

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031519\
 Data File : VN054325.D
 Acq On : 15 Mar 2019 22:23
 Operator : JC/SP
 Sample : K1930-17
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-6

Quant Time: Mar 16 03:26:05 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	1268864	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2187211	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2334336	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	987830	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	698320	51.82	ug/l	0.00
Spiked Amount			Recovery	=	103.64%	
35) Dibromofluoromethane	7.59	113	668617	47.40	ug/l	0.00
Spiked Amount			Recovery	=	94.80%	
50) Toluene-d8	10.09	98	2720191	52.21	ug/l	0.00
Spiked Amount			Recovery	=	104.42%	
62) 4-Bromofluorobenzene	12.40	95	1051274	57.67	ug/l	0.00
Spiked Amount			Recovery	=	115.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.41	74	8614	1.065	ug/l	73
10) Methyl Iodide	3.94	142	237	1.509	ug/l #	45
11) Tert butyl alcohol	4.82	59	312	0.338	ug/l #	70
13) Acrolein	3.61	56	215	0.246	ug/l #	78
14) Allyl chloride	4.54	41	137882	8.152	ug/l #	22
16) Acetone	3.82	43	30393	7.877	ug/l	97
18) Methyl Acetate	4.34	43	4099	0.525	ug/l	95
20) Methylene Chloride	4.54	84	4919002	388.273	ug/l	97
25) 2-Butanone	6.86	43	2028	0.448	ug/l #	86
29) Tetrahydrofuran	7.22	42	2196	0.754	ug/l #	49
30) Chloroform	7.37	83	17508	0.774	ug/l	91
31) Cyclohexane	7.67	56	19529	Below Cal	#	14
36) 1,1-Dichloropropene	7.66	75	73310	3.640	ug/l #	48
38) Carbon Tetrachloride	7.67	117	105405	4.990	ug/l #	16
43) Isopropyl Acetate	8.18	43	30606	1.507	ug/l	99
45) 1,2-Dichloropropane	9.27	63	3828	0.267	ug/l #	43
47) Bromodichloromethane	9.40	83	4549	0.235	ug/l	92
48) Methyl methacrylate	9.18	41	15976	1.550	ug/l #	11
49) 1,4-Dioxane	9.27	88	231	1.584	ug/l #	1
51) 4-Methyl-2-Pentanone	10.02	43	17087	1.589	ug/l #	36
53) t-1,3-Dichloropropene	10.38	75	112	1.991	ug/l #	36
54) cis-1,3-Dichloropropene	9.91	75	142956	6.328	ug/l #	62
57) 1,3-Dichloropropane	10.77	76	27589	1.264	ug/l #	44
59) 2-Hexanone	10.77	43	355708	49.725	ug/l #	50
68) m/p-Xylenes	11.62	106	7711	0.232	ug/l	97
71) Bromoform	12.40	173	5667	2.731	ug/l #	1
74) N-amyl acetate	11.88	43	34462	1.964	ug/l #	54
76) 1,2,3-Trichloropropane	12.40	75	497585	34.254	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	22980	0.350	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.40	75	497585	117.094	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	34043	0.528	ug/l	98
93) 1,2,4-Trichlorobenzene	14.91	180	925	2.559	ug/l	83
95) Naphthalene	15.13	128	93771	5.484	ug/l	100

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QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration

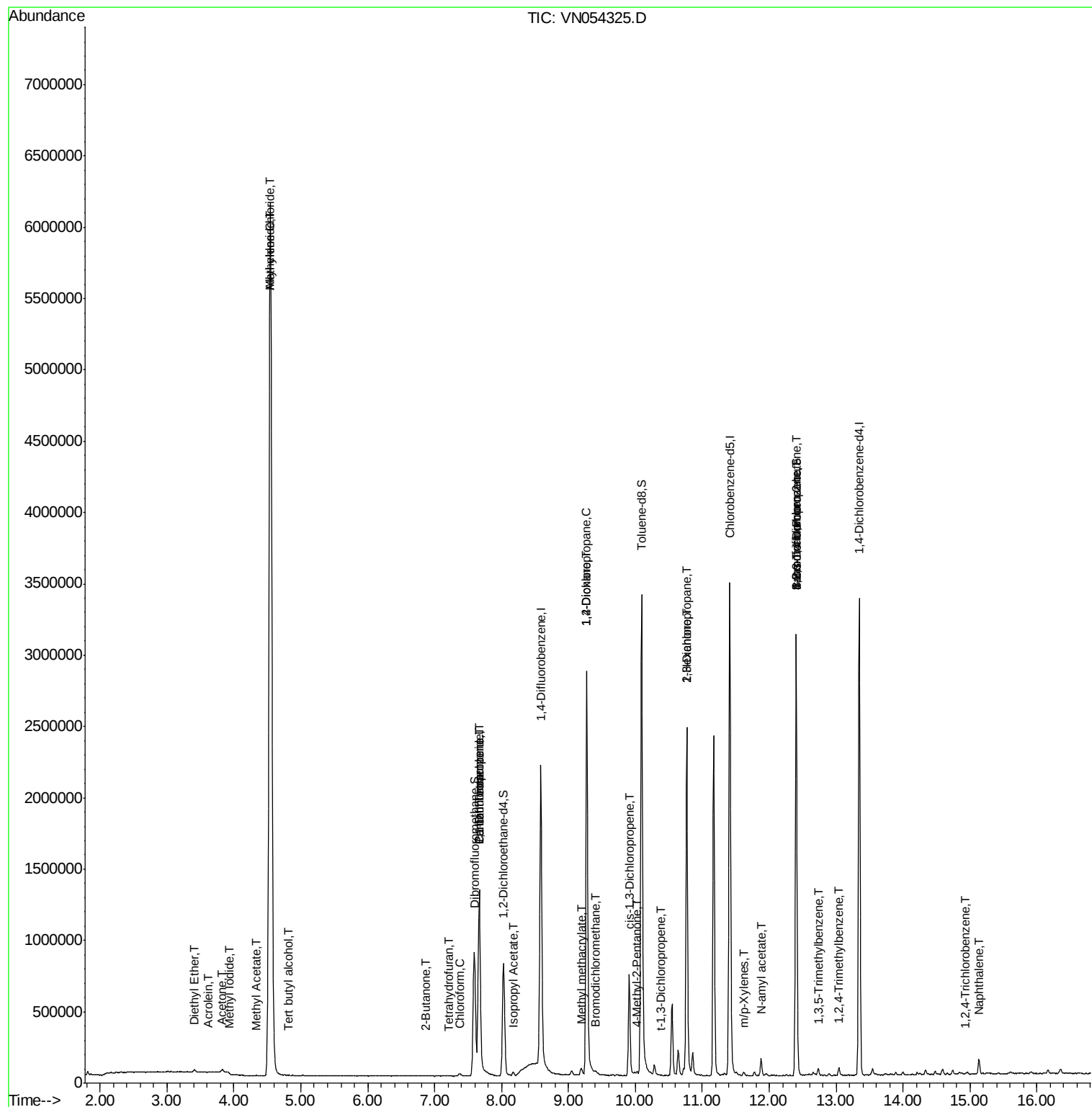
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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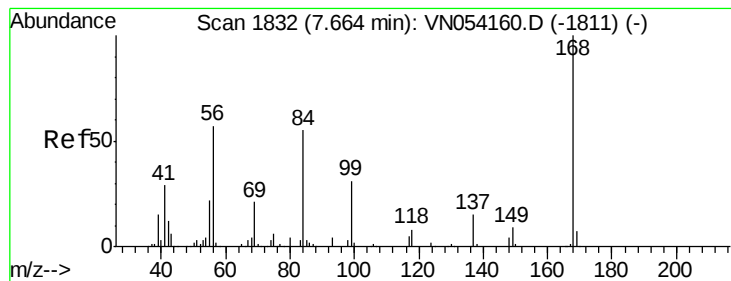
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054325.D

Acq: 15 Mar 2019 22:23

Instrument :

MSVOA_N

ClientSampleId :

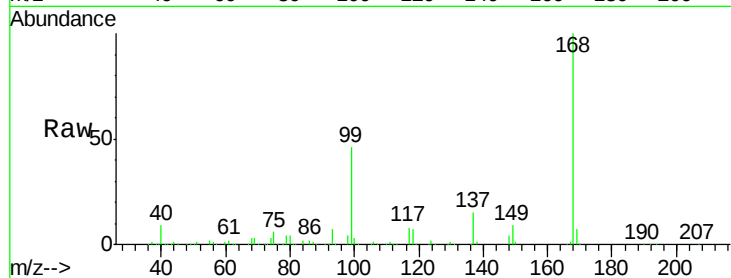
TP-6

Tot Ion:168 Resp: 1268864

Ion Ratio Lower Upper

168 100

99 46.4 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

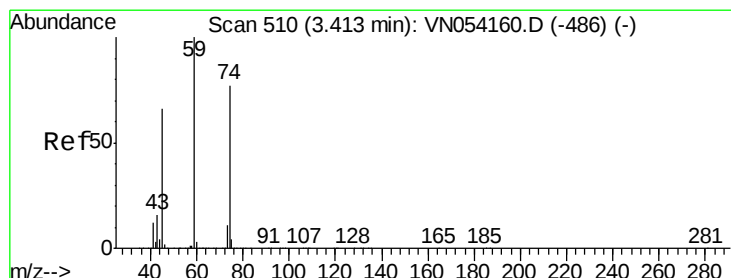
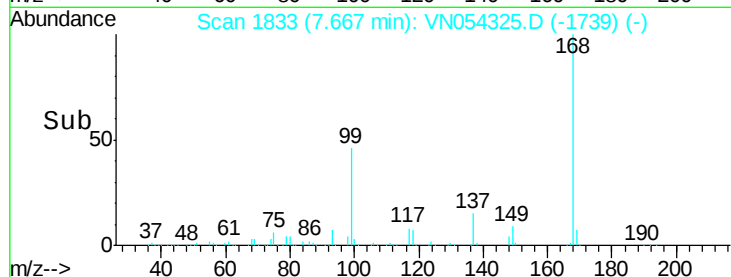
300000

200000

100000

0

Time-->



#8

Diethyl Ether

Concen: 1.065 ug/l

RT: 3.41 min Scan# 510

Delta R.T. 0.00 min

Lab File: VN054325.D

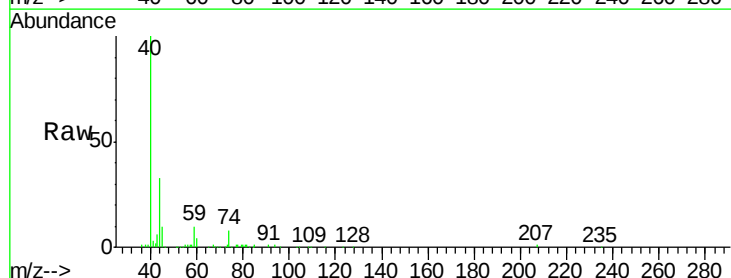
Acq: 15 Mar 2019 22:23

Tgt Ion: 74 Resp: 8614

Ion Ratio Lower Upper

74 100

45 61.6 43.1 129.4



Abundance Ion 74.00 (73.70 to 74.70): VN

Ion 45.00 (44.70 to 45.70): VN

3.41

5000

4000

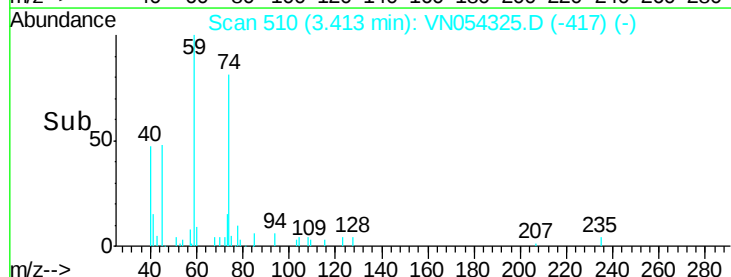
3000

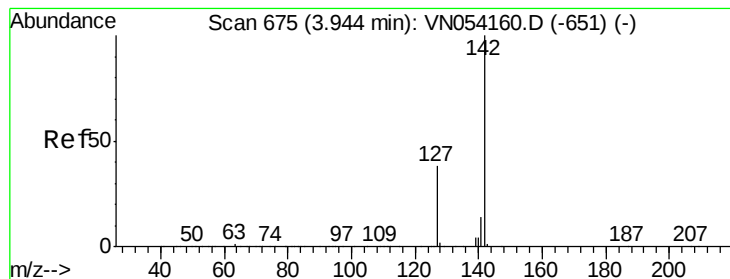
2000

1000

0

Time-->





#10

Methvl Iodide

Concen: 1.509 ug/l

RT: 3.94 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN054325.D

Acq: 15 Mar 2019 22:23

Instrument :

MSVOA_N

ClientSampled :

TP-6

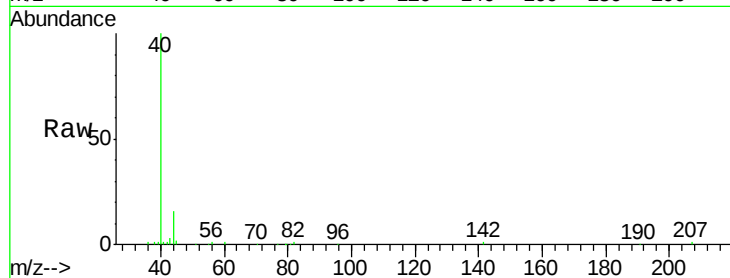
Tot Ion:142 Resp: 237

Ion Ratio Lower Upper

142 100

127 0.0 30.3 45.5#

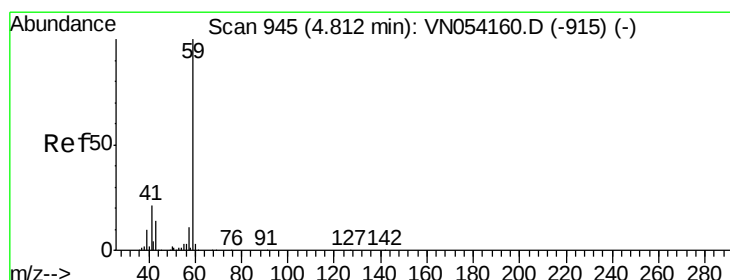
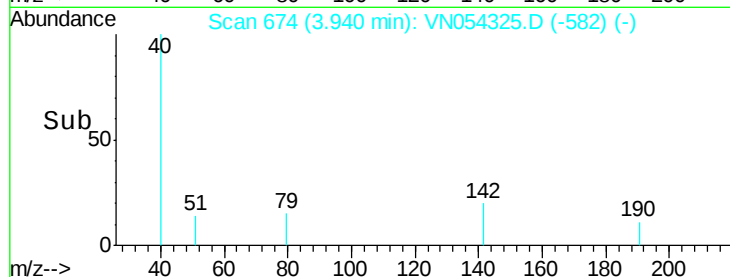
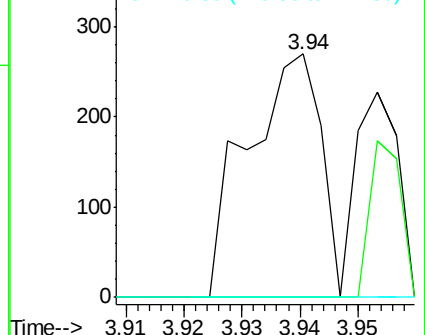
141 0.0 11.2 16.8#



