

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031519\
 Data File : VN054328.D
 Acq On : 15 Mar 2019 23:45
 Operator : JC/SP
 Sample : K1930-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3

Quant Time: Mar 16 03:27:08 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	1236098	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2168665	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2321462	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	953064	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	700284	53.35	ug/l	0.00
Spiked Amount			Recovery	=	106.70%	
35) Dibromofluoromethane	7.59	113	675140	48.27	ug/l	0.00
Spiked Amount			Recovery	=	96.54%	
50) Toluene-d8	10.09	98	2716122	52.58	ug/l	0.00
Spiked Amount			Recovery	=	105.16%	
62) 4-Bromofluorobenzene	12.40	95	1027105	56.83	ug/l	0.00
Spiked Amount			Recovery	=	113.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	2696	0.237	ug/l	89
8) Diethyl Ether	3.42	74	4995	0.634	ug/l	90
10) Methyl Iodide	3.92	142	96	1.502	ug/l #	45
11) Tert butyl alcohol	4.82	59	412	0.458	ug/l #	70
13) Acrolein	3.60	56	275	0.322	ug/l #	37
14) Allyl chloride	4.54	41	147841	8.973	ug/l #	22
16) Acetone	3.82	43	30787	8.191	ug/l	92
18) Methyl Acetate	4.34	43	4798	0.631	ug/l #	88
20) Methylene Chloride	4.54	84	5244857	424.968	ug/l	97
25) 2-Butanone	6.85	43	1901	0.431	ug/l	97
29) Tetrahydrofuran	7.23	42	1780	0.628	ug/l #	82
30) Chloroform	7.37	83	7019	0.319	ug/l	91
31) Cyclohexane	7.66	56	19101	Below Cal	#	1
36) 1,1-Dichloropropene	7.67	75	72990	3.655	ug/l #	49
38) Carbon Tetrachloride	7.67	117	103399	4.937	ug/l #	16
43) Isopropyl Acetate	8.17	43	30535	1.516	ug/l	98
48) Methyl methacrylate	9.18	41	15930	1.558	ug/l #	11
49) 1,4-Dioxane	9.27	88	511	3.534	ug/l #	1
51) 4-Methyl-2-Pentanone	10.03	43	16350	1.534	ug/l #	36
53) t-1,3-Dichloropropene	10.38	75	31	1.987	ug/l #	1
54) cis-1,3-Dichloropropene	9.91	75	151314	6.755	ug/l #	62
57) 1,3-Dichloropropane	10.77	76	27466	1.269	ug/l #	43
59) 2-Hexanone	10.77	43	359627	50.703	ug/l #	51
68) m/p-Xylenes	11.62	106	9080	0.275	ug/l	85
71) Bromoform	12.40	173	6158	2.766	ug/l #	1
74) N-amyl acetate	11.88	43	33187	1.961	ug/l #	52
76) 1,2,3-Trichloropropane	12.40	75	482802	34.448	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	16996	0.268	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.40	75	482802	117.760	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	35196	0.566	ug/l	97
93) 1,2,4-Trichlorobenzene	14.91	180	146	2.523	ug/l #	1
95) Naphthalene	15.13	128	41497	4.394	ug/l	98

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Response via : Initial Calibration

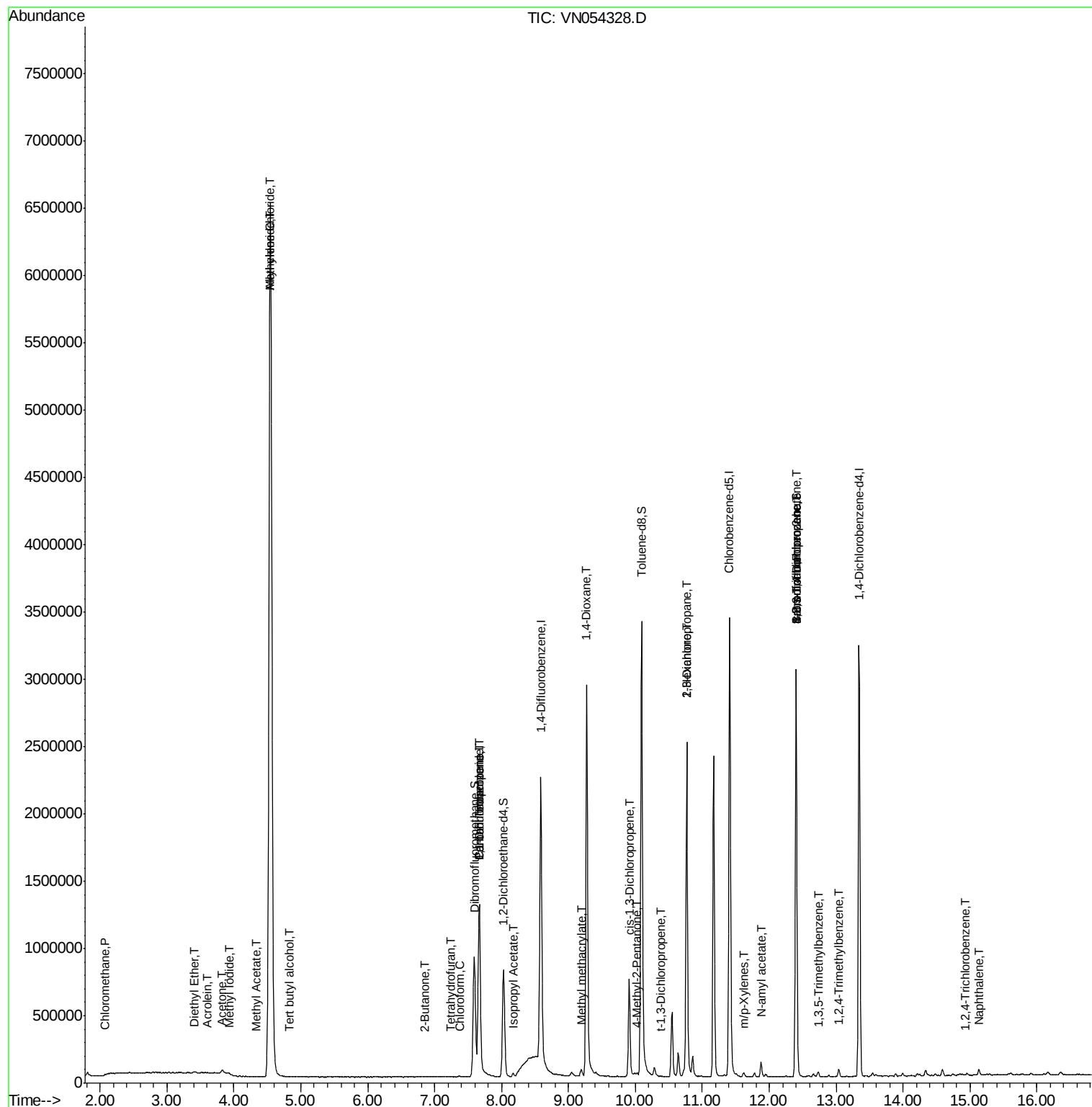
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

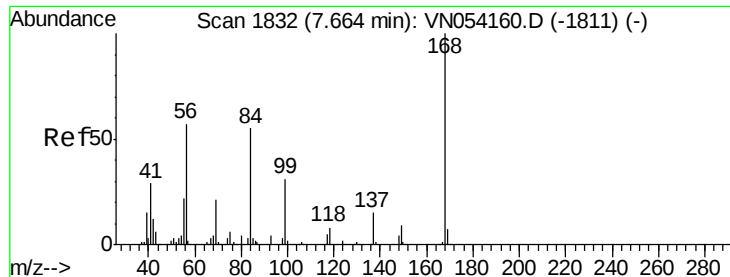
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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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: VN054328.D

Acq: 15 Mar 2019 23:45

Instrument :

MSVOA_N

ClientSampled :

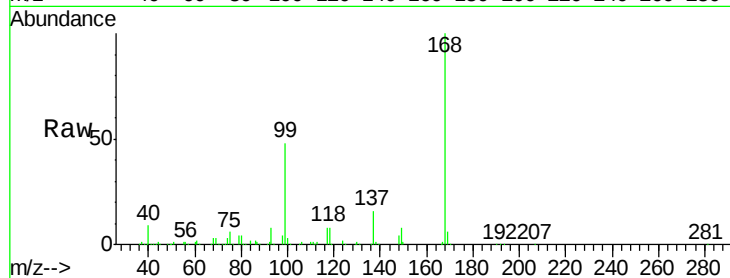
TP-3

Tot Ion:168 Resp: 1236098

Ion Ratio Lower Upper

168 100

99 47.5 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

500000

400000

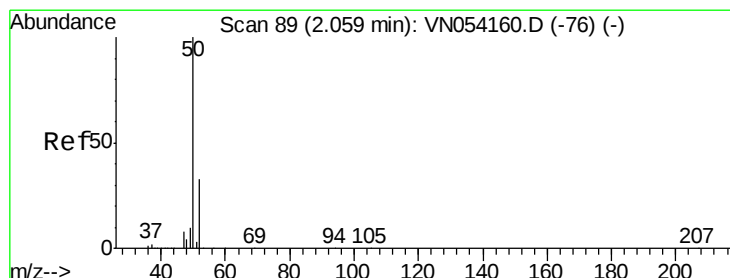
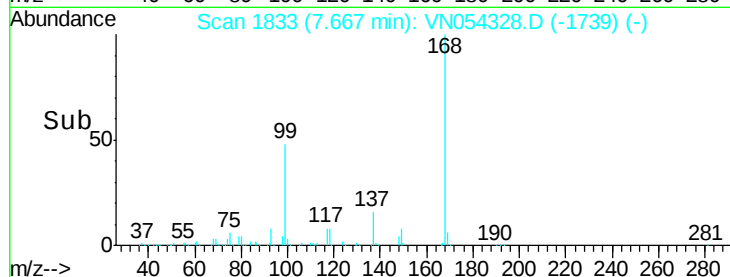
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: 0.237 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN054328.D

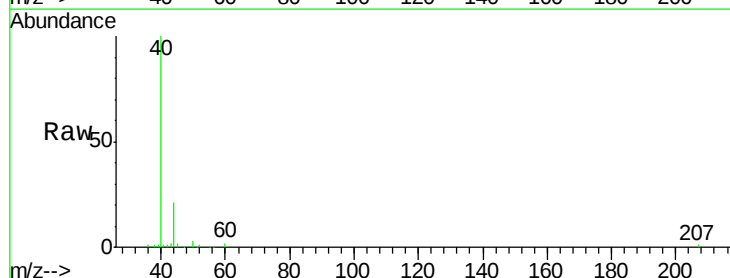
Acq: 15 Mar 2019 23:45

Tgt Ion: 50 Resp: 2696

Ion Ratio Lower Upper

50 100

52 39.2 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.06

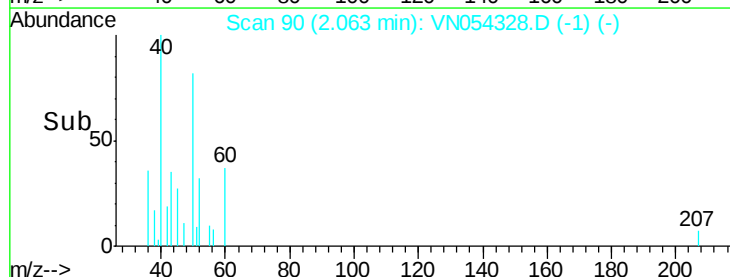
1500

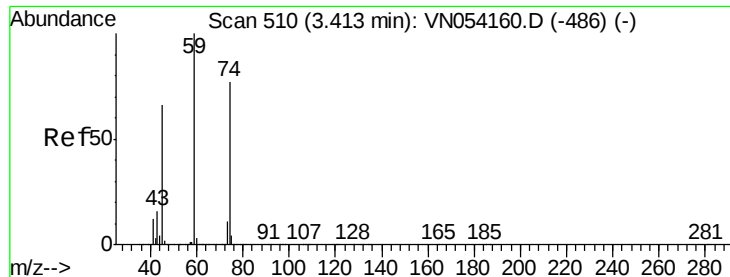
1000

500

0

Time-->





#8

Diethyl Ether

Concen: 0.634 ug/l

RT: 3.42 min Scan# 511

Delta R.T. 0.00 min

Lab File: VN054328.D

Acq: 15 Mar 2019 23:45

Instrument :

MSVOA_N

ClientSampled :

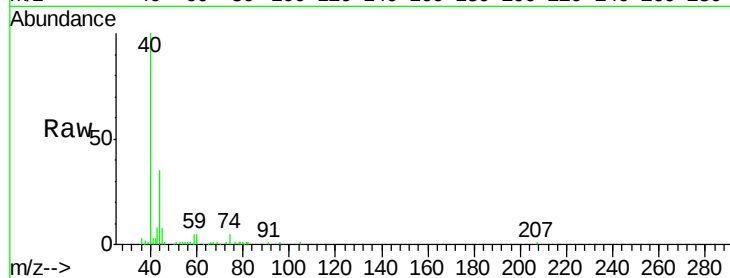
TP-3

Tot Ion: 74 Resp: 4995

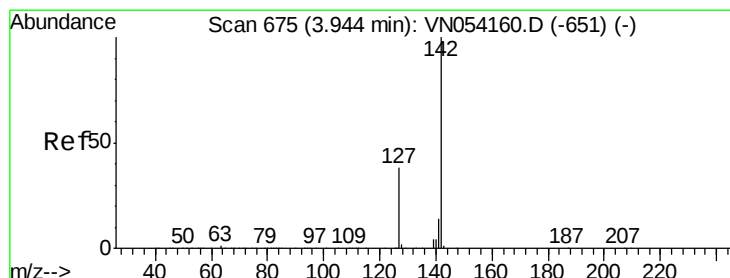
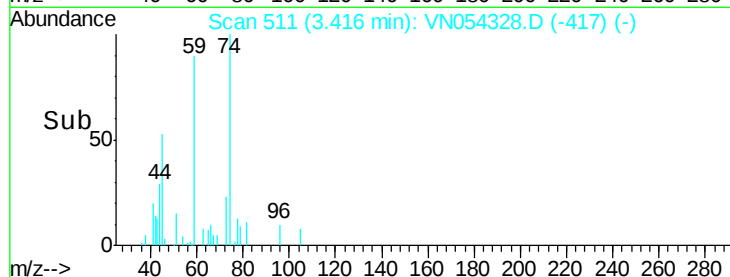
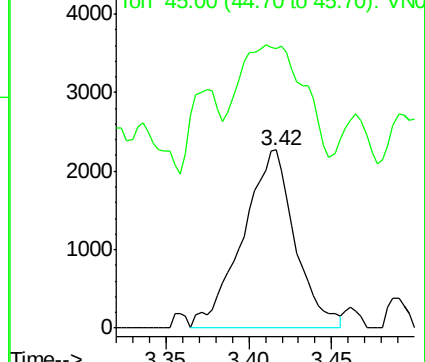
Ion Ratio Lower Upper

