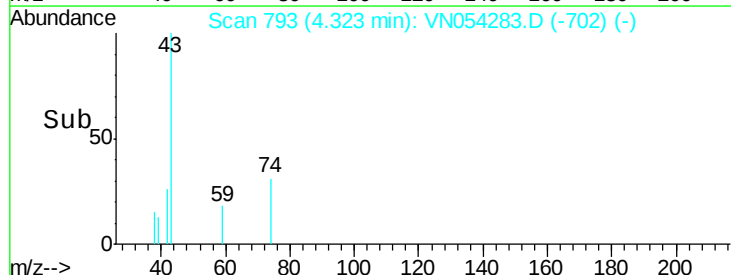
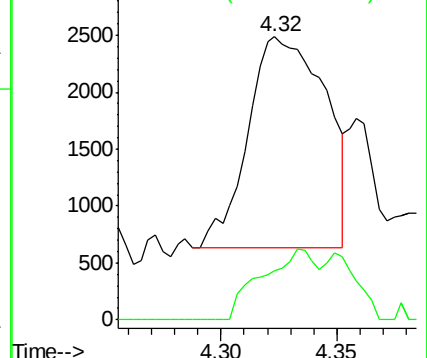
43 100

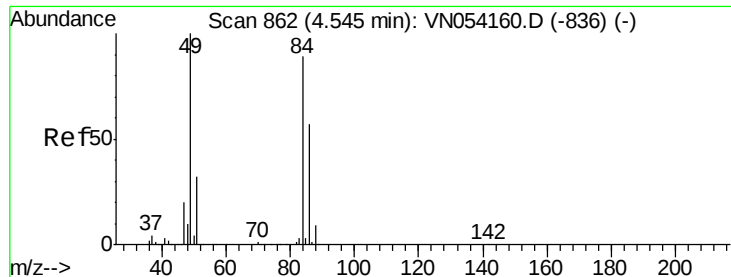
74 23.5 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

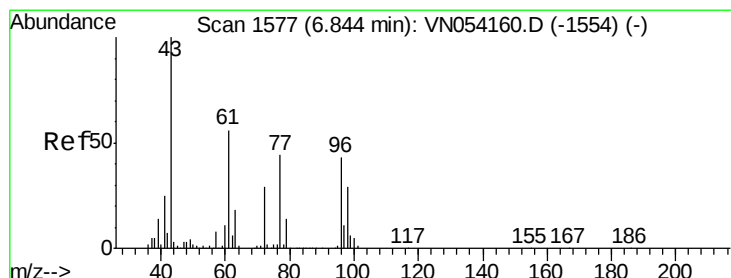
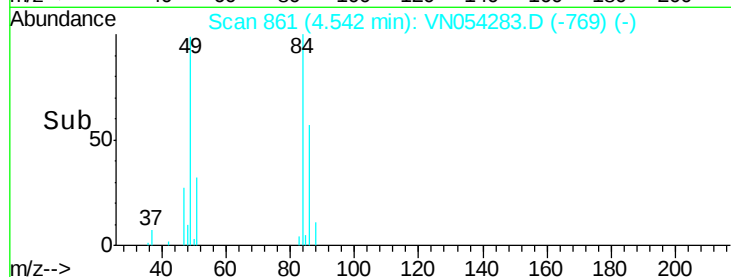
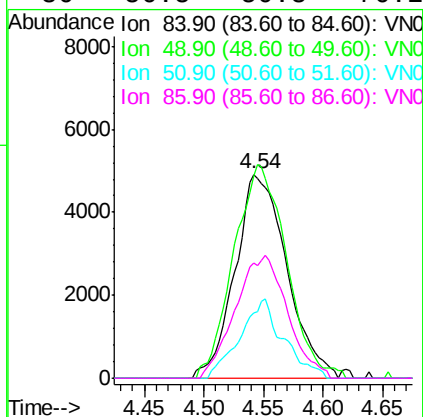
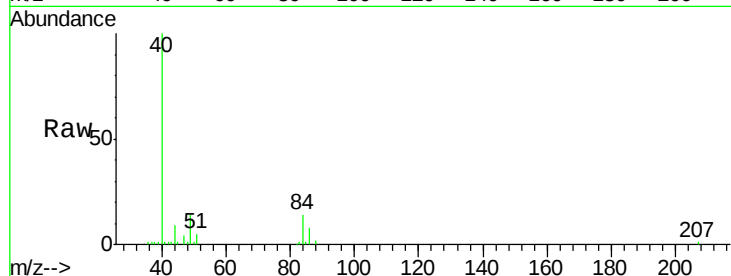




#20
Methvlene Chloride
Concen: 1.162 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN054283.D
Acq: 15 Mar 2019 1:48

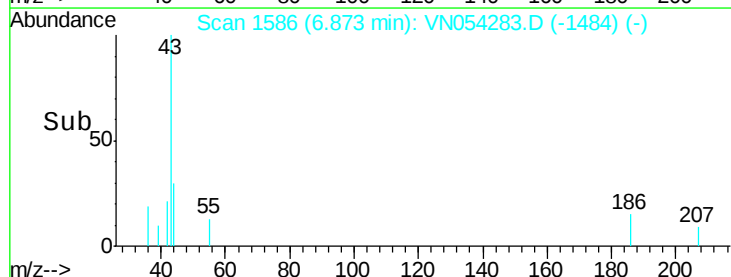
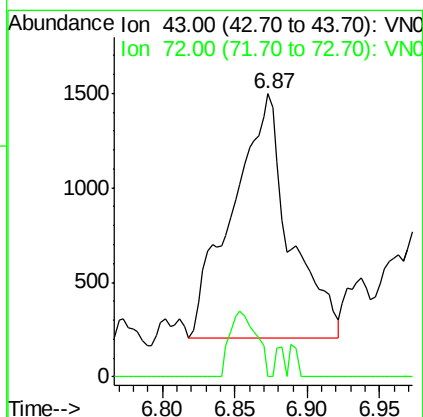
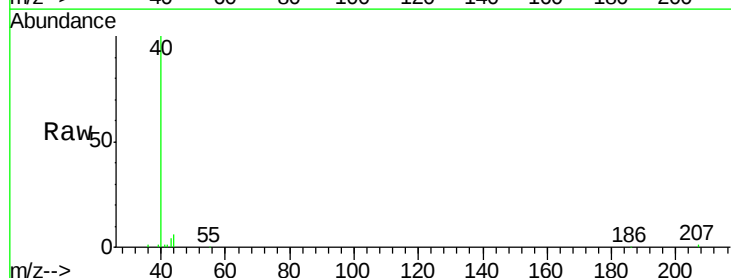
Instrument :
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ClientSampleId :
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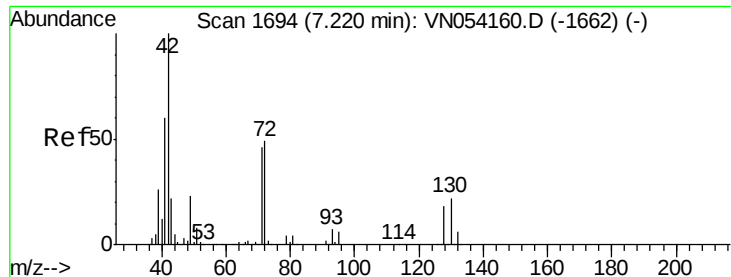
Tot Ion: 84 Resp: 14798
Ion Ratio Lower Upper
84 100
49 99.3 89.7 134.5
51 31.8 28.2 42.4
86 56.5 50.8 76.2



#25
2-Butanone
Concen: 0.777 ug/l
RT: 6.87 min Scan# 1586
Delta R.T. 0.03 min
Lab File: VN054283.D
Acq: 15 Mar 2019 1:48

Tgt Ion: 43 Resp: 3536
Ion Ratio Lower Upper
43 100
72 0.0 23.0 34.6#

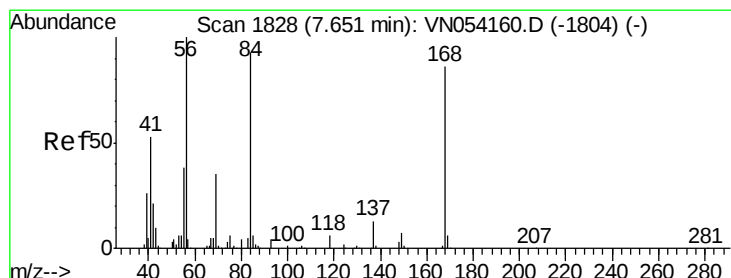
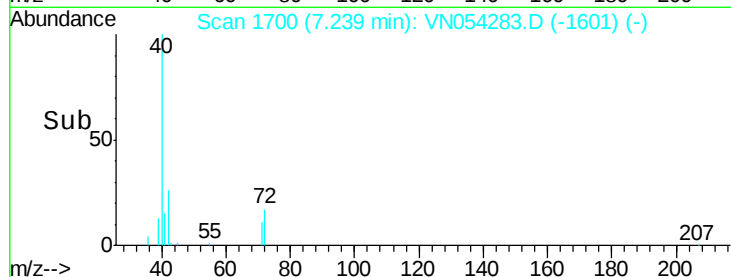
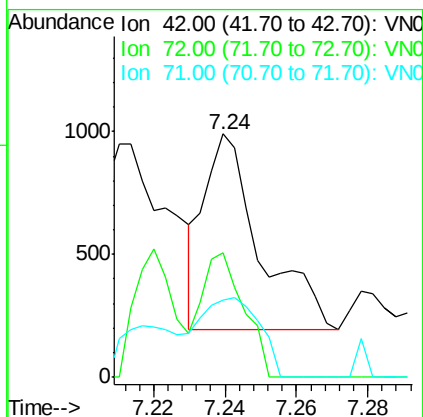
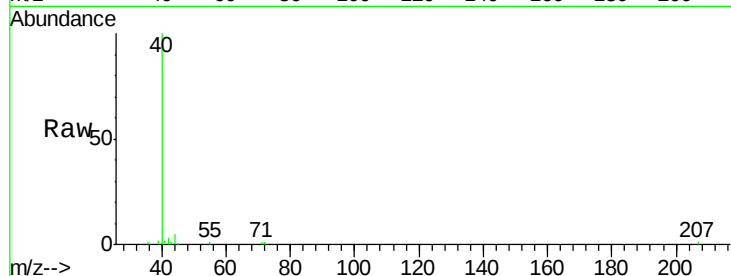




#29
Tetrahydrofuran
Concen: 0.296 ug/l
RT: 7.24 min Scan# 1700
Delta R.T. 0.02 min
Lab File: VN054283.D
Acq: 15 Mar 2019 1:48