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



#11

Tert butyl alcohol

Concen: 0.338 ug/l

RT: 4.82 min Scan# 947

Delta R.T. 0.01 min

Lab File: VN054325.D

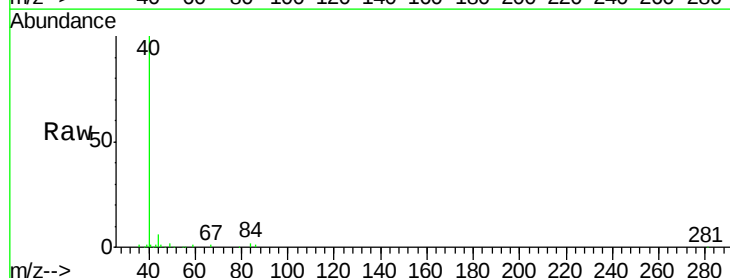
Acq: 15 Mar 2019 22:23

Tgt Ion: 59 Resp: 312

Ion Ratio Lower Upper

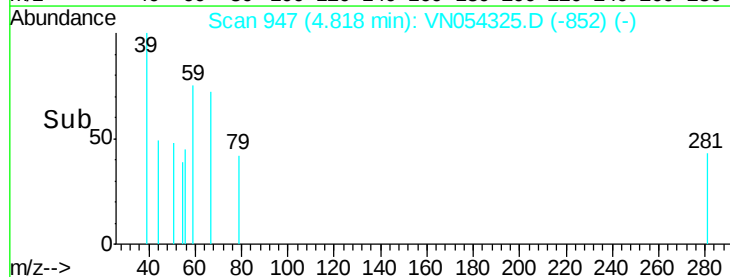
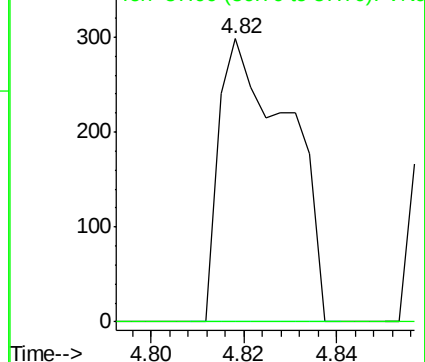
59 100

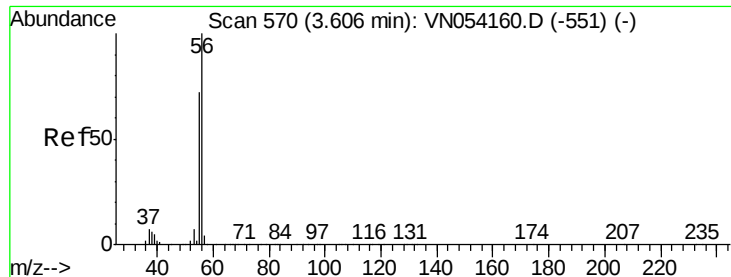
57 0.0 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0





#13

Acrolein

Concen: 0.246 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN054325.D

Acq: 15 Mar 2019 22:23

Instrument :

MSVOA_N

ClientSampled :

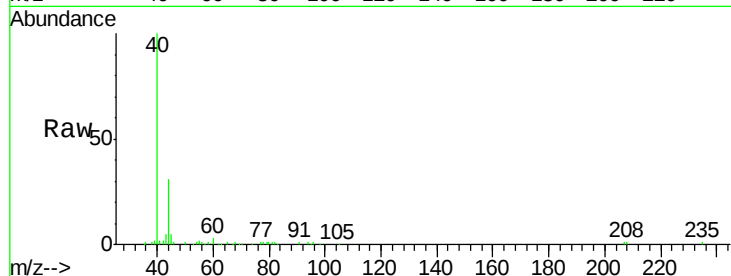
TP-6

Tot Ion: 56 Resp: 215

Ion Ratio Lower Upper

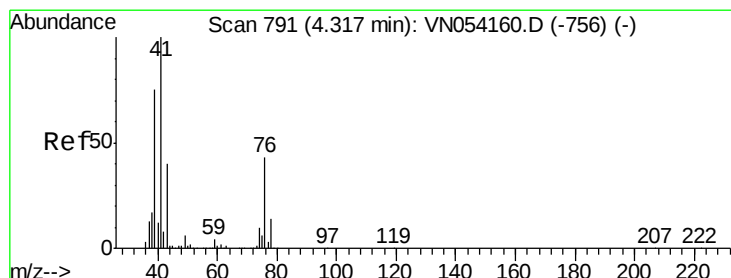
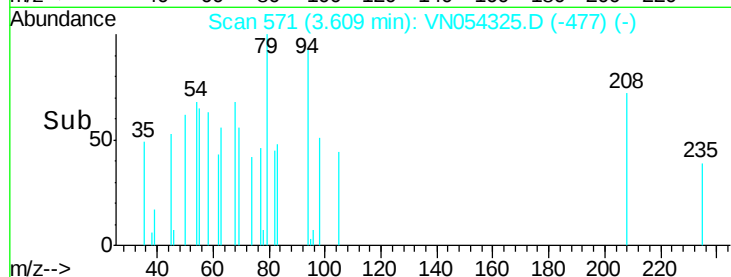
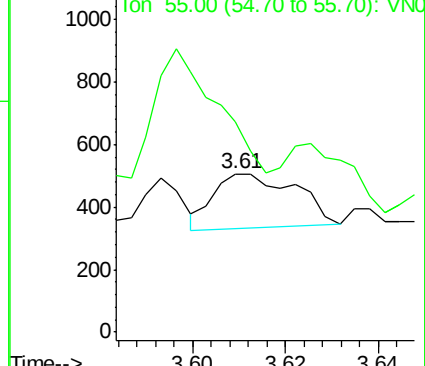
56 100

55 88.8 56.7 85.1#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 8.152 ug/l

RT: 4.54 min Scan# 862

Delta R.T. 0.23 min

Lab File: VN054325.D

Acq: 15 Mar 2019 22:23

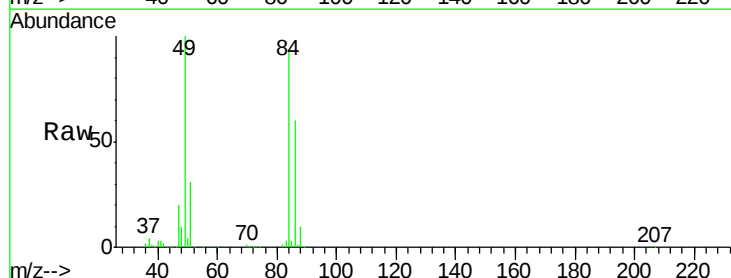
Tgt Ion: 41 Resp: 137882

Ion Ratio Lower Upper

41 100

39 1.1 58.2 87.4#

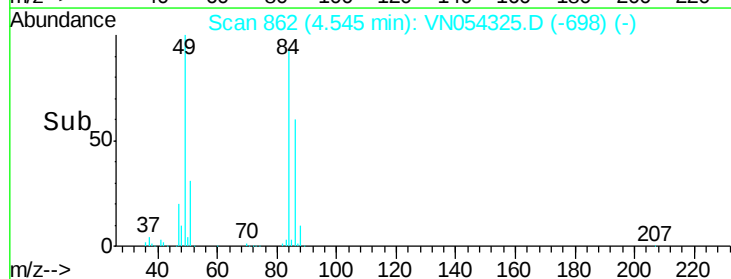
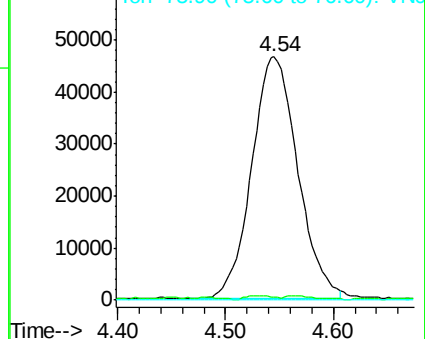
76 0.0 31.7 47.5#

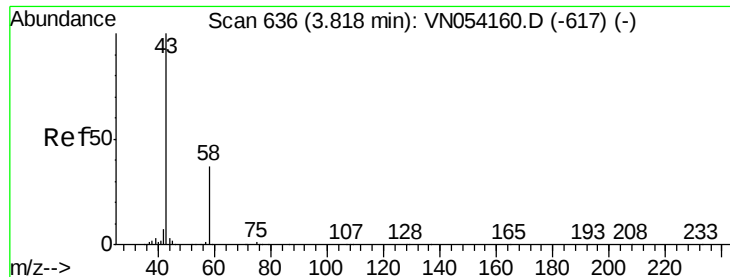


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#16

Acetone

Concen: 7.877 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN054325.D

Acq: 15 Mar 2019 22:23

Instrument :

MSVOA_N

ClientSampled :

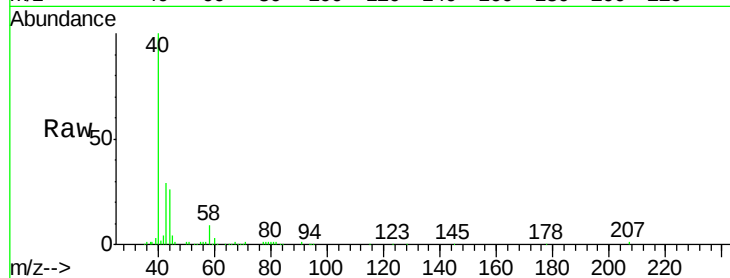
TP-6

Tot Ion: 43 Resp: 30393

Ion Ratio Lower Upper

43 100

58 35.5 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

15000

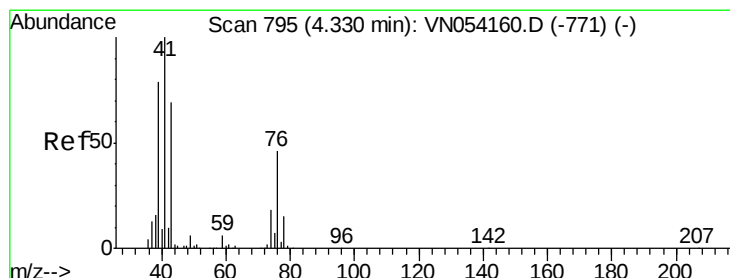
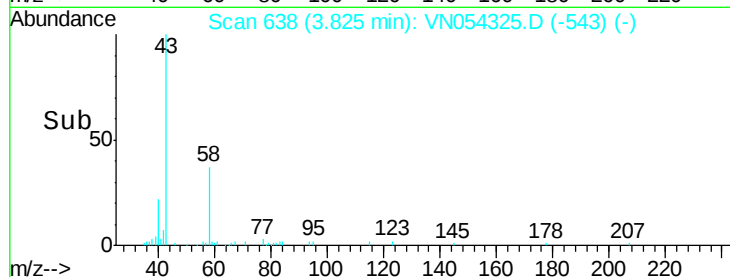
10000

5000

0

3.75 3.80 3.85 3.90

Time-->



#18

Methyl Acetate

Concen: 0.525 ug/l

RT: 4.34 min Scan# 798

Delta R.T. 0.01 min

Lab File: VN054325.D

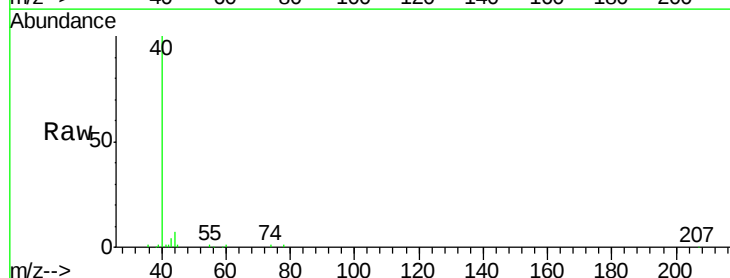
Acq: 15 Mar 2019 22:23

Tgt Ion: 43 Resp: 4099

Ion Ratio Lower Upper

43 100

74 23.3 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

2500

2000

1500

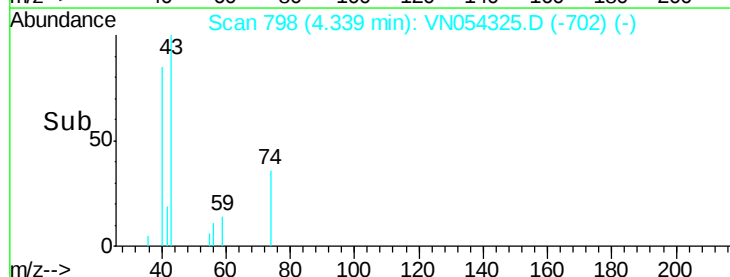
1000

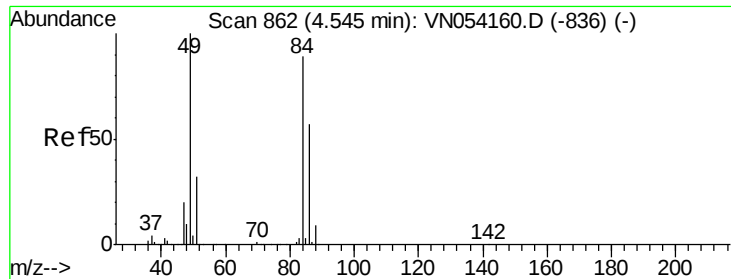
500

0

4.30 4.35 4.40

Time-->



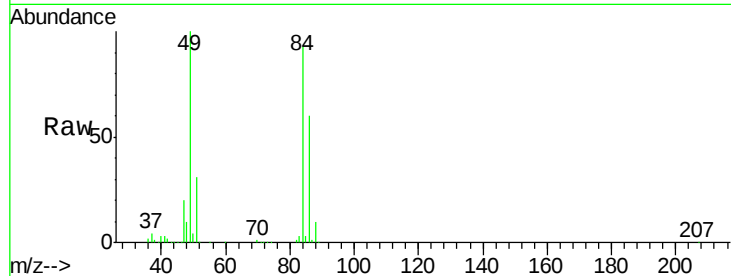


#20
Methvlene Chloride
Concen: 388.273 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN054325.D
Acq: 15 Mar 2019 22:23

Instrument :
MSVOA_N
ClientSampled :
TP-6

Tot Ion: 84 Resp: 4919002

Ion	Ratio	Lower	Upper
84	100		
49	107.9	89.7	134.5
51	33.7	28.2	42.4
86	64.4	50.8	76.2