74 100

45 76.9 43.1 129.4



Abundance Ion 74.00 (73.70 to 74.70): VN054328.D (-417) (-)



#10

Methyl Iodide

Concen: 1.502 ug/l

RT: 3.92 min Scan# 668

Delta R.T. -0.02 min

Lab File: VN054328.D

Acq: 15 Mar 2019 23:45

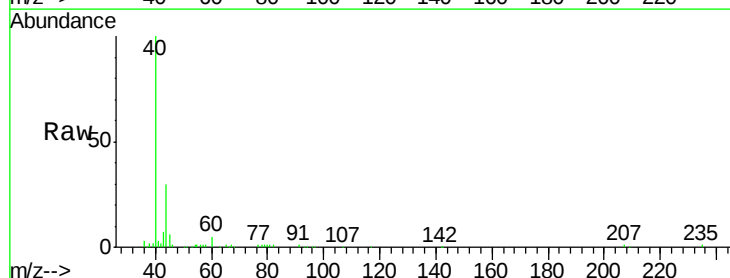
Tgt Ion: 142 Resp: 96

Ion Ratio Lower Upper

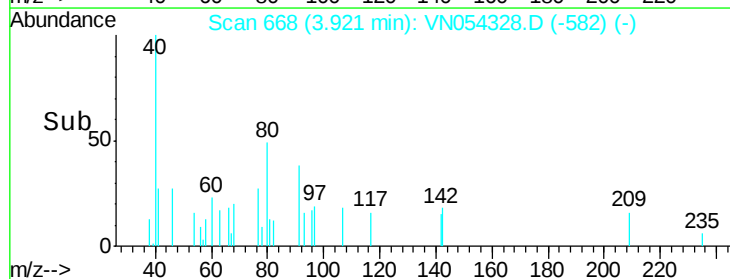
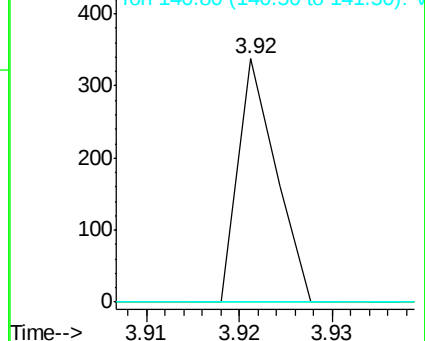
142 100

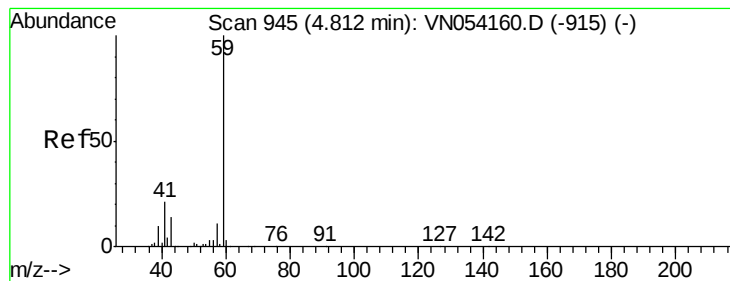
127 0.0 30.3 45.5#

141 0.0 11.2 16.8#



Abundance Ion 141.80 (141.50 to 142.50): VN054328.D (-582) (-)



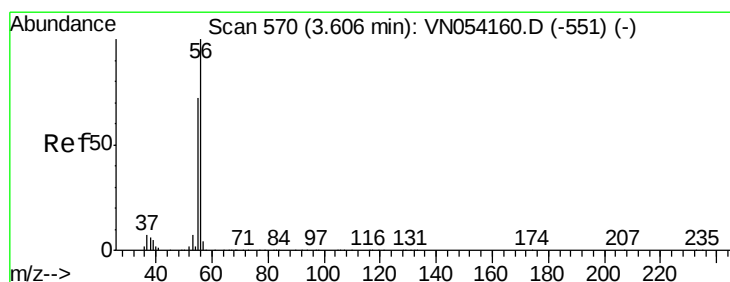
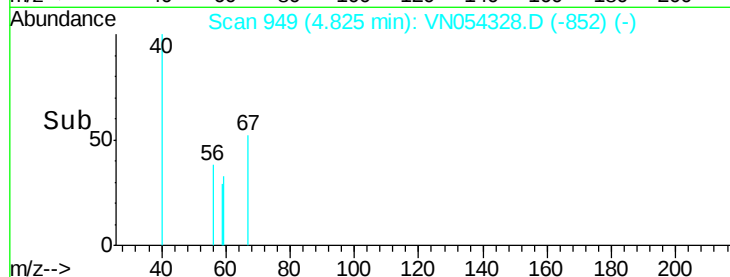
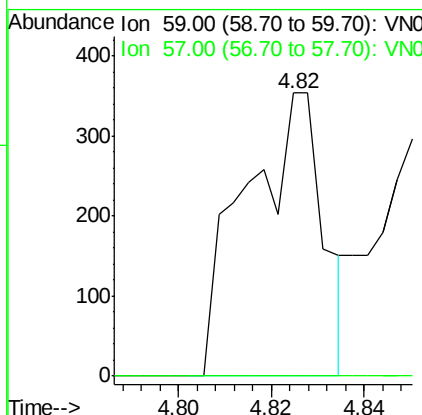
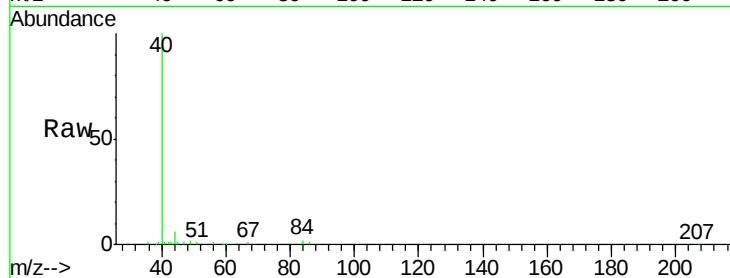


#11

Tert butyl alcohol
 Concen: 0.458 ug/l
 RT: 4.82 min Scan# 949
 Delta R.T. 0.01 min
 Lab File: VN054328.D
 Acq: 15 Mar 2019 23:45

Instrument :
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 ClientSampled :
 TP-3

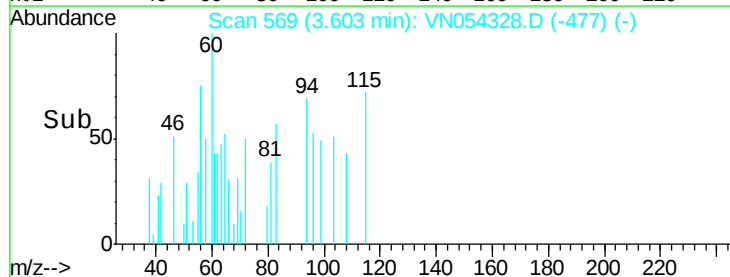
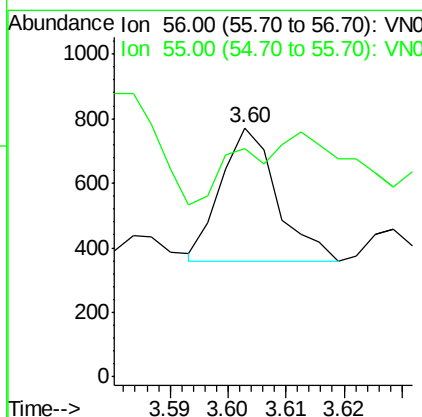
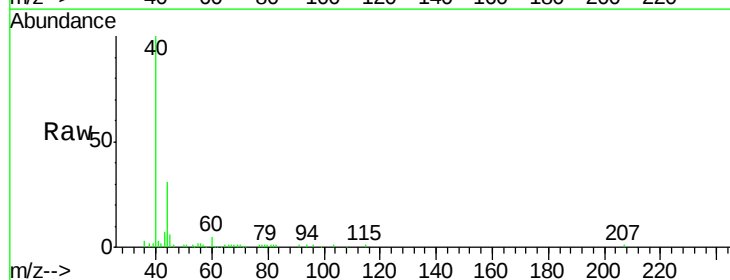
Tot Ion: 59 Resp: 412
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.0 13.6#

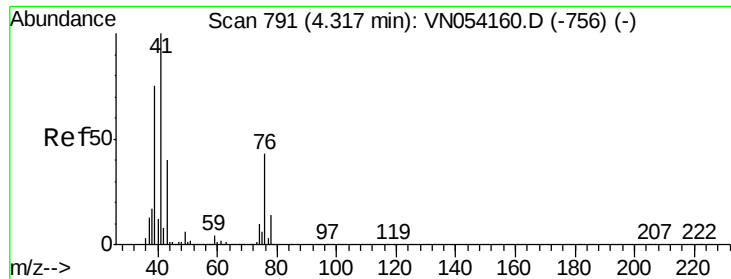


#13

Acrolein
 Concen: 0.322 ug/l
 RT: 3.60 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: VN054328.D
 Acq: 15 Mar 2019 23:45

Tgt Ion: 56 Resp: 275
 Ion Ratio Lower Upper
 56 100
 55 123.3 56.7 85.1#

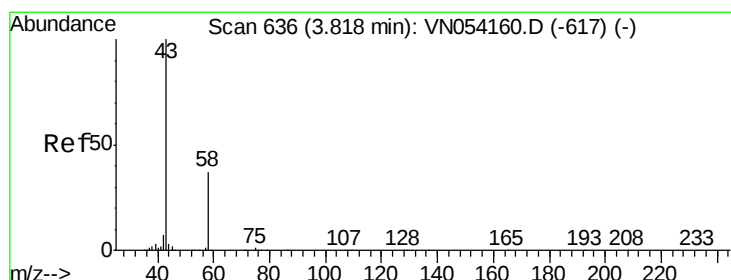
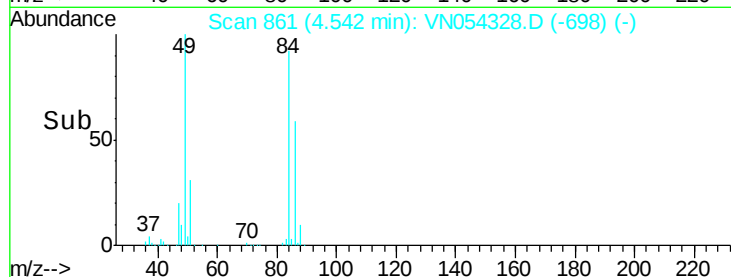
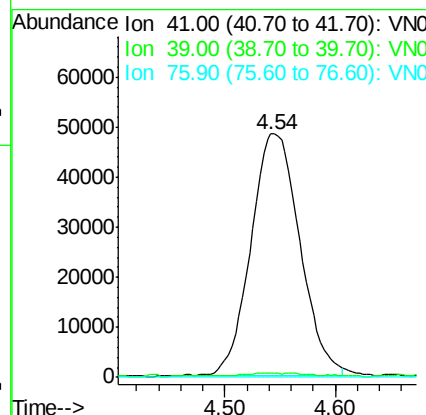
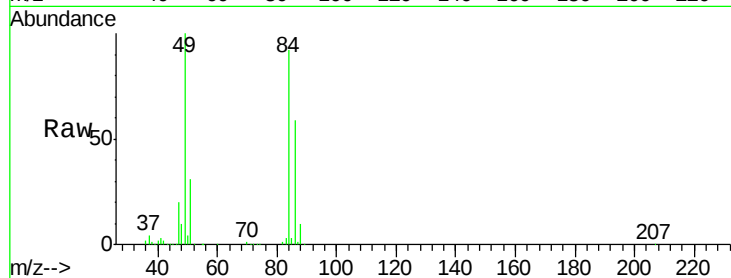




#14
Allvl chloride
Concen: 8.973 ug/l
RT: 4.54 min Scan# 861
Delta R.T. 0.23 min
Lab File: VN054328.D
Acq: 15 Mar 2019 23:45

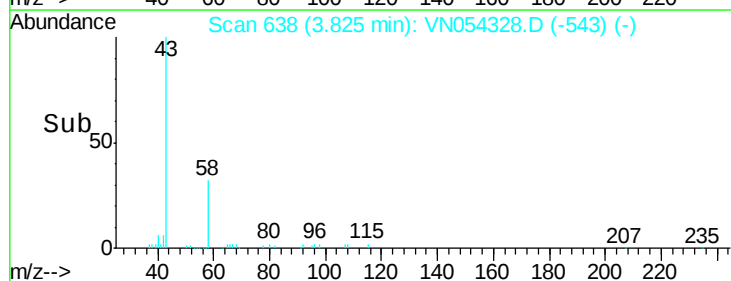
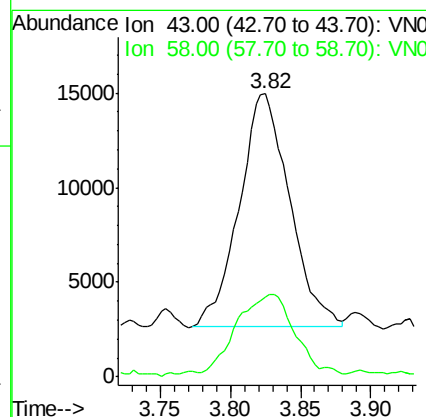
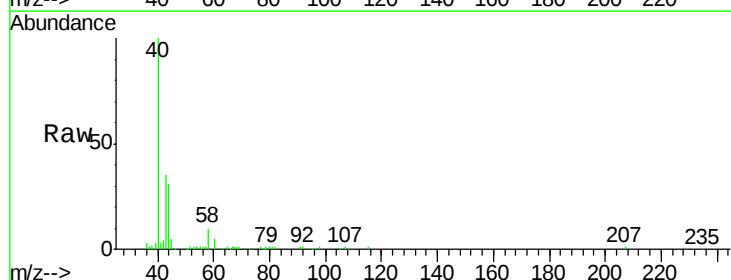
Instrument :
MSVOA_N
ClientSampled :
TP-3

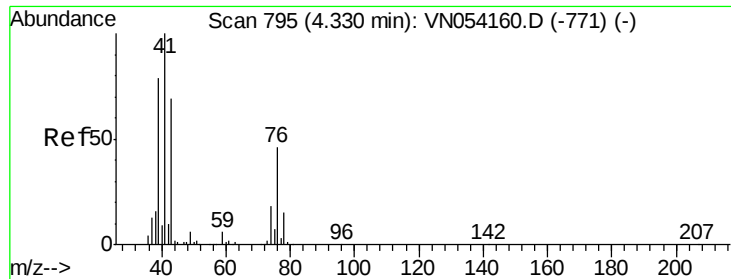
Tot Ion: 41 Resp: 147841
Ion Ratio Lower Upper
41 100
39 0.7 58.2 87.4#
76 0.0 31.7 47.5#