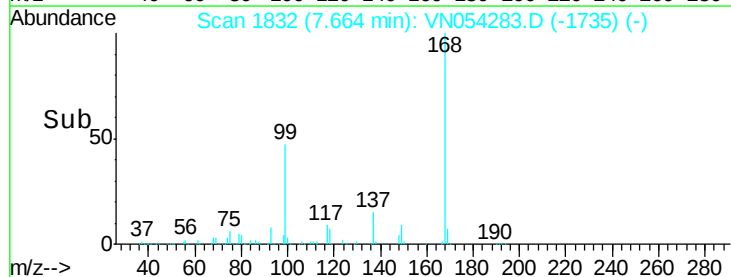
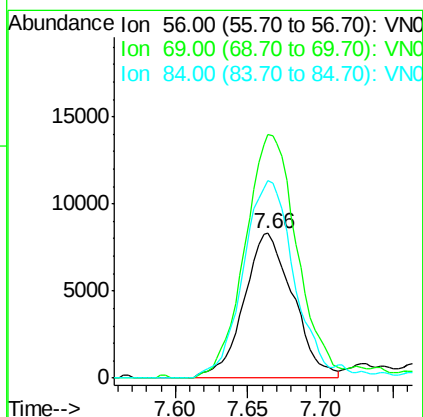
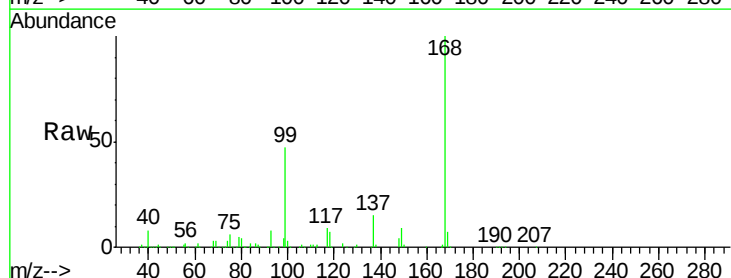
Instrument :
MSVOA_N
ClientSampled :
PB117848TB

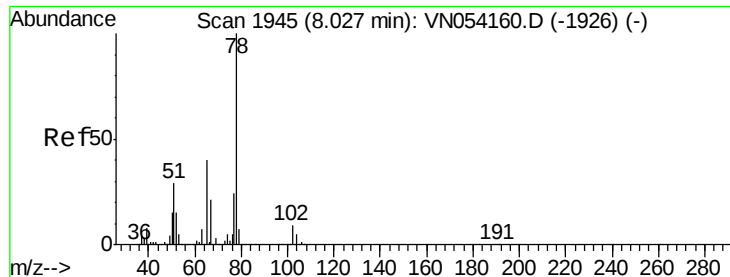
Tot Ion: 42 Resp: 866
Ion Ratio Lower Upper
42 100
72 47.2 37.8 56.6
71 45.4 36.2 54.2



#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN054283.D
Acq: 15 Mar 2019 1:48

Tgt Ion: 56 Resp: 19717
Ion Ratio Lower Upper
56 100
69 168.0 27.8 41.6#
84 135.9 74.6 111.8#

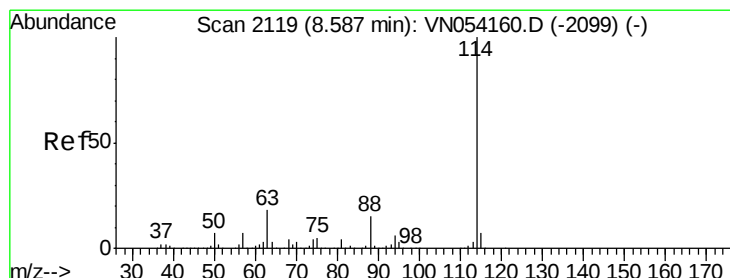
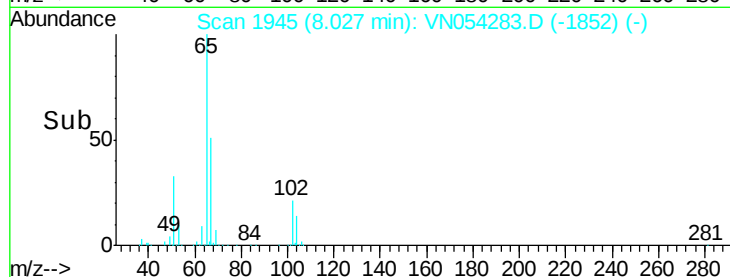
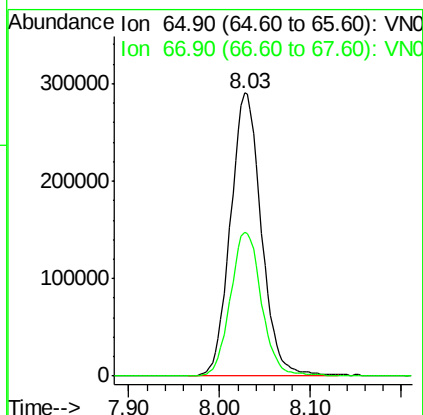
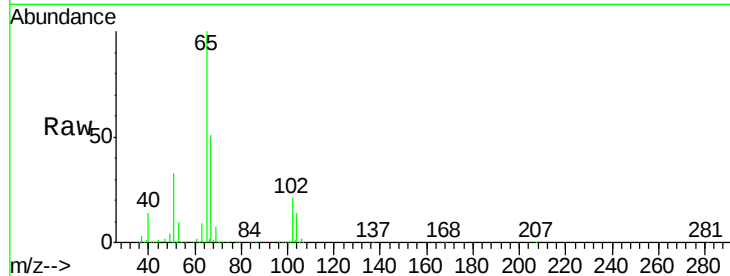




#33
 1,2-Dichloroethane-d4
 Concen: 50.598 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054283.D
 Acq: 15 Mar 2019 1:48

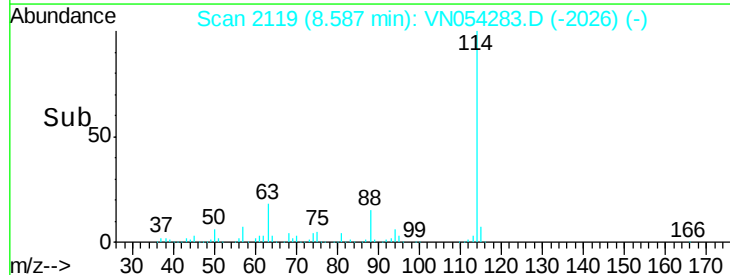
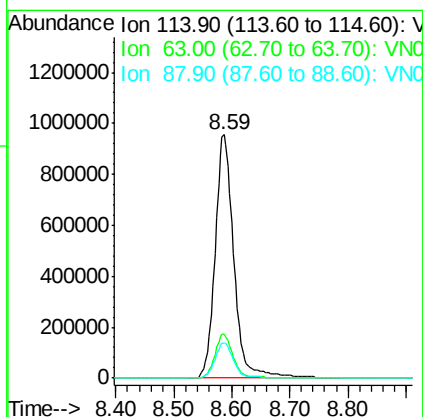
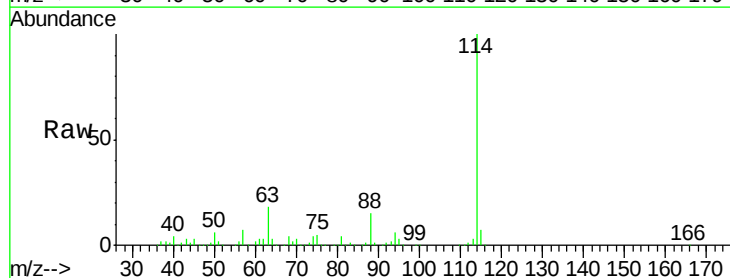
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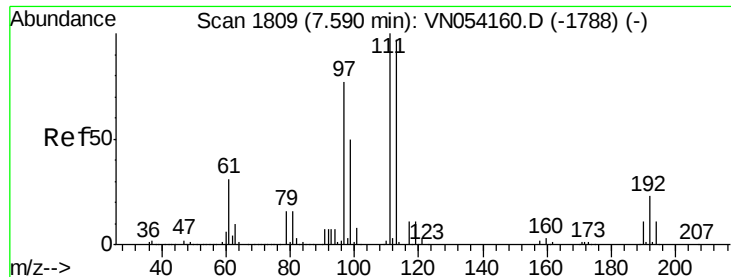
Tot Ion: 65 Resp: 685408
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054283.D
 Acq: 15 Mar 2019 1:48

Tgt Ion: 114 Resp: 2140047
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 35.2
 88 14.6 0.0 30.2

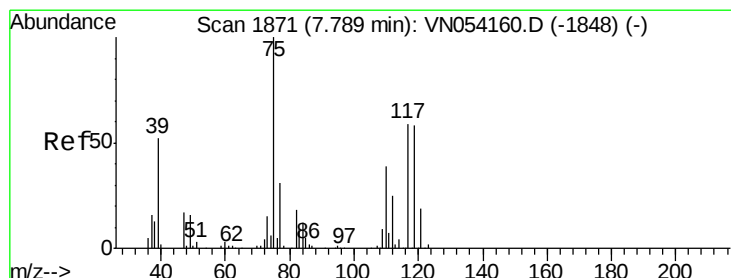
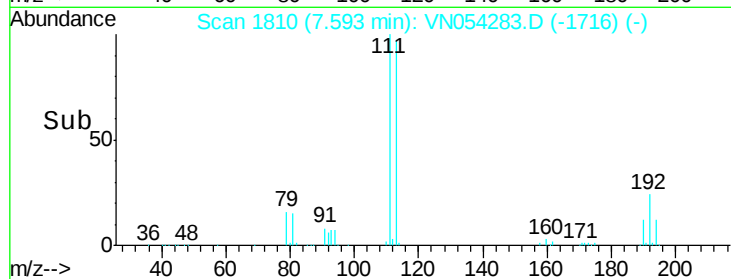
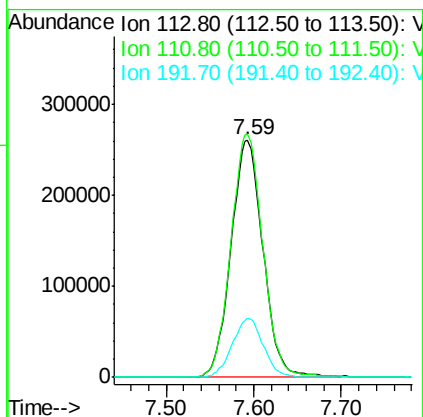
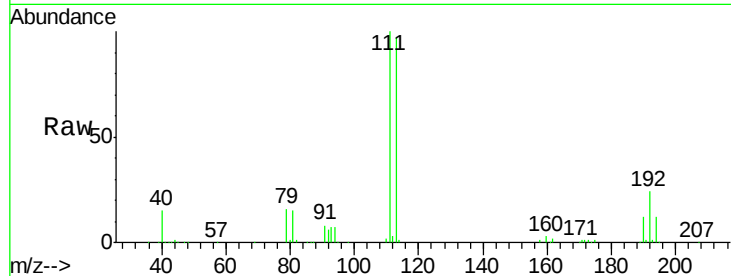