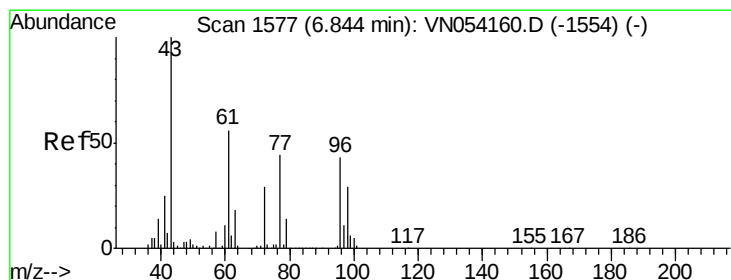
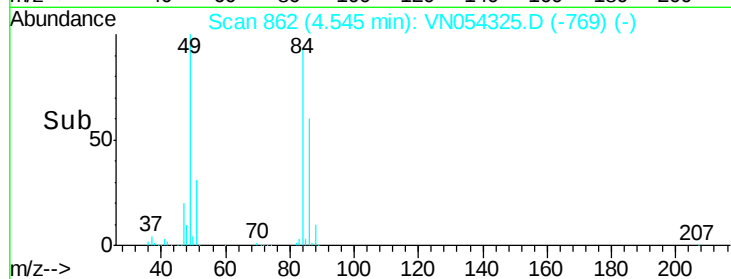
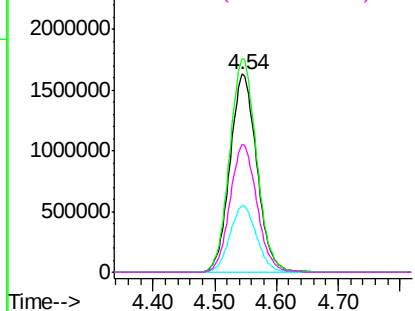


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

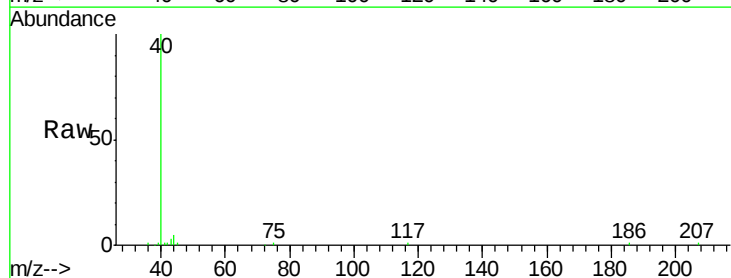
Ion 85.90 (85.60 to 86.60): VN0



#25
2-Butanone
Concen: 0.448 ug/l
RT: 6.86 min Scan# 1582
Delta R.T. 0.02 min
Lab File: VN054325.D
Acq: 15 Mar 2019 22:23

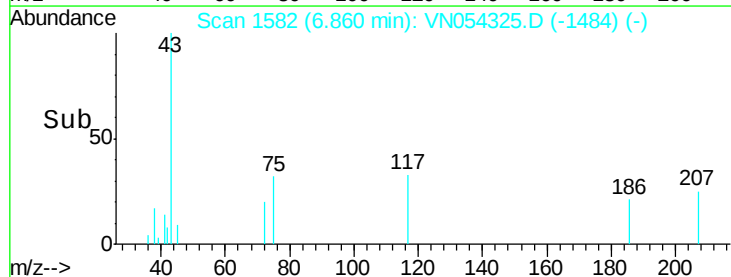
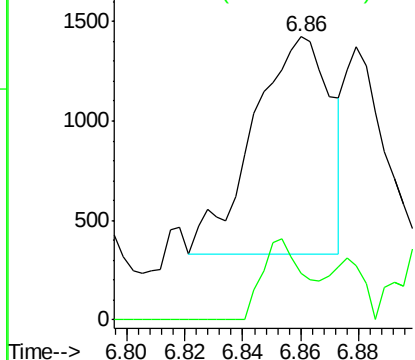
Tgt Ion: 43 Resp: 2028

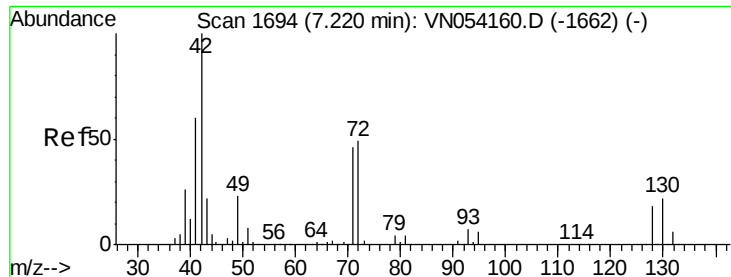
Ion	Ratio	Lower	Upper
43	100		
72	21.2	23.0	34.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0





#29

Tetrahydrofuran

Concen: 0.754 ug/l

RT: 7.22 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VN054325.D

Acq: 15 Mar 2019 22:23

Instrument :

MSVOA_N

ClientSampled :

TP-6

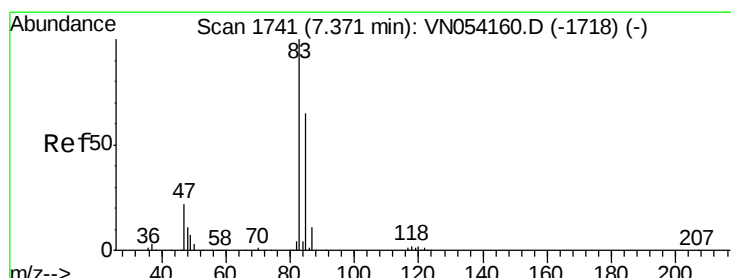
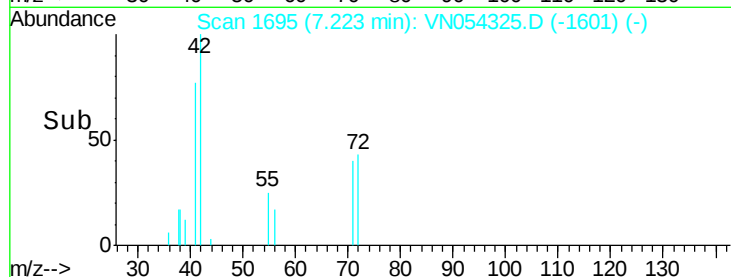
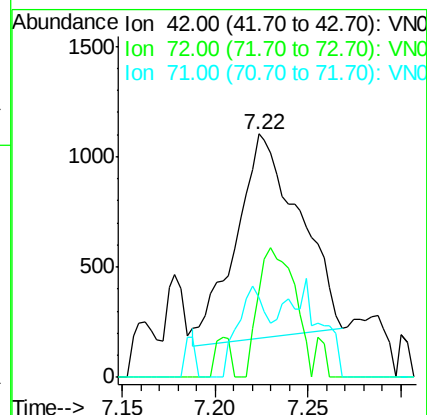
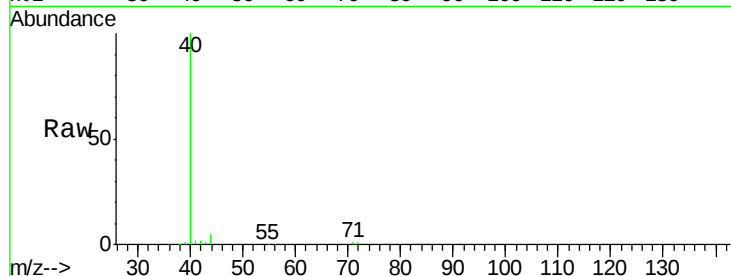
Tot Ion: 42 Resp: 2196

Ion Ratio Lower Upper

42 100

72 4.6 37.8 56.6#

71 20.3 36.2 54.2#



#30

Chloroform

Concen: 0.774 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN054325.D

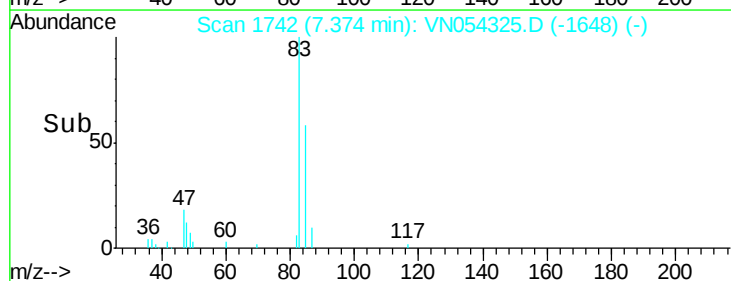
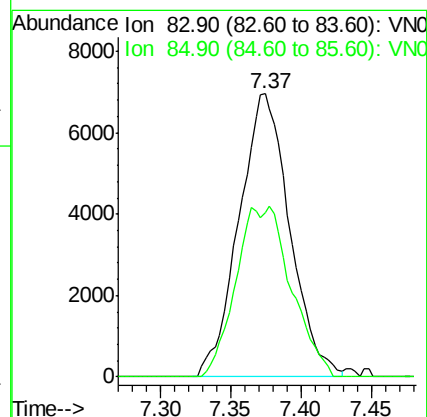
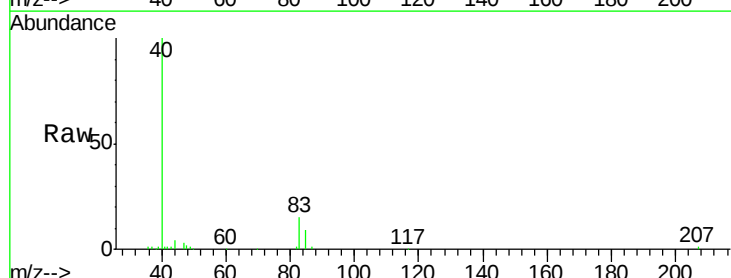
Acq: 15 Mar 2019 22:23

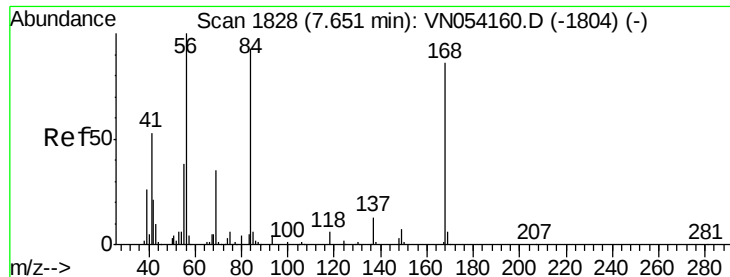
Tgt Ion: 83 Resp: 17508

Ion Ratio Lower Upper

83 100

85 58.1 52.2 78.4





#31

Cyclohexane

Concen: Below Cal

RT: 7.67 min Scan# 1834

Delta R.T. 0.02 min

Lab File: VN054325.D

Acq: 15 Mar 2019 22:23

Instrument :

MSVOA_N

ClientSampled :

TP-6

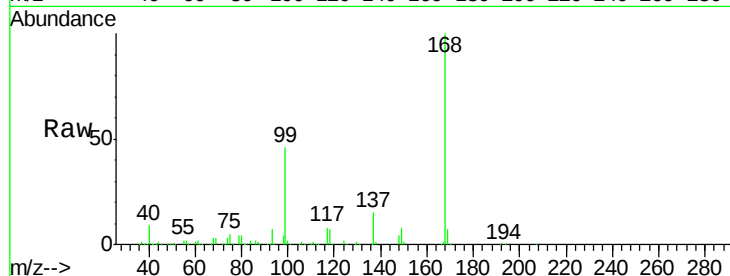
Tot Ion: 56 Resp: 19529

Ion Ratio Lower Upper

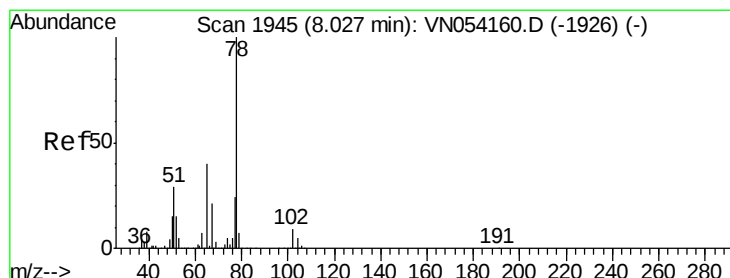
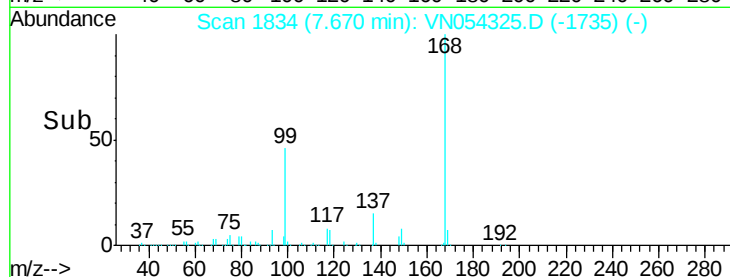
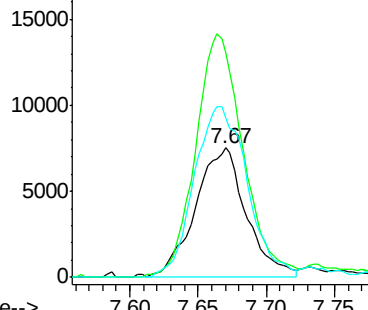
56 100

69 171.7 27.8 41.6#

84 122.4 74.6 111.8#



Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC



#33

1,2-Dichloroethane-d4

Concen: 51.822 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054325.D

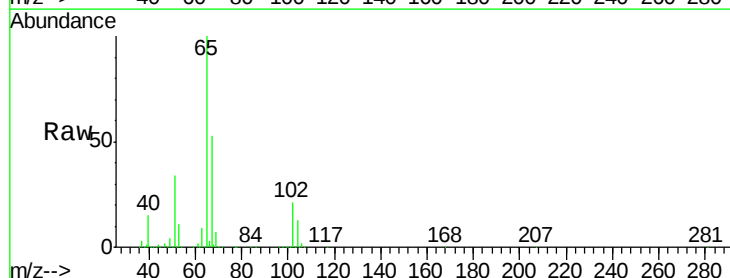
Acq: 15 Mar 2019 22:23

Tgt Ion: 65 Resp: 698320

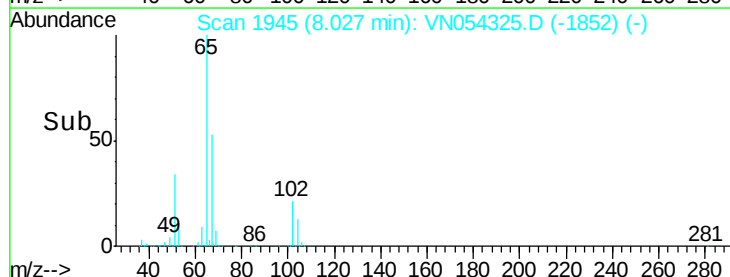
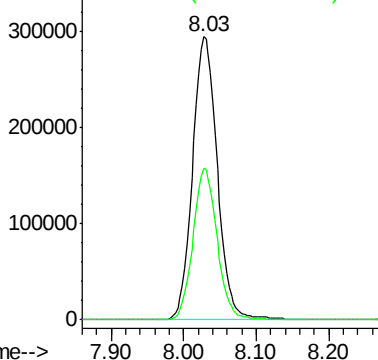
Ion Ratio Lower Upper