#16
Acetone
Concen: 8.191 ug/l
RT: 3.82 min Scan# 638
Delta R.T. 0.01 min
Lab File: VN054328.D
Acq: 15 Mar 2019 23:45

Tgt Ion: 43 Resp: 30787
Ion Ratio Lower Upper
43 100
58 32.6 29.9 44.9

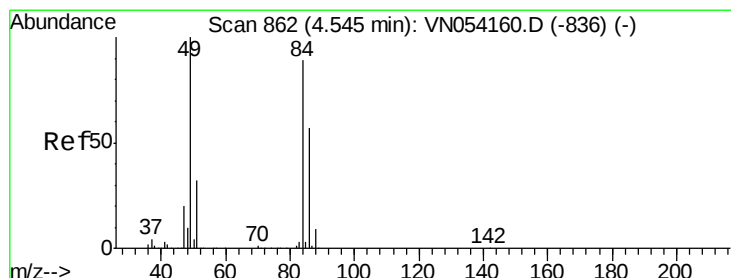
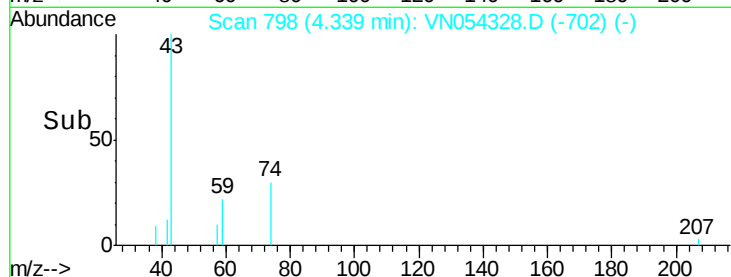
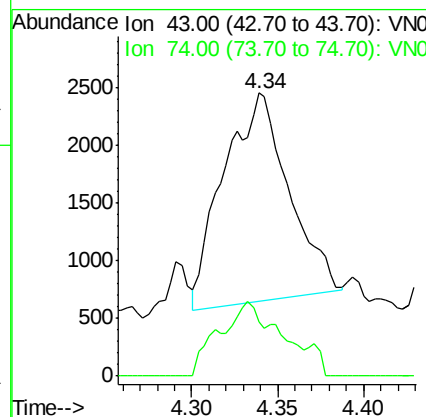
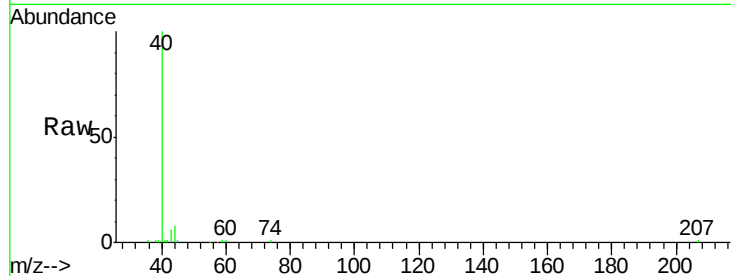




#18
Methyl Acetate
Concen: 0.631 ug/l
RT: 4.34 min Scan# 798
Delta R.T. 0.01 min
Lab File: VN054328.D
Acq: 15 Mar 2019 23:45

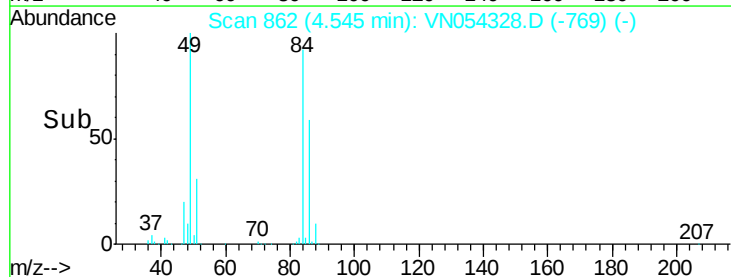
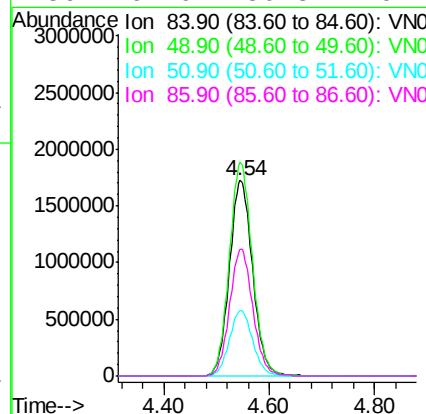
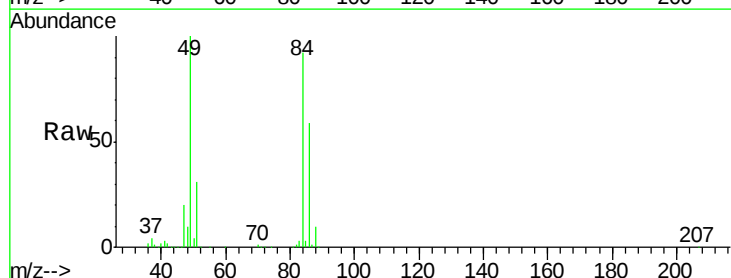
Instrument :
MSVOA_N
ClientSampled :
TP-3

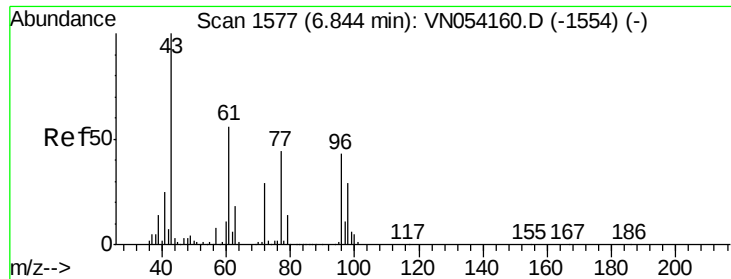
Tot Ion: 43 Resp: 4798
Ion Ratio Lower Upper
43 100
74 32.0 20.8 31.2#



#20
Methylene Chloride
Concen: 424.968 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN054328.D
Acq: 15 Mar 2019 23:45

Tgt Ion: 84 Resp: 5244857
Ion Ratio Lower Upper
84 100
49 109.2 89.7 134.5
51 33.3 28.2 42.4
86 64.9 50.8 76.2

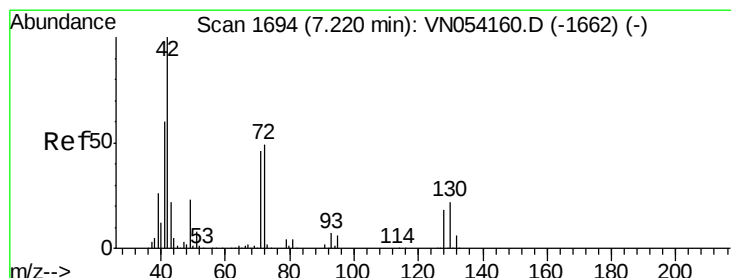
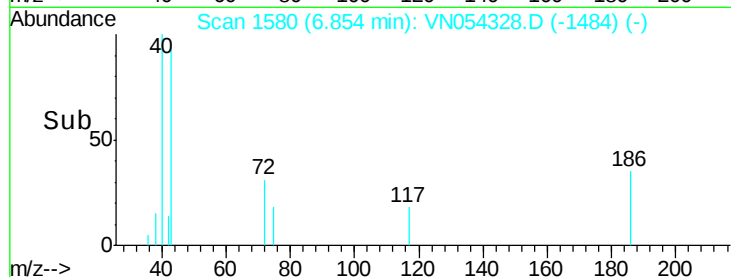
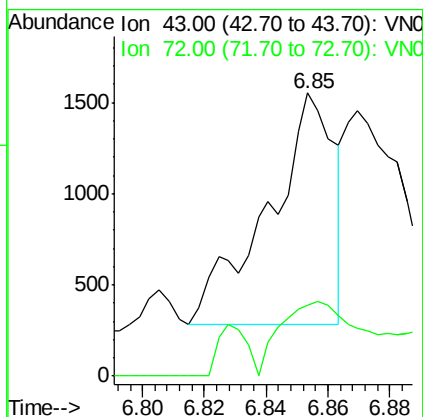
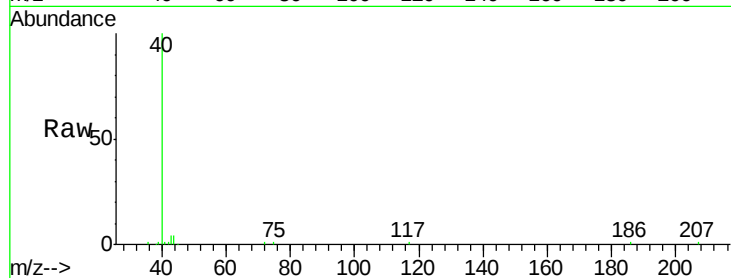




#25
2-Butanone
Concen: 0.431 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.01 min
Lab File: VN054328.D
Acq: 15 Mar 2019 23:45

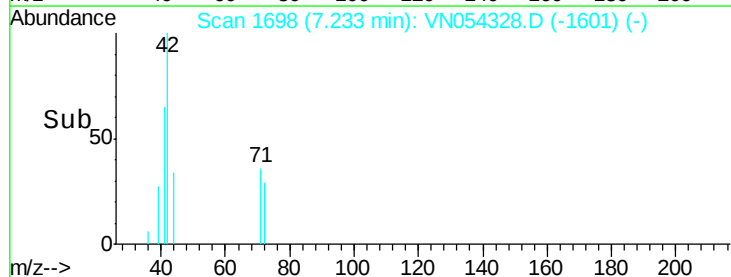
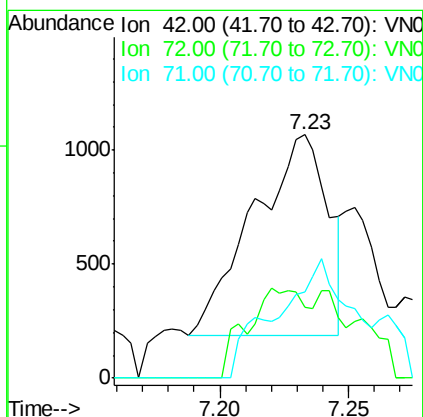
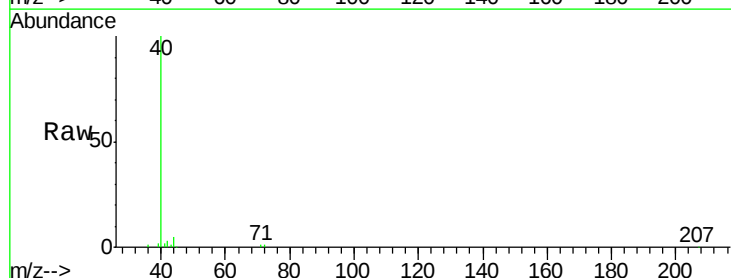
Instrument :
MSVOA_N
ClientSampled :
TP-3

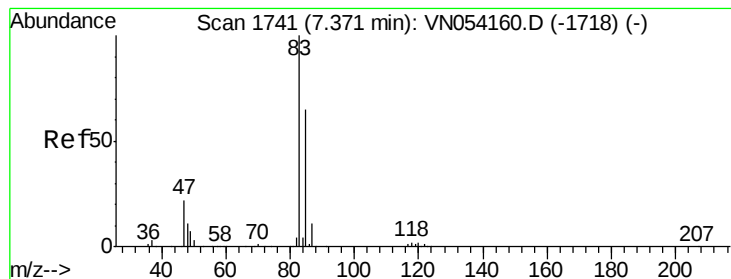
Tot Ion: 43 Resp: 1901
Ion Ratio Lower Upper
43 100
72 30.6 23.0 34.6



#29
Tetrahydrofuran
Concen: 0.628 ug/l
RT: 7.23 min Scan# 1698
Delta R.T. 0.01 min
Lab File: VN054328.D
Acq: 15 Mar 2019 23:45

Tgt Ion: 42 Resp: 1780
Ion Ratio Lower Upper
42 100
72 36.5 37.8 56.6#
71 57.8 36.2 54.2#





#30

Chloroform

Concen: 0.319 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VN054328.D

Acq: 15 Mar 2019 23:45

Instrument :

MSVOA_N

ClientSampleId :

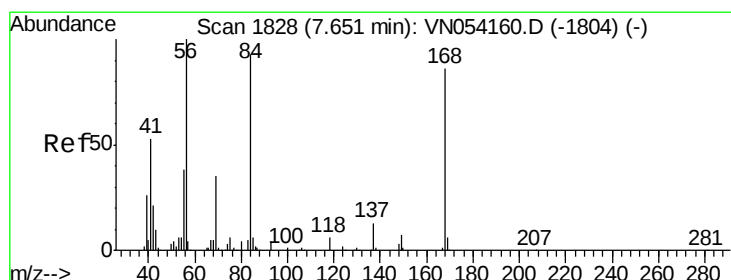
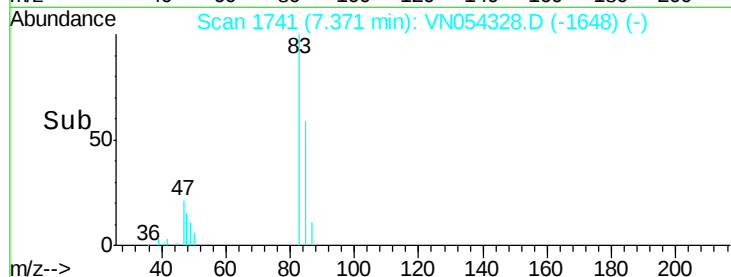
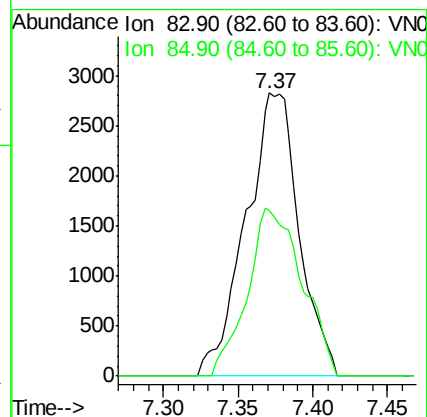
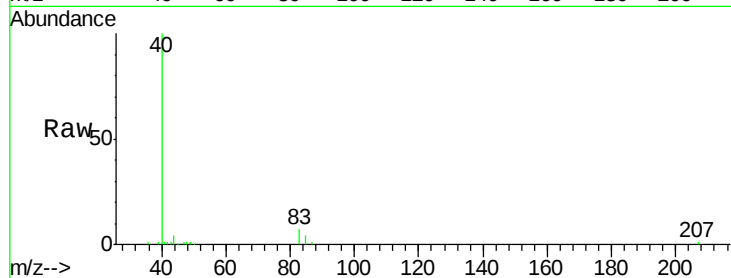
TP-3

