

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031619\
 Data File : VN054363.D
 Acq On : 17 Mar 2019 4:10
 Operator : JC/SP
 Sample : K1956-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-7

Quant Time: Mar 18 05:00:47 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	1861876	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2712287	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2257349	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	868420	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	920847	46.57	ug/l	0.00
Spiked Amount			Recovery	=	93.14%	
35) Dibromofluoromethane	7.59	113	822017	46.99	ug/l	0.00
Spiked Amount			Recovery	=	93.98%	
50) Toluene-d8	10.09	98	3116823	48.24	ug/l	0.00
Spiked Amount			Recovery	=	96.48%	
62) 4-Bromofluorobenzene	12.40	95	930499	41.16	ug/l	0.00
Spiked Amount			Recovery	=	82.32%	

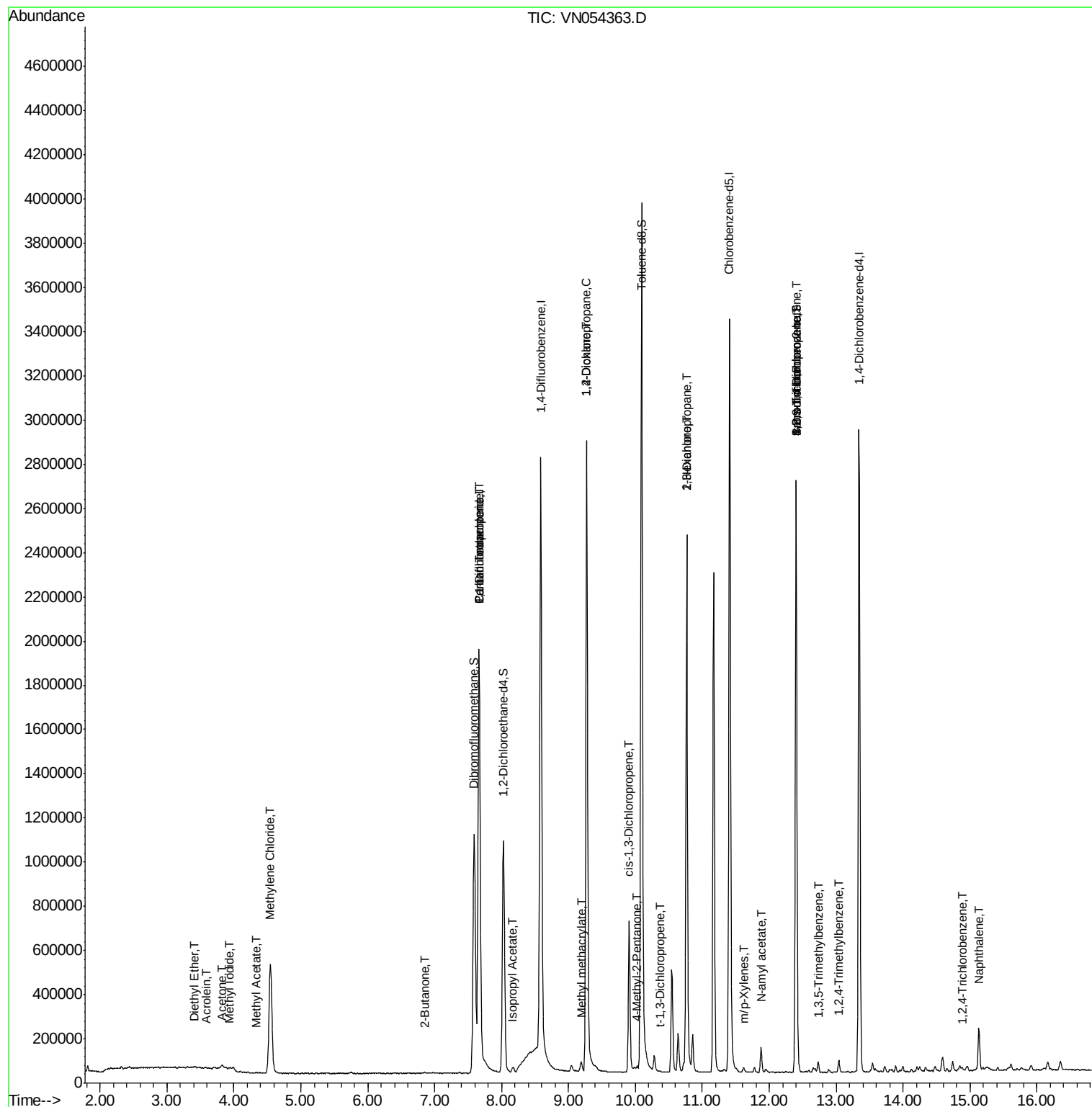
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.42	74	2919	0.246	ug/l	93
10) Methyl Iodide	3.93	142	273	1.506	ug/l #	75
13) Acrolein	3.60	56	587	0.457	ug/l #	42
16) Acetone	3.82	43	21765	3.844	ug/l	91
18) Methyl Acetate	4.34	43	4180	0.365	ug/l #	88
20) Methylene Chloride	4.54	84	398711	21.448	ug/l	97
25) 2-Butanone	6.86	43	1340	0.202	ug/l	93
31) Cyclohexane	7.66	56	27844	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	107679	4.311	ug/l #	48
38) Carbon Tetrachloride	7.66	117	150921	5.762	ug/l #	15
43) Isopropyl Acetate	8.17	43	27341	1.085	ug/l #	94
45) 1,2-Dichloropropane	9.28	63	3588	0.202	ug/l #	43
48) Methyl methacrylate	9.18	41	15177	1.187	ug/l #	11
49) 1,4-Dioxane	9.27	88	421	2.328	ug/l #	1
51) 4-Methyl-2-Pentanone	10.03	43	16901	1.268	ug/l #	36
53) t-1,3-Dichloropropene	10.37	75	150	1.991	ug/l #	42
54) cis-1,3-Dichloropropene	9.91	75	136497	4.872	ug/l #	63
57) 1,3-Dichloropropane	10.76	76	26866	0.993	ug/l #	43
59) 2-Hexanone	10.77	43	352700	39.760	ug/l #	50
68) m/p-Xylenes	11.62	106	7816	0.243	ug/l	99
71) Bromoform	12.40	173	6215	2.782	ug/l #	1
74) N-amyl acetate	11.88	43	35847	2.324	ug/l #	53
76) 1,2,3-Trichloropropane	12.40	75	445795	34.908	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	22009	0.381	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	445795	119.332	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	34592	0.610	ug/l	95
93) 1,2,4-Trichlorobenzene	14.90	180	795	2.558	ug/l #	76
95) Naphthalene	15.13	128	181342	7.900	ug/l	99

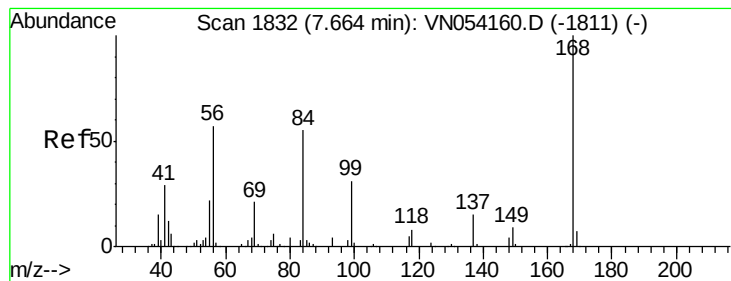
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054363.D

Acq: 17 Mar 2019 4:10

Instrument :

MSVOA_N

ClientSampled :

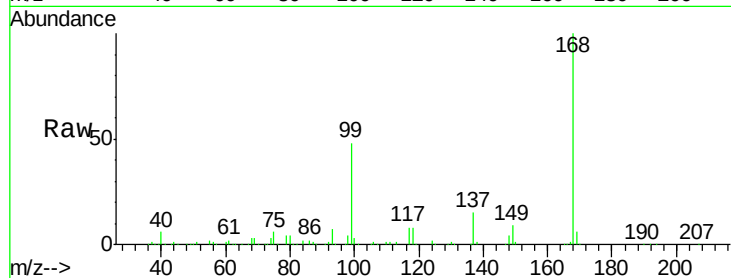
TP-7

Tot Ion:168 Resp: 1861876

Ion Ratio Lower Upper

168 100

99 47.9 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

800000

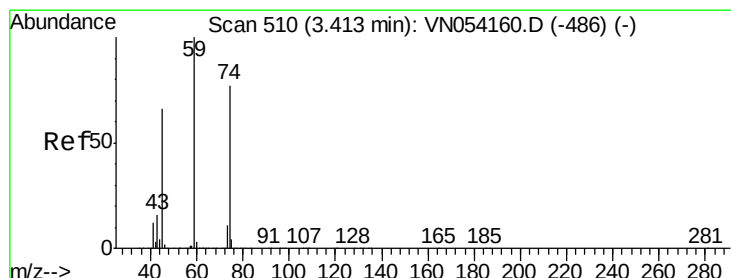
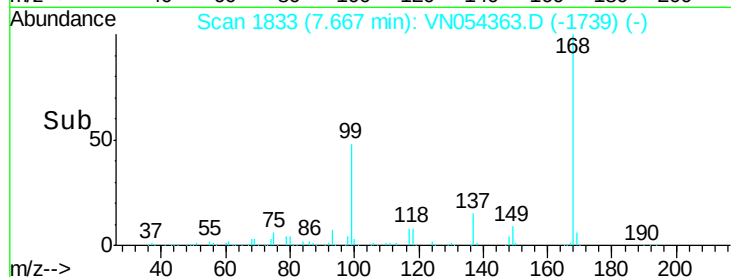
600000

400000

200000

0

Time--> 7.50 7.60 7.70 7.80



#8

Diethyl Ether

Concen: 0.246 ug/l

RT: 3.42 min Scan# 511

Delta R.T. 0.00 min

Lab File: VN054363.D

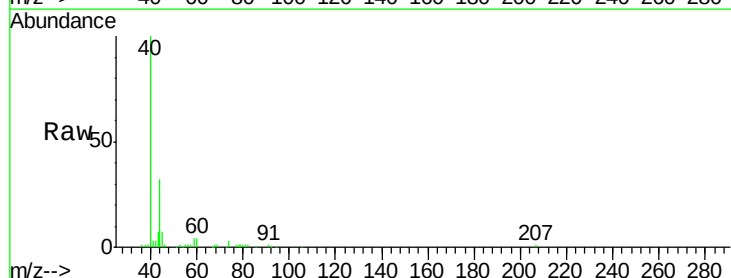
Acq: 17 Mar 2019 4:10

Tgt Ion: 74 Resp: 2919

Ion Ratio Lower Upper

74 100

45 80.2 43.1 129.4



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO

3.42

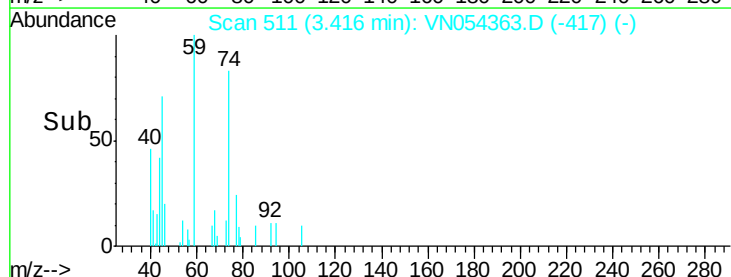
3000

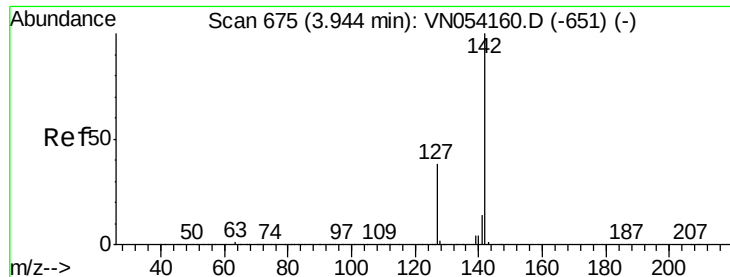
2000

1000

0

Time--> 3.35 3.40 3.45

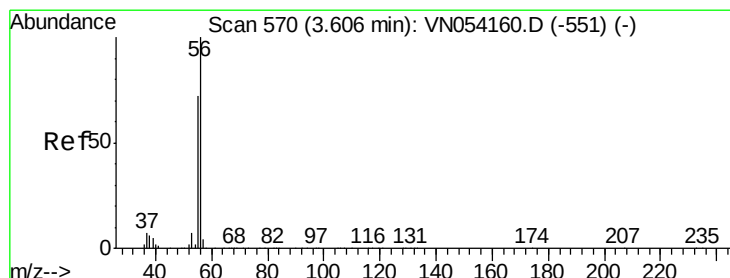
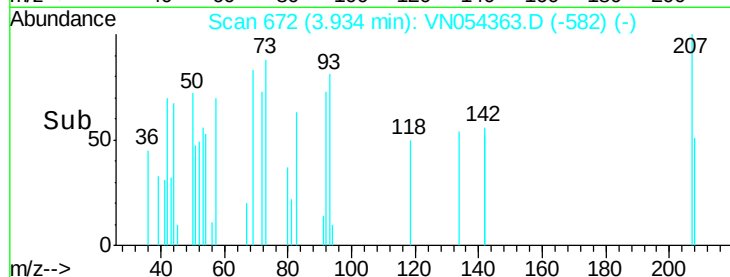
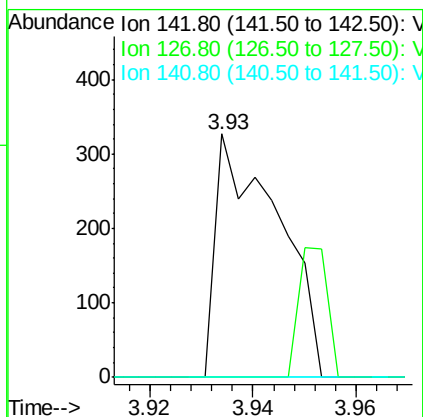
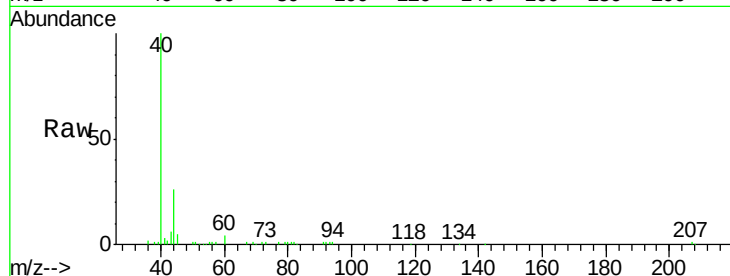