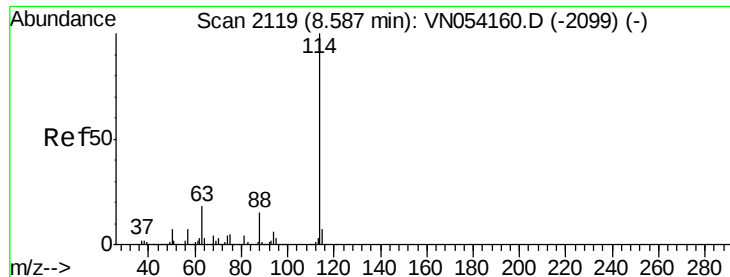
65 100

67 52.2 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VNC
Ion 66.90 (66.60 to 67.60): VNC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054325.D

Acq: 15 Mar 2019 22:23

Instrument :

MSVOA_N

ClientSampleId :

TP-6

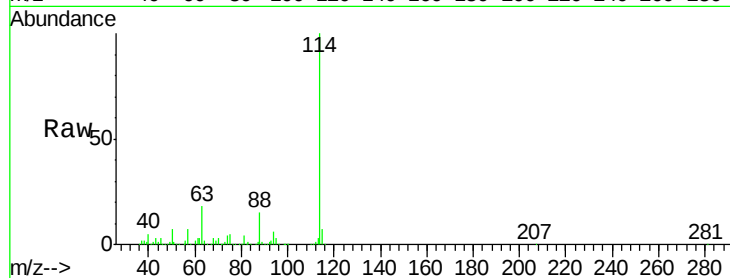
Tot Ion:114 Resp: 2187211

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.2

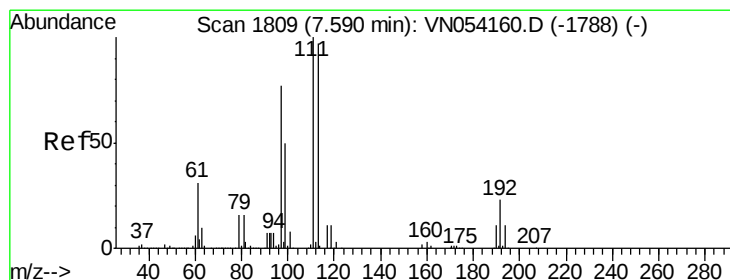
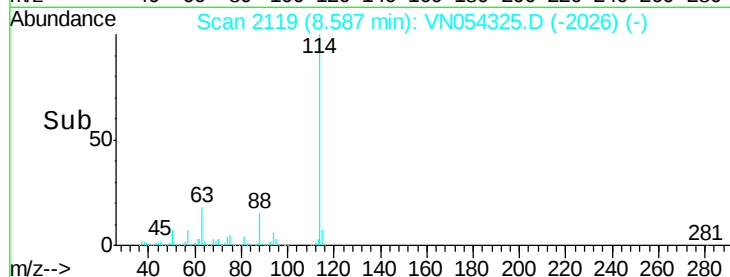
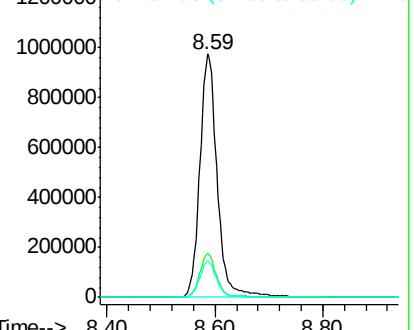
88 14.7 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 47.397 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054325.D

Acq: 15 Mar 2019 22:23

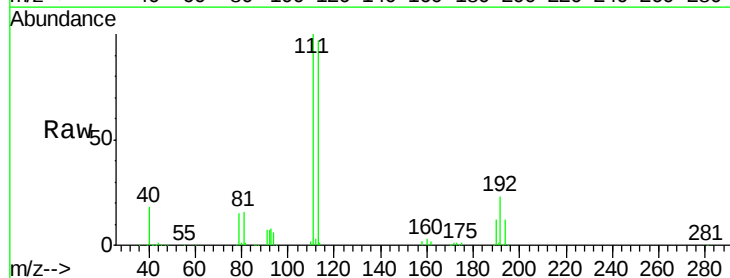
Tgt Ion:113 Resp: 668617

Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.4

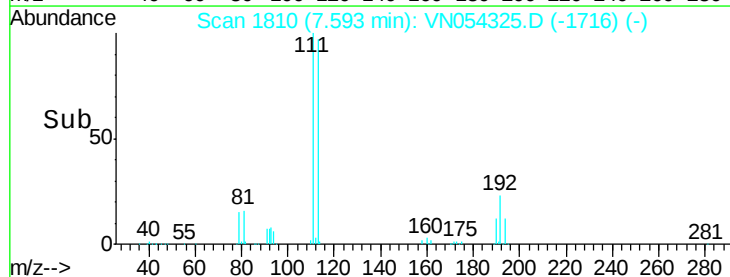
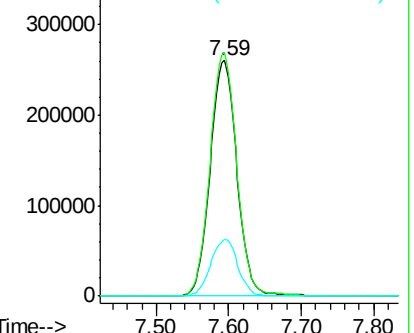
192 24.4 19.2 28.8

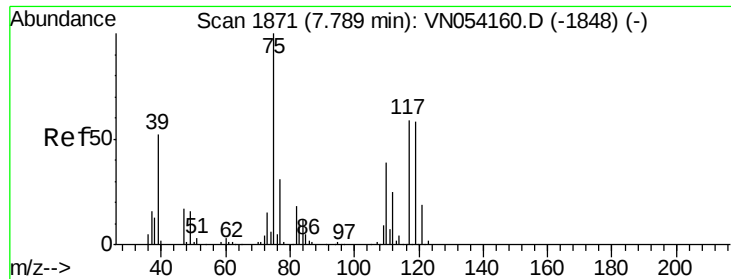


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

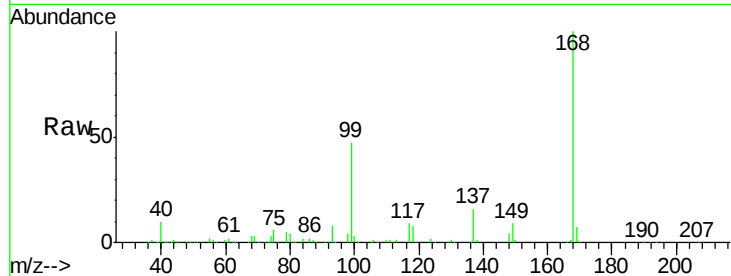




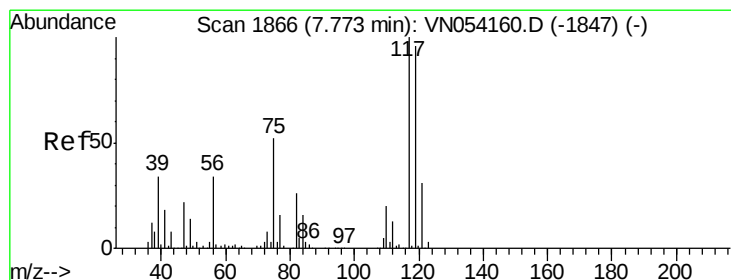
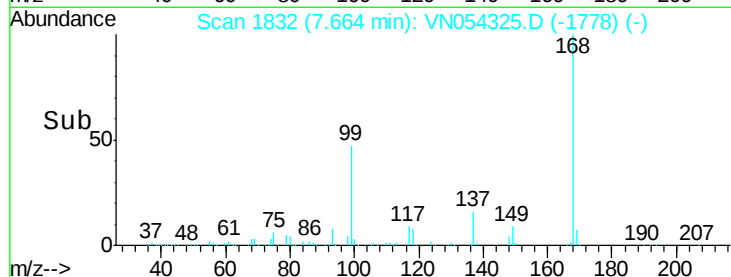
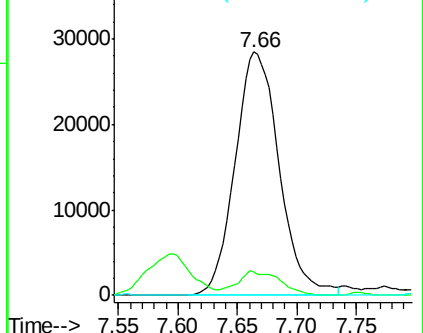
#36
 1,1-Dichloropropene
 Concen: 3.640 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN054325.D
 Acq: 15 Mar 2019 22:23

Instrument :
 MSVOA_N
 ClientSampled :
 TP-6

Tot Ion	75	Resp	73310
Ion Ratio	100	Lower	Upper
75	100		
110	9.5	19.1	57.5#
77	0.0	25.0	37.4#

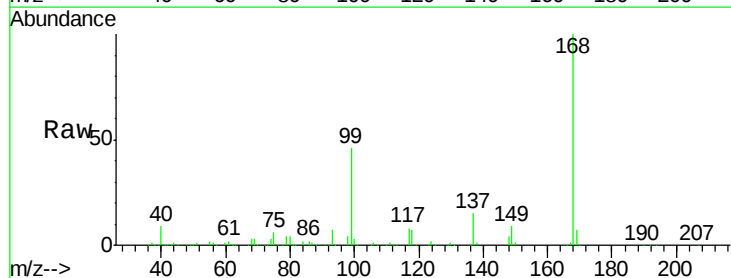


Abundance Ion 74.90 (74.60 to 75.60): VN054325.D (-1778) (-)

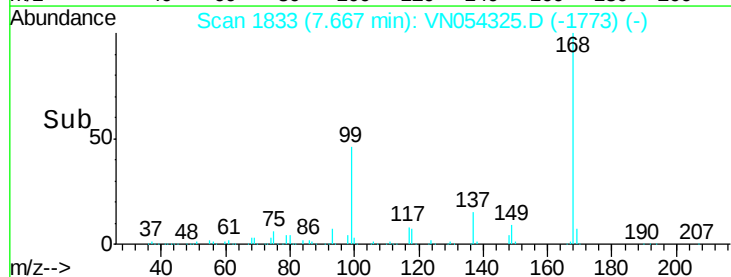
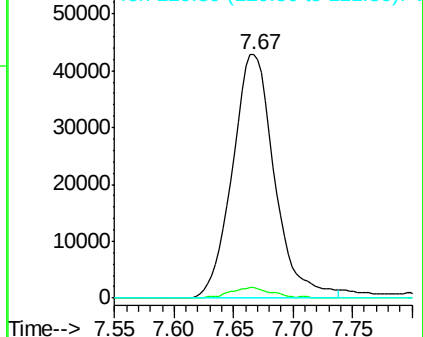


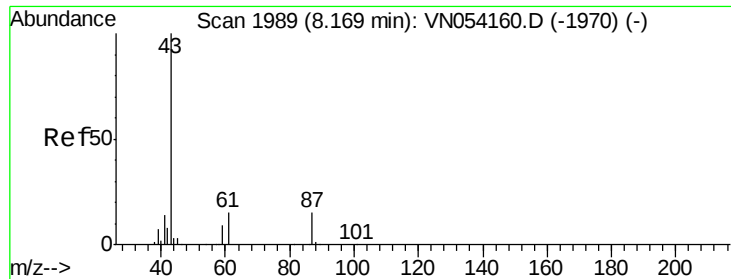
#38
 Carbon Tetrachloride
 Concen: 4.990 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN054325.D
 Acq: 15 Mar 2019 22:23

Tgt Ion	117	Resp	105405
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	4.5	76.3	114.5#
121	0.0	24.6	36.8#



Abundance Ion 116.80 (116.50 to 117.50): VN054325.D (-1773) (-)





#43

Isopropyl Acetate

Concen: 1.507 ug/l

RT: 8.18 min Scan# 1991

Delta R.T. 0.01 min

Lab File: VN054325.D

Acq: 15 Mar 2019 22:23

Instrument :
MSVOA_N
ClientSampleId :
TP-6

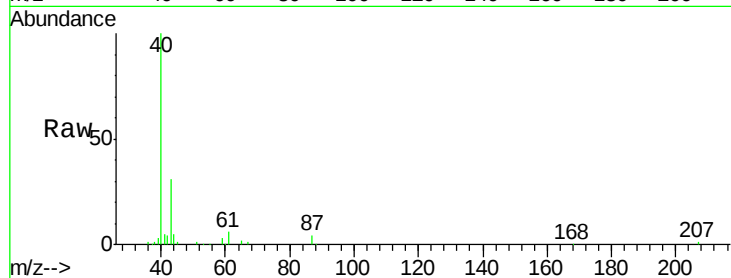
Tot Ion: 43 Resp: 30606

Ion Ratio Lower Upper

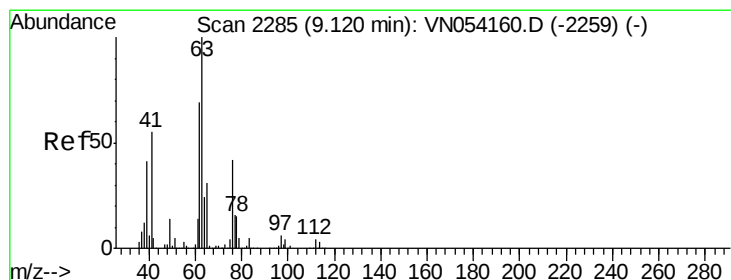
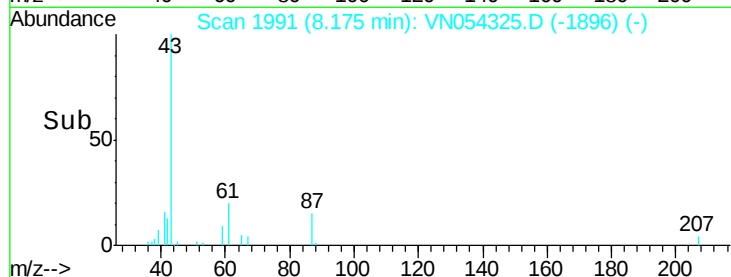
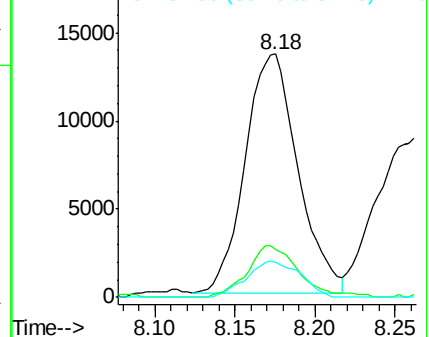
43 100