Tot Ion: 83 Resp: 7019

Ion Ratio Lower Upper

83 100

85 58.6 52.2 78.4



#31

Cyclohexane

Concen: Below Cal

RT: 7.66 min Scan# 1831

Delta R.T. 0.01 min

Lab File: VN054328.D

Acq: 15 Mar 2019 23:45

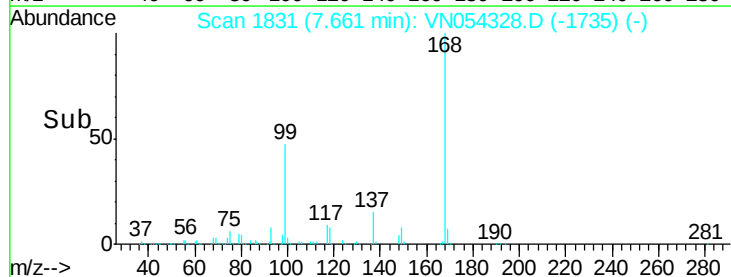
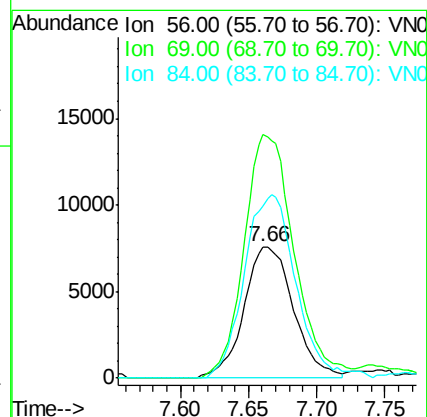
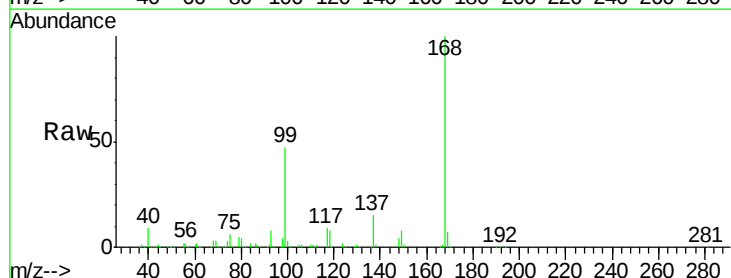
Tgt Ion: 56 Resp: 19101

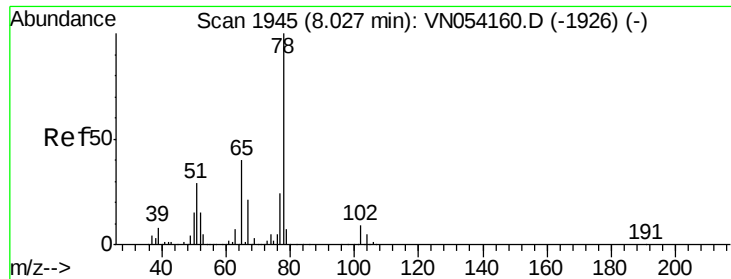
Ion Ratio Lower Upper

56 100

69 185.3 27.8 41.6#

84 131.1 74.6 111.8#

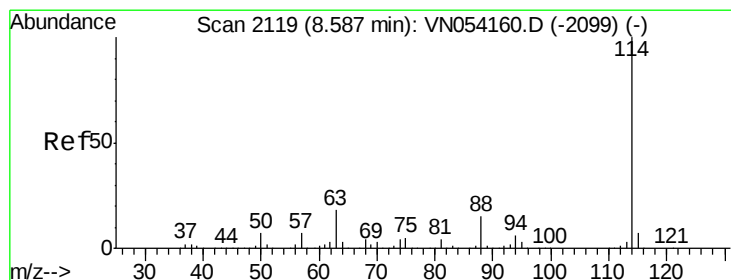
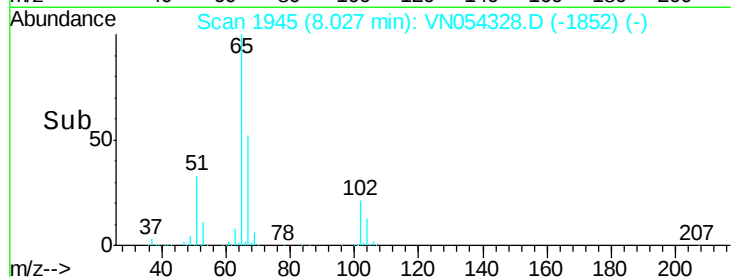
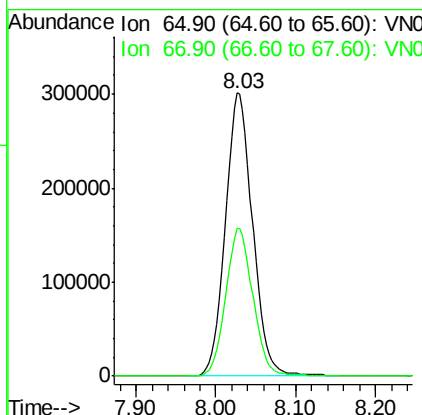
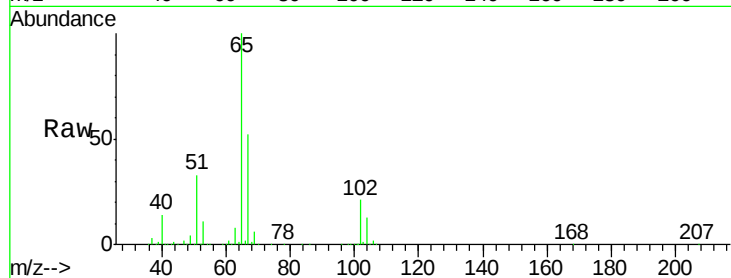




#33
 1,2-Dichloroethane-d4
 Concen: 53.345 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054328.D
 Acq: 15 Mar 2019 23:45

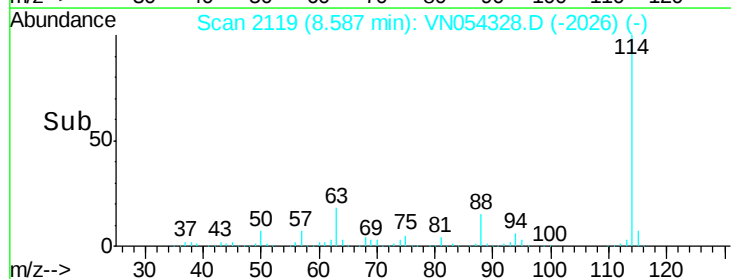
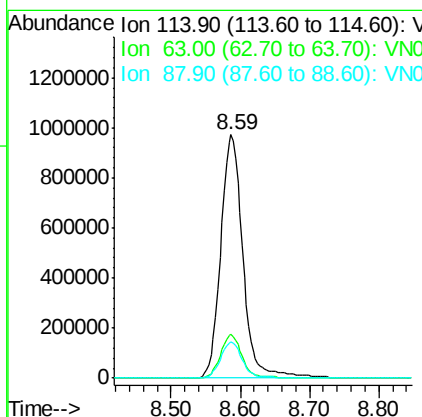
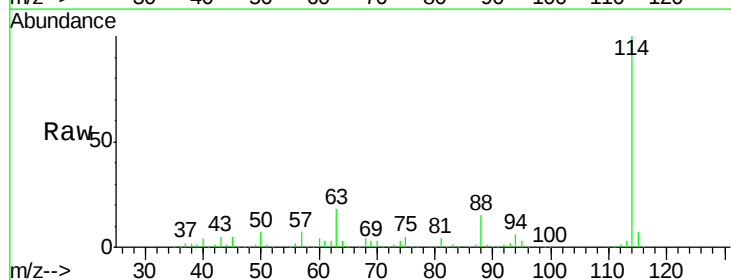
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3

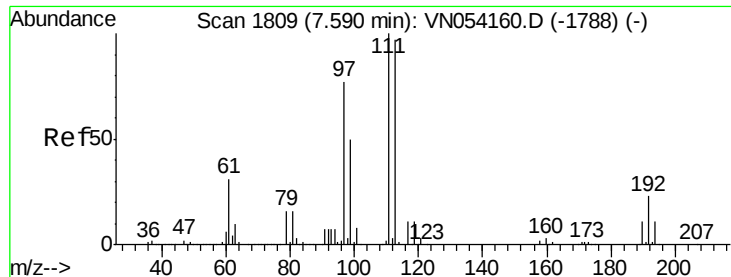
Tot Ion: 65 Resp: 700284
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054328.D
 Acq: 15 Mar 2019 23:45

Tgt Ion: 114 Resp: 2168665
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 35.2
 88 14.9 0.0 30.2

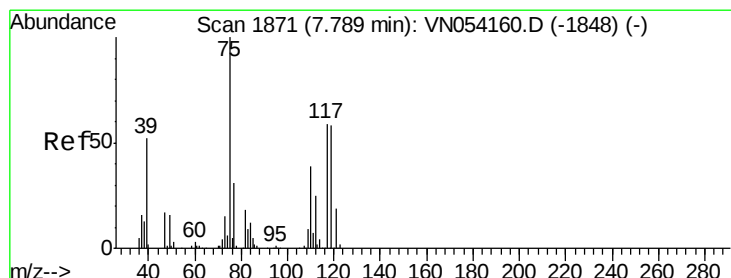
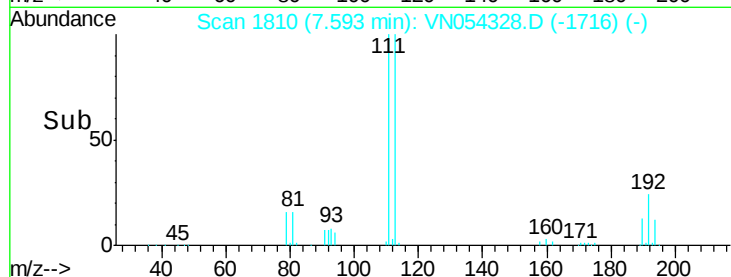
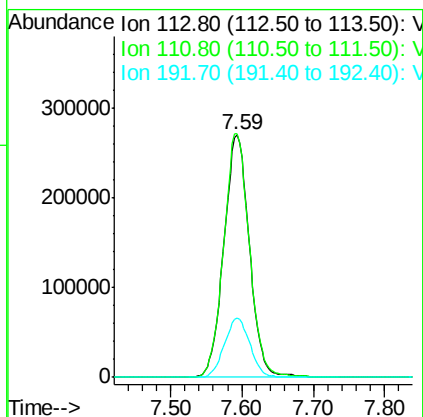
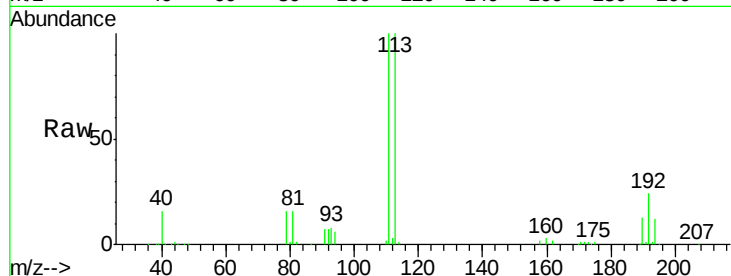




#35
 Dibromofluoromethane
 Concen: 48.269 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054328.D
 Acq: 15 Mar 2019 23:45

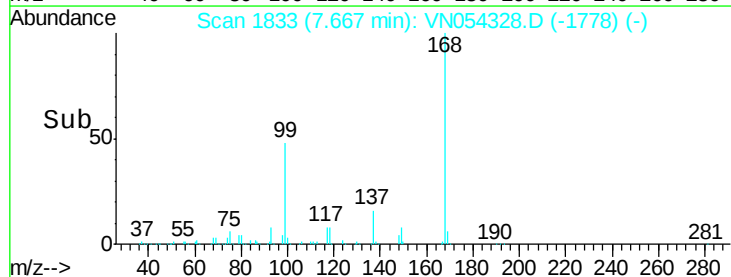
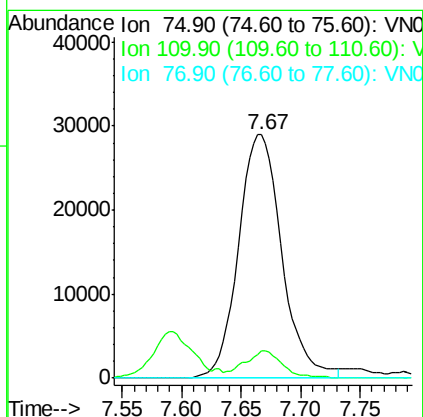
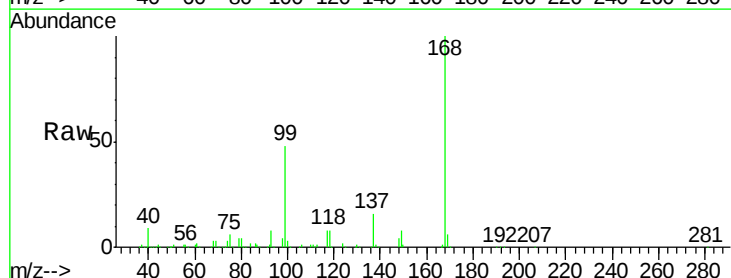
Instrument :
 MSVOA_N
 ClientSampled :
 TP-3

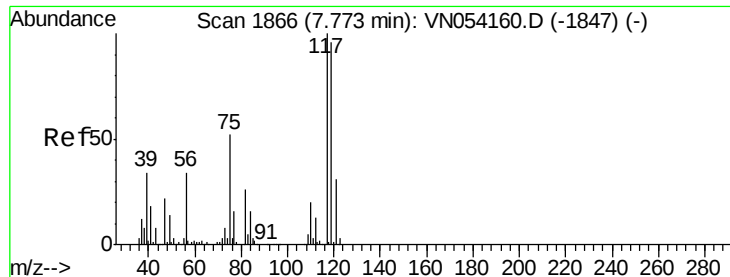
Tot Ion:113 Resp: 675140
 Ion Ratio Lower Upper
 113 100
 111 100.8 82.2 123.4
 192 24.5 19.2 28.8



#36
 1,1-Dichloropropene
 Concen: 3.655 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.12 min
 Lab File: VN054328.D
 Acq: 15 Mar 2019 23:45

Tgt Ion: 75 Resp: 72990
 Ion Ratio Lower Upper
 75 100
 110 9.7 19.1 57.5#
 77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 4.937 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN054328.D

Acq: 15 Mar 2019 23:45

Instrument :

MSVOA_N

ClientSampled :