#35
Dibromofluoromethane
Concen: 47.918 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN054283.D
Acq: 15 Mar 2019 1:48

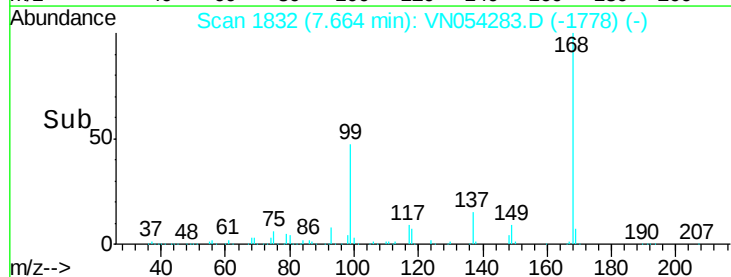
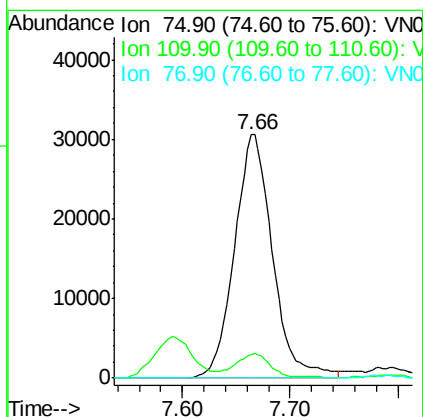
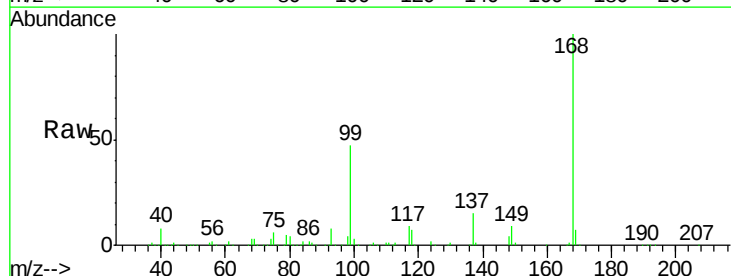
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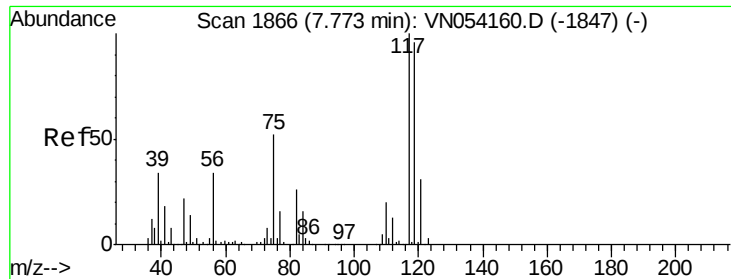
Tot Ion:113 Resp: 661378
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 24.2 19.2 28.8



#36
1,1-Dichloropropene
Concen: 3.808 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN054283.D
Acq: 15 Mar 2019 1:48

Tgt Ion: 75 Resp: 75050
Ion Ratio Lower Upper
75 100
110 9.7 19.1 57.5#
77 0.0 25.0 37.4#

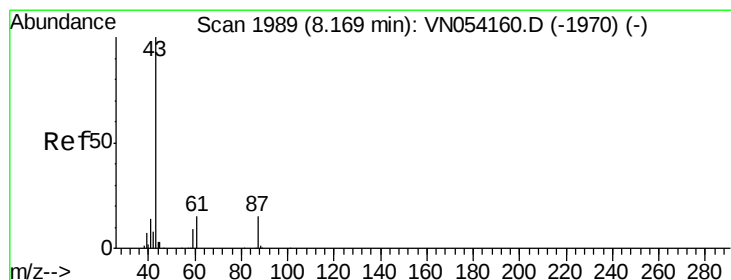
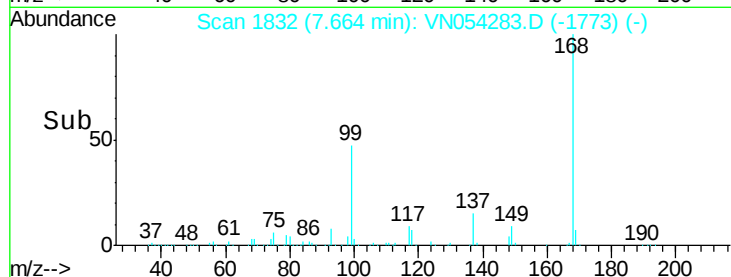
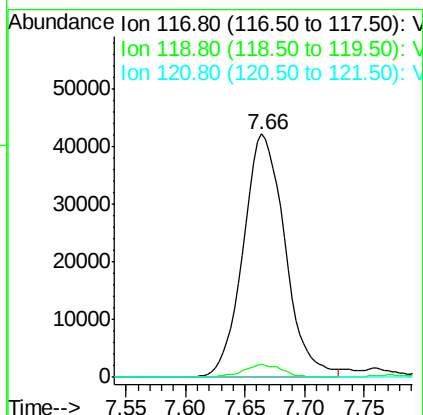
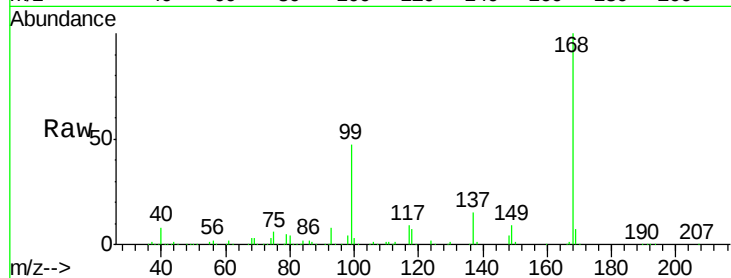




#38
Carbon Tetrachloride
Concen: 5.002 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN054283.D
Acq: 15 Mar 2019 1:48

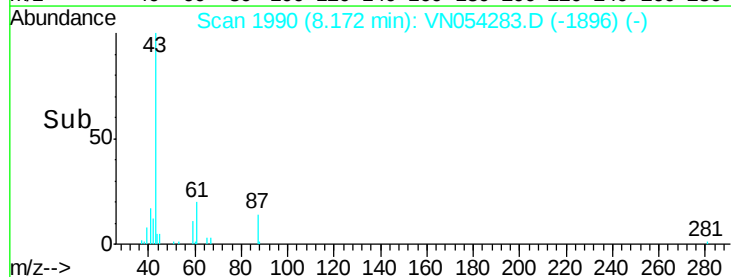
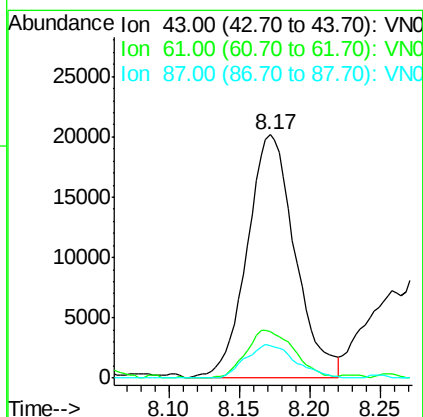
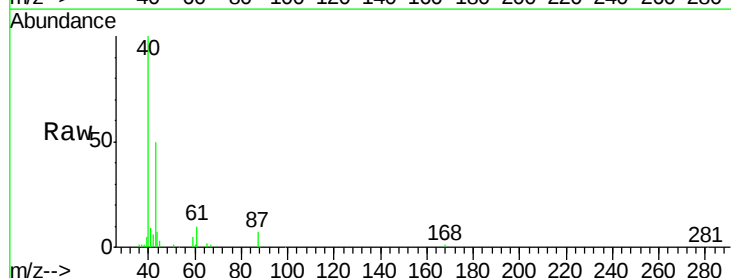
Instrument :
MSVOA_N
ClientSampled :
PB117848TB

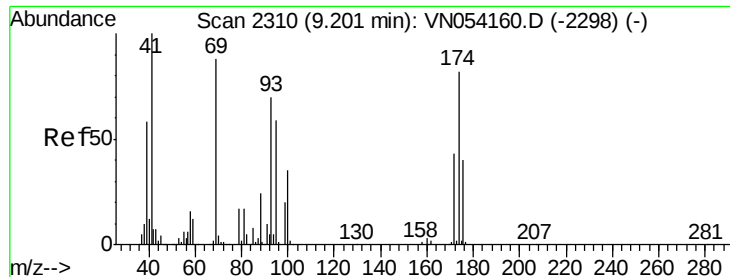
Tot Ion:117 Resp: 103376
Ion Ratio Lower Upper
117 100
119 5.2 76.3 114.5#
121 0.0 24.6 36.8#



#43
Isopropyl Acetate
Concen: 2.415 ug/l
RT: 8.17 min Scan# 1990
Delta R.T. 0.00 min
Lab File: VN054283.D
Acq: 15 Mar 2019 1:48

Tgt Ion: 43 Resp: 48003
Ion Ratio Lower Upper
43 100
61 19.6 15.8 23.8
87 14.1 12.0 18.0

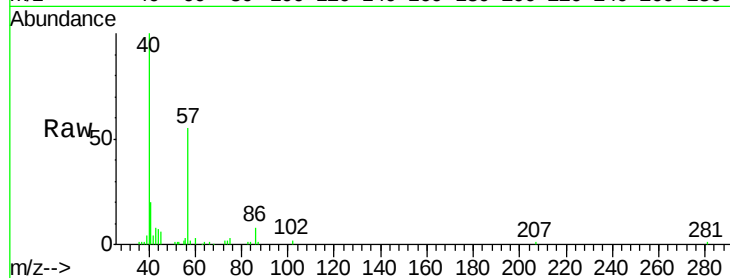




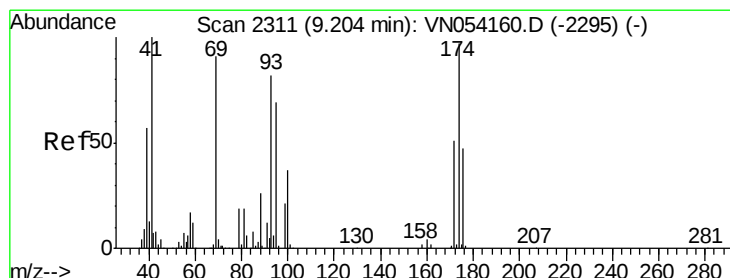
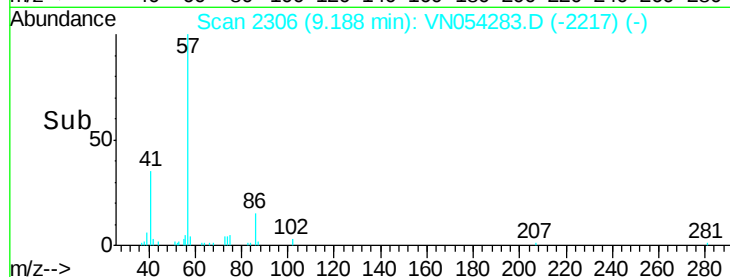
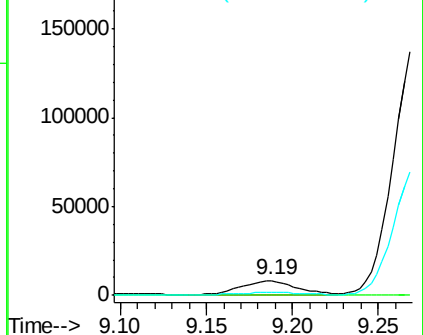
#48
Methvl methacrylate
Concen: 1.682 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. -0.01 min
Lab File: VN054283.D
Acq: 15 Mar 2019 1:48