61 20.3 15.8 23.8

87 15.5 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0



#45

1,2-Dichloropropane

Concen: 0.267 ug/l

RT: 9.27 min Scan# 2333

Delta R.T. 0.15 min

Lab File: VN054325.D

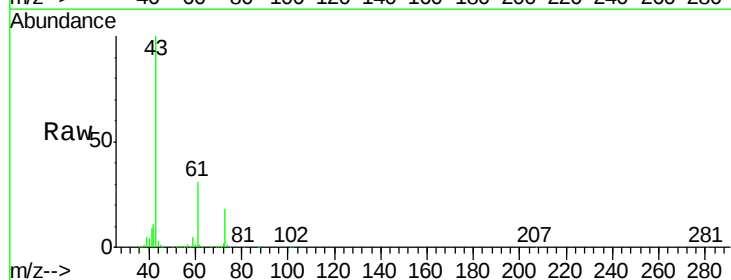
Acq: 15 Mar 2019 22:23

Tgt Ion: 63 Resp: 3828

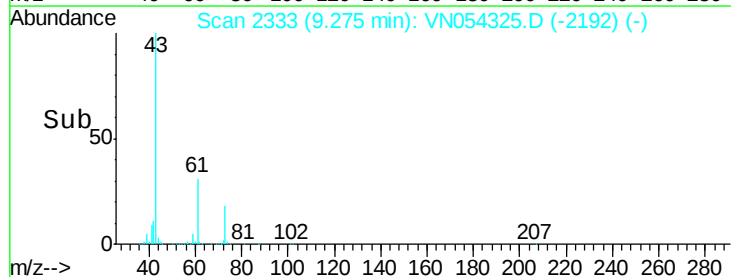
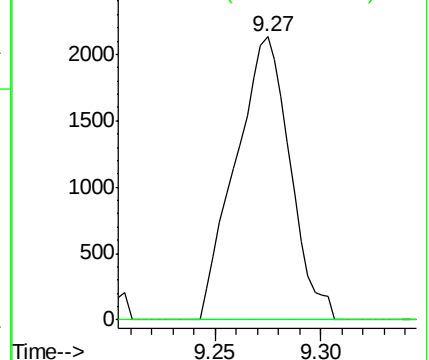
Ion Ratio Lower Upper

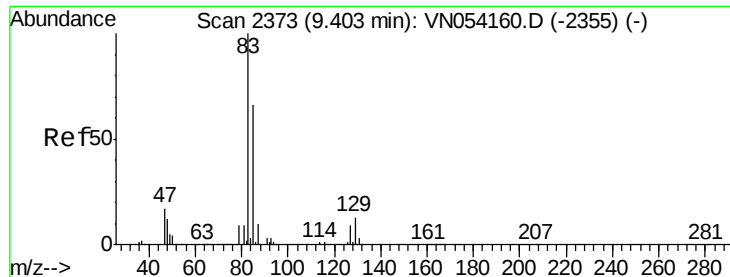
63 100

65 0.0 25.0 37.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0
Ion 64.90 (64.60 to 65.60): VN0





#47

Bromodichloromethane

Concen: 0.235 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN054325.D

Acq: 15 Mar 2019 22:23

Instrument :

MSVOA_N

ClientSampled :

TP-6

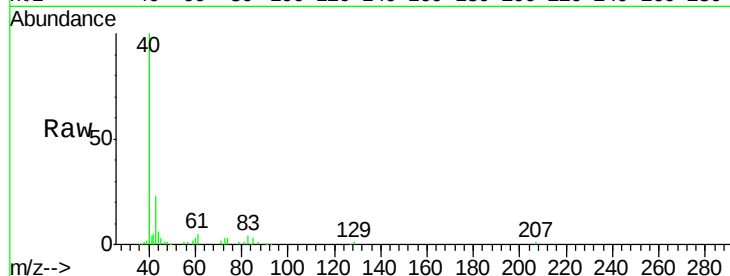
Tot Ion: 83 Resp: 4549

Ion Ratio Lower Upper

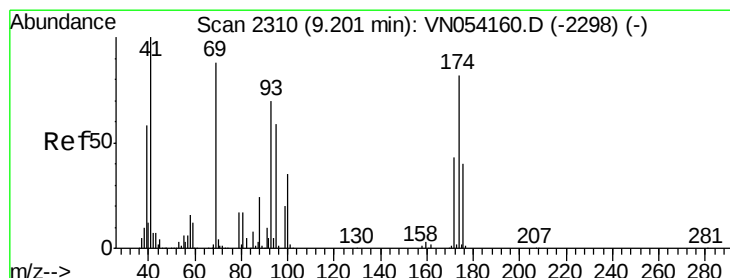
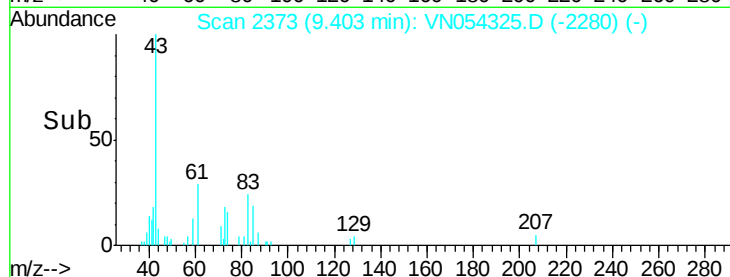
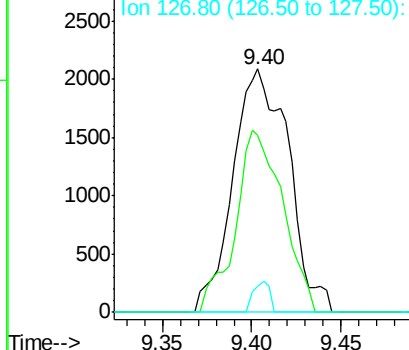
83 100

85 72.7 52.8 79.2

127 10.7 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 1.550 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. -0.02 min

Lab File: VN054325.D

Acq: 15 Mar 2019 22:23

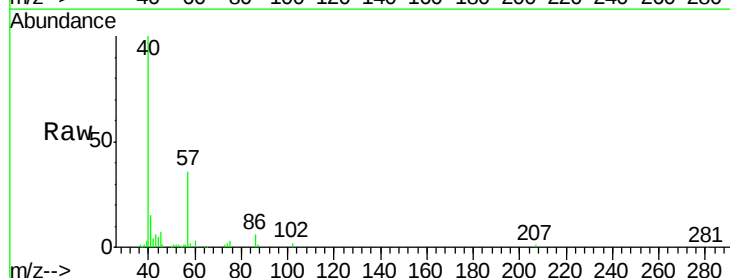
Tgt Ion: 41 Resp: 15976

Ion Ratio Lower Upper

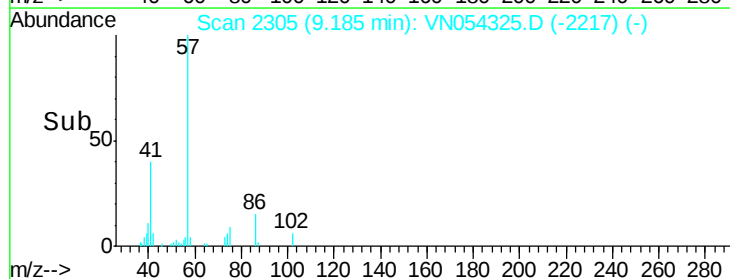
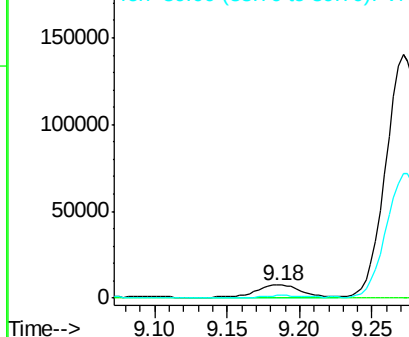
41 100

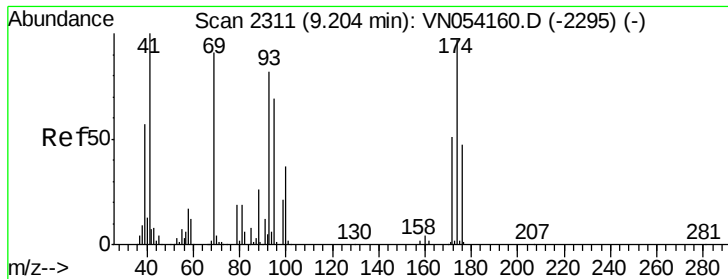
69 0.0 72.6 108.8#

39 0.0 47.5 71.3#



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





#49

1,4-Dioxane

Concen: 1.584 ug/l

RT: 9.27 min Scan# 2333

Delta R.T. 0.07 min

Lab File: VN054325.D

Acq: 15 Mar 2019 22:23

Instrument :
MSVOA_N
ClientSampleId :
TP-6

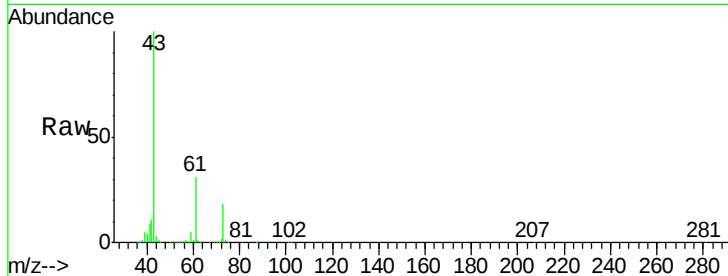
Tot Ion: 88 Resp: 231

Ion Ratio Lower Upper

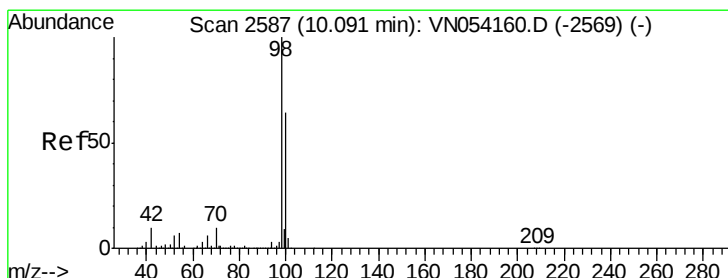
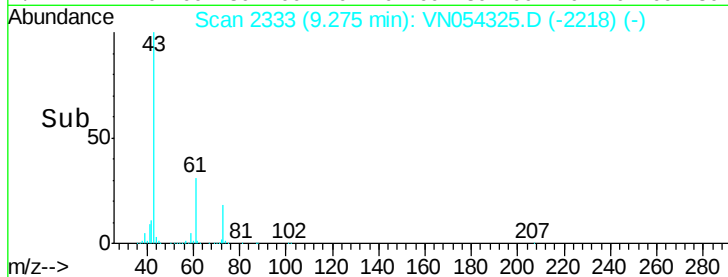
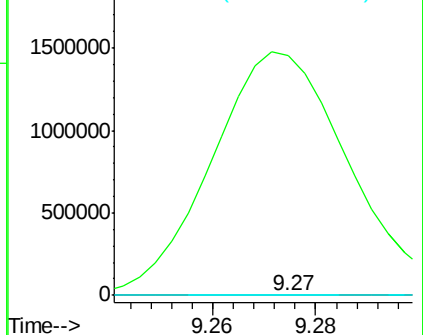
88 100

43 1246762.3 24.1 36.1#

58 5346.3 50.8 76.2#



Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 52.213 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054325.D

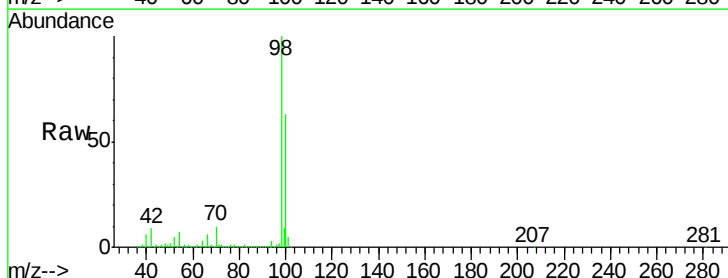
Acq: 15 Mar 2019 22:23

Tgt Ion: 98 Resp: 2720191

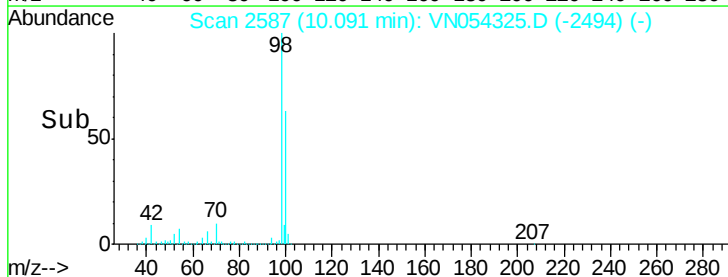
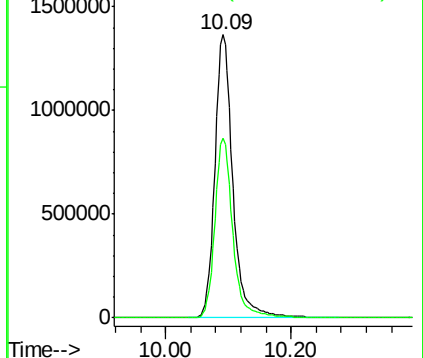
Ion Ratio Lower Upper

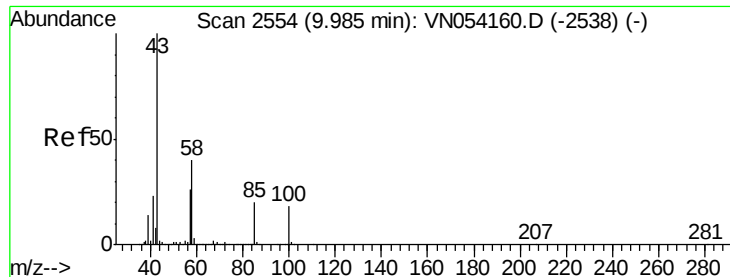
98 100

100 63.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 1.589 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN054325.D

Acq: 15 Mar 2019 22:23

Instrument :

MSVOA_N

ClientSampled :