TP-3

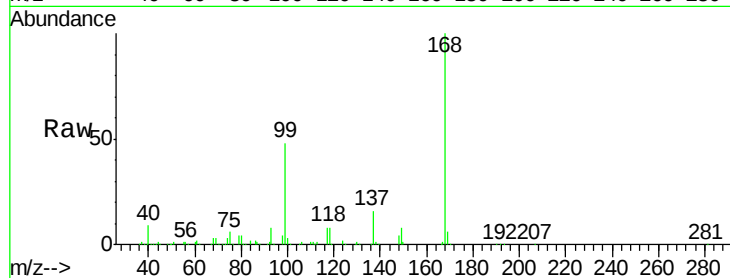
Tot Ion:117 Resp: 103399

Ion Ratio Lower Upper

117 100

119 5.2 76.3 114.5#

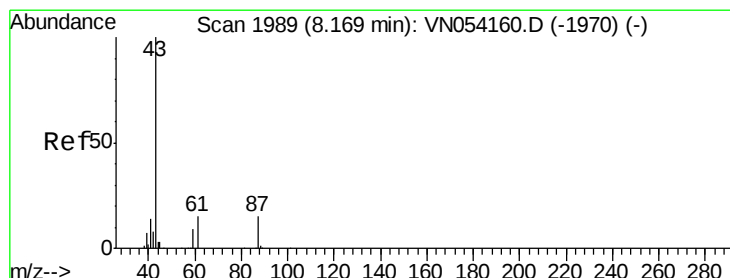
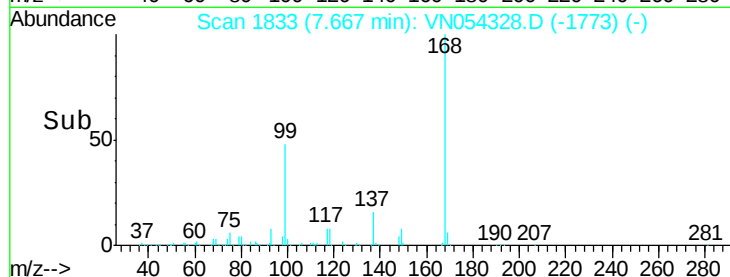
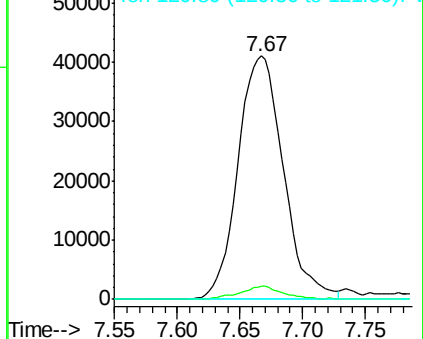
121 0.0 24.6 36.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 1.516 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054328.D

Acq: 15 Mar 2019 23:45

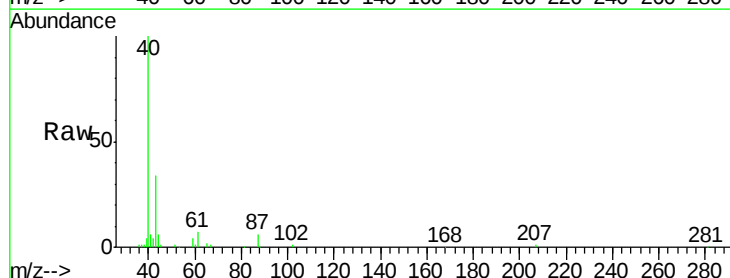
Tgt Ion: 43 Resp: 30535

Ion Ratio Lower Upper

43 100

61 20.8 15.8 23.8

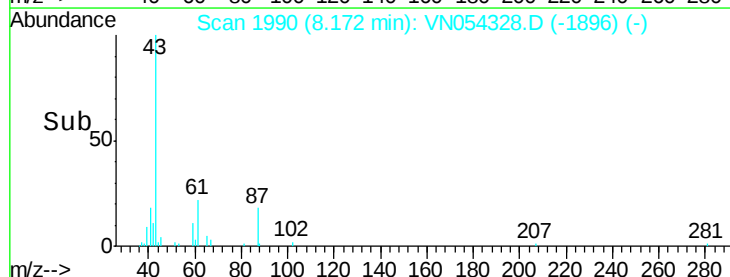
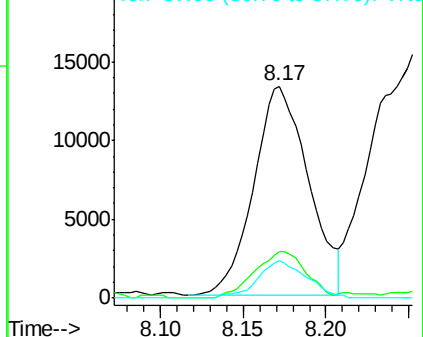
87 15.9 12.0 18.0

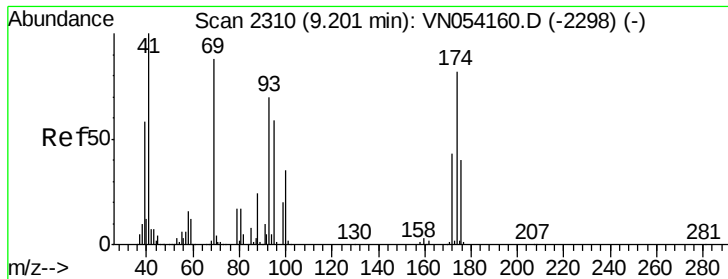


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO

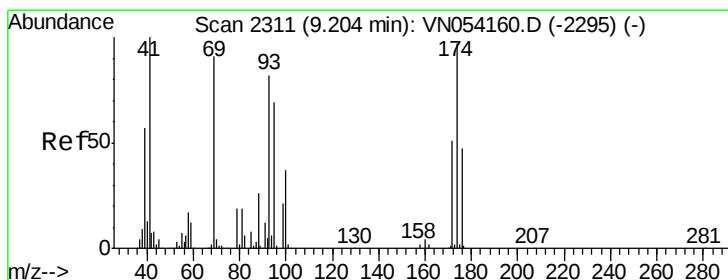
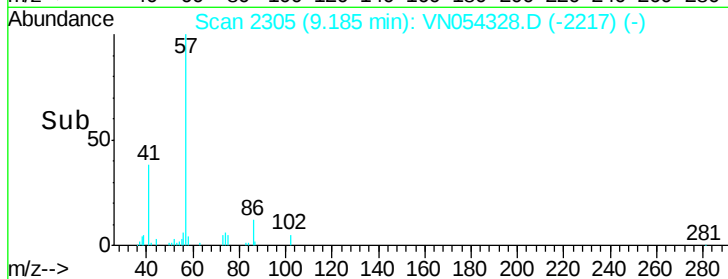
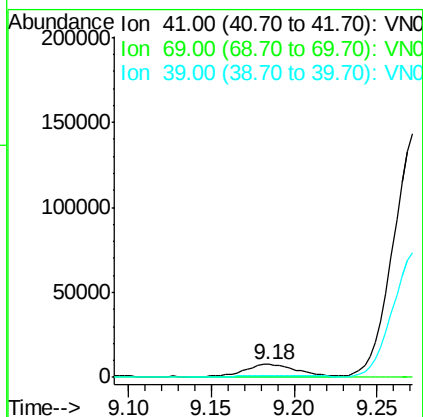
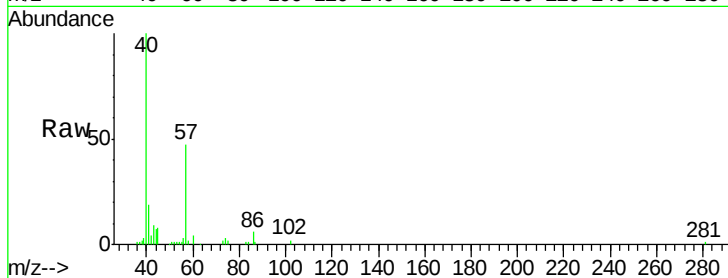




#48
Methvl methacrylate
Concen: 1.558 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.02 min
Lab File: VN054328.D
Acq: 15 Mar 2019 23:45

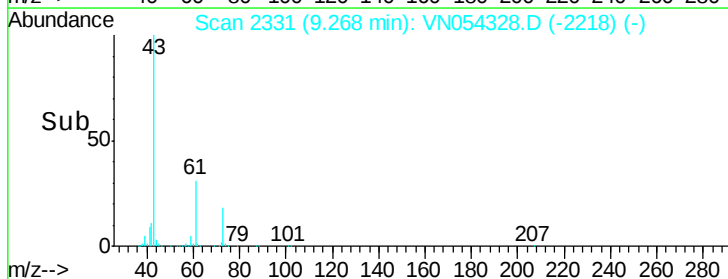
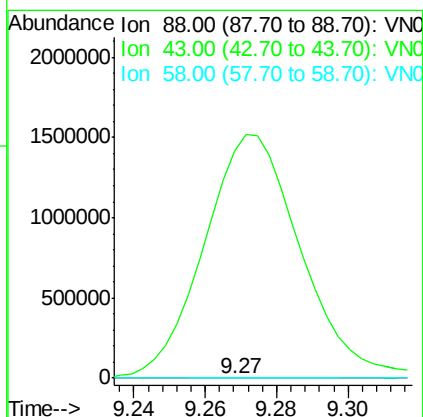
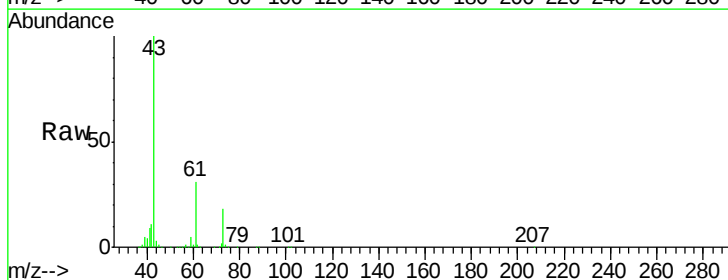
Instrument :
MSVOA_N
ClientSampleId :
TP-3

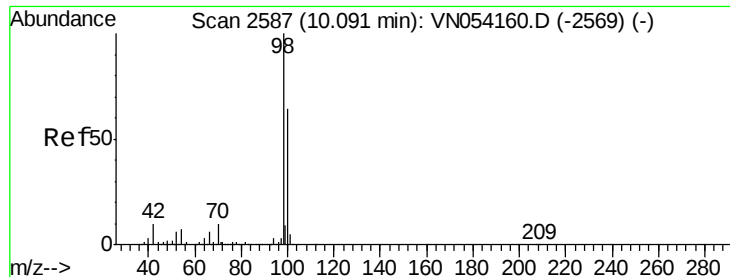
Tot Ion: 41 Resp: 15930
Ion Ratio Lower Upper
41 100
69 0.4 72.6 108.8#
39 0.0 47.5 71.3#



#49
1,4-Dioxane
Concen: 3.534 ug/l
RT: 9.27 min Scan# 2331
Delta R.T. 0.06 min
Lab File: VN054328.D
Acq: 15 Mar 2019 23:45

Tgt Ion: 88 Resp: 511
Ion Ratio Lower Upper
88 100
43 582749.5 24.1 36.1#
58 2385.3 50.8 76.2#





#50

Toluene-d8

Concen: 52.581 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054328.D

Acq: 15 Mar 2019 23:45

Instrument :

MSVOA_N

ClientSampled :

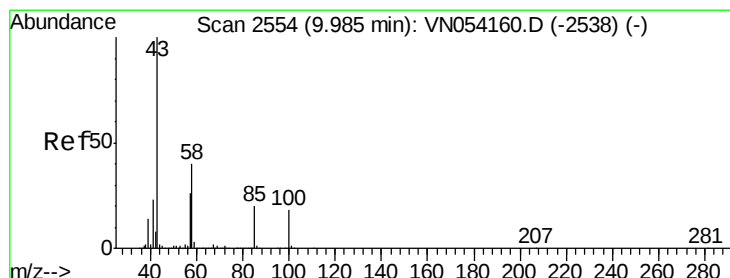
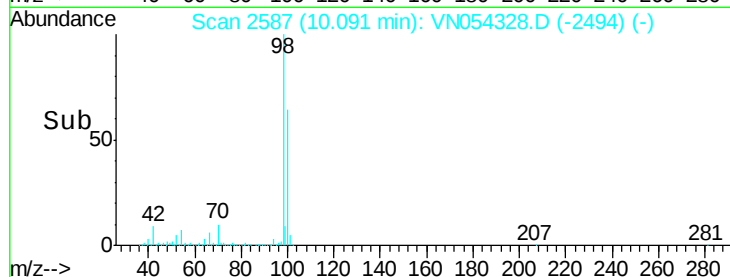
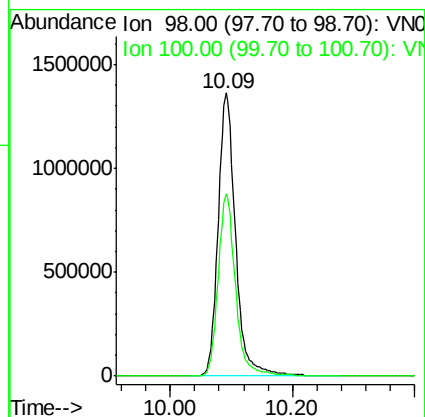
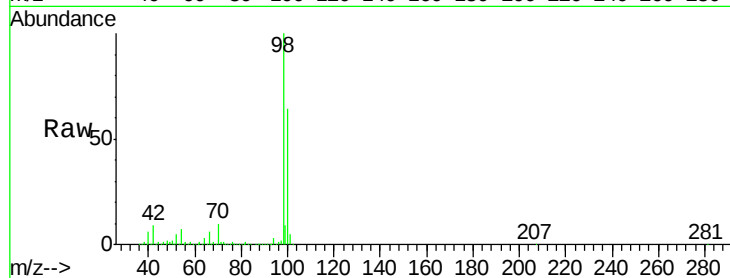
TP-3