Instrument :
MSVOA_N
ClientSampled :
PB117848TB

Tot Ion: 41 Resp: 16962
Ion Ratio Lower Upper
41 100
69 0.7 72.6 108.8#
39 0.0 47.5 71.3#

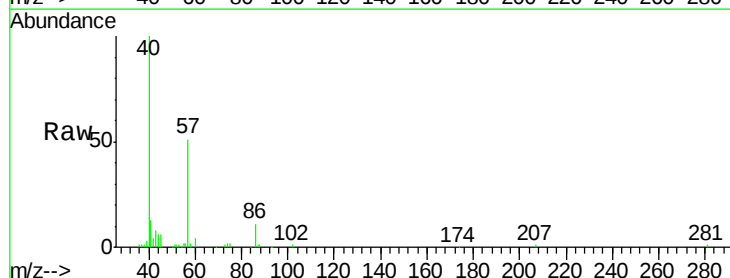


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 39.00 (38.70 to 39.70): VNC

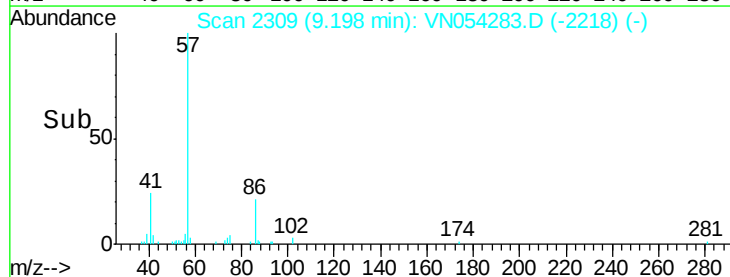
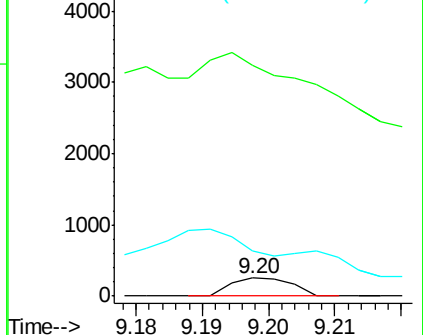


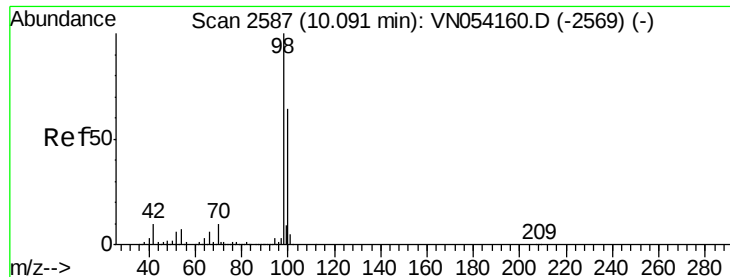
#49
1,4-Dioxane
Concen: 1.121 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. -0.01 min
Lab File: VN054283.D
Acq: 15 Mar 2019 1:48

Tgt Ion: 88 Resp: 160
Ion Ratio Lower Upper
88 100
43 0.0 24.1 36.1#
58 1247.5 50.8 76.2#



Abundance Ion 88.00 (87.70 to 88.70): VNC
Ion 43.00 (42.70 to 43.70): VNC
Ion 58.00 (57.70 to 58.70): VNC





#50

Toluene-d8

Concen: 52.073 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054283.D

Acq: 15 Mar 2019 1:48

Instrument :

MSVOA_N

ClientSampled :

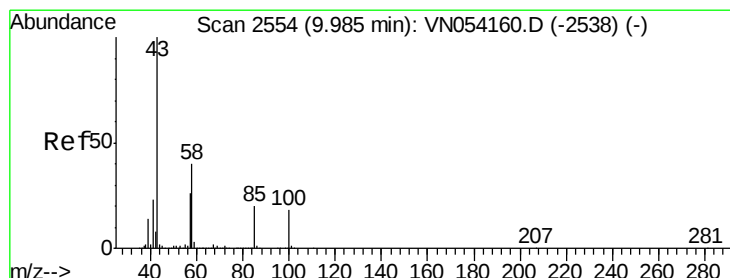
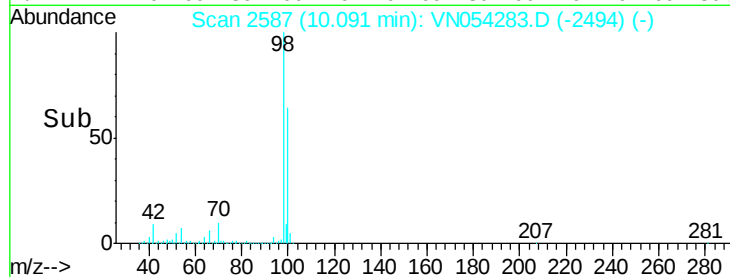
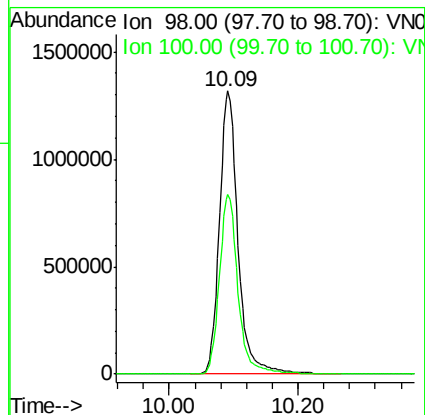
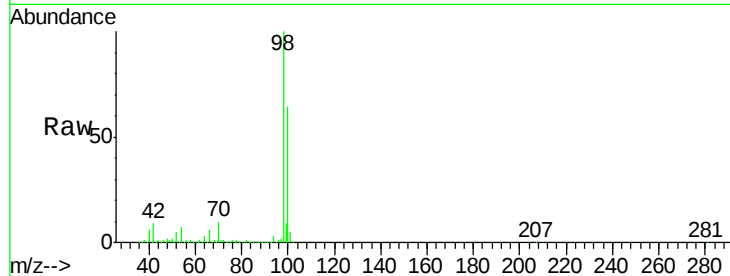
PB117848TB

Tot Ion: 98 Resp: 2654381

Ion Ratio Lower Upper

98 100

100 63.6 51.2 76.8



#51

4-Methyl-2-Pentanone

Concen: 1.261 ug/l

RT: 9.99 min Scan# 2557

Delta R.T. 0.01 min

Lab File: VN054283.D

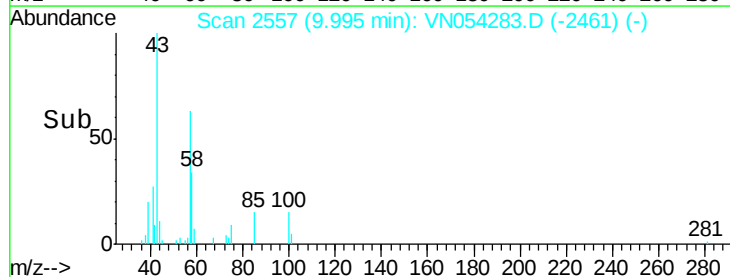
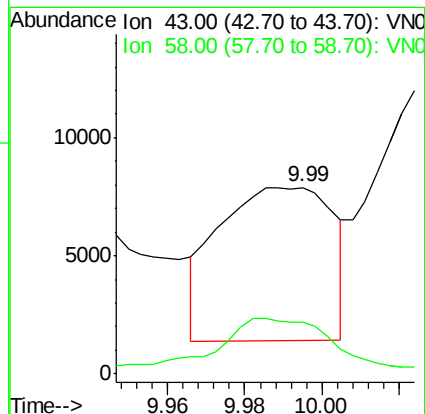
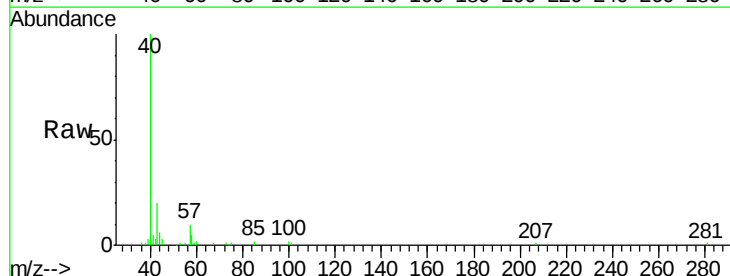
Acq: 15 Mar 2019 1:48

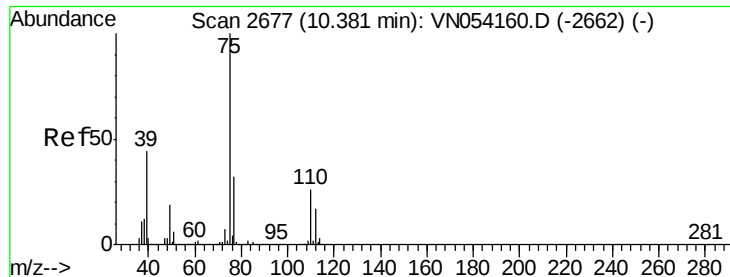
Tgt Ion: 43 Resp: 13266

Ion Ratio Lower Upper

43 100

58 40.3 31.8 47.6





#53

t-1,3-Dichloropropene

Concen: 2.025 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN054283.D

Acq: 15 Mar 2019 1:48

Instrument :

MSVOA_N

ClientSampled :