#10
Methvl Iodide
Concen: 1.506 ug/l
RT: 3.93 min Scan# 672
Delta R.T. -0.01 min
Lab File: VN054363.D
Acq: 17 Mar 2019 4:10

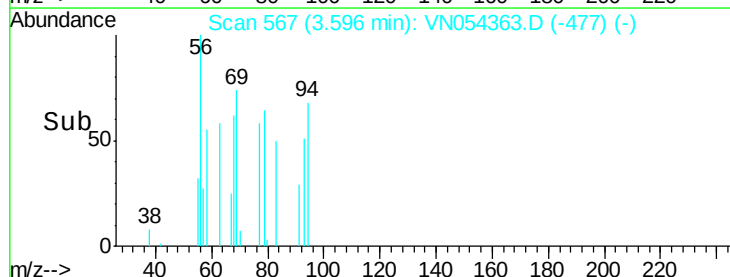
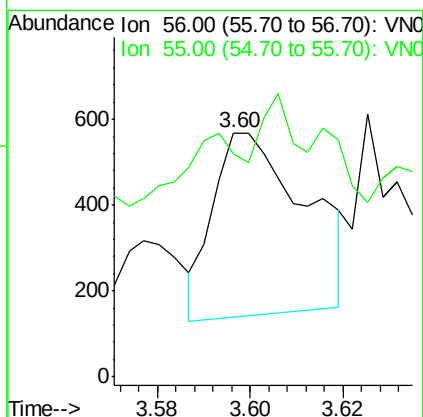
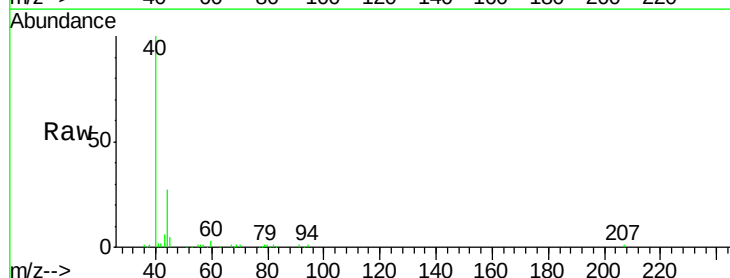
Instrument :
MSVOA_N
ClientSampled :
TP-7

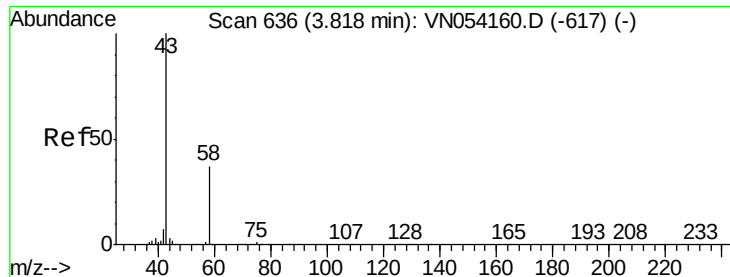
Tot Ion:142 Resp: 273
Ion Ratio Lower Upper
142 100
127 24.5 30.3 45.5#
141 0.0 11.2 16.8#



#13
Acrolein
Concen: 0.457 ug/l
RT: 3.60 min Scan# 567
Delta R.T. -0.01 min
Lab File: VN054363.D
Acq: 17 Mar 2019 4:10

Tgt Ion: 56 Resp: 587
Ion Ratio Lower Upper
56 100
55 22.8 56.7 85.1#





#16

Acetone

Concen: 3.844 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN054363.D

Acq: 17 Mar 2019 4:10

Instrument :

MSVOA_N

ClientSampled :

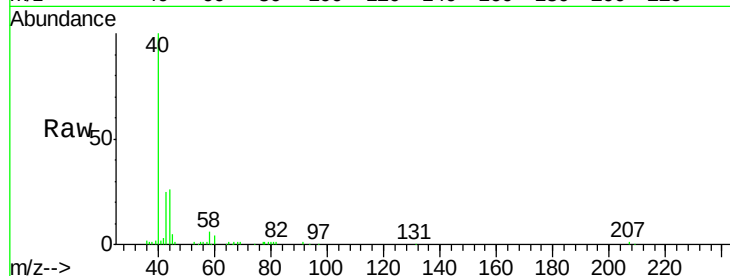
TP-7

Tot Ion: 43 Resp: 21765

Ion Ratio Lower Upper

43 100

58 32.0 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

12000

10000

8000

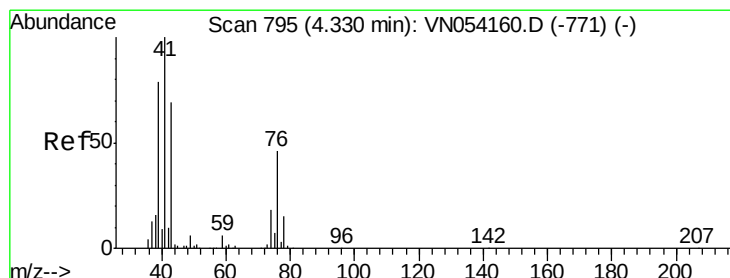
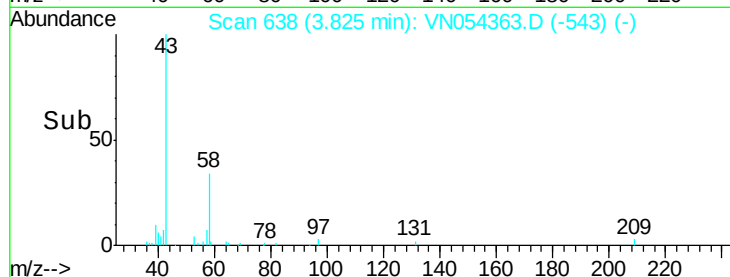
6000

4000

2000

0

Time-->



#18

Methyl Acetate

Concen: 0.365 ug/l

RT: 4.34 min Scan# 798

Delta R.T. 0.01 min

Lab File: VN054363.D

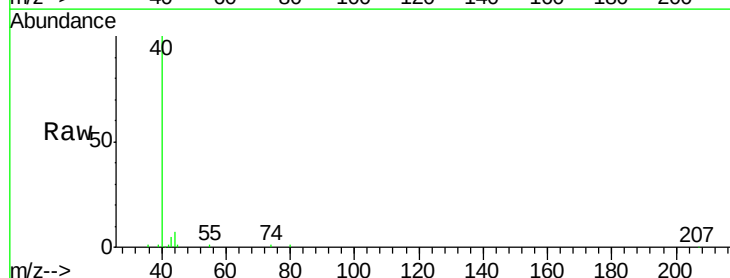
Acq: 17 Mar 2019 4:10

Tgt Ion: 43 Resp: 4180

Ion Ratio Lower Upper

43 100

74 19.8 20.8 31.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.34

2000

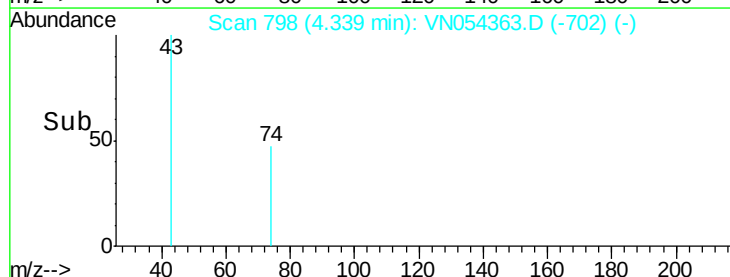
1500

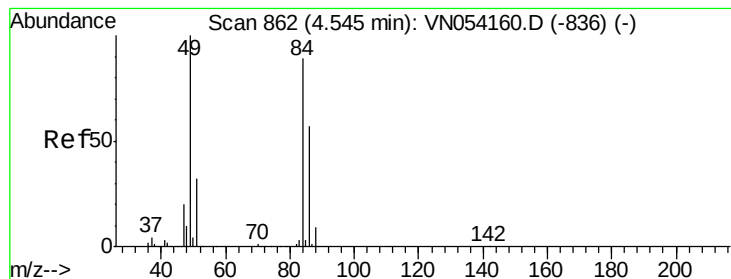
1000

500

0

Time-->





#20

Methylene Chloride

Concen: 21.448 ug/l

RT: 4.54 min Scan# 862

Delta R.T. -0.00 min

Lab File: VN054363.D

Acq: 17 Mar 2019 4:10

Instrument :

MSVOA_N

ClientSampled :

TP-7

Tot Ion: 84 Resp: 398711

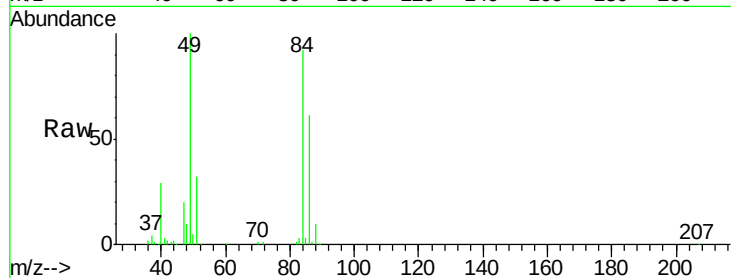
Ion Ratio Lower Upper

84 100

49 108.8 89.7 134.5

51 34.8 28.2 42.4

86 66.5 50.8 76.2

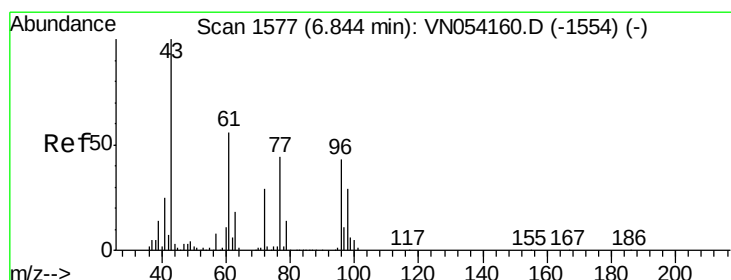
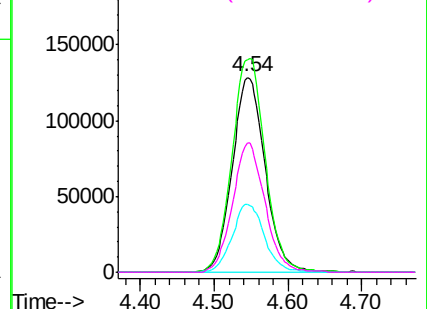
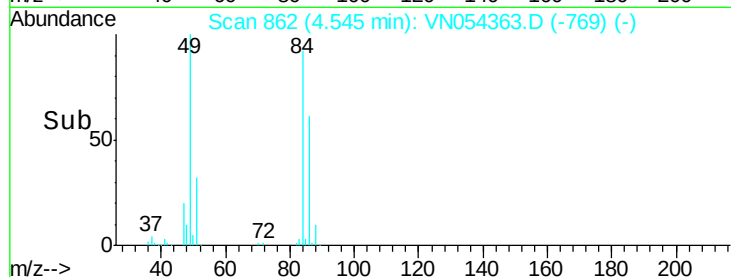


Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO



#25

2-Butanone

Concen: 0.202 ug/l

RT: 6.86 min Scan# 1583

Delta R.T. 0.02 min

Lab File: VN054363.D

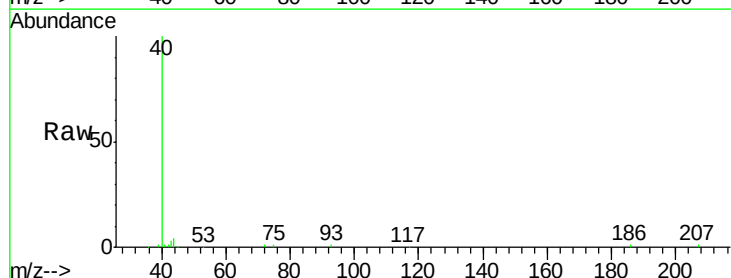
Acq: 17 Mar 2019 4:10

Tgt Ion: 43 Resp: 1340

Ion Ratio Lower Upper

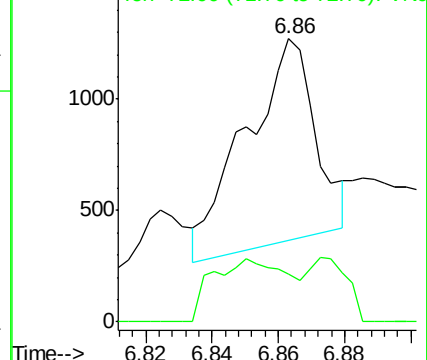
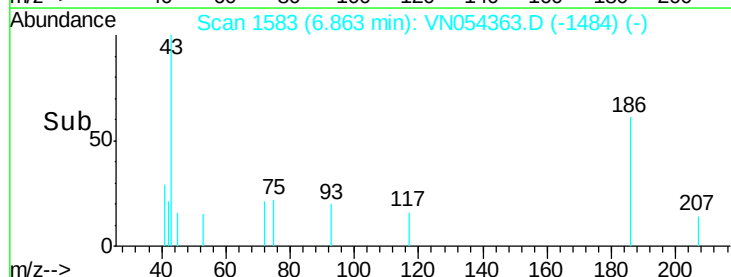
43 100

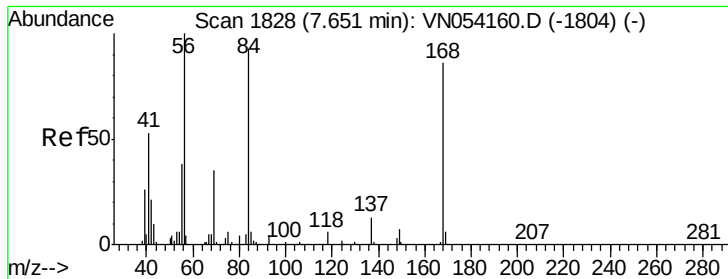
72 25.1 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 72.00 (71.70 to 72.70): VNO





#31

Cyclohexane

Concen: Below Cal

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN054363.D

Acq: 17 Mar 2019 4:10

Instrument :

MSVOA_N

ClientSampled :

TP-7

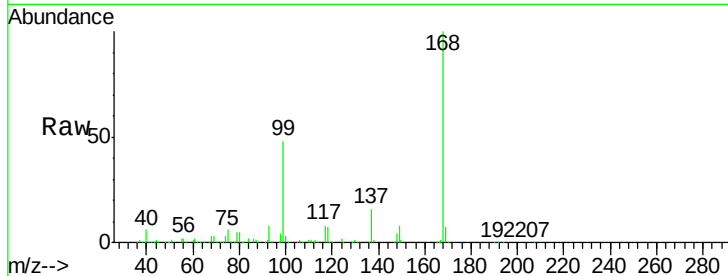
Tot Ion: 56 Resp: 27844

Ion Ratio Lower Upper

56 100

69 187.9 27.8 41.6#

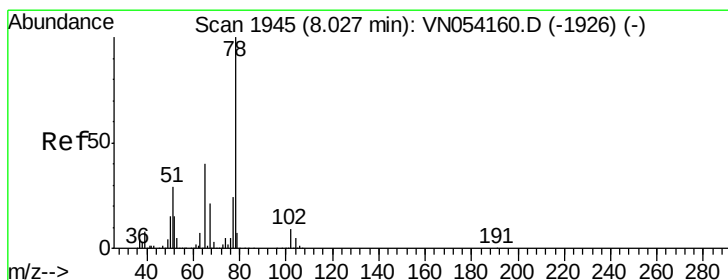
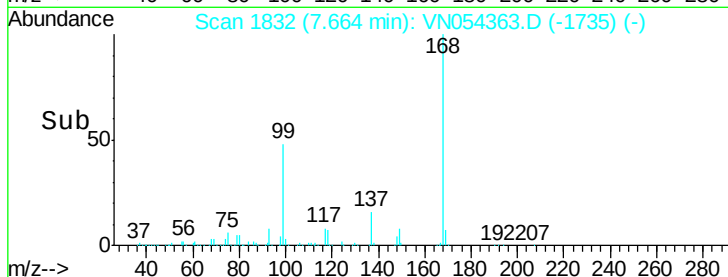
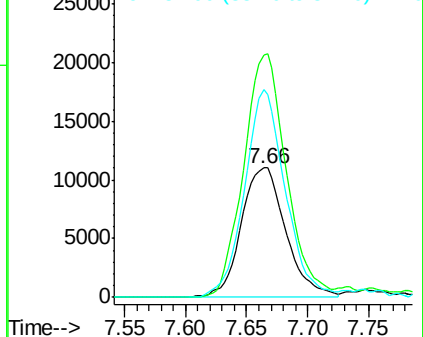
84 160.7 74.6 111.8#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 46.571 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054363.D

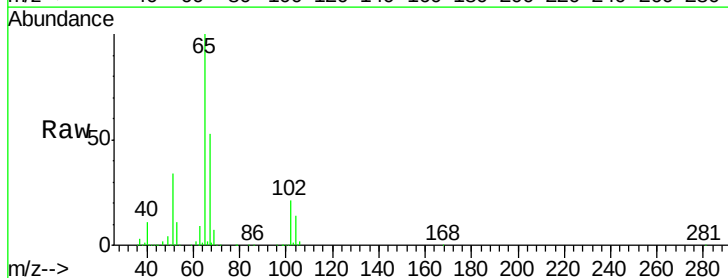
Acq: 17 Mar 2019 4:10

Tgt Ion: 65 Resp: 920847

Ion Ratio Lower Upper

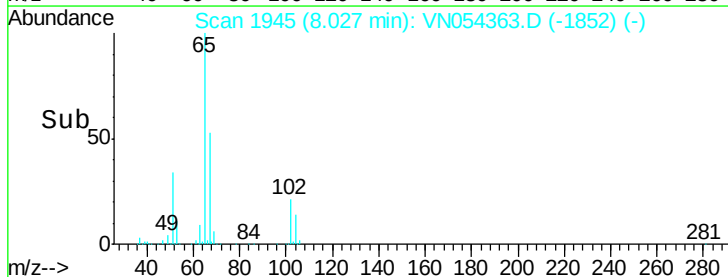
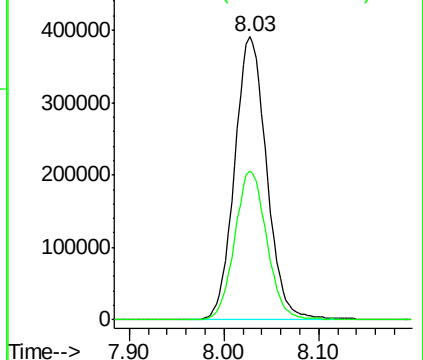
65 100

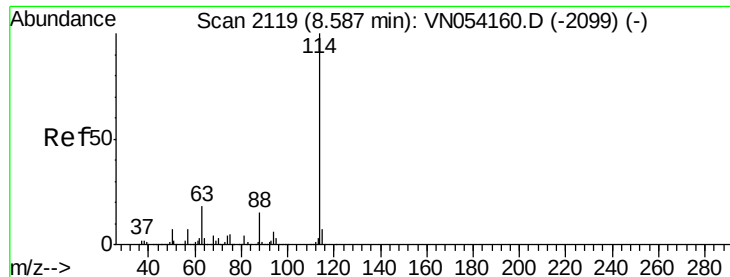
67 52.6 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

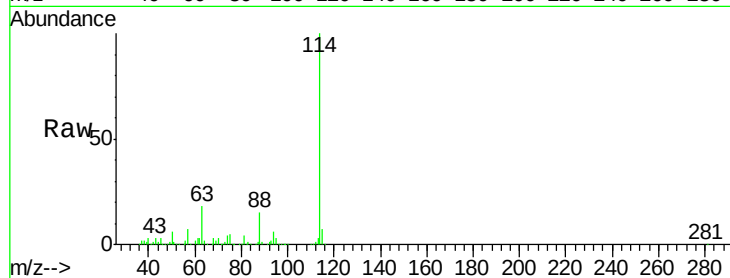




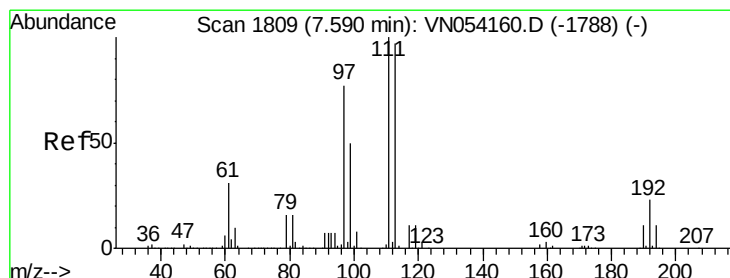
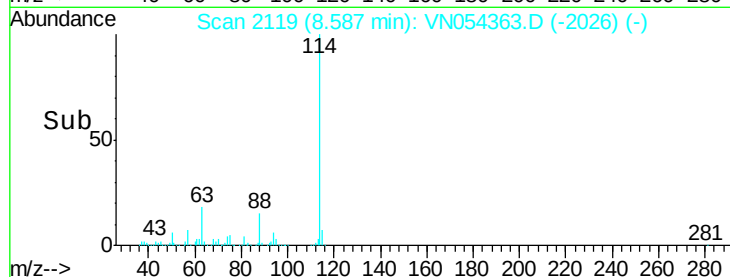
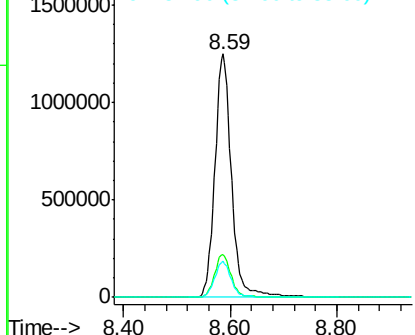
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054363.D
 Acq: 17 Mar 2019 4:10

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-7

Tot Ion:114 Resp: 2712287
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 35.2
 88 14.7 0.0 30.2

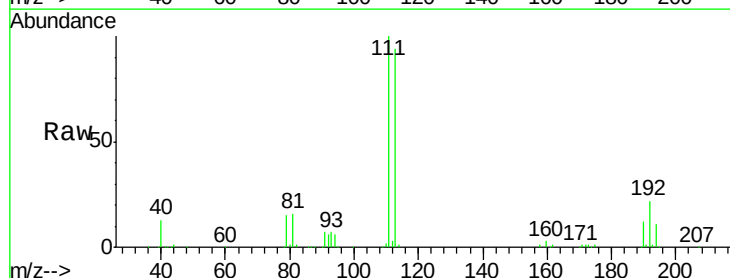


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

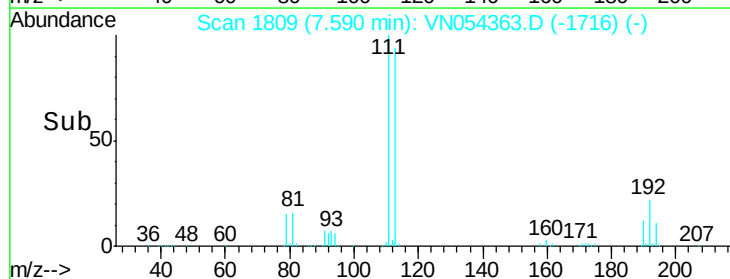
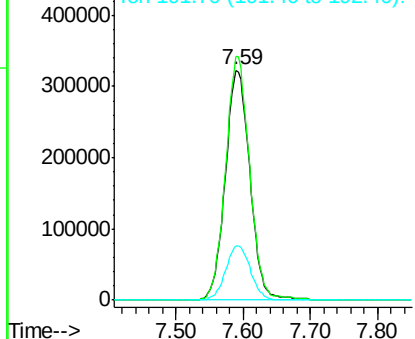


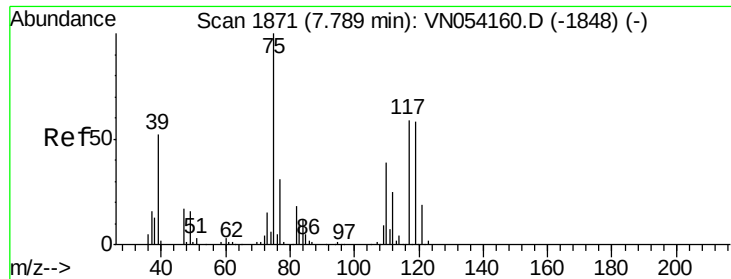
#35
 Dibromofluoromethane
 Concen: 46.991 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN054363.D
 Acq: 17 Mar 2019 4:10