Tot Ion: 98 Resp: 2716122

Ion Ratio Lower Upper

98 100

100 64.2 51.2 76.8



#51

4-Methyl-2-Pentanone

Concen: 1.534 ug/l

RT: 10.03 min Scan# 2567

Delta R.T. 0.04 min

Lab File: VN054328.D

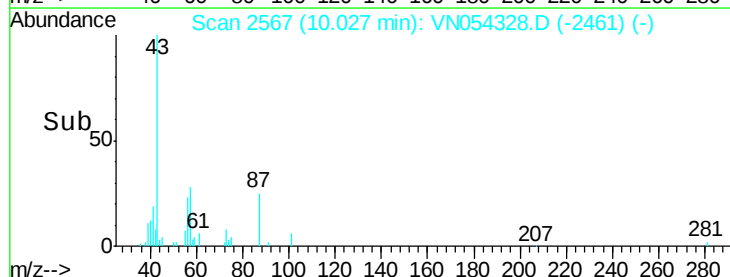
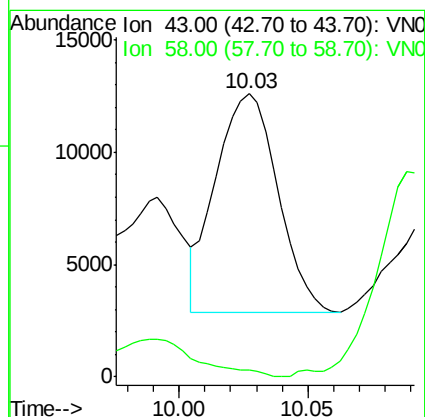
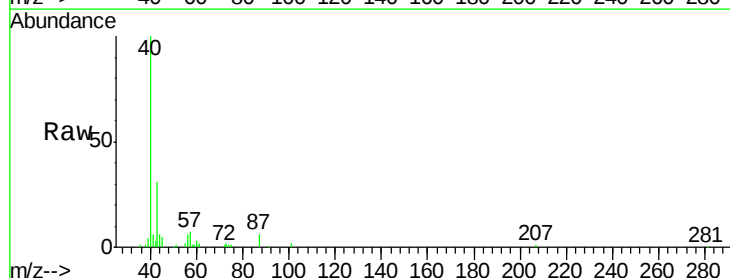
Acq: 15 Mar 2019 23:45

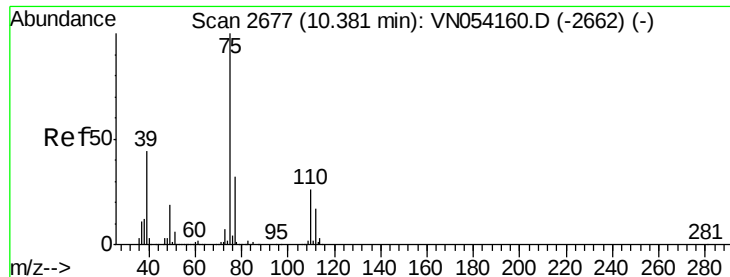
Tgt Ion: 43 Resp: 16350

Ion Ratio Lower Upper

43 100

58 0.0 31.8 47.6#





#53

t-1,3-Dichloropropene

Concen: 1.987 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN054328.D

Acq: 15 Mar 2019 23:45

Instrument :

MSVOA_N

ClientSampled :

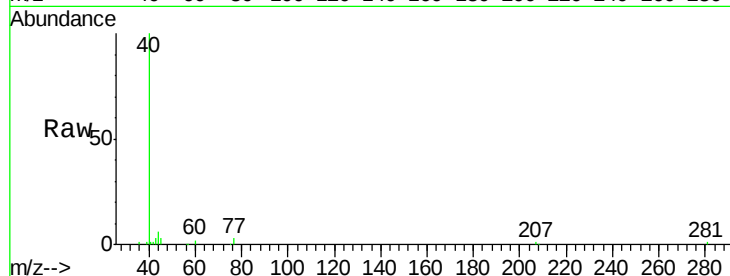
TP-3

Tot Ion: 75 Resp: 31

Ion Ratio Lower Upper

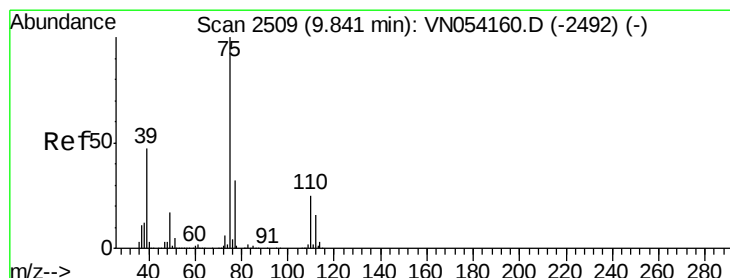
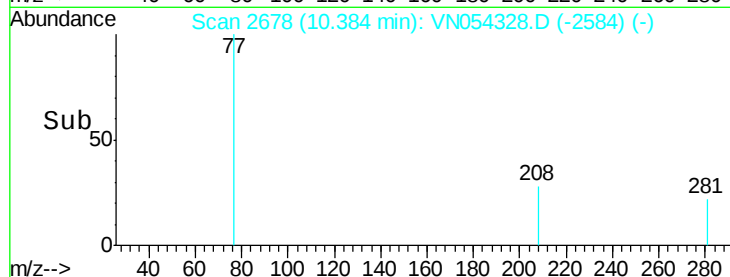
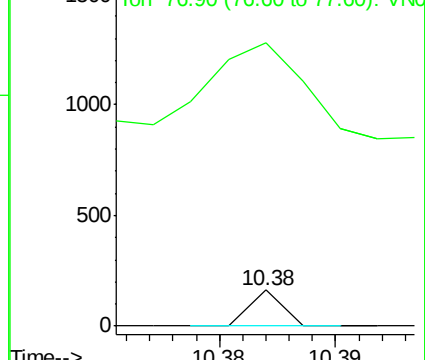
75 100

77 237.0 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: 6.755 ug/l

RT: 9.91 min Scan# 2530

Delta R.T. 0.07 min

Lab File: VN054328.D

Acq: 15 Mar 2019 23:45

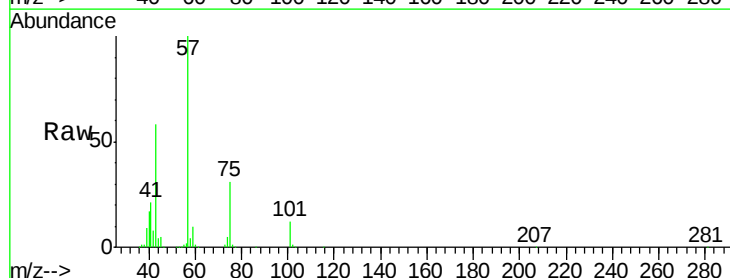
Tgt Ion: 75 Resp: 151314

Ion Ratio Lower Upper

75 100

77 0.7 25.4 38.0#

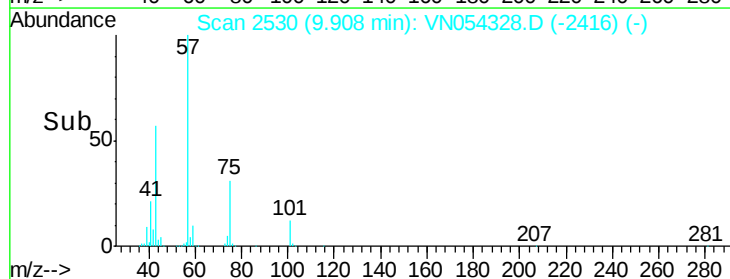
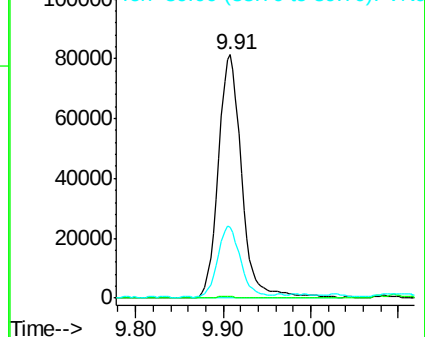
39 28.9 37.2 55.8#

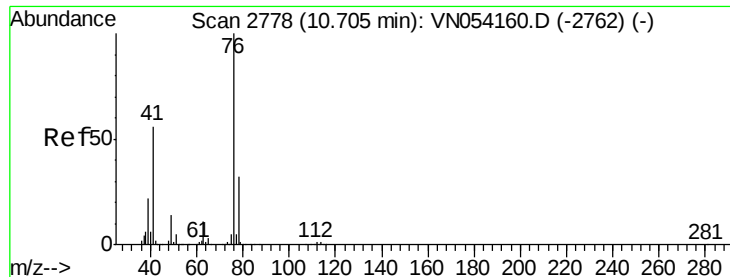


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 1.269 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.06 min

Lab File: VN054328.D

Acq: 15 Mar 2019 23:45

Instrument :

MSVOA_N

ClientSampleId :

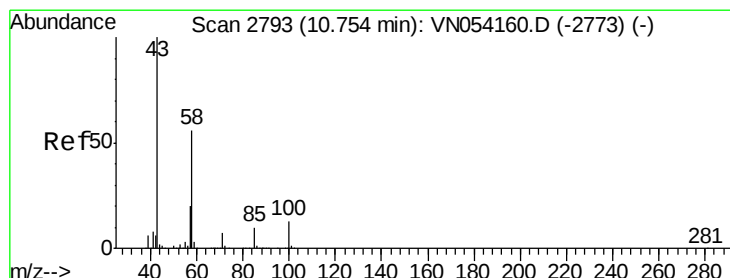
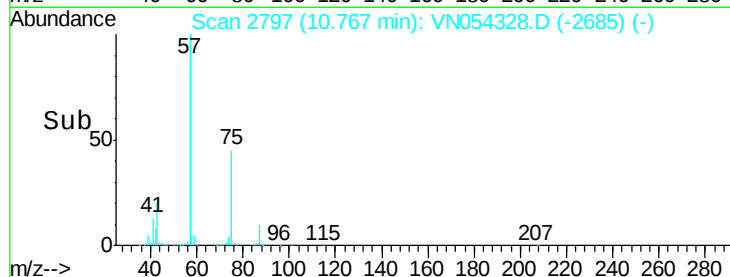
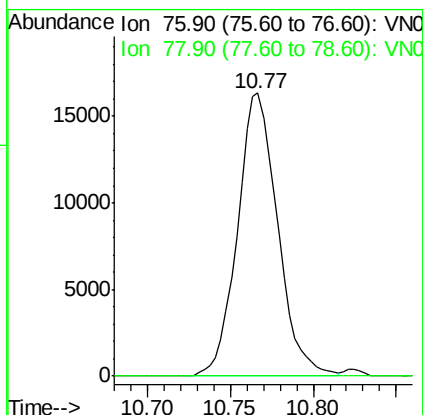
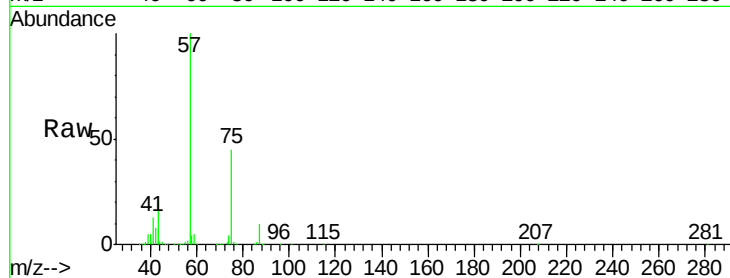
TP-3

Tot Ion: 76 Resp: 27466

Ion Ratio Lower Upper

76 100

78 0.0 25.7 38.5#



#59

2-Hexanone

Concen: 50.703 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.01 min

Lab File: VN054328.D

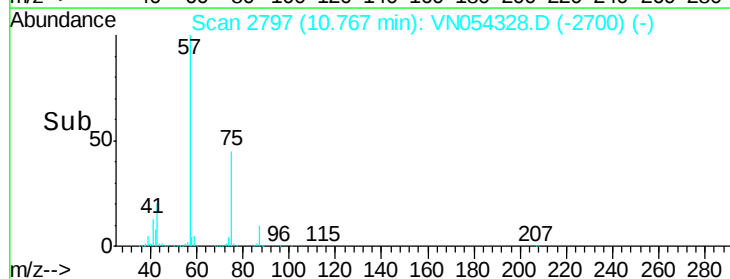
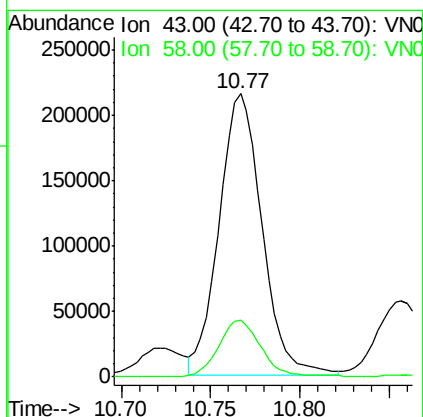
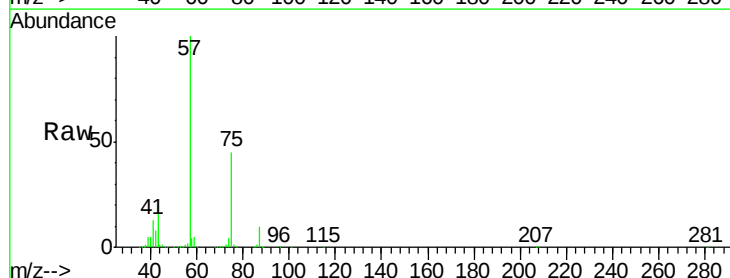
Acq: 15 Mar 2019 23:45

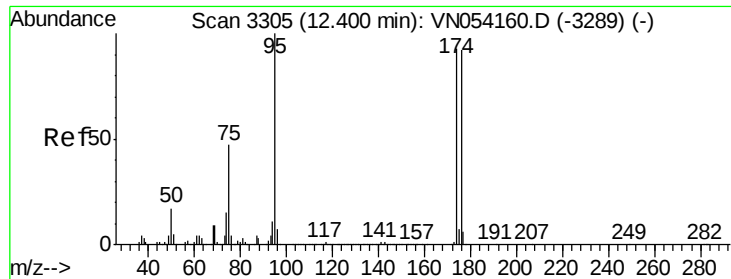
Tgt Ion: 43 Resp: 359627

Ion Ratio Lower Upper

43 100

58 20.2 28.0 83.9#





#62

4-Bromofluorobenzene

Concen: 56.826 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054328.D

Acq: 15 Mar 2019 23:45

Instrument :

MSVOA_N

ClientSampleId :