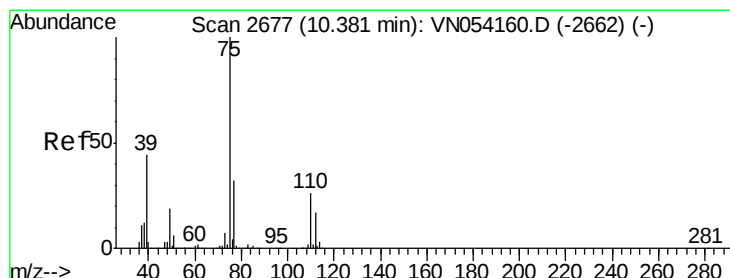
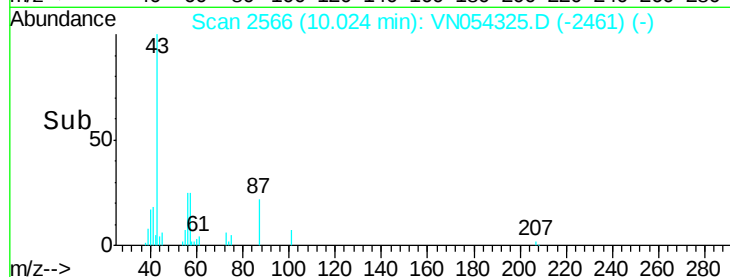
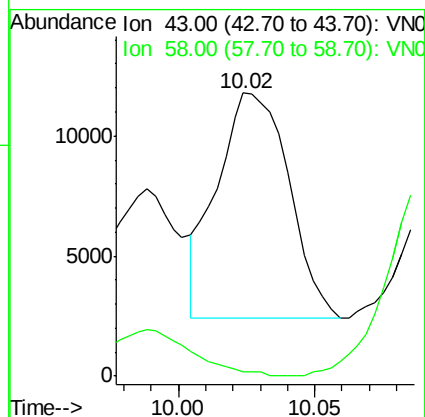
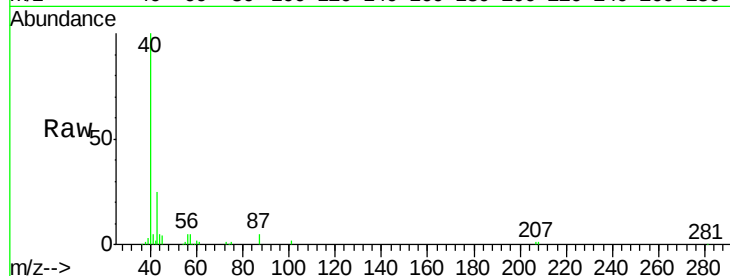
TP-6

Tot Ion: 43 Resp: 17087

Ion Ratio Lower Upper

43 100

58 0.0 31.8 47.6#



#53

t-1,3-Dichloropropene

Concen: 1.991 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN054325.D

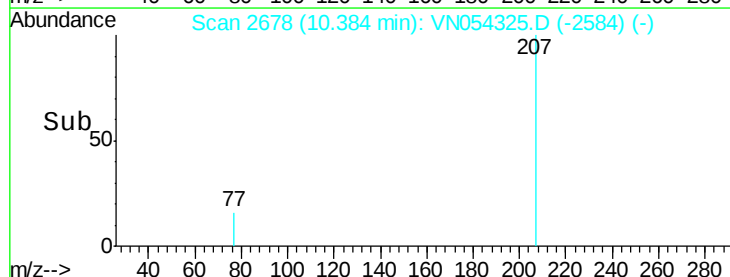
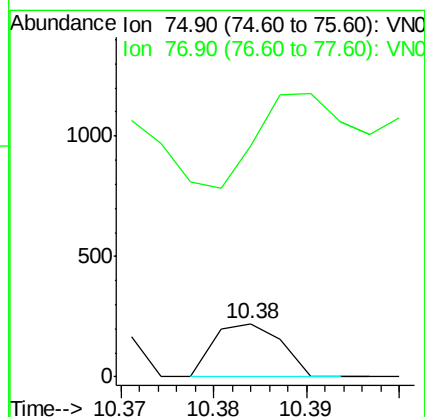
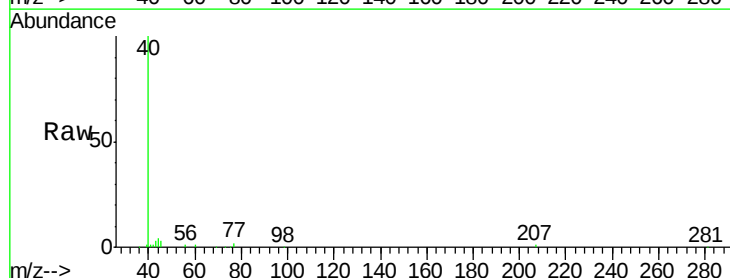
Acq: 15 Mar 2019 22:23

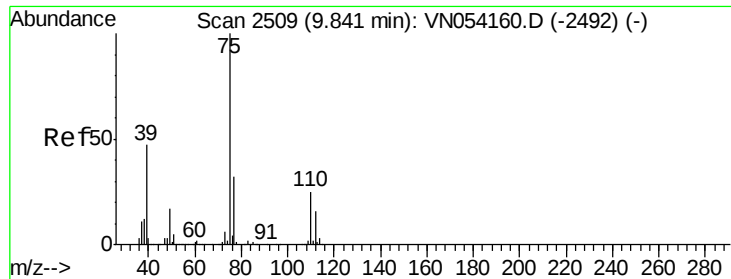
Tgt Ion: 75 Resp: 112

Ion Ratio Lower Upper

75 100

77 67.9 25.8 38.8#



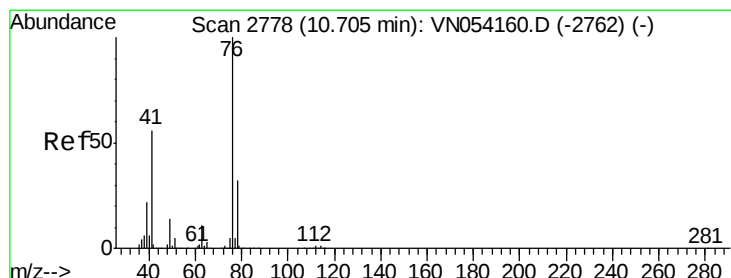
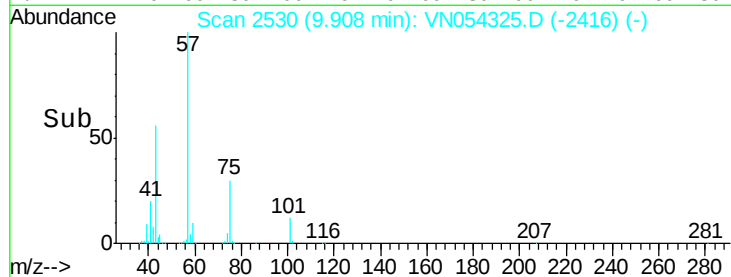
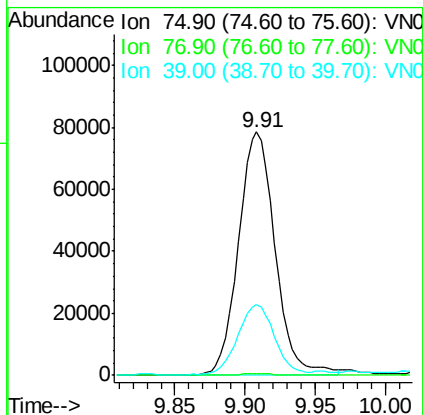
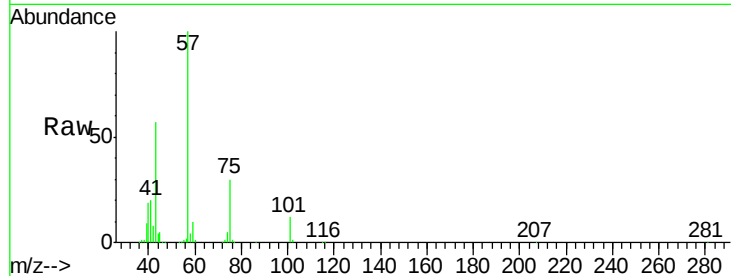


#54

cis-1,3-Dichloropropene
 Concen: 6.328 ug/l
 RT: 9.91 min Scan# 2530
 Delta R.T. 0.07 min
 Lab File: VN054325.D
 Acq: 15 Mar 2019 22:23

Instrument :
 MSVOA_N
 ClientSampled :
 TP-6

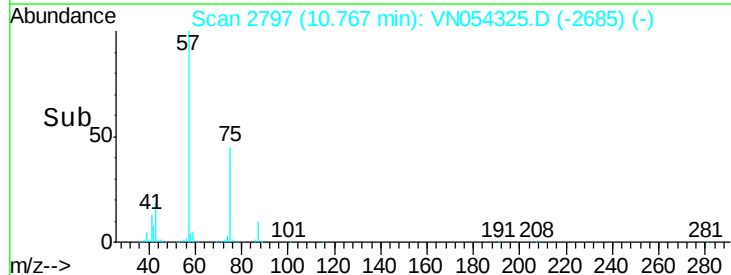
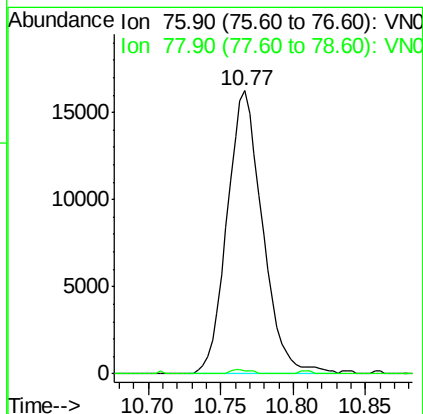
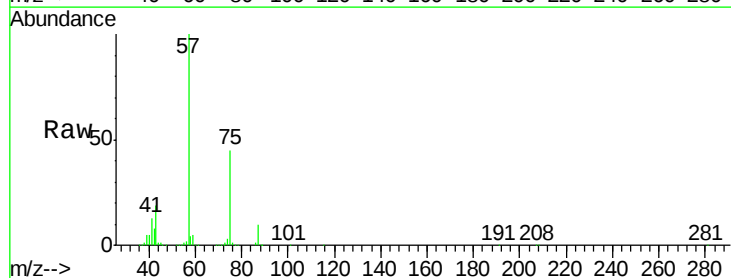
Tot Ion: 75 Resp: 142956
 Ion Ratio Lower Upper
 75 100
 77 0.7 25.4 38.0#
 39 29.0 37.2 55.8#

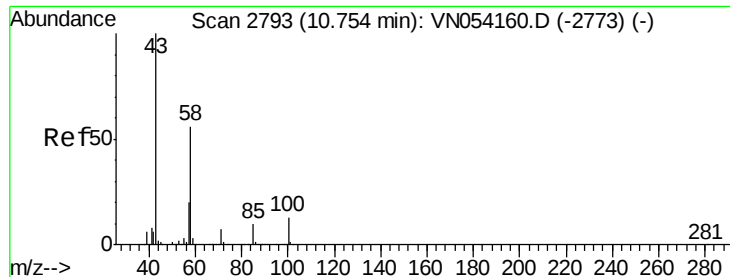


#57

1,3-Dichloropropane
 Concen: 1.264 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.06 min
 Lab File: VN054325.D
 Acq: 15 Mar 2019 22:23

Tgt Ion: 76 Resp: 27589
 Ion Ratio Lower Upper
 76 100
 78 0.9 25.7 38.5#





#59

2-Hexanone

Concen: 49.725 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.01 min

Lab File: VN054325.D

Acq: 15 Mar 2019 22:23

Instrument :

MSVOA_N

ClientSampled :

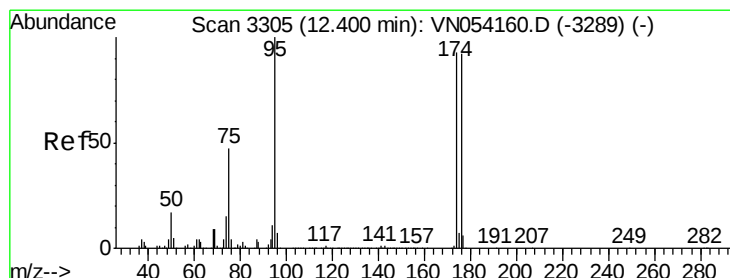
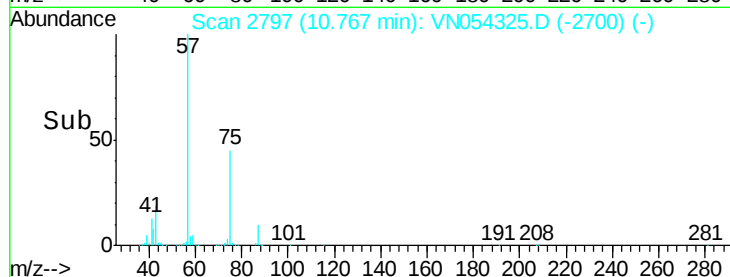
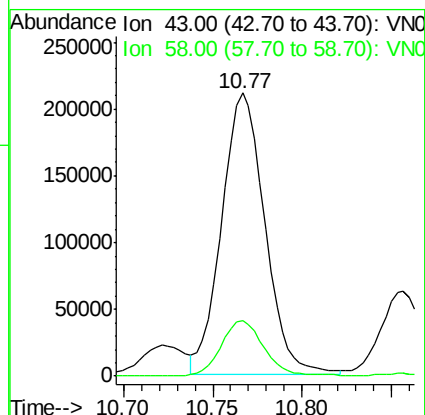
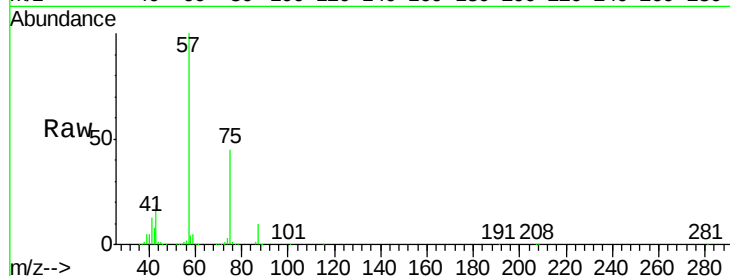
TP-6

Tot Ion: 43 Resp: 355708

Ion Ratio Lower Upper

43 100

58 19.7 28.0 83.9#



#62

4-Bromofluorobenzene

Concen: 57.670 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054325.D

Acq: 15 Mar 2019 22:23

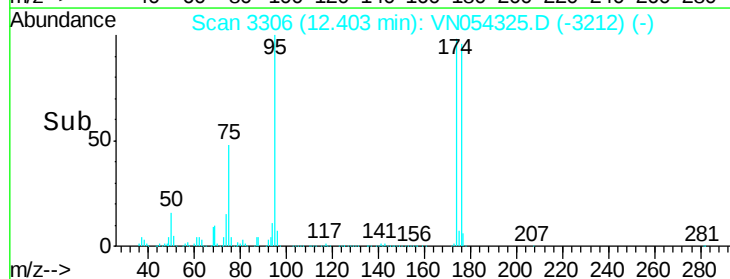
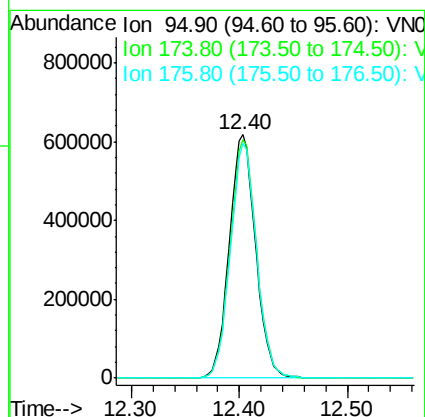
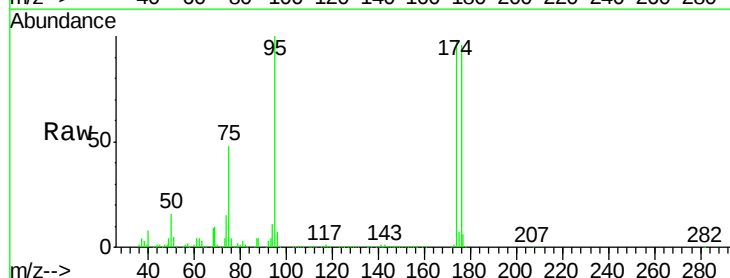
Tgt Ion: 95 Resp: 1051274