Tgt Ion:113 Resp: 822017
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.2 123.4
 192 23.8 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

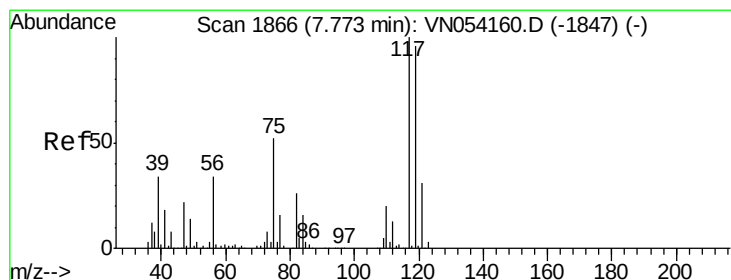
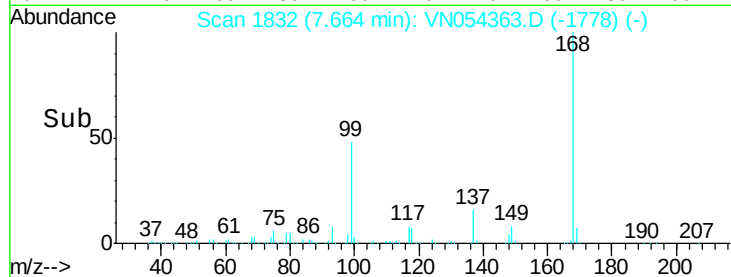
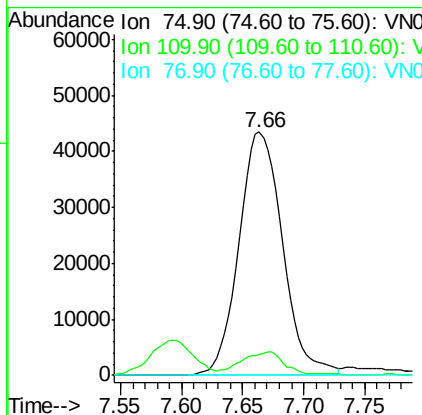
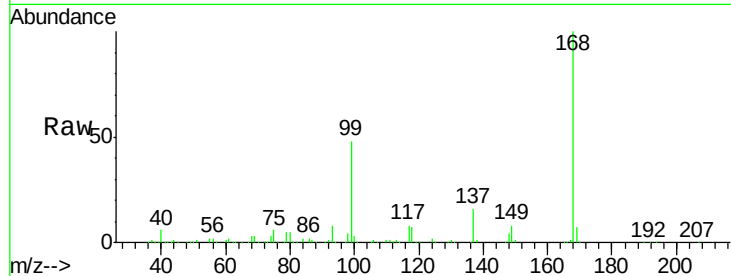




#36
 1,1-Dichloropropene
 Concen: 4.311 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN054363.D
 Acq: 17 Mar 2019 4:10

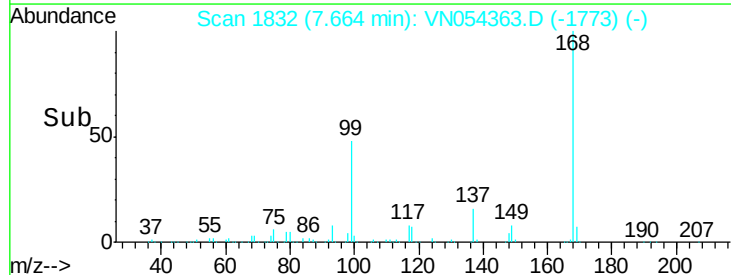
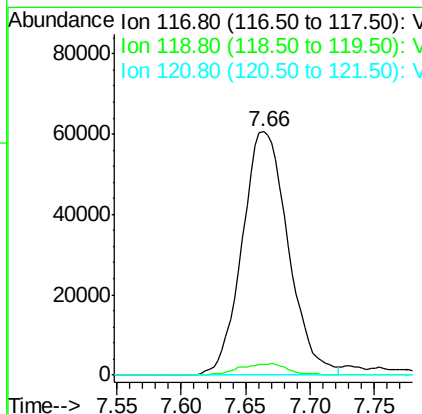
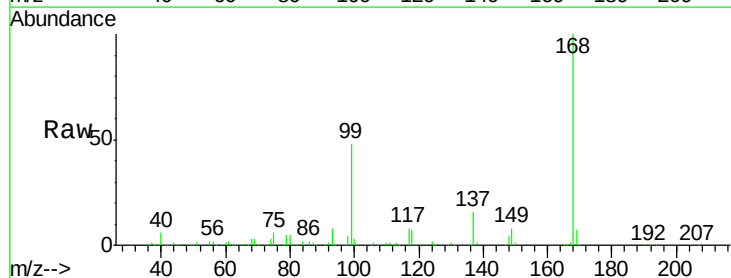
Instrument :
 MSVOA_N
 ClientSampled :
 TP-7

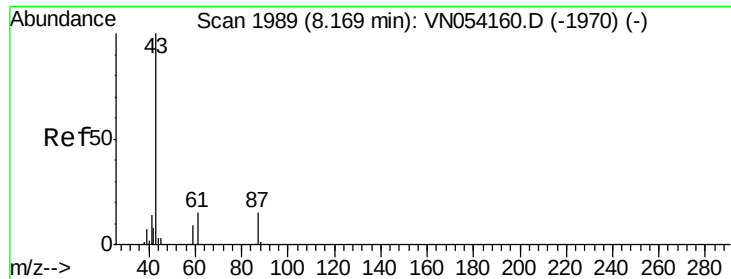
Tot Ion	75	Resp	107679
Ion Ratio	Lower	Upper	
75	100		
110	8.8	19.1	57.5#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 5.762 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN054363.D
 Acq: 17 Mar 2019 4:10

Tgt Ion	117	Resp	150921
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
117	100		
119	4.2	76.3	114.5#
121	0.0	24.6	36.8#





#43

Isopropyl Acetate

Concen: 1.085 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. -0.00 min

Lab File: VN054363.D

Acq: 17 Mar 2019 4:10

Instrument :

MSVOA_N

ClientSampleId :

TP-7

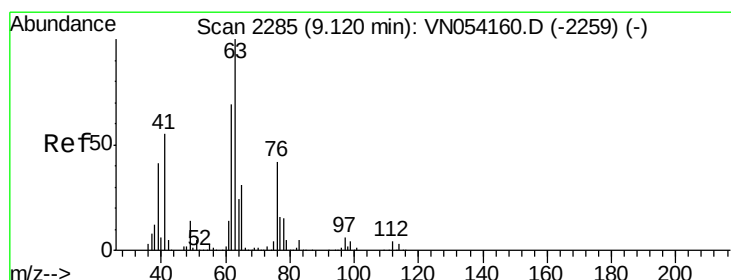
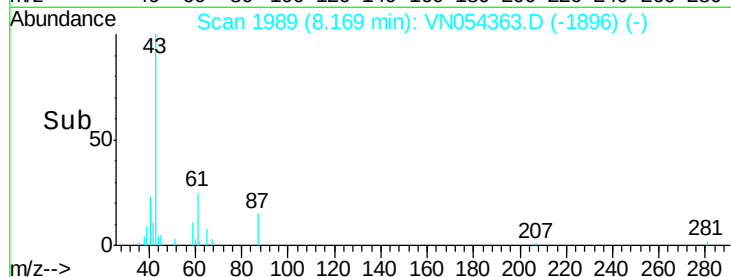
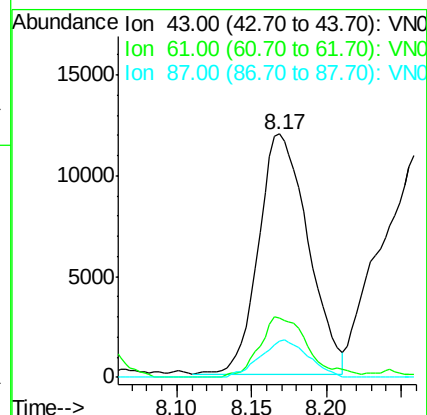
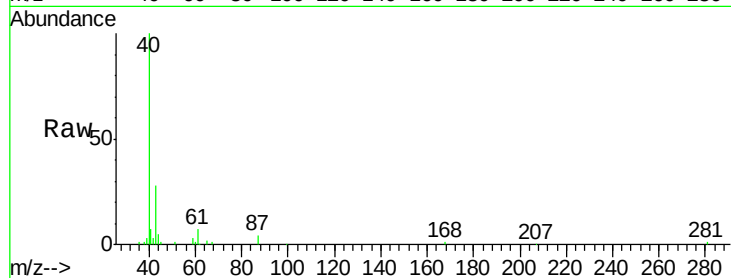
Tot Ion: 43 Resp: 27341

Ion Ratio Lower Upper

43 100

61 24.9 15.8 23.8#

87 15.1 12.0 18.0



#45

1,2-Dichloropropane

Concen: 0.202 ug/l

RT: 9.28 min Scan# 2334

Delta R.T. 0.16 min

Lab File: VN054363.D

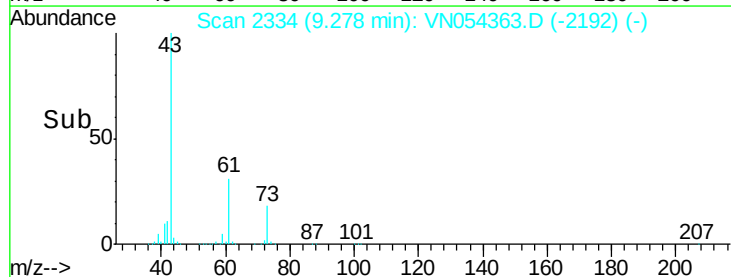
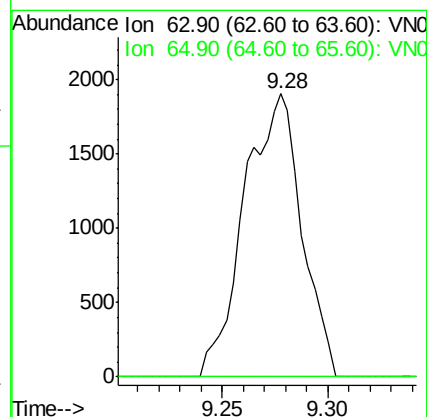
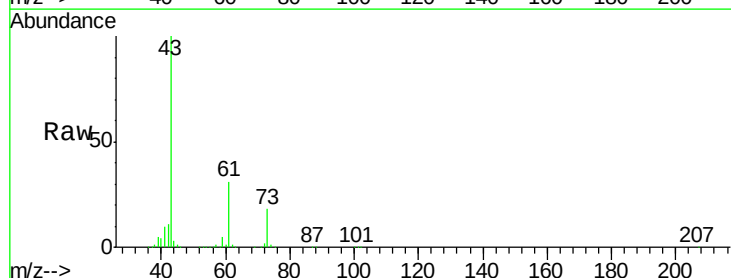
Acq: 17 Mar 2019 4:10

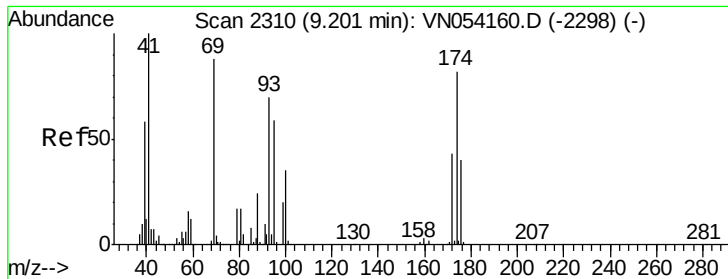
Tgt Ion: 63 Resp: 3588

Ion Ratio Lower Upper

63 100

65 0.0 25.0 37.6#

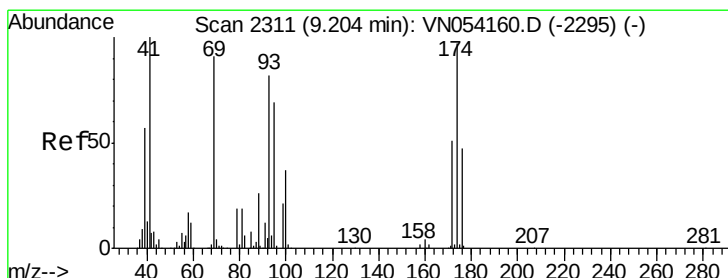
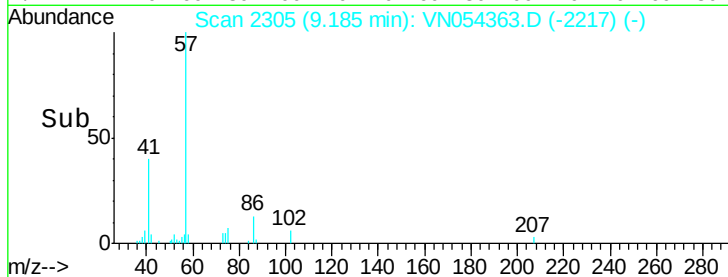
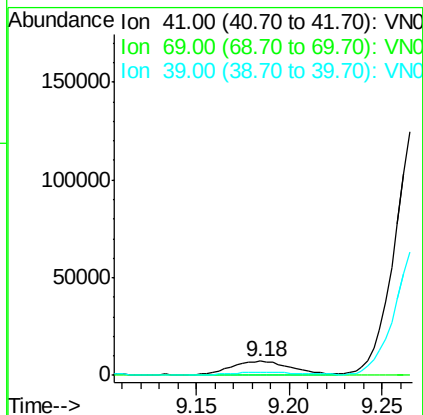
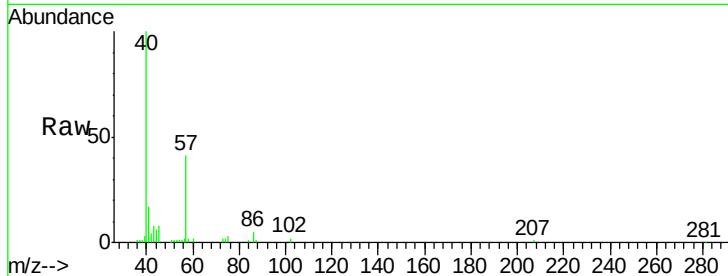