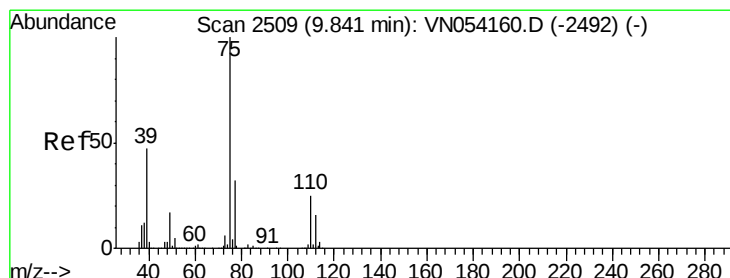
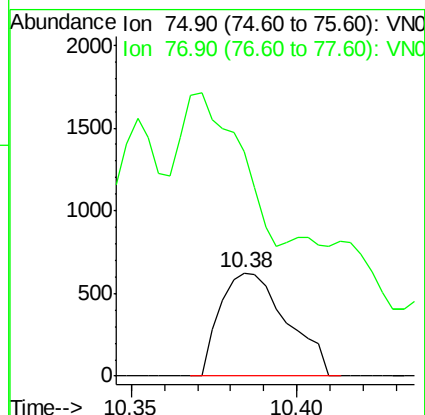
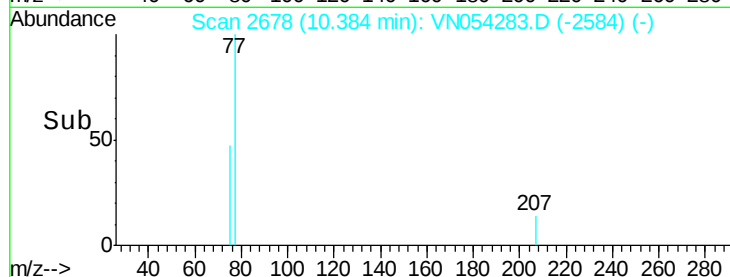
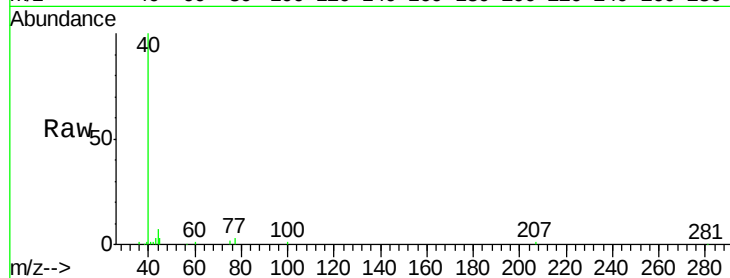
PB117848TB

Tot Ion: 75 Resp: 875

Ion Ratio Lower Upper

75 100

77 86.7 25.8 38.8#



#54

cis-1,3-Dichloropropene

Concen: 6.393 ug/l

RT: 9.91 min Scan# 2530

Delta R.T. 0.07 min

Lab File: VN054283.D

Acq: 15 Mar 2019 1:48

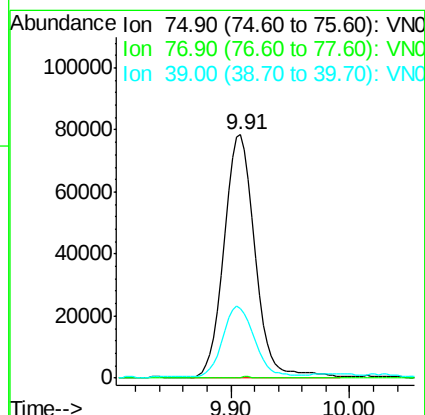
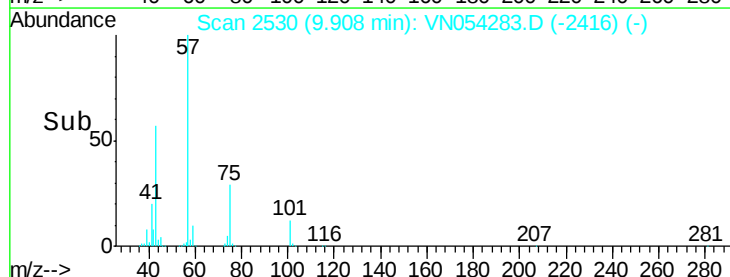
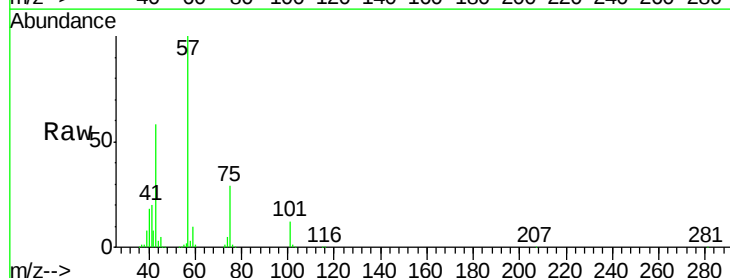
Tgt Ion: 75 Resp: 141310

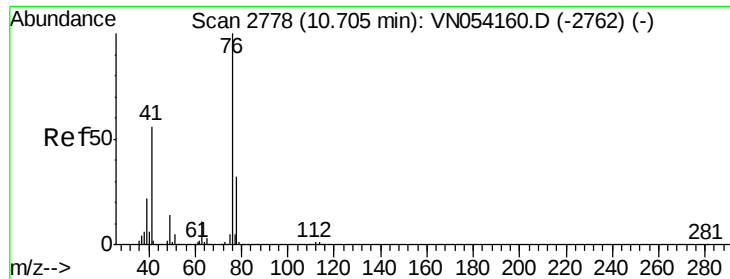
Ion Ratio Lower Upper

75 100

77 0.4 25.4 38.0#

39 28.3 37.2 55.8#





#57

1,3-Dichloropropane

Concen: 1.285 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN054283.D

Acq: 15 Mar 2019 1:48

Instrument :

MSVOA_N

ClientSampleId :

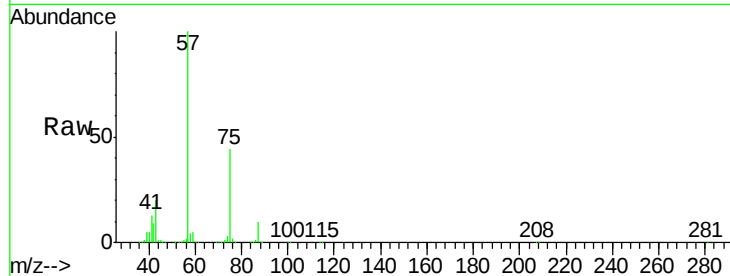
PB117848TB

Tot Ion: 76 Resp: 27431

Ion Ratio Lower Upper

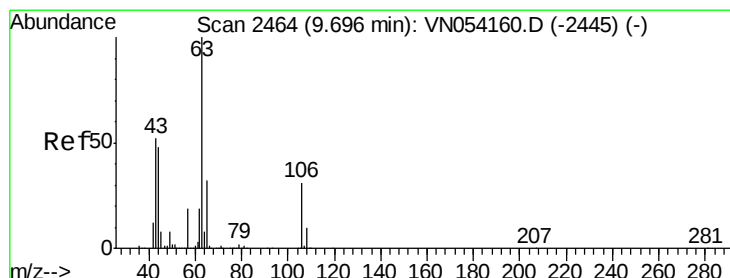
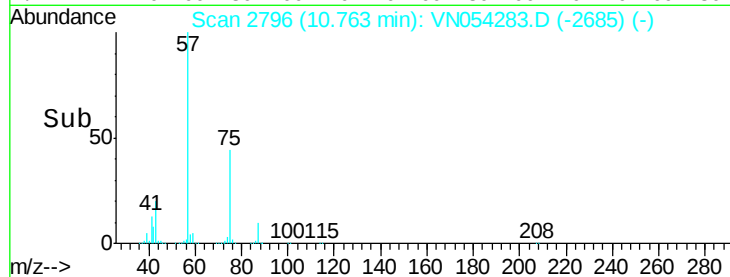
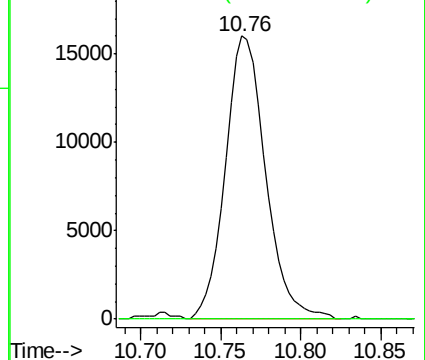
76 100

78 0.0 25.7 38.5#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 16.876 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN054283.D

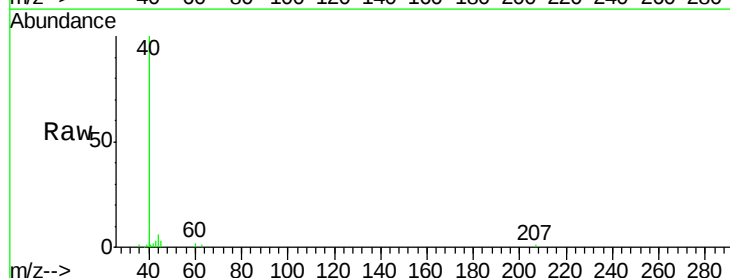
Acq: 15 Mar 2019 1:48

Tgt Ion: 63 Resp: 346

Ion Ratio Lower Upper

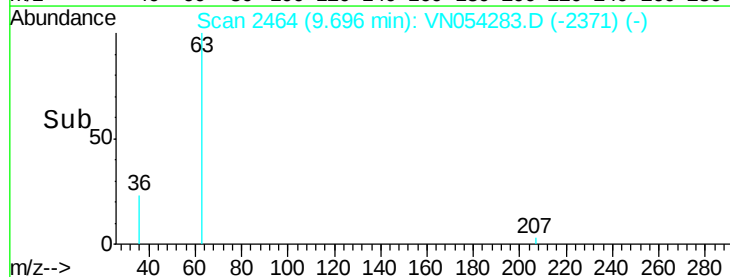
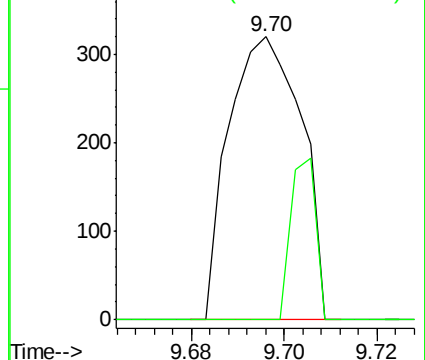
63 100

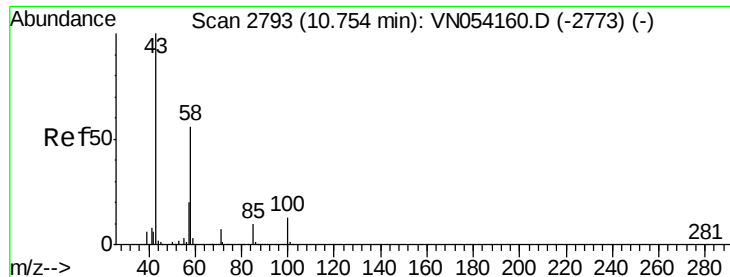
106 19.7 24.4 36.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