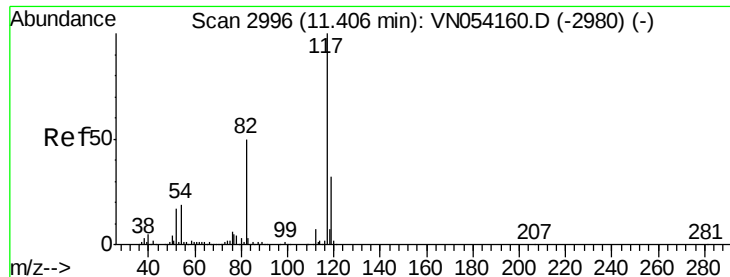
Ion Ratio Lower Upper

95 100

174 98.2 0.0 191.0

176 95.6 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: VN054325.D

Acq: 15 Mar 2019 22:23

Instrument :

MSVOA_N

ClientSampleId :

TP-6

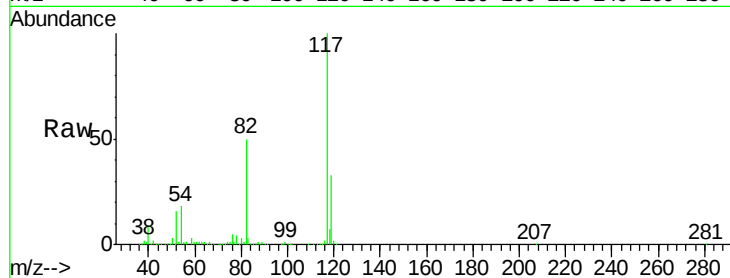
Tot Ion:117 Resp: 2334336

Ion Ratio Lower Upper

117 100

82 49.9 40.0 60.0

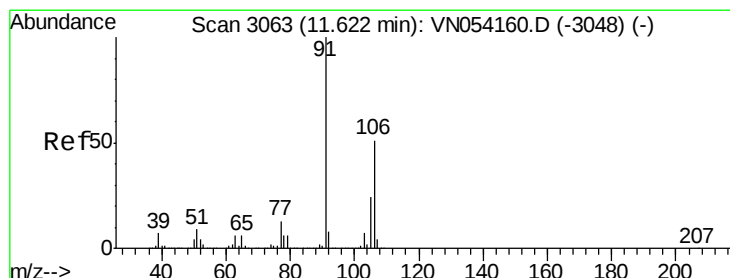
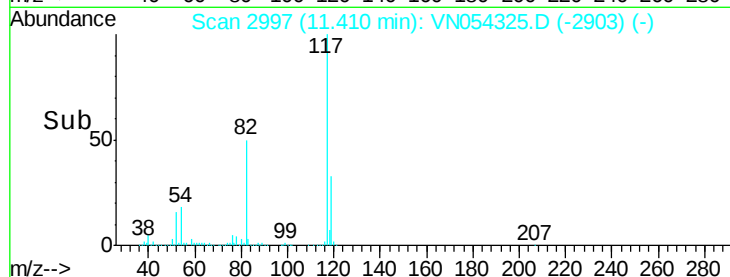
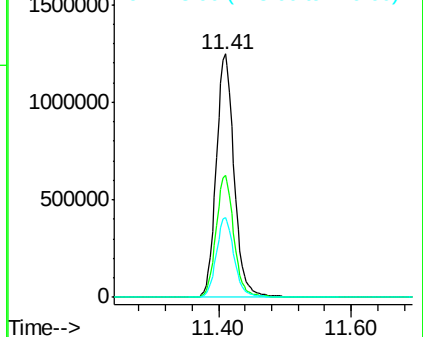
119 32.9 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#68

m/p-Xylenes

Concen: 0.232 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN054325.D

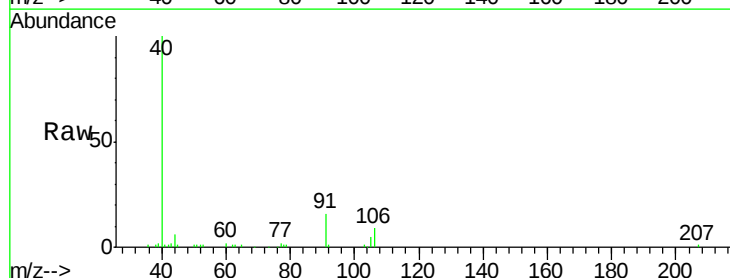
Acq: 15 Mar 2019 22:23

Tgt Ion:106 Resp: 7711

Ion Ratio Lower Upper

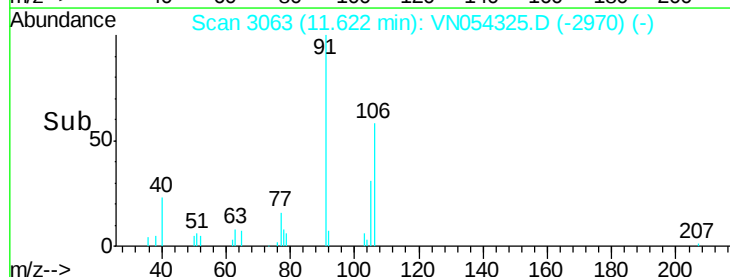
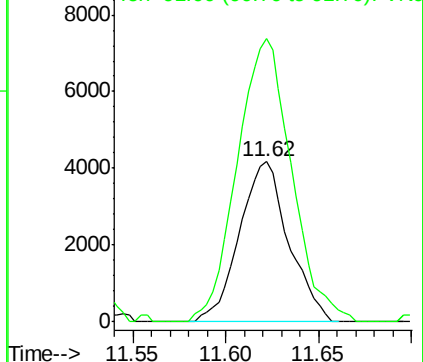
106 100

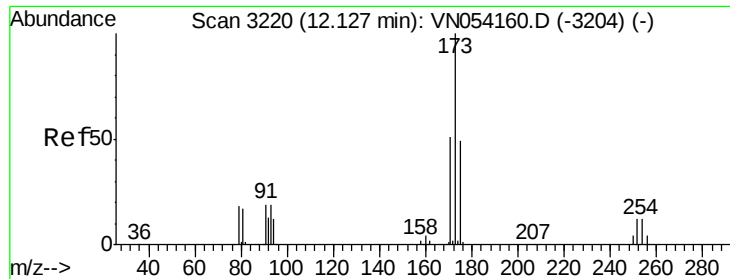
91 194.9 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





#71

Bromoform

Concen: 2.731 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN054325.D

Acq: 15 Mar 2019 22:23

Instrument :

MSVOA_N

ClientSampled :

TP-6

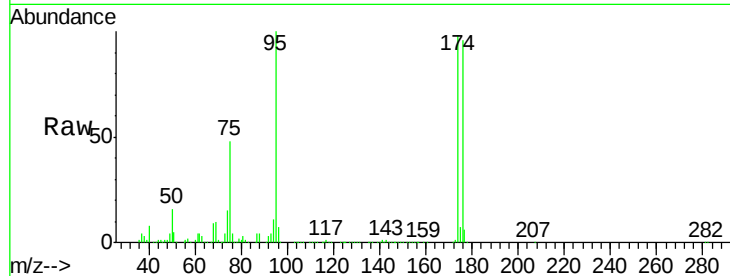
Tot Ion:173 Resp: 5667

Ion Ratio Lower Upper

173 100

175 1060.8 24.4 73.2#

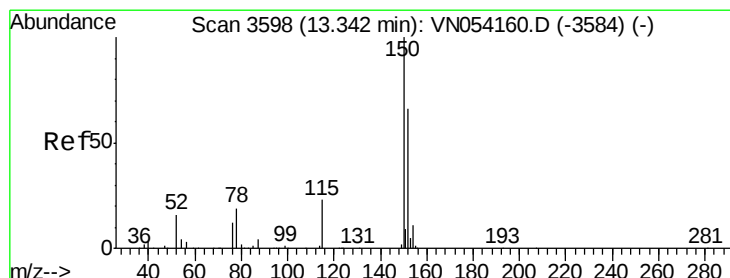
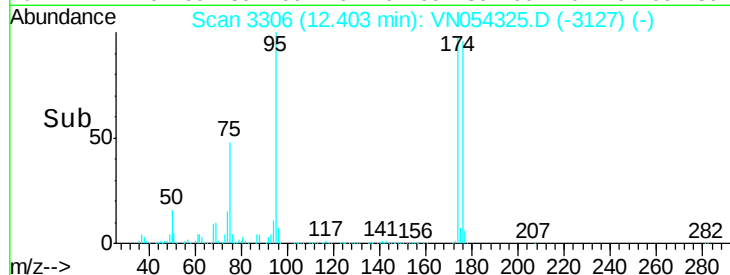
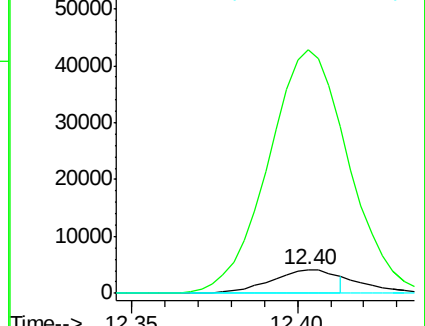
254 0.0 0.1 0.1#



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: VN054325.D

Acq: 15 Mar 2019 22:23

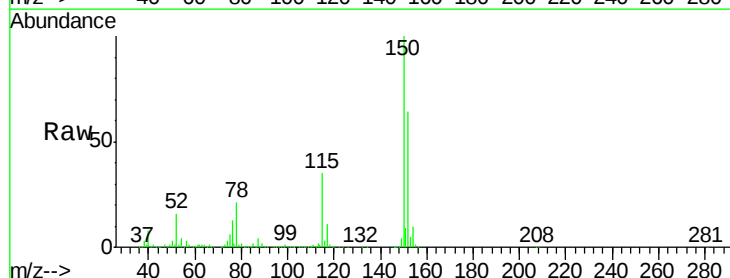
Tgt Ion:152 Resp: 987830

Ion Ratio Lower Upper

152 100

115 55.0 27.2 81.6

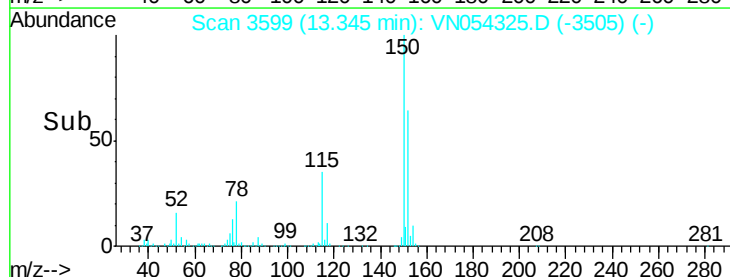
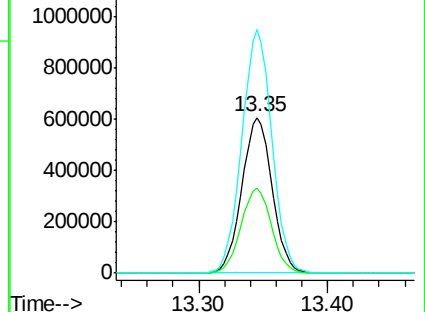
150 156.0 0.0 349.2

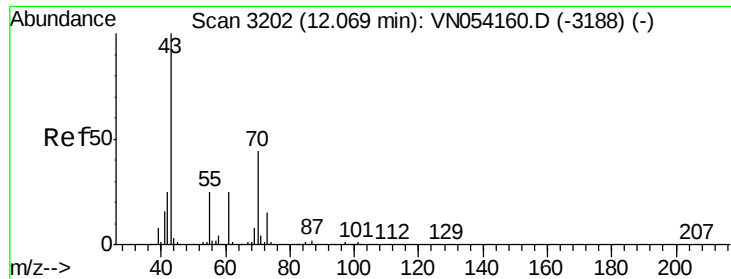


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

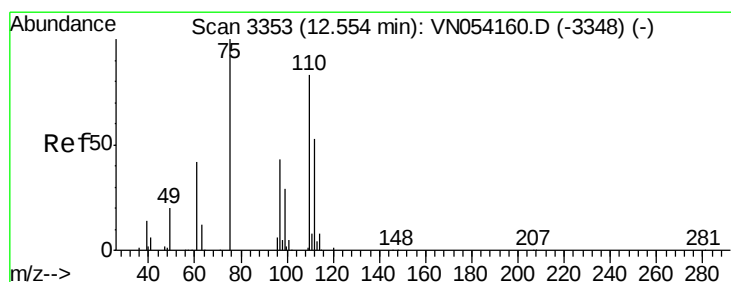
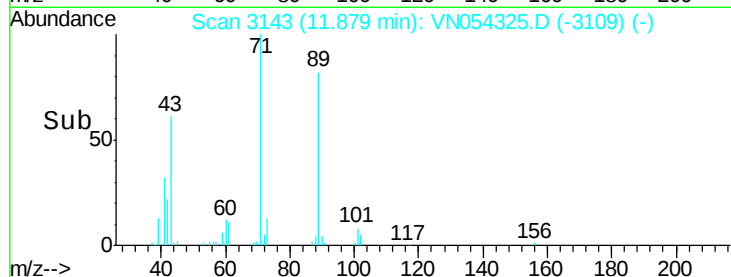
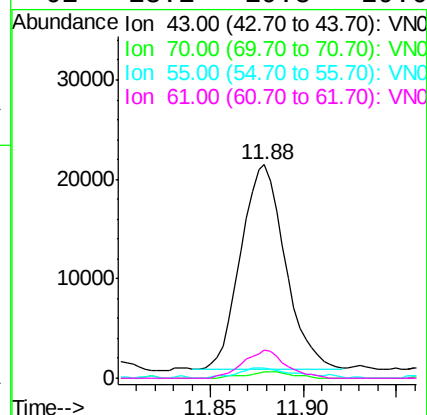
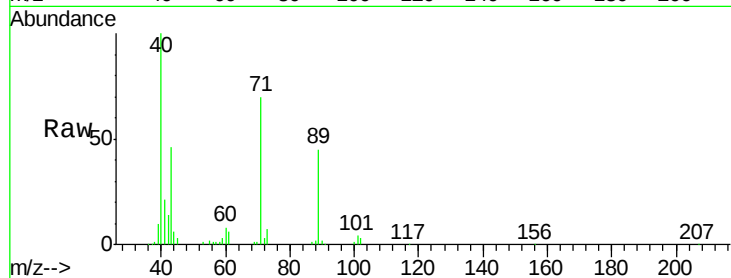




#74
N-amyl acetate
Concen: 1.964 ug/l
RT: 11.88 min Scan# 3143
Delta R.T. -0.19 min
Lab File: VN054325.D
Acq: 15 Mar 2019 22:23