#48
Methvl methacrylate
Concen: 1.187 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.02 min
Lab File: VN054363.D
Acq: 17 Mar 2019 4:10

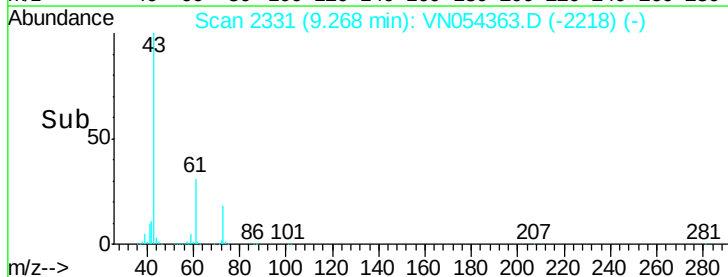
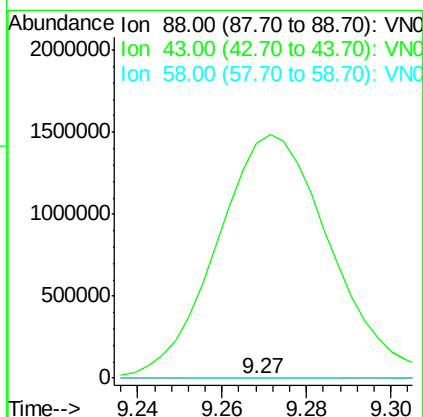
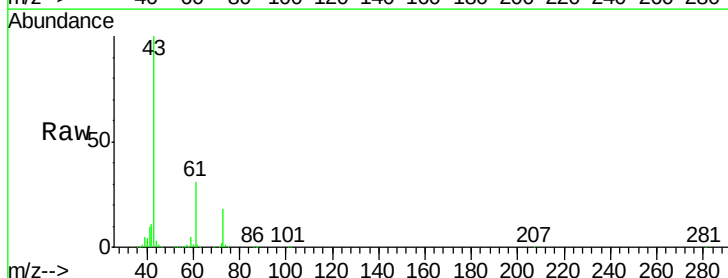
Instrument :
MSVOA_N
ClientSampleId :
TP-7

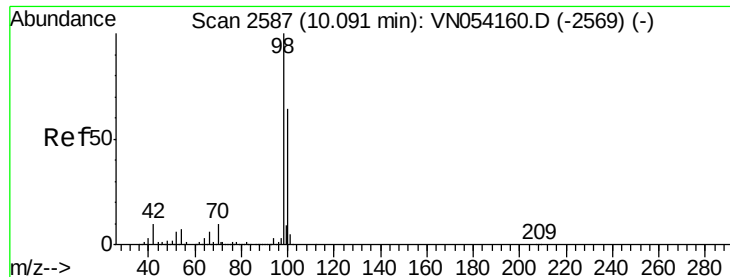
Tot Ion: 41 Resp: 15177
Ion Ratio Lower Upper
41 100
69 0.4 72.6 108.8#
39 0.0 47.5 71.3#



#49
1,4-Dioxane
Concen: 2.328 ug/l
RT: 9.27 min Scan# 2331
Delta R.T. 0.06 min
Lab File: VN054363.D
Acq: 17 Mar 2019 4:10

Tgt Ion: 88 Resp: 421
Ion Ratio Lower Upper
88 100
43 694030.9 24.1 36.1#
58 2936.6 50.8 76.2#

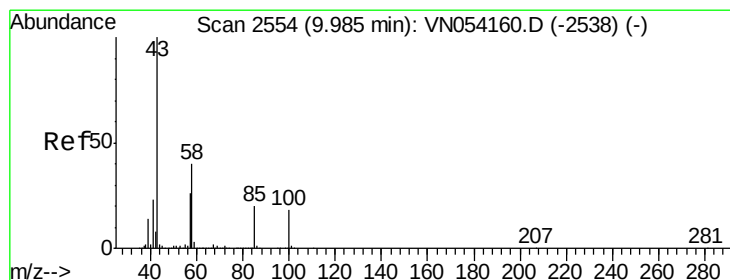
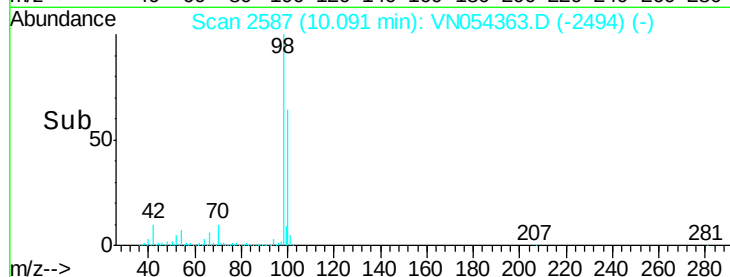
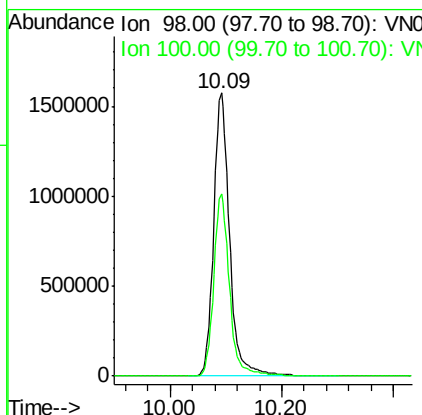
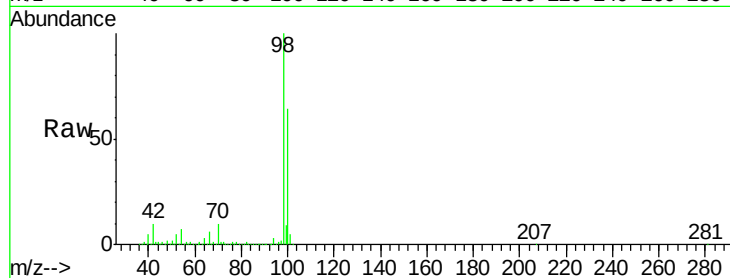




#50
Toluene-d8
Concen: 48.245 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN054363.D
Acq: 17 Mar 2019 4:10

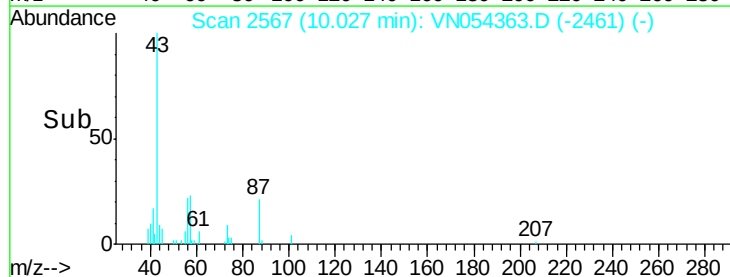
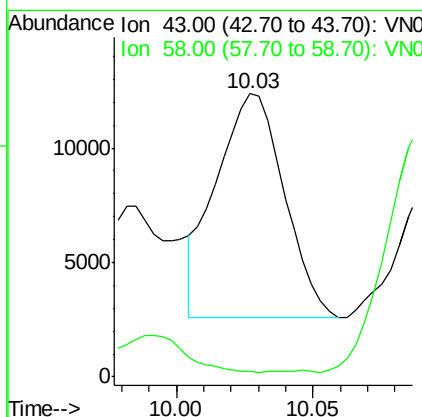
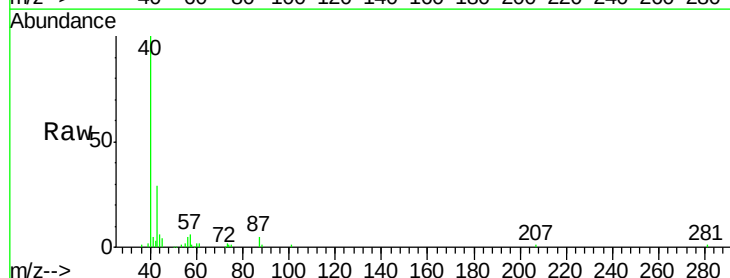
Instrument :
MSVOA_N
ClientSampleId :
TP-7

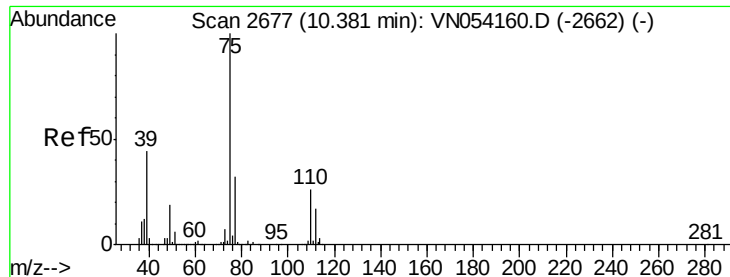
Tot Ion: 98 Resp: 3116823
Ion Ratio Lower Upper
98 100
100 64.0 51.2 76.8



#51
4-Methyl-2-Pentanone
Concen: 1.268 ug/l
RT: 10.03 min Scan# 2567
Delta R.T. 0.04 min
Lab File: VN054363.D
Acq: 17 Mar 2019 4:10

Tgt Ion: 43 Resp: 16901
Ion Ratio Lower Upper
43 100
58 0.0 31.8 47.6#





#53

t-1,3-Dichloropropene

Concen: 1.991 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. -0.01 min

Lab File: VN054363.D

Acq: 17 Mar 2019 4:10

Instrument :

MSVOA_N

ClientSampled :

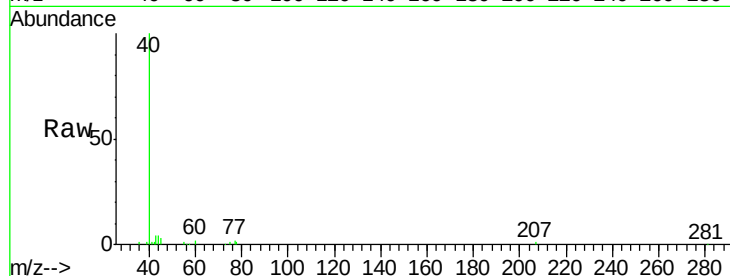
TP-7

Tot Ion: 75 Resp: 150

Ion Ratio Lower Upper

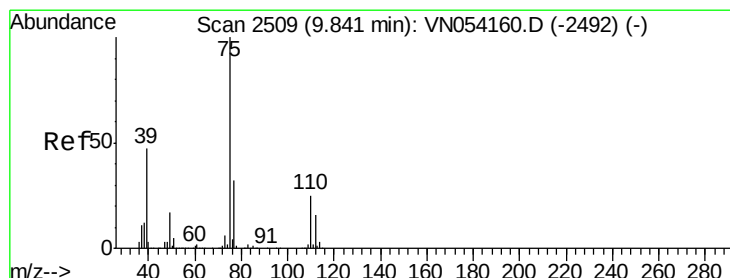
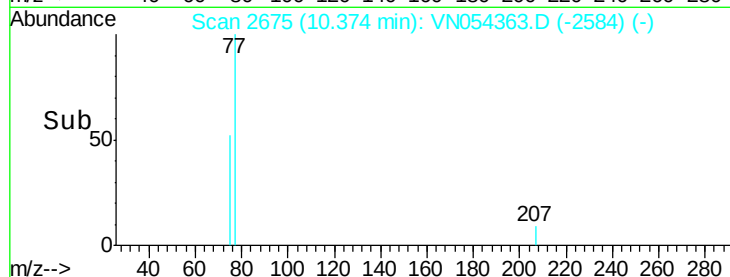
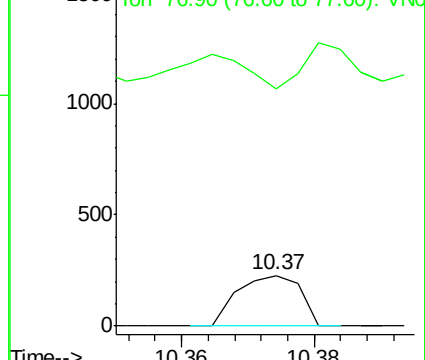
75 100