TP-3

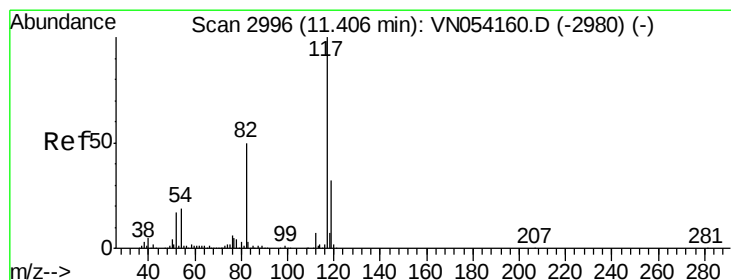
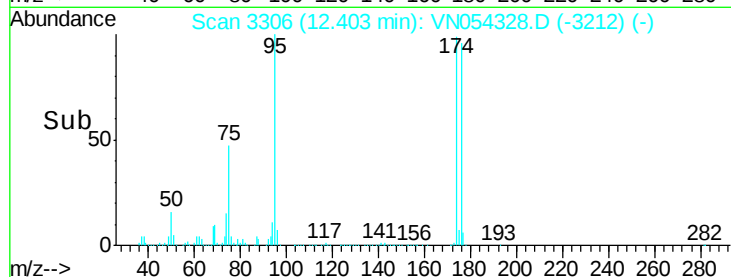
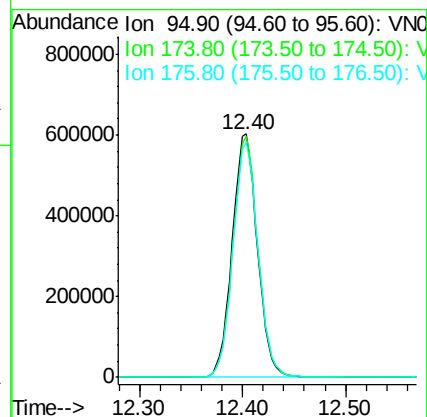
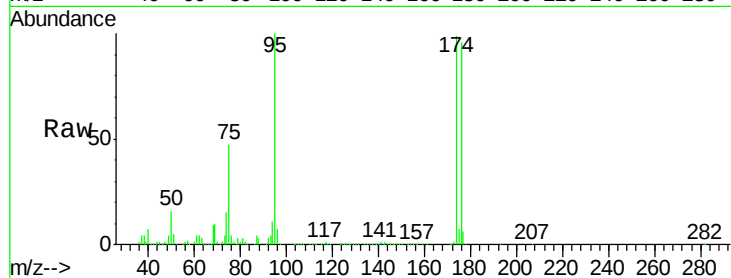
Tot Ion: 95 Resp: 1027105

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# 2996

Delta R.T. 0.00 min

Lab File: VN054328.D

Acq: 15 Mar 2019 23:45

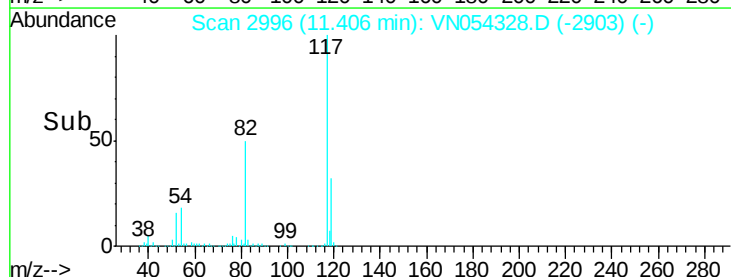
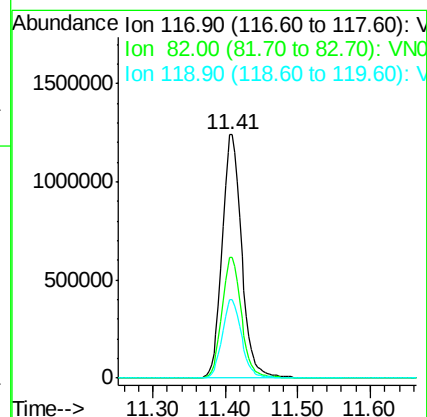
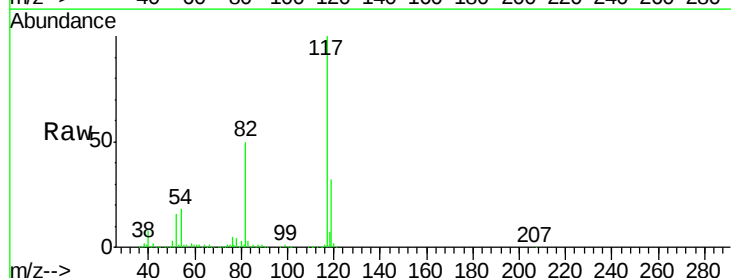
Tgt Ion: 117 Resp: 2321462

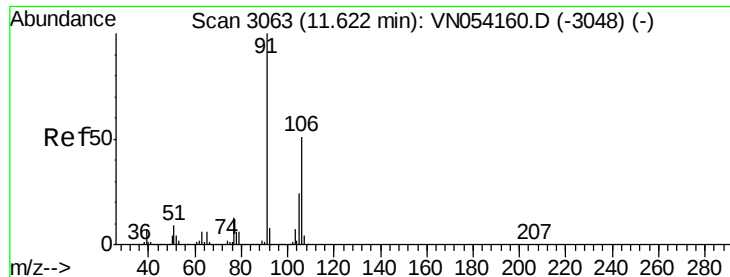
Ion Ratio Lower Upper

117 100

82 49.6 40.0 60.0

119 32.2 25.8 38.6

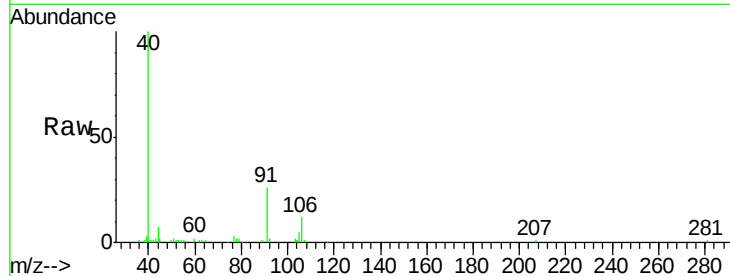




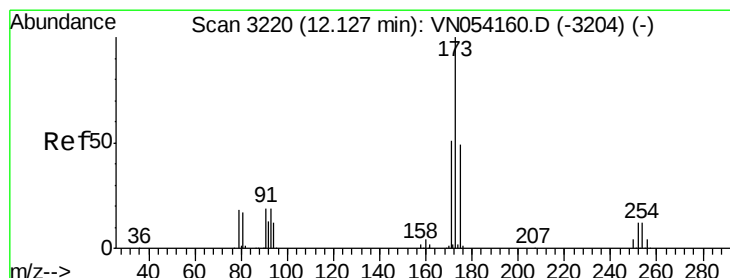
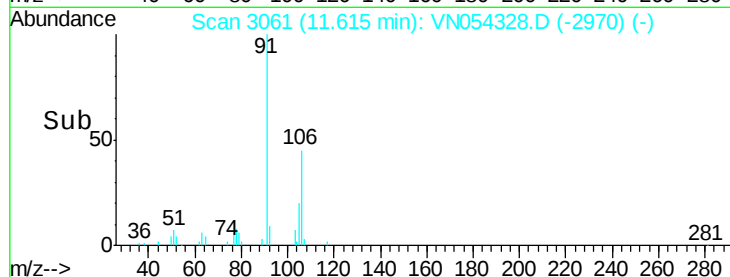
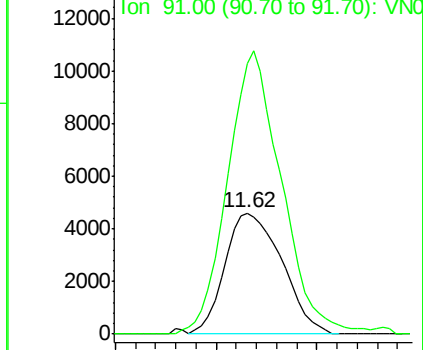
#68
m/p-Xvlenes
Concen: 0.275 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN054328.D
Acq: 15 Mar 2019 23:45

Instrument :
MSVOA_N
ClientSampleId :
TP-3

Tot Ion:106 Resp: 9080
Ion Ratio Lower Upper
106 100
91 221.4 159.4 239.2

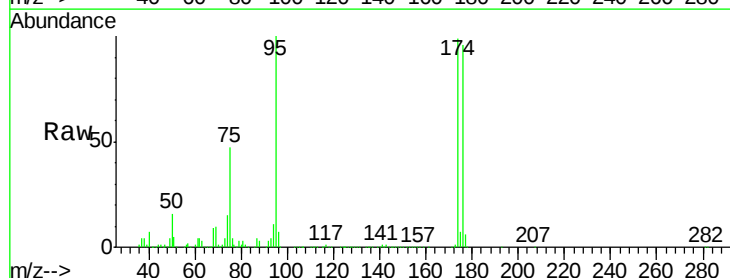


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

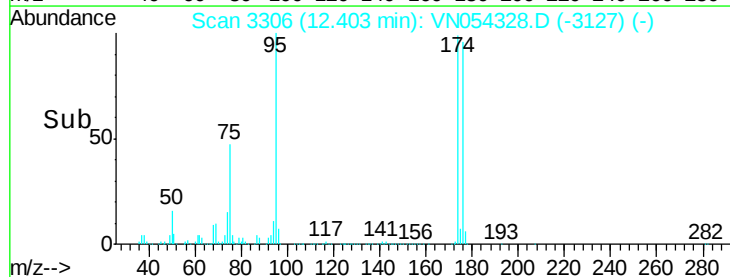
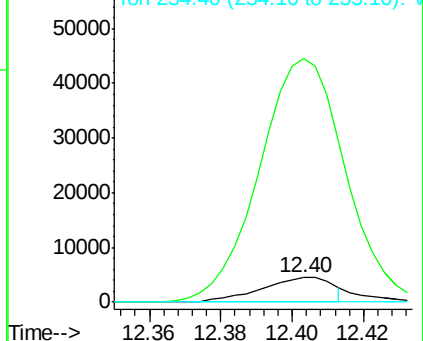


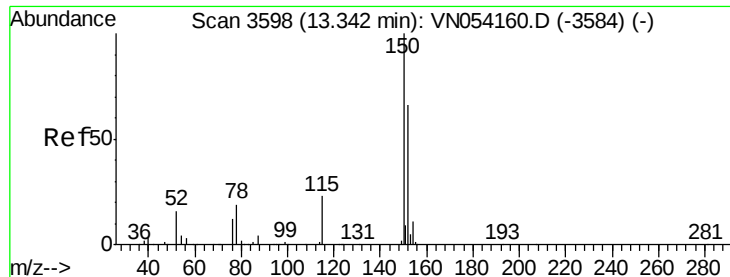
#71
Bromoform
Concen: 2.766 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN054328.D
Acq: 15 Mar 2019 23:45

Tgt Ion:173 Resp: 6158
Ion Ratio Lower Upper
173 100
175 1031.3 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: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054328.D

Acq: 15 Mar 2019 23:45

Instrument :

MSVOA_N

ClientSampleId :

TP-3

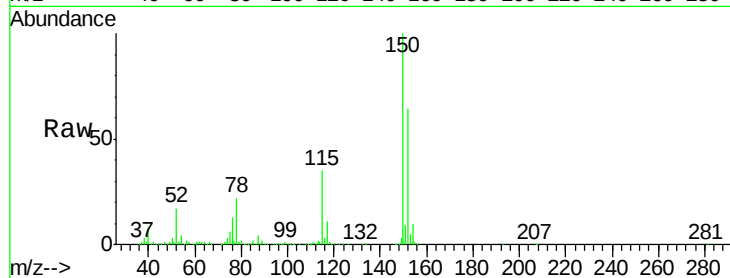
Tot Ion:152 Resp: 953064

Ion Ratio Lower Upper

152 100

115 54.4 27.2 81.6

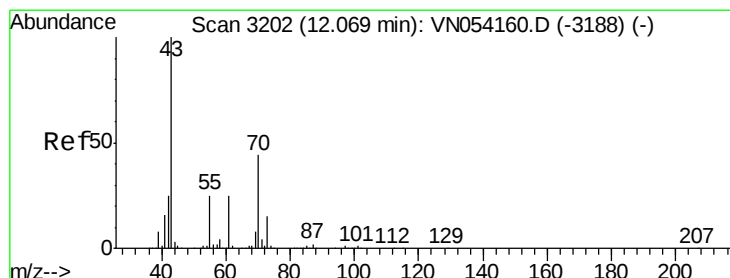
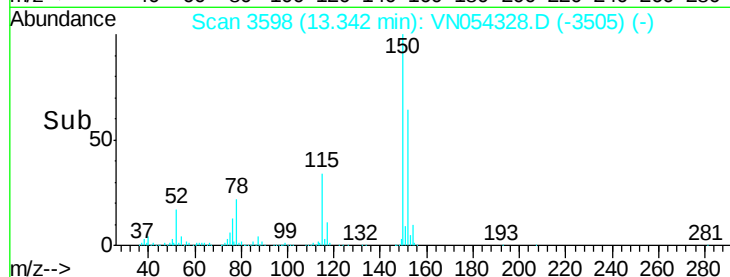
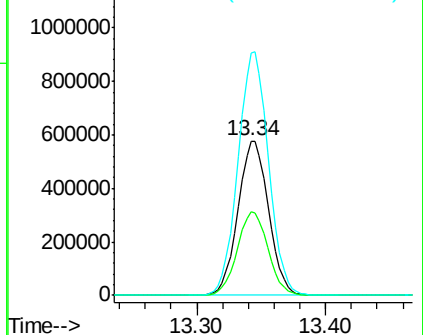
150 156.9 0.0 349.2



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-ethyl acetate

Concen: 1.961 ug/l

RT: 11.88 min Scan# 3143

Delta R.T. -0.19 min

Lab File: VN054328.D

Acq: 15 Mar 2019 23:45

Tgt Ion: 43 Resp: 33187

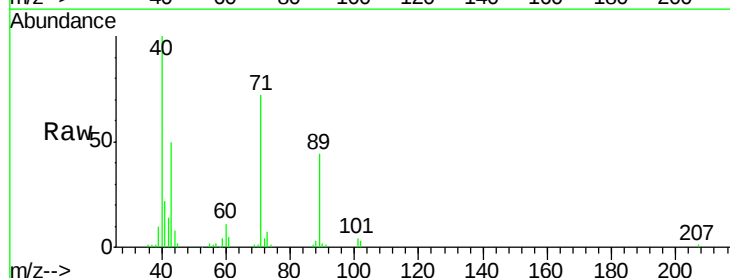
Ion Ratio Lower Upper

43 100

70 2.2 35.4 53.0#

55 6.5 19.8 29.6#

61 10.7 19.8 29.6#

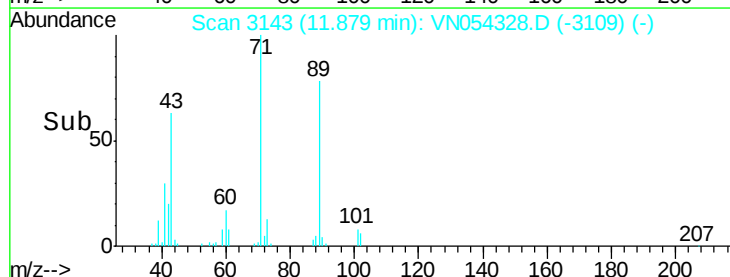
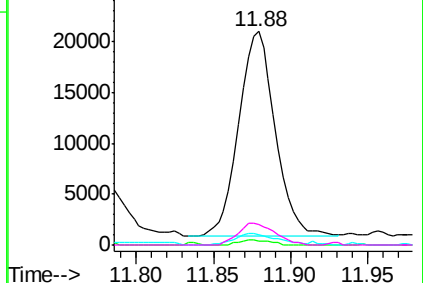