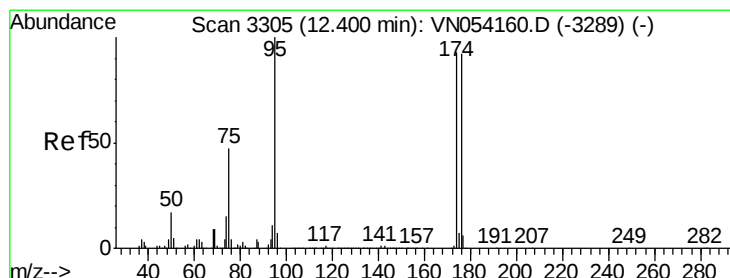
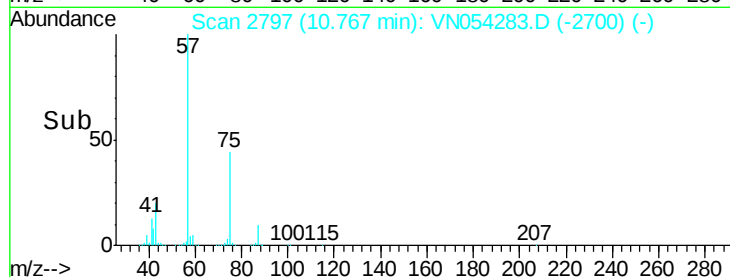
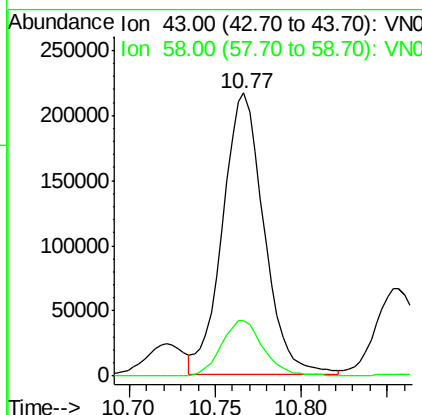
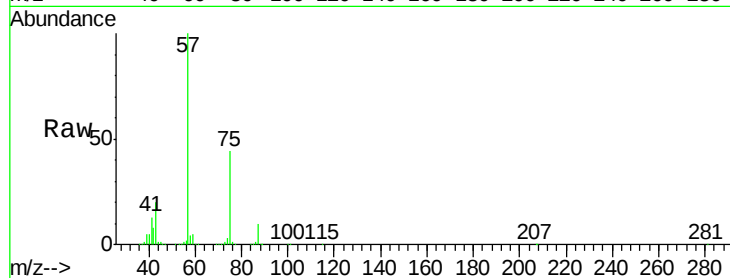




#59
2-Hexanone
Concen: 51.767 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN054283.D
Acq: 15 Mar 2019 1:48

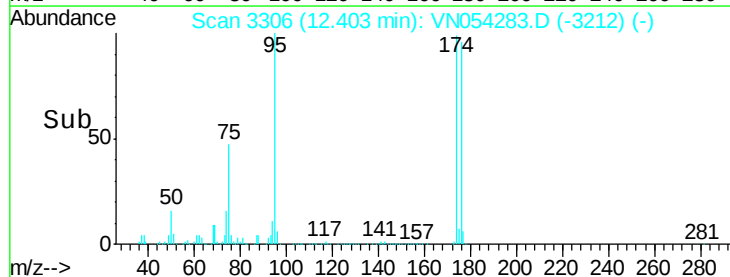
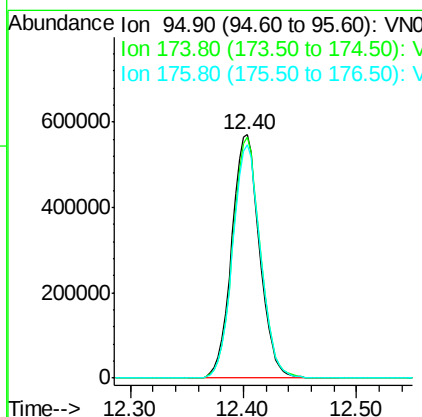
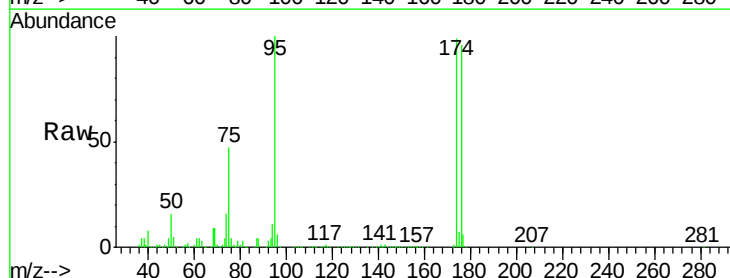
Instrument :
MSVOA_N
ClientSampled :
PB117848TB

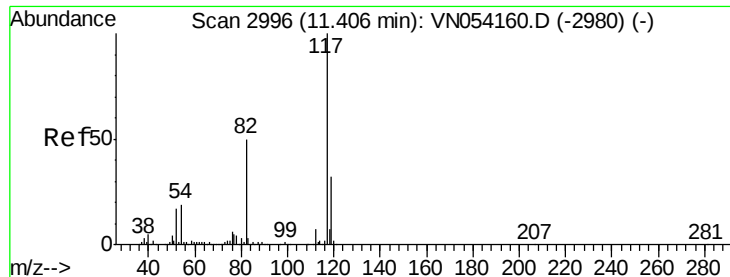
Tot Ion: 43 Resp: 362327
Ion Ratio Lower Upper
43 100
58 20.2 28.0 83.9#



#62
4-Bromofluorobenzene
Concen: 54.685 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN054283.D
Acq: 15 Mar 2019 1:48

Tgt Ion: 95 Resp: 975368
Ion Ratio Lower Upper
95 100
174 98.1 0.0 191.0
176 96.3 0.0 187.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN054283.D

Acq: 15 Mar 2019 1:48

Instrument :

MSVOA_N

ClientSampleId :

PB117848TB

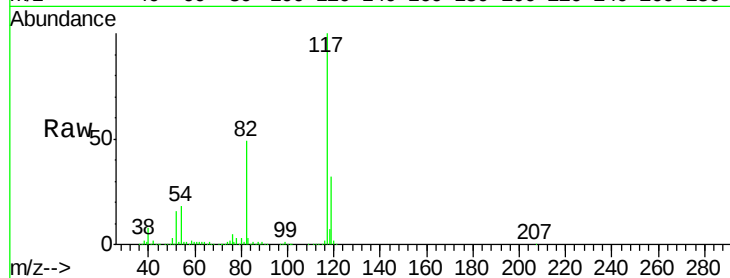
Tot Ion:117 Resp: 2205059

Ion Ratio Lower Upper

117 100

82 49.4 40.0 60.0

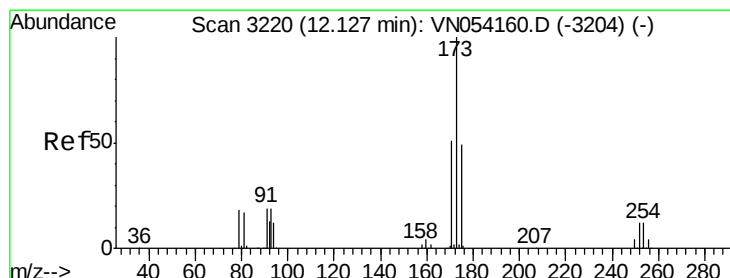
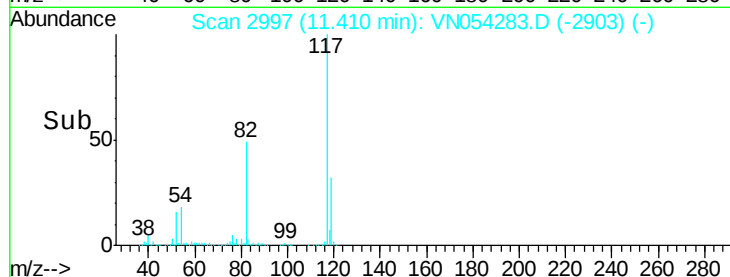
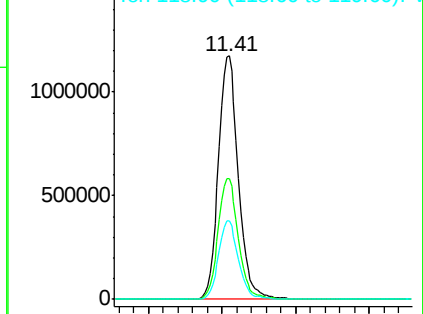
119 32.2 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#71

Bromoform

Concen: 2.776 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN054283.D

Acq: 15 Mar 2019 1:48

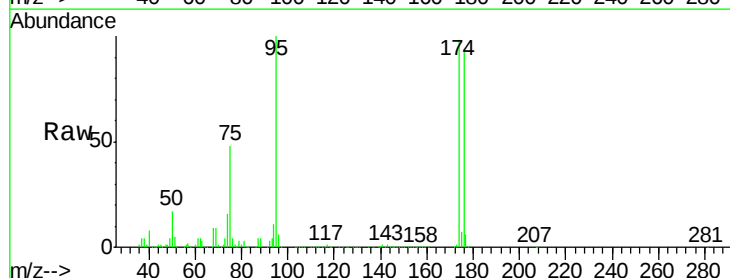
Tgt Ion:173 Resp: 5988

Ion Ratio Lower Upper

173 100

175 984.3 24.4 73.2#

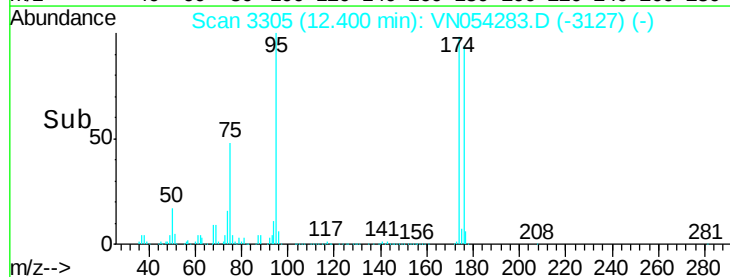
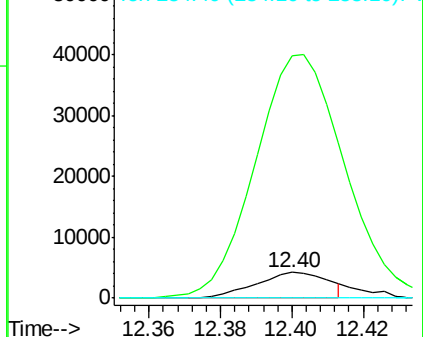
254 0.0 0.1 0.1#