77 0.0 25.8 38.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 4.872 ug/l

RT: 9.91 min Scan# 2530

Delta R.T. 0.07 min

Lab File: VN054363.D

Acq: 17 Mar 2019 4:10

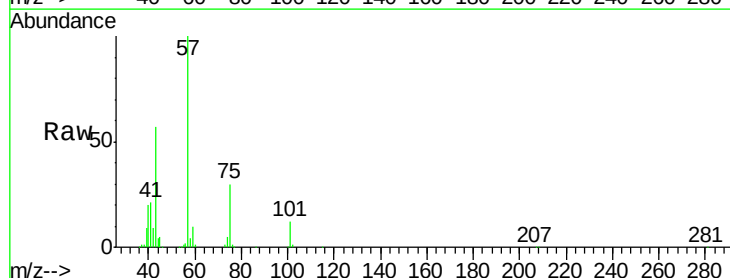
Tgt Ion: 75 Resp: 136497

Ion Ratio Lower Upper

75 100

77 0.4 25.4 38.0#

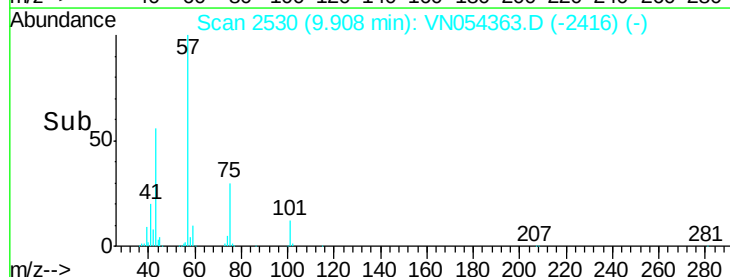
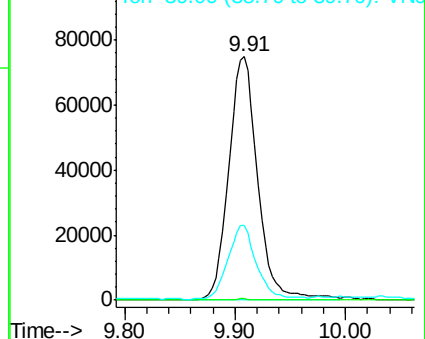
39 30.5 37.2 55.8#

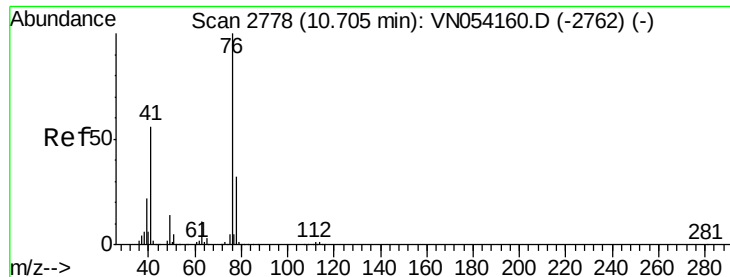


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 0.993 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN054363.D

Acq: 17 Mar 2019 4:10

Instrument :

MSVOA_N

ClientSampled :

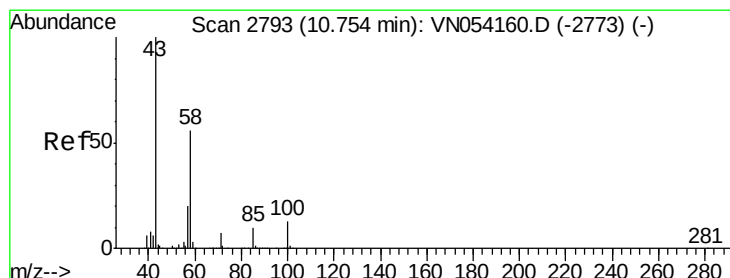
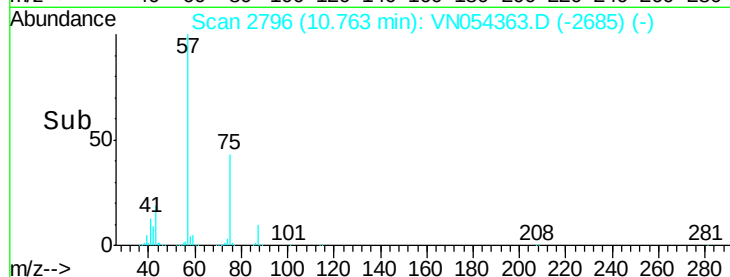
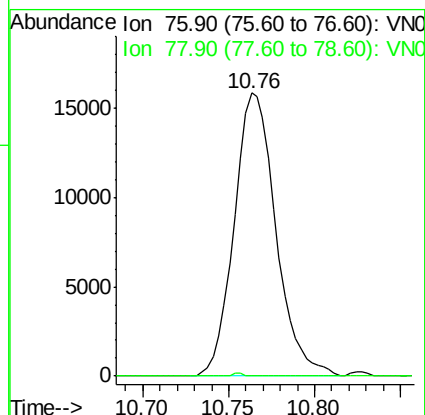
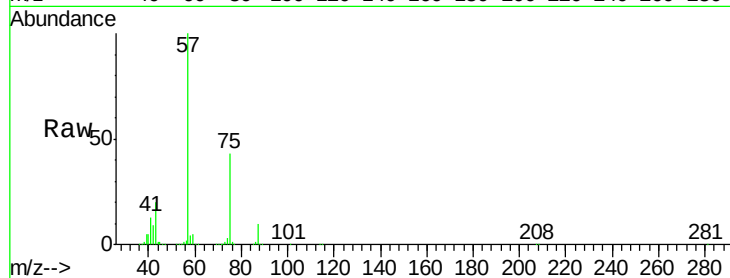
TP-7

Tot Ion: 76 Resp: 26866

Ion Ratio Lower Upper

76 100

78 0.2 25.7 38.5#



#59

2-Hexanone

Concen: 39.760 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.01 min

Lab File: VN054363.D

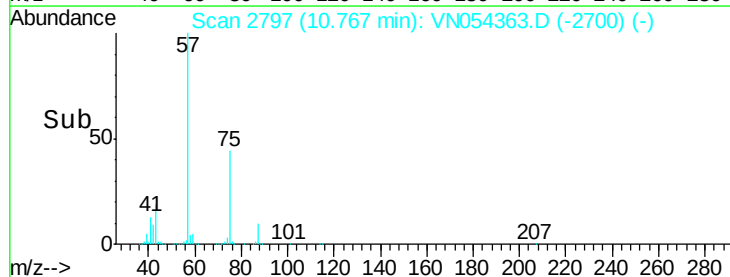
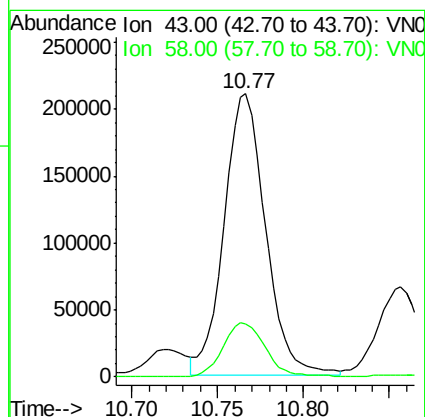
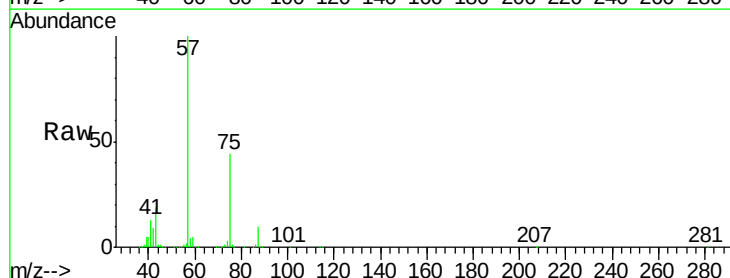
Acq: 17 Mar 2019 4:10

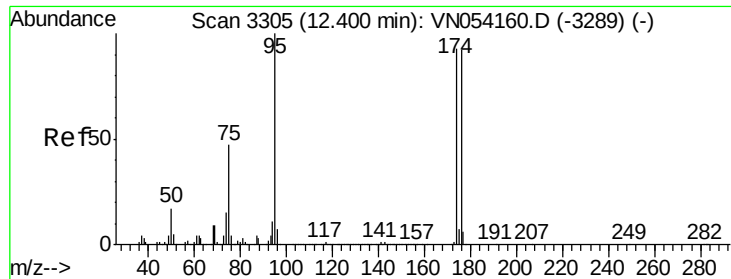
Tgt Ion: 43 Resp: 352700

Ion Ratio Lower Upper

43 100

58 19.8 28.0 83.9#





#62

4-Bromofluorobenzene

Concen: 41.163 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054363.D

Acq: 17 Mar 2019 4:10

Instrument :

MSVOA_N

ClientSampleId :

TP-7

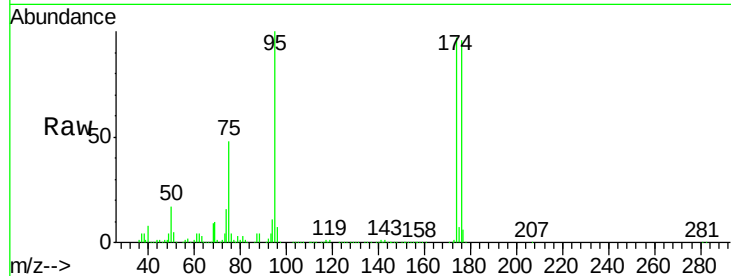
Tot Ion: 95 Resp: 930499

Ion Ratio Lower Upper

95 100

174 96.5 0.0 191.0

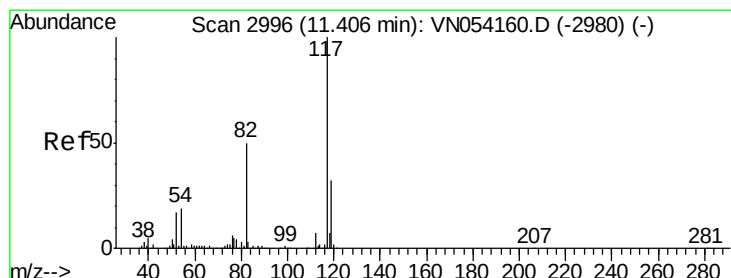
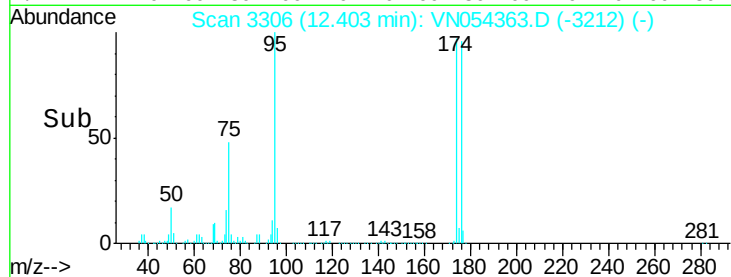
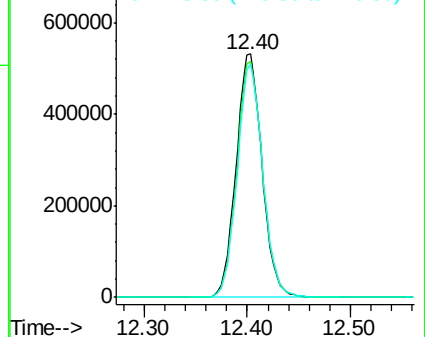
176 94.5 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054363.D

Acq: 17 Mar 2019 4:10

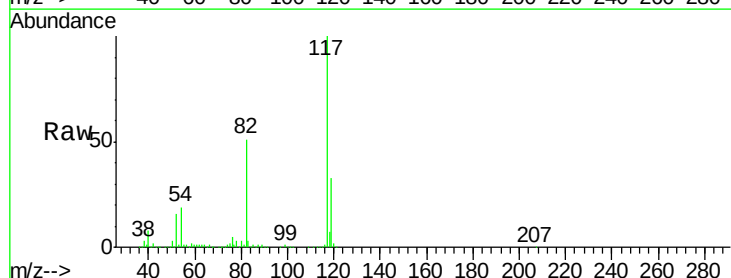
Tgt Ion: 117 Resp: 2257349

Ion Ratio Lower Upper

117 100

82 51.2 40.0 60.0

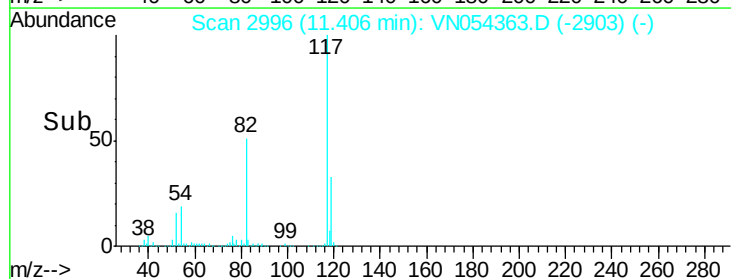
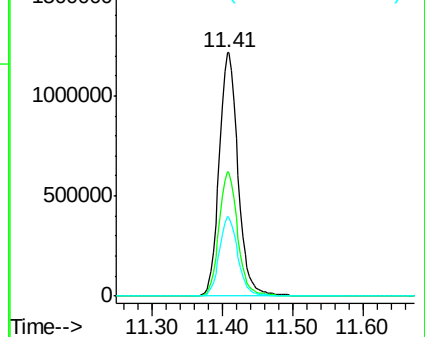
119 32.6 25.8 38.6