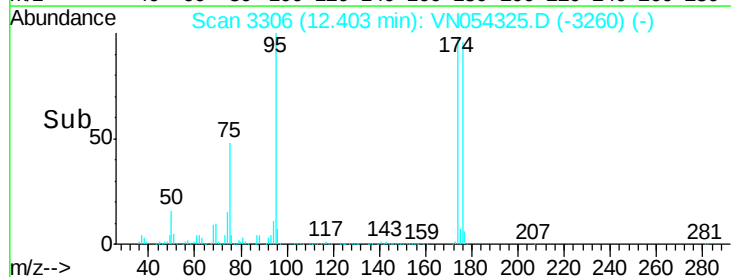
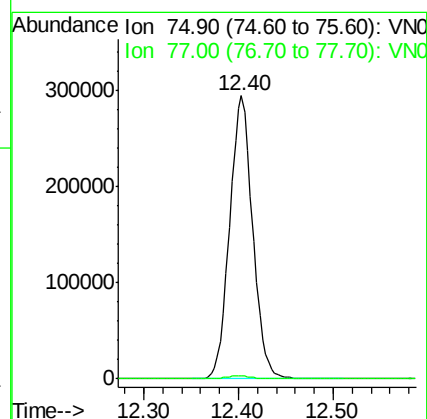
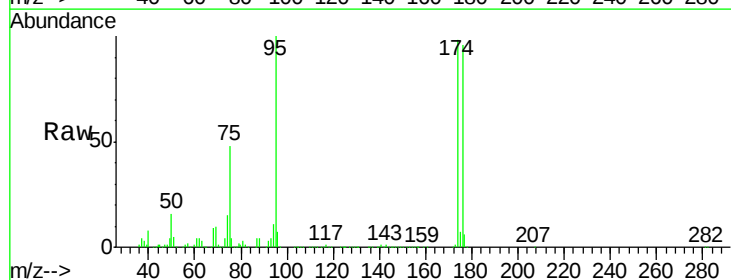
Instrument :
MSVOA_N
ClientSampled :
TP-6

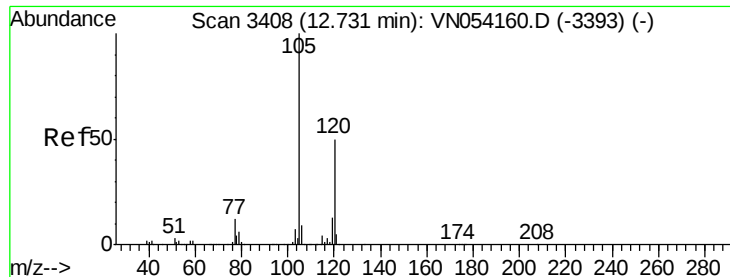
Tot Ion: 43 Resp: 34462
Ion Ratio Lower Upper
43 100
70 3.3 35.4 53.0#
55 6.0 19.8 29.6#
61 13.1 19.8 29.6#



#76
1,2,3-Trichloropropane
Concen: 34.254 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.15 min
Lab File: VN054325.D
Acq: 15 Mar 2019 22:23

Tgt Ion: 75 Resp: 497585
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#80

1,3,5-Trimethylbenzene

Concen: 0.350 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054325.D

Acq: 15 Mar 2019 22:23

Instrument :

MSVOA_N

ClientSampleId :

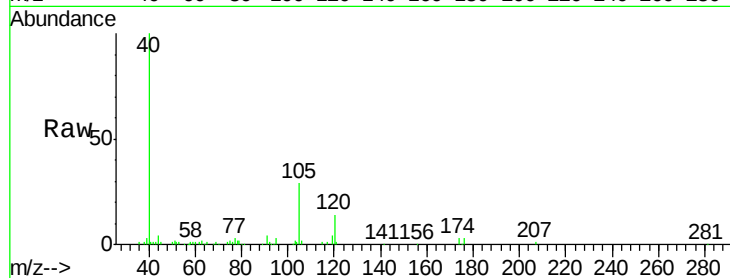
TP-6

Tot Ion:105 Resp: 22980

Ion Ratio Lower Upper

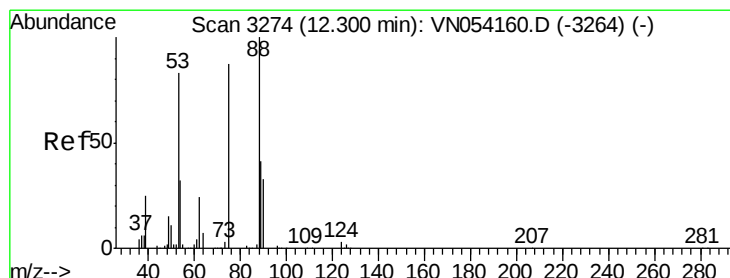
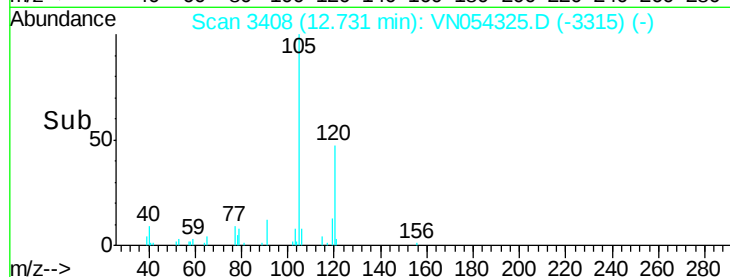
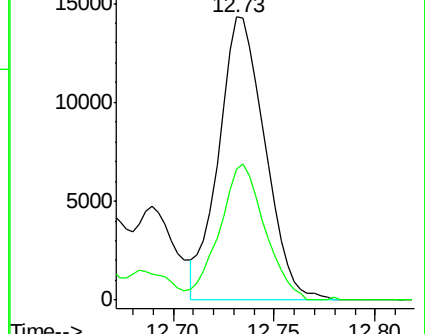
105 100

120 46.8 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 117.094 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN054325.D

Acq: 15 Mar 2019 22:23

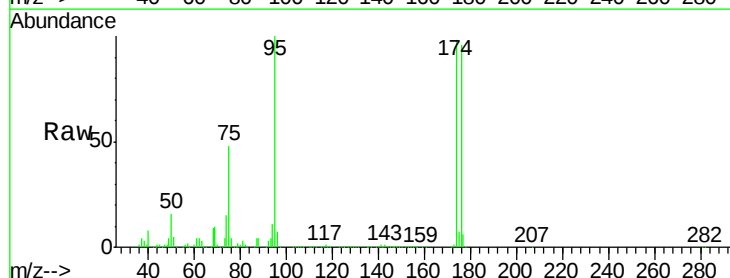
Tgt Ion: 75 Resp: 497585

Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

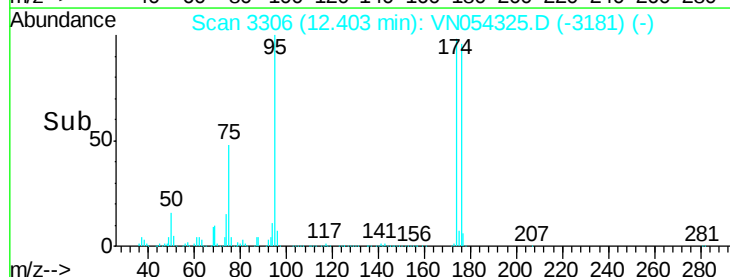
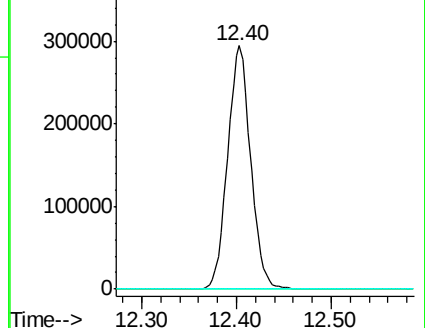
89 0.0 39.2 58.8#

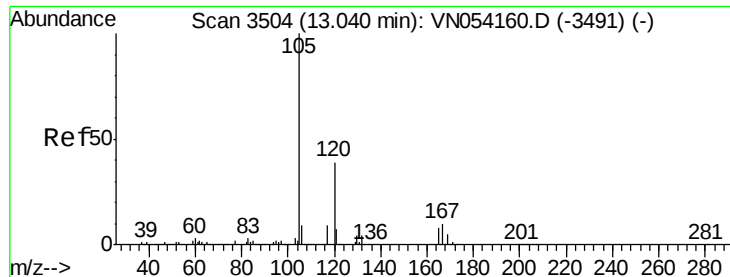


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#84

1,2,4-Trimethylbenzene

Concen: 0.528 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.00 min

Lab File: VN054325.D

Acq: 15 Mar 2019 22:23

Instrument :

MSVOA_N

ClientSampled :

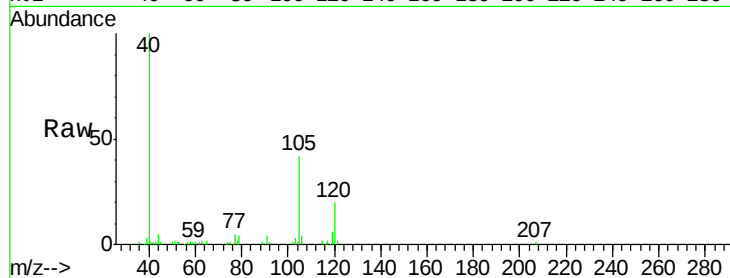
TP-6

Tot Ion:105 Resp: 34043

Ion Ratio Lower Upper

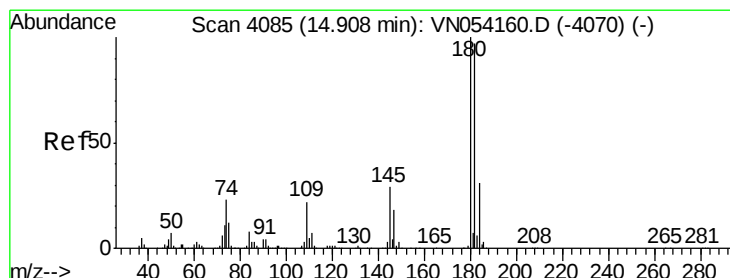
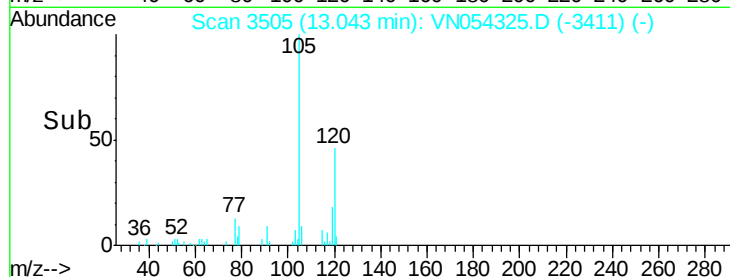
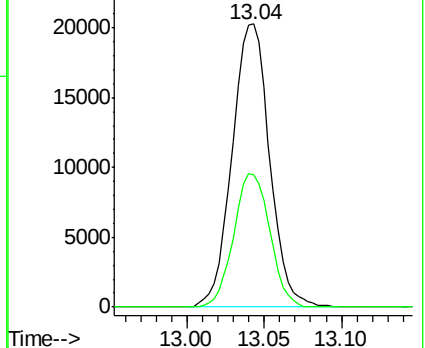
105 100

120 45.5 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#93

1,2,4-Trichlorobenzene

Concen: 2.559 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.01 min

Lab File: VN054325.D

Acq: 15 Mar 2019 22:23

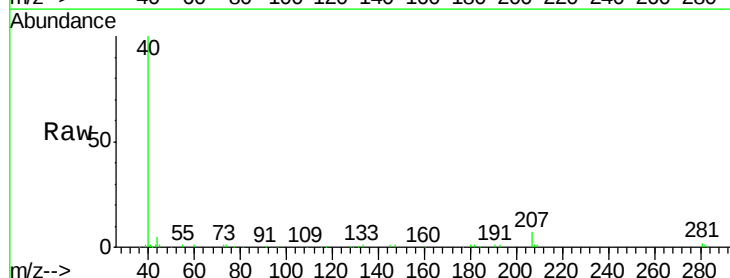
Tgt Ion:180 Resp: 925

Ion Ratio Lower Upper

180 100

182 75.4 48.0 144.2

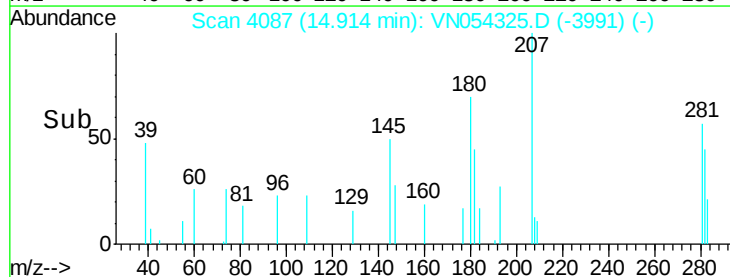
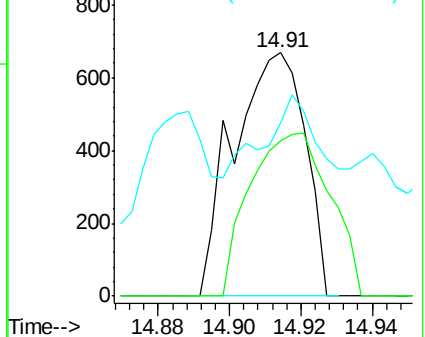
145 28.9 14.2 42.8

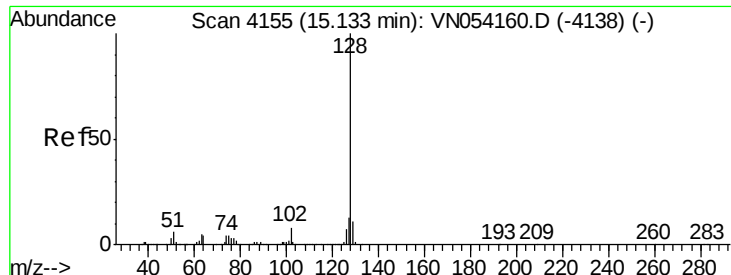


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 5.484 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054325.D

Acq: 15 Mar 2019 22:23

Instrument :

MSVOA_N

ClientSampleId :

TP-6

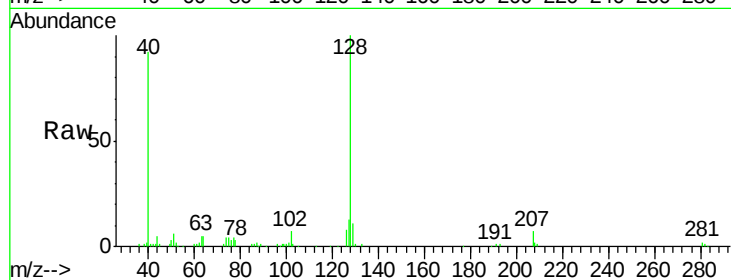
Tot Ion:128 Resp: 93771

Ion Ratio Lower Upper

128 100

127 12.4 10.1 15.1

129 10.8 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