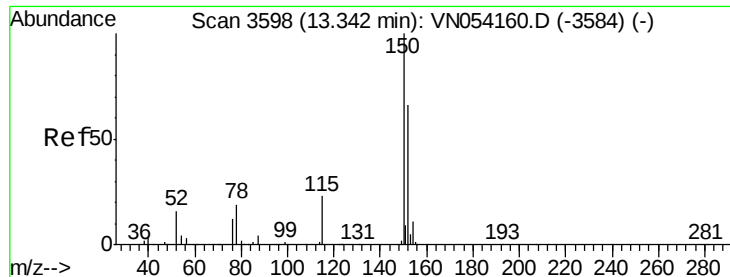


Abundance Ion 172.70 (172.40 to 173.40): V

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# 3599

Delta R.T. 0.00 min

Lab File: VN054283.D

Acq: 15 Mar 2019 1:48

Instrument :

MSVOA_N

ClientSampled :

PB117848TB

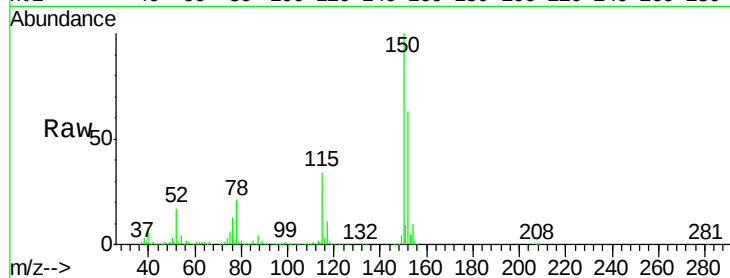
Tot Ion:152 Resp: 896126

Ion Ratio Lower Upper

152 100

115 54.0 27.2 81.6

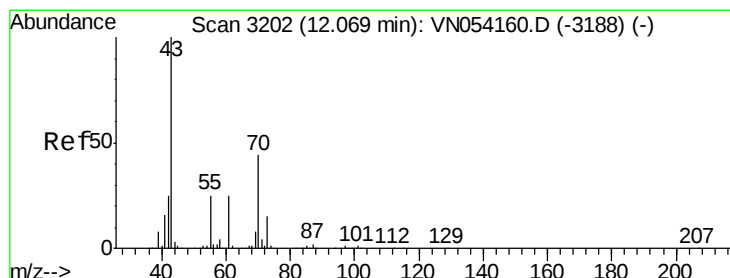
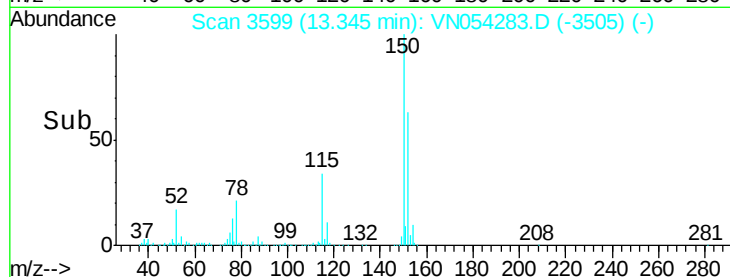
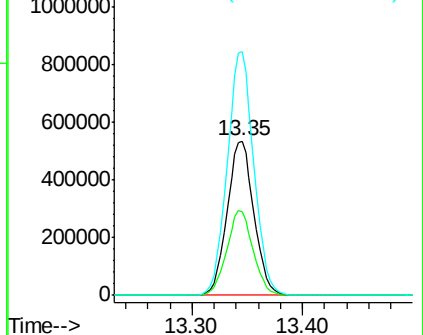
150 156.8 0.0 349.2



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



#74

N-ethyl acetate

Concen: 0.228 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN054283.D

Acq: 15 Mar 2019 1:48

Tgt Ion: 43 Resp: 3630

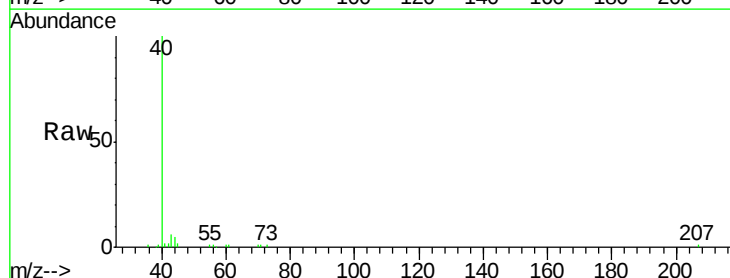
Ion Ratio Lower Upper

43 100

70 18.1 35.4 53.0#

55 16.2 19.8 29.6#

61 16.5 19.8 29.6#

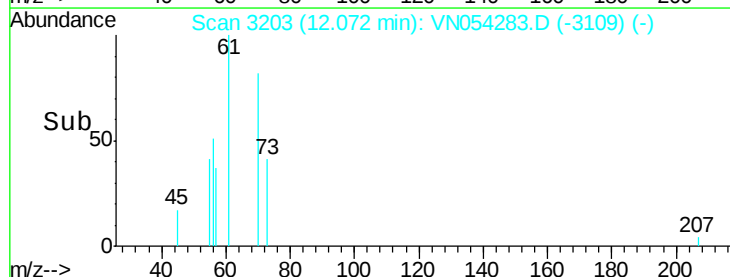
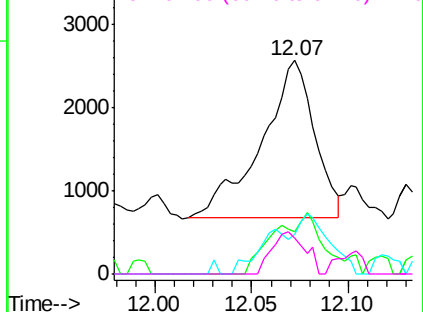


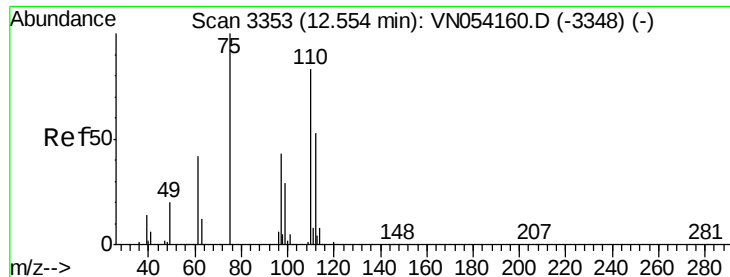
Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 70.00 (69.70 to 70.70): VNC

Ion 55.00 (54.70 to 55.70): VNC

Ion 61.00 (60.70 to 61.70): VNC





#76

1,2,3-Trichloropropane

Concen: 35.494 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN054283.D

Acq: 15 Mar 2019 1:48

Instrument :

MSVOA_N

ClientSampleId :

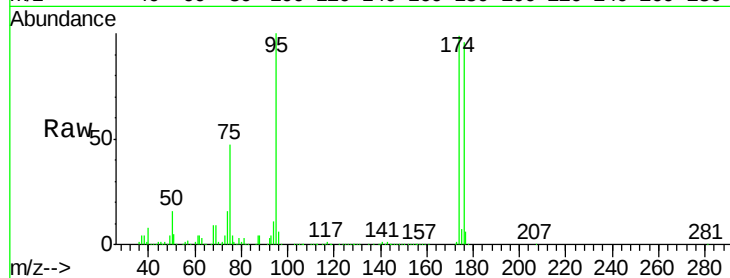
PB117848TB

Tot Ion: 75 Resp: 467742

Ion Ratio Lower Upper

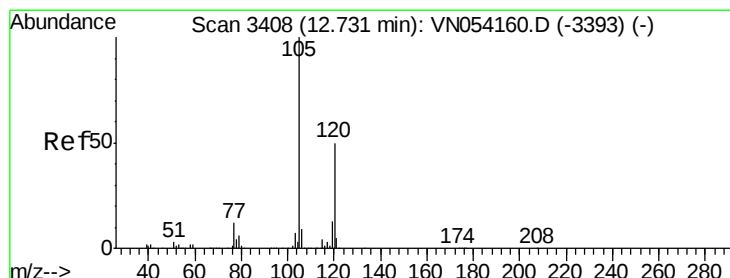
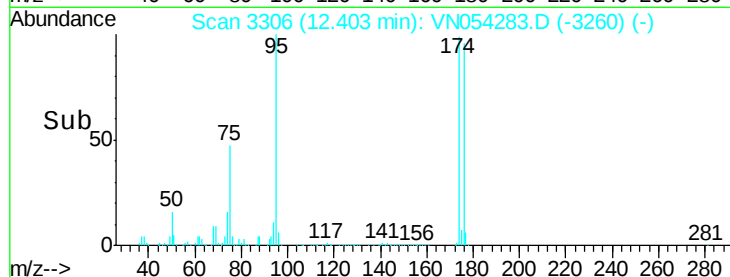
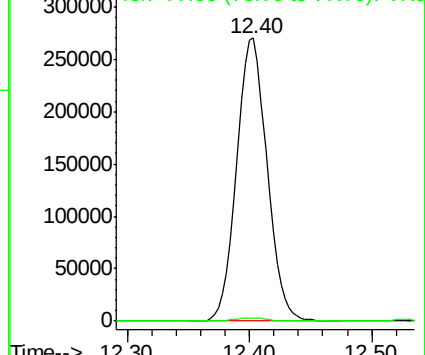
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN054283.D (-3306) (-)

Ion 77.00 (76.70 to 77.70): VN054283.D (-3306) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.667 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054283.D

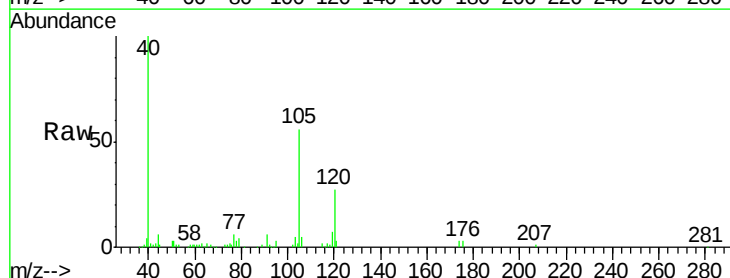
Acq: 15 Mar 2019 1:48

Tgt Ion: 105 Resp: 39759

Ion Ratio Lower Upper

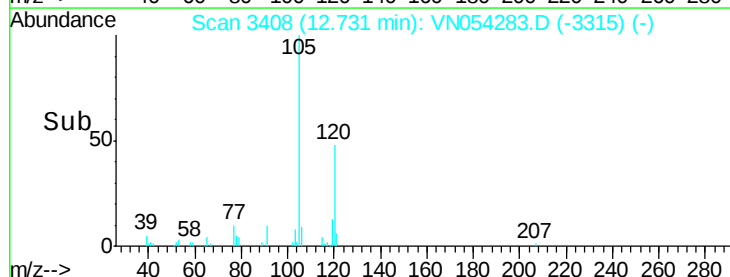
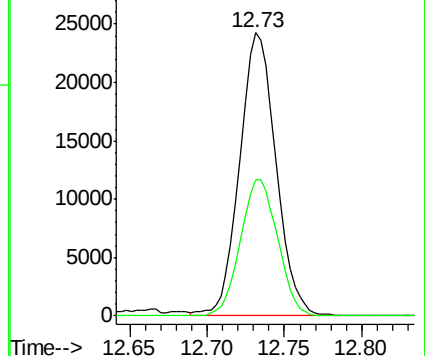
105 100