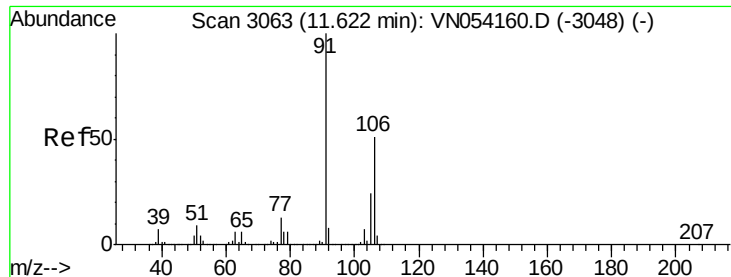


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#68

m/p-Xvlenes

Concen: 0.243 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. -0.01 min

Lab File: VN054363.D

Acq: 17 Mar 2019 4:10

Instrument :

MSVOA_N

ClientSampled :

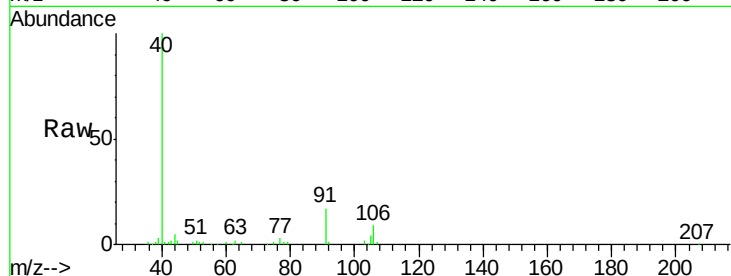
TP-7

Tot Ion:106 Resp: 7816

Ion Ratio Lower Upper

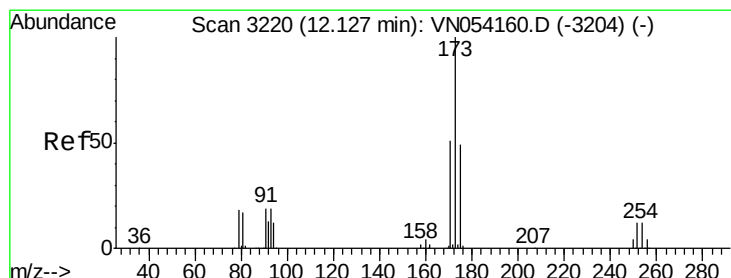
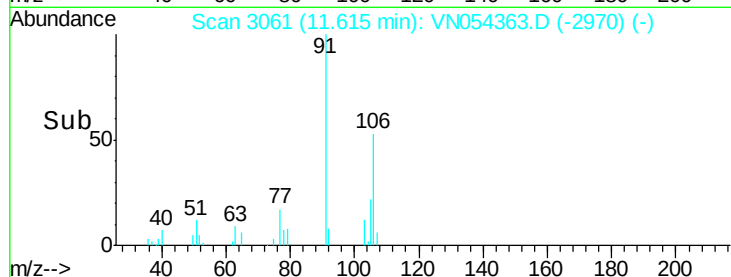
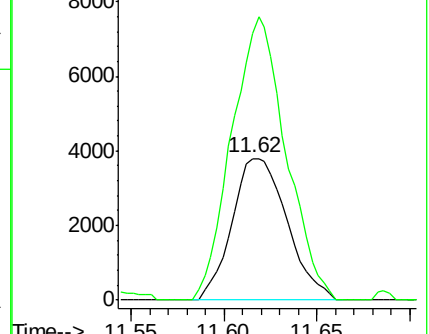
106 100

91 197.1 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#71

Bromoform

Concen: 2.782 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN054363.D

Acq: 17 Mar 2019 4:10

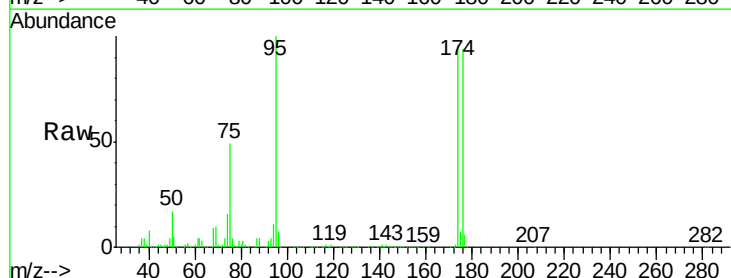
Tgt Ion:173 Resp: 6215

Ion Ratio Lower Upper

173 100

175 896.3 24.4 73.2#

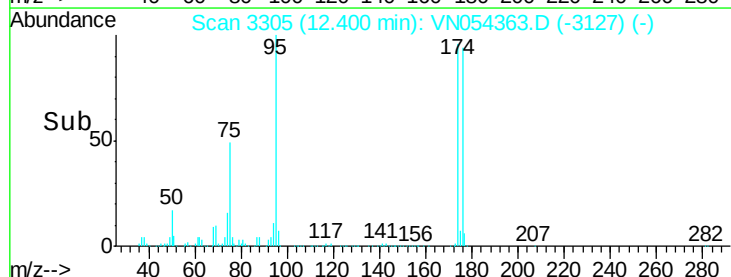
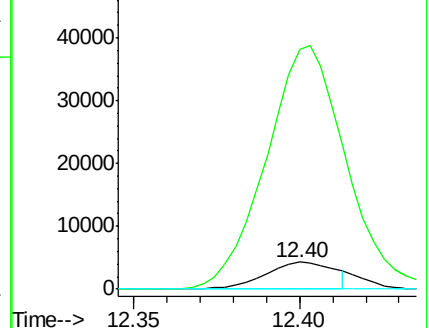
254 0.0 0.1 0.1#

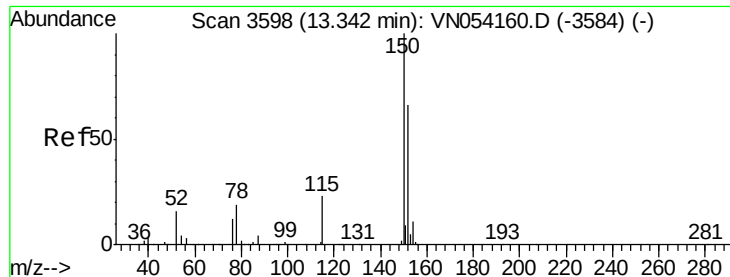


Abundance Ion 172.70 (172.40 to 173.40): V

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: VN054363.D

Acq: 17 Mar 2019 4:10

Instrument :

MSVOA_N

ClientSampleId :

TP-7

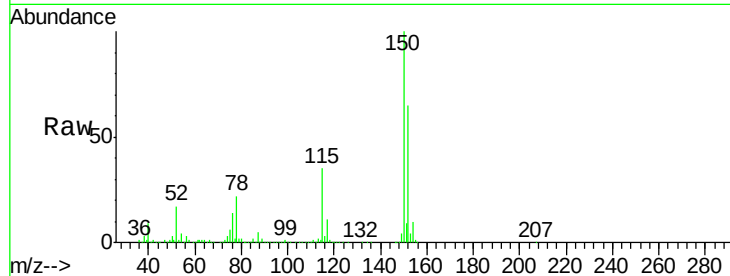
Tot Ion:152 Resp: 868420

Ion Ratio Lower Upper

152 100

115 54.3 27.2 81.6

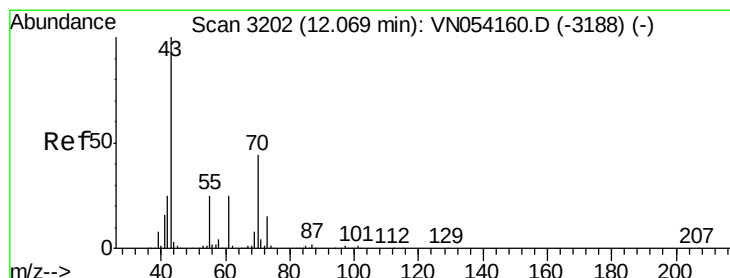
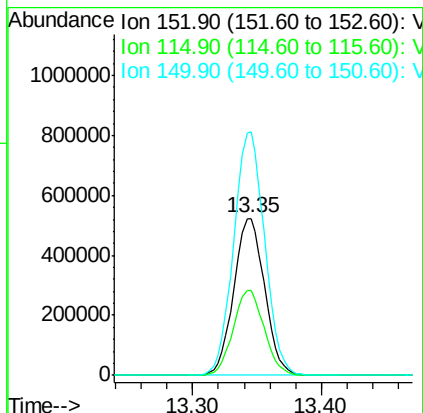
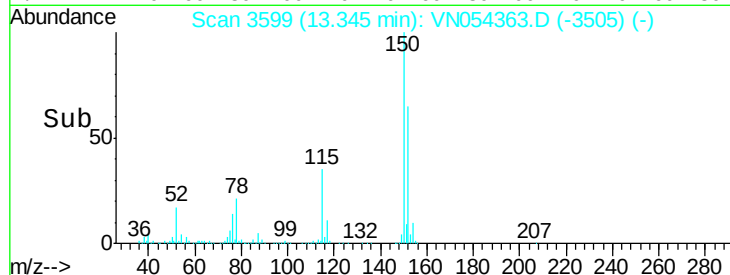
150 155.9 0.0 349.2



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-amil acetate

Concen: 2.324 ug/l

RT: 11.88 min Scan# 3143

Delta R.T. -0.19 min

Lab File: VN054363.D

Acq: 17 Mar 2019 4:10

Tgt Ion: 43 Resp: 35847

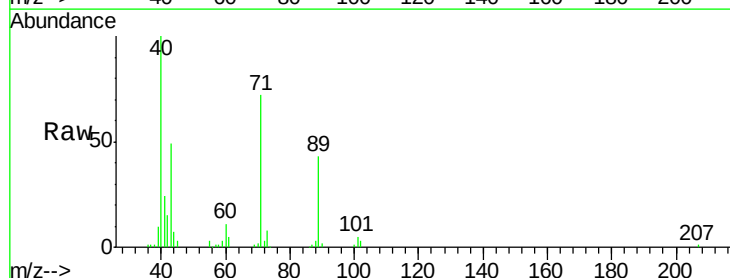
Ion Ratio Lower Upper

43 100

70 3.0 35.4 53.0#

55 5.9 19.8 29.6#

61 11.2 19.8 29.6#

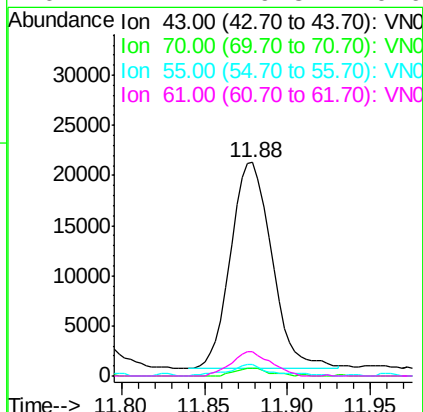
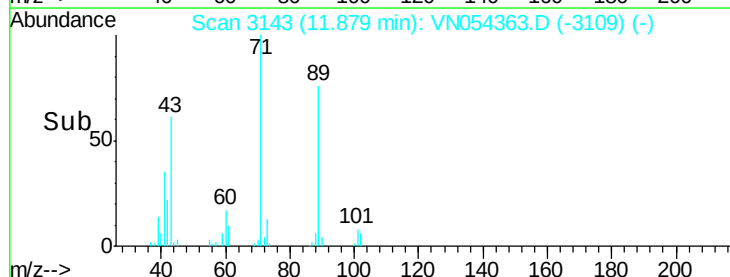


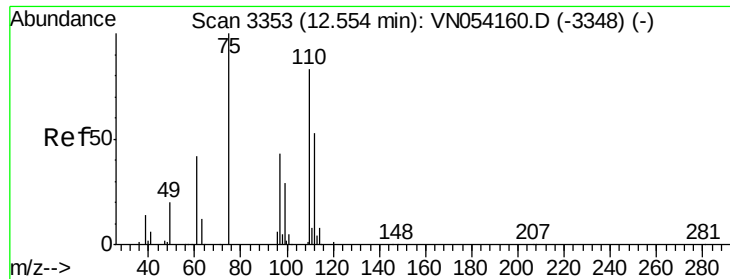
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 34.908 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054363.D

Acq: 17 Mar 2019 4:10

Instrument :

MSVOA_N

ClientSampled :

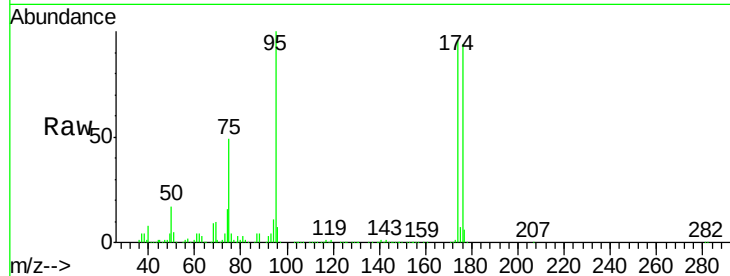
TP-7

Tot Ion: 75 Resp: 445795

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN054160.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN054160.D (-3348) (-)

12.40

250000

200000

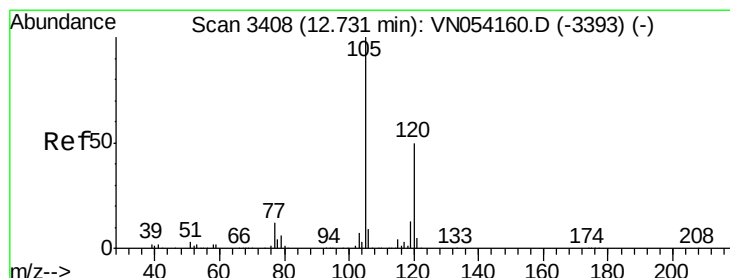
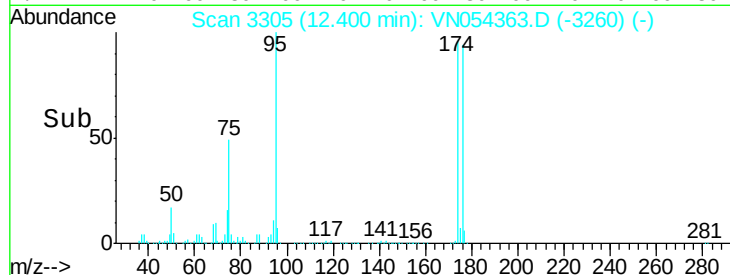
150000

100000

50000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.381 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN054363.D

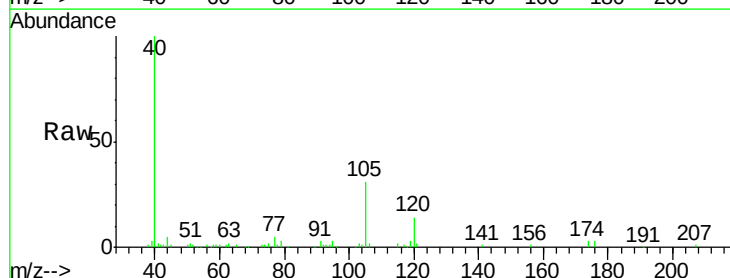
Acq: 17 Mar 2019 4:10

Tgt Ion: 105 Resp: 22009

Ion Ratio Lower Upper

105 100

120 51.0 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VN054160.D (-3393) (-)

Ion 120.00 (119.70 to 120.70): VN054160.D (-3393) (-)

12.73

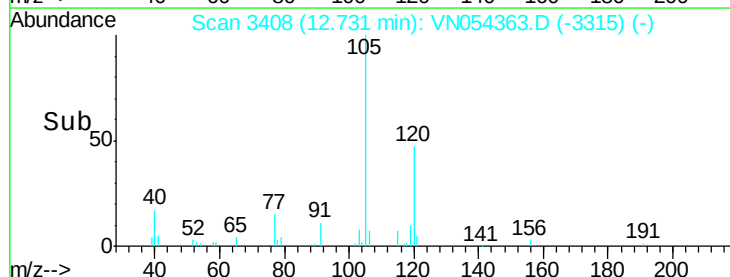
15000

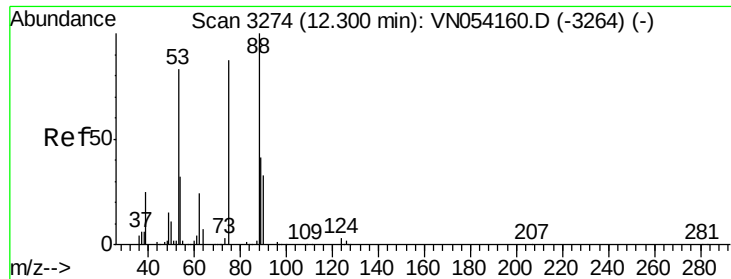
10000

5000

0

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 119.332 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054363.D

Acq: 17 Mar 2019 4:10

Instrument :

MSVOA_N

ClientSampled :

TP-7

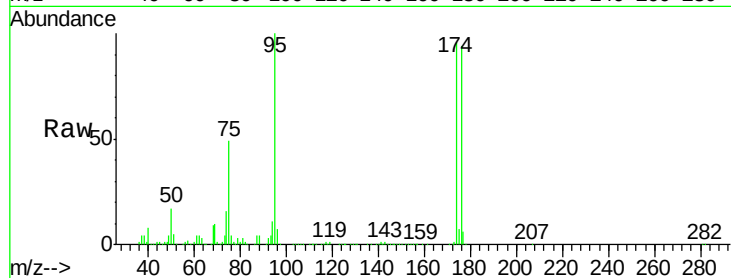
Tot Ion: 75 Resp: 445795

Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

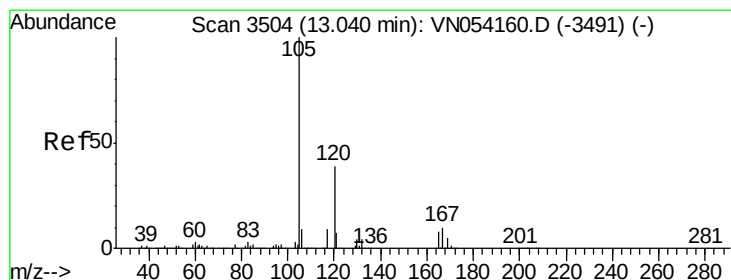
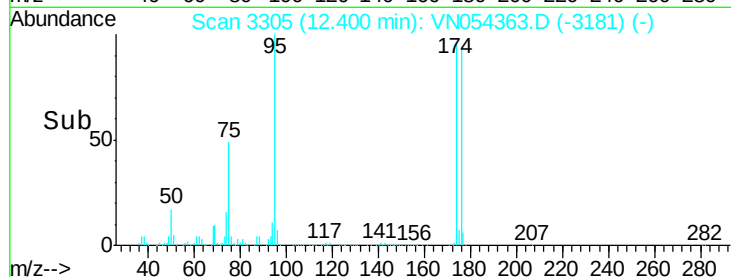
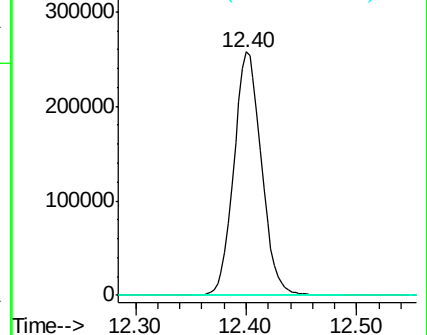
89 0.0 39.2 58.8#



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



#84

1,2,4-Trimethylbenzene

Concen: 0.610 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.00 min

Lab File: VN054363.D

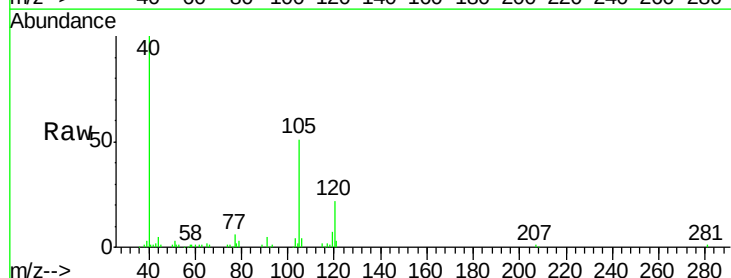
Acq: 17 Mar 2019 4:10

Tgt Ion: 105 Resp: 34592

Ion Ratio Lower Upper

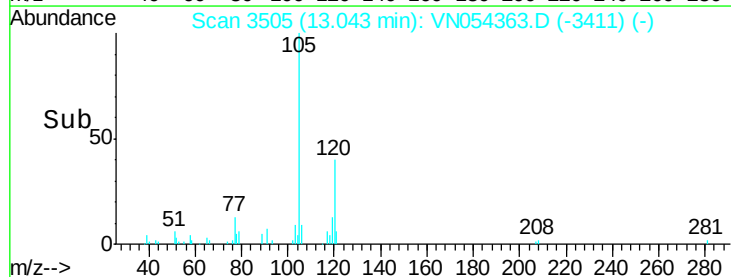
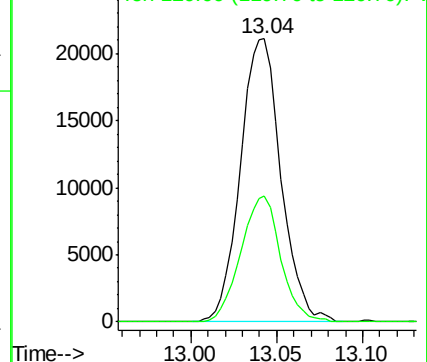
105 100

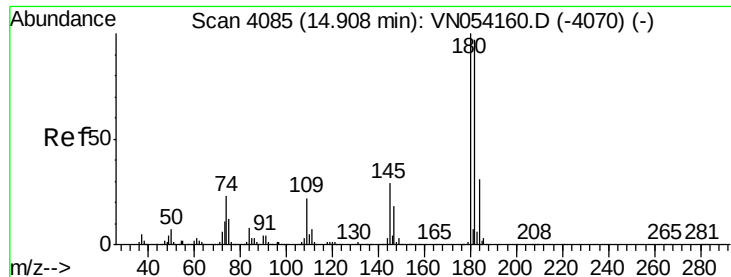
120 43.8 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

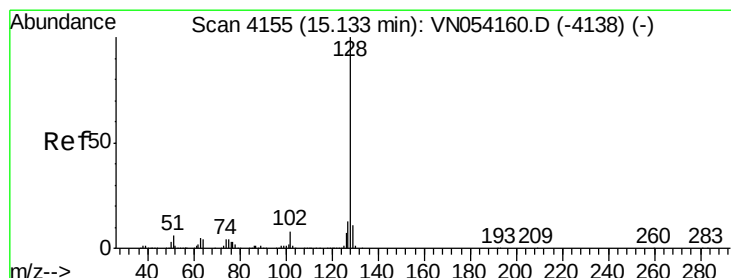
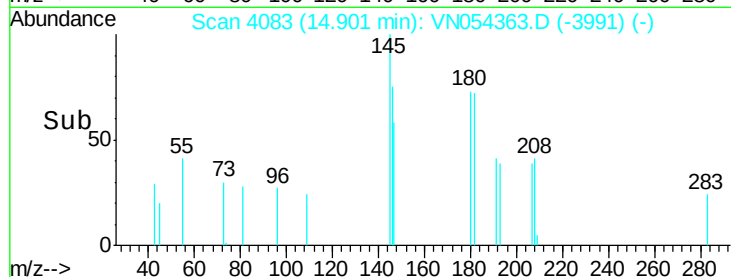
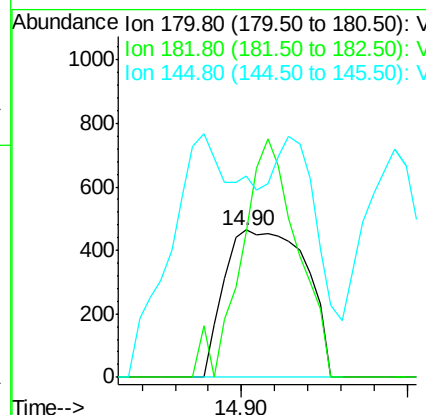
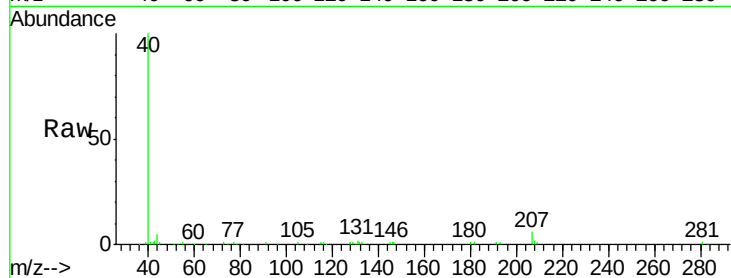




#93
 1,2,4-Trichlorobenzene
 Concen: 2.558 ug/l
 RT: 14.90 min Scan# 4083
 Delta R.T. -0.01 min
 Lab File: VN054363.D
 Acq: 17 Mar 2019 4:10

Instrument :
 MSVOA_N
 ClientSampled :
 TP-7

Tot Ion:180 Resp: 795
 Ion Ratio Lower Upper
 180 100
 182 110.6 48.0 144.2
 145 57.6 14.2 42.8#



#95
 Naphthalene
 Concen: 7.900 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. -0.00 min
 Lab File: VN054363.D
 Acq: 17 Mar 2019 4:10

Tgt Ion:128 Resp: 181342
 Ion Ratio Lower Upper
 128 100
 127 12.8 10.1 15.1
 129 10.5 8.7 13.1