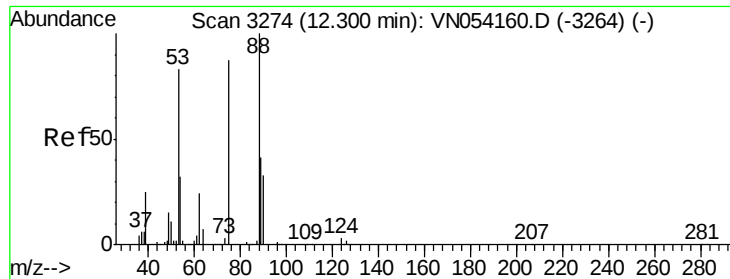
120 49.1 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VN054283.D (-3408) (-)

Ion 120.00 (119.70 to 120.70): VN054283.D (-3408) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 121.335 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN054283.D

Acq: 15 Mar 2019 1:48

Instrument :

MSVOA_N

ClientSampled :

PB117848TB

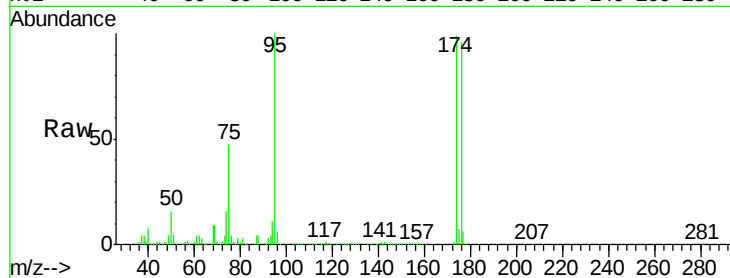
Tot Ion: 75 Resp: 467742

Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

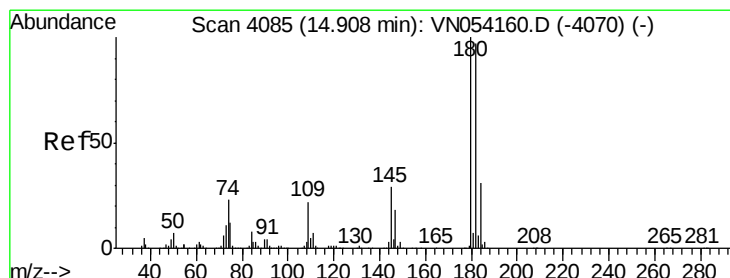
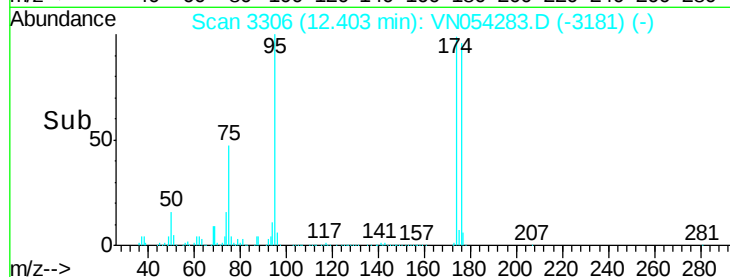
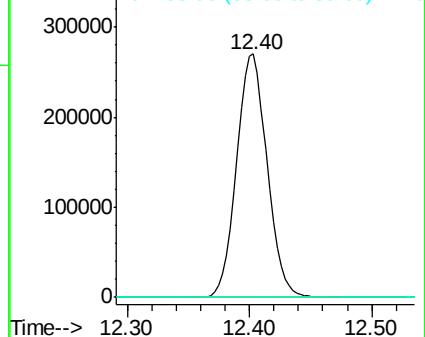
89 0.0 39.2 58.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#93

1,2,4-Trichlorobenzene

Concen: 2.908 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN054283.D

Acq: 15 Mar 2019 1:48

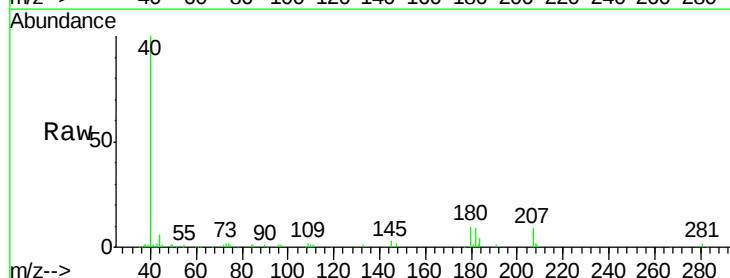
Tgt Ion: 180 Resp: 7776

Ion Ratio Lower Upper

180 100

182 95.9 48.0 144.2

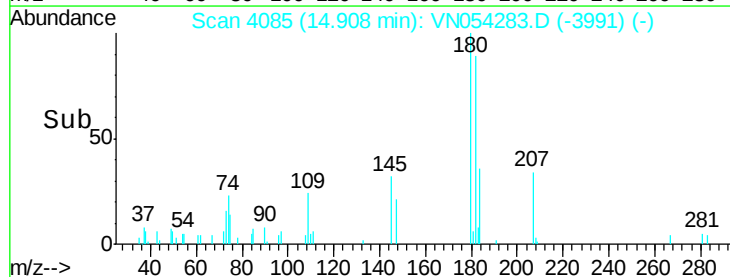
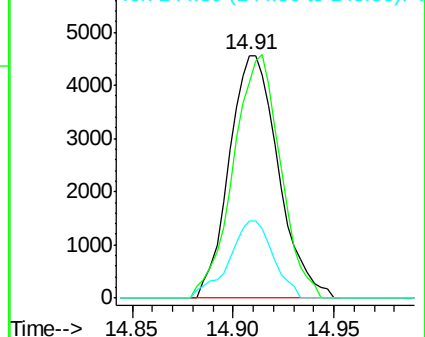
145 28.5 14.2 42.8

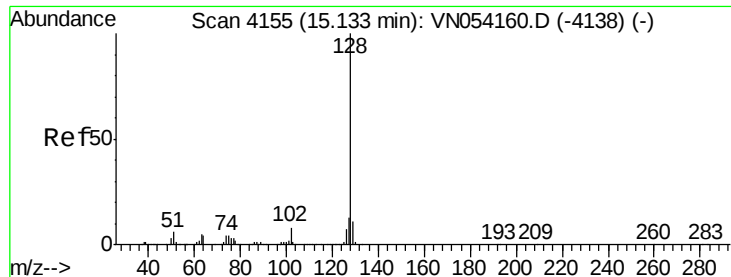


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 4.289 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054283.D

Acq: 15 Mar 2019 1:48

Instrument :

MSVOA_N

ClientSampleId :

PB117848TB

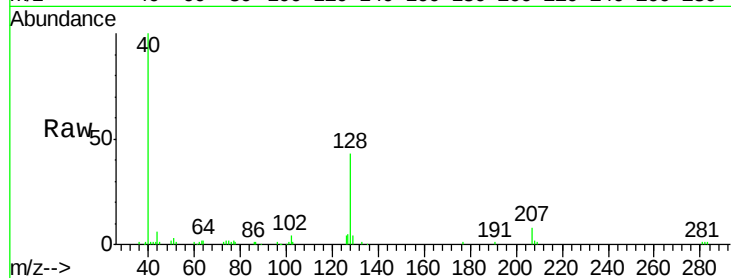
Tot Ion:128 Resp: 34597

Ion Ratio Lower Upper

128 100

127 14.3 10.1 15.1

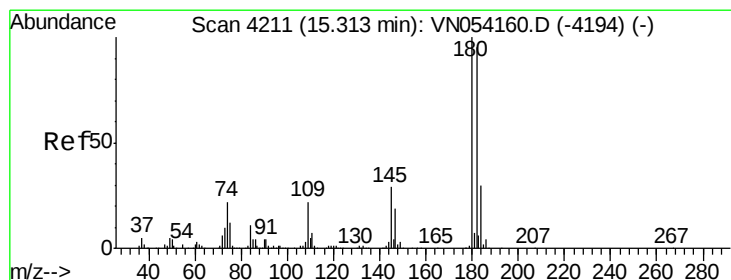
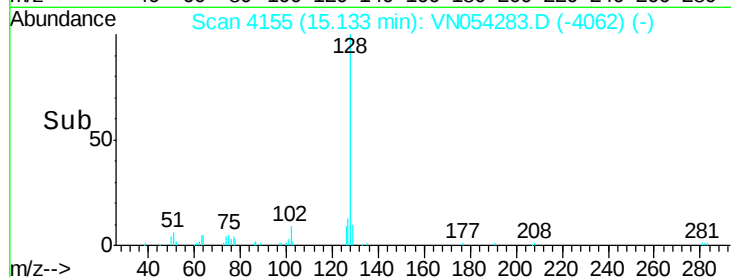
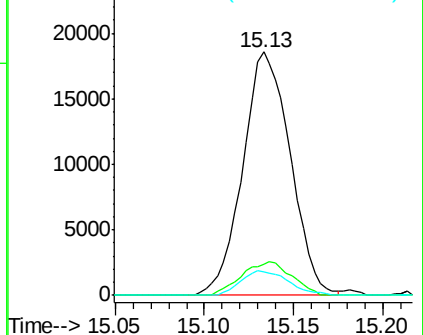
129 10.1 8.7 13.1



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



#96

1,2,3-Trichlorobenzene

Concen: 0.516 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN054283.D

Acq: 15 Mar 2019 1:48

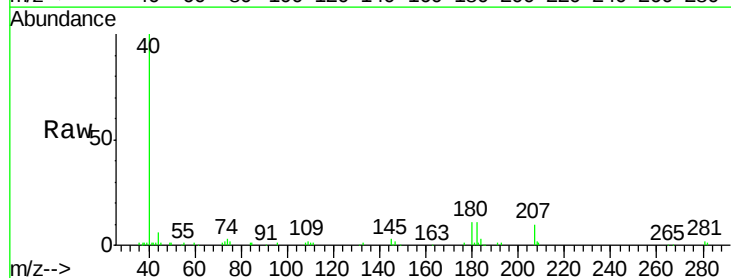
Tgt Ion:180 Resp: 8565

Ion Ratio Lower Upper

180 100

182 102.8 47.5 142.6

145 30.1 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