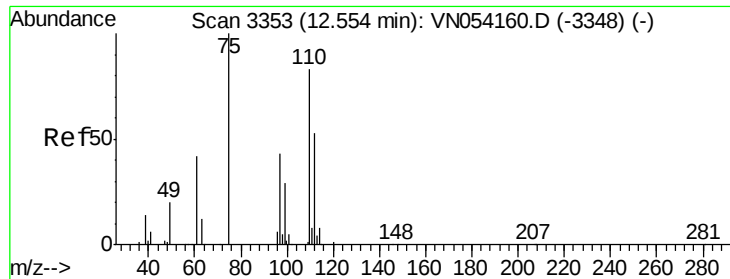
Abundance Ion 43.00 (42.70 to 43.70): V

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

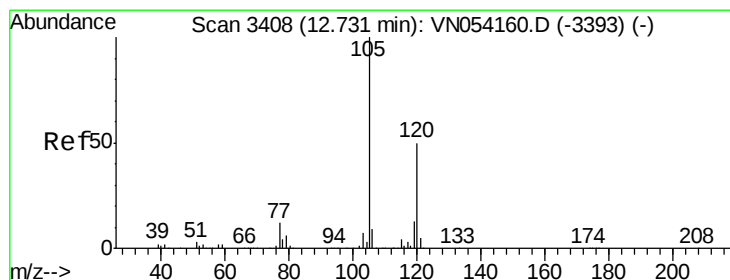
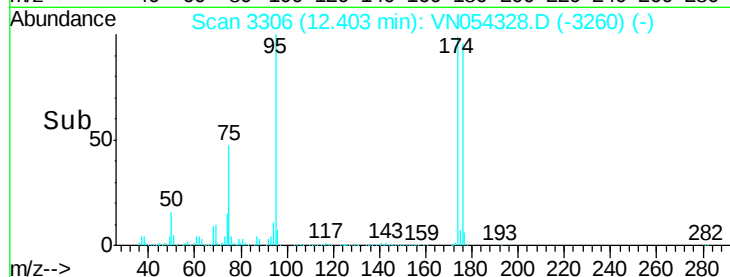
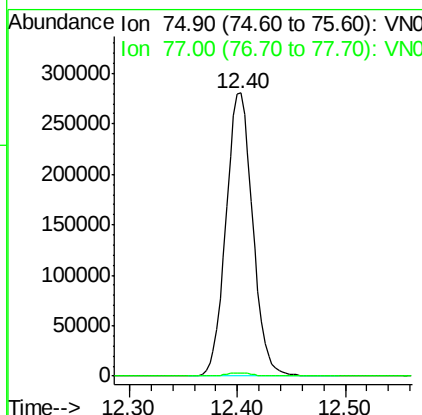
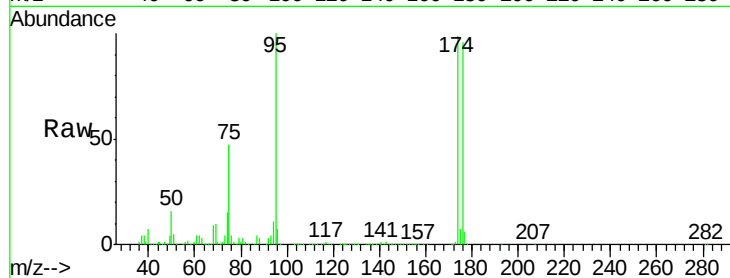




#76
 1,2,3-Trichloropropane
 Concen: 34.448 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. -0.15 min
 Lab File: VN054328.D
 Acq: 15 Mar 2019 23:45

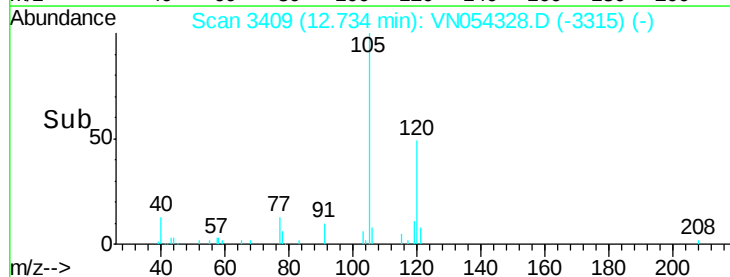
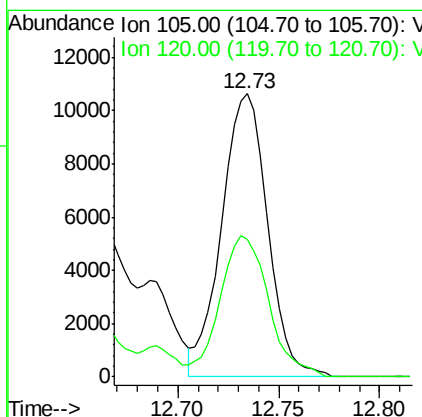
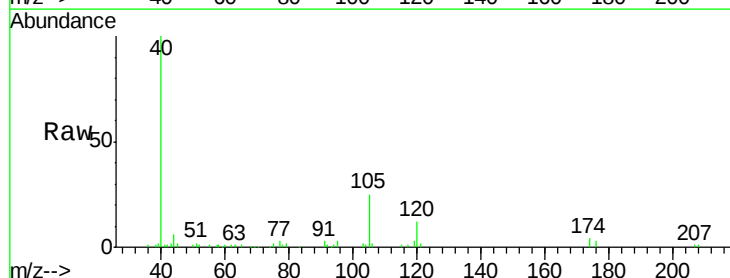
Instrument :
 MSVOA_N
 ClientSampled :
 TP-3

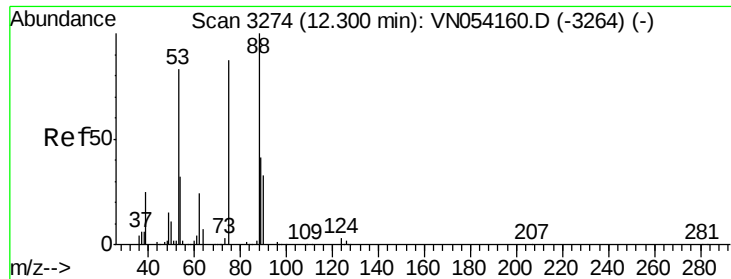
Tot Ion: 75 Resp: 482802
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.268 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN054328.D
 Acq: 15 Mar 2019 23:45

Tgt Ion: 105 Resp: 16996
 Ion Ratio Lower Upper
 105 100
 120 52.5 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 117.760 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN054328.D

Acq: 15 Mar 2019 23:45

Instrument :

MSVOA_N

ClientSampled :

TP-3

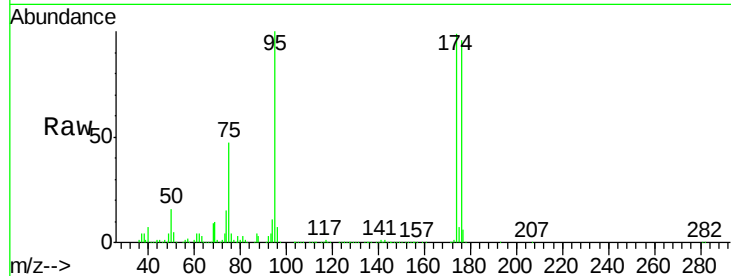
Tot Ion: 75 Resp: 482802

Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

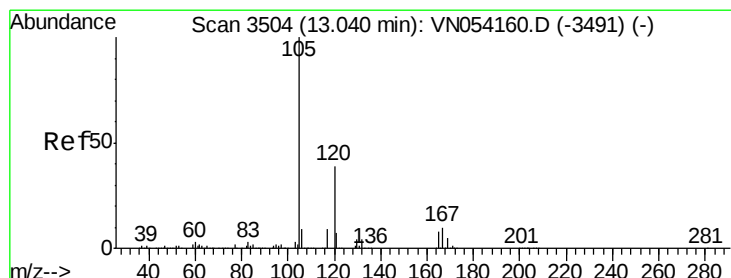
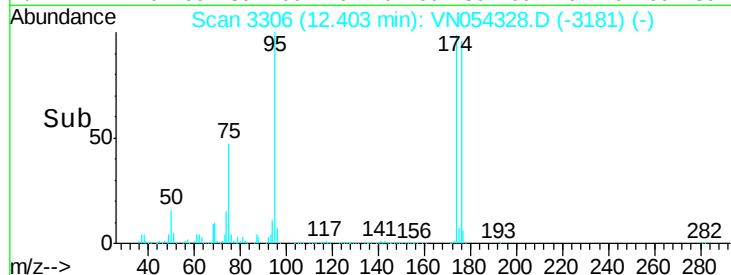
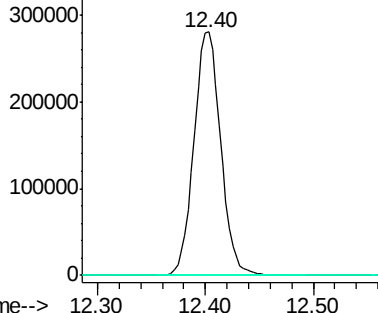
89 0.0 39.2 58.8#



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: 0.566 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. -0.00 min

Lab File: VN054328.D

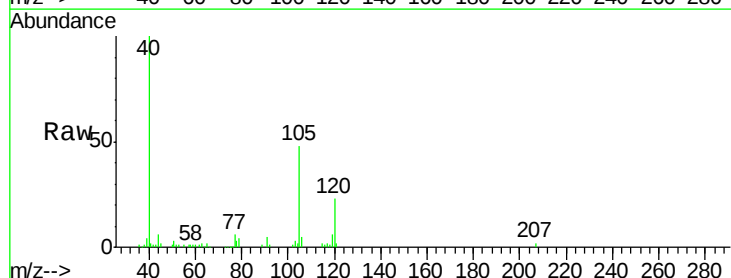
Acq: 15 Mar 2019 23:45

Tgt Ion: 105 Resp: 35196

Ion Ratio Lower Upper

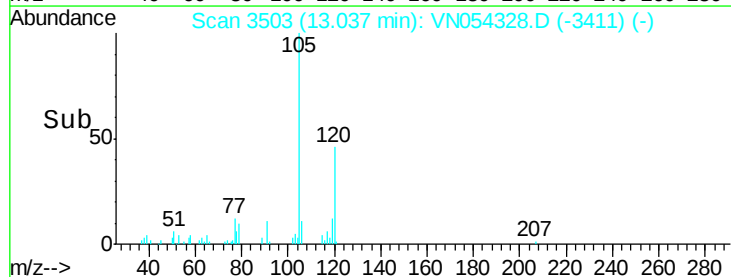
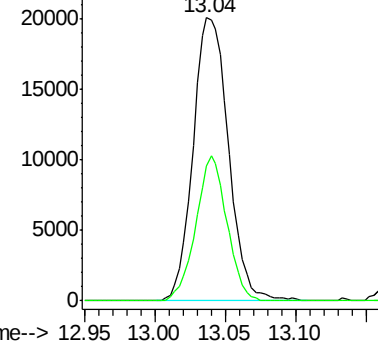
105 100

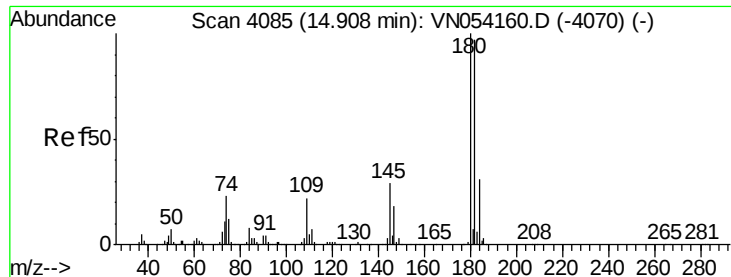
120 44.8 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

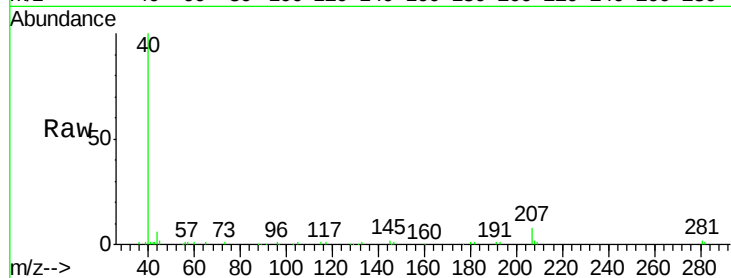




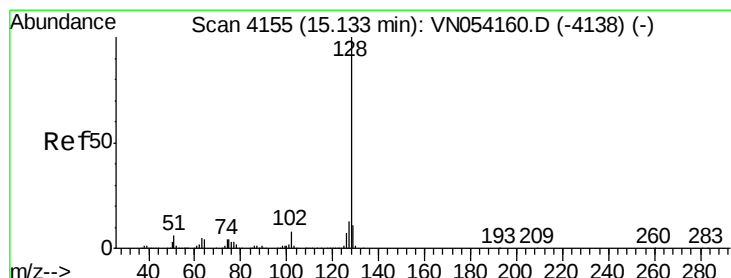
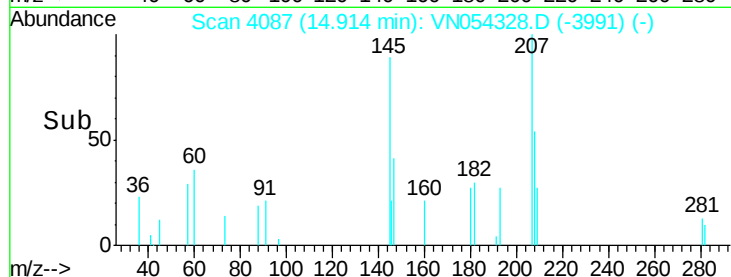
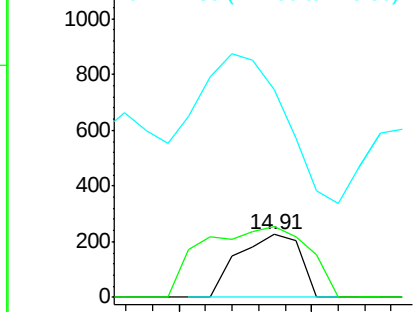
#93
 1,2,4-Trichlorobenzene
 Concen: 2.523 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.01 min
 Lab File: VN054328.D
 Acq: 15 Mar 2019 23:45

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3

Tot Ion:180 Resp: 146
 Ion Ratio Lower Upper
 180 100
 182 193.8 48.0 144.2#
 145 687.7 14.2 42.8#

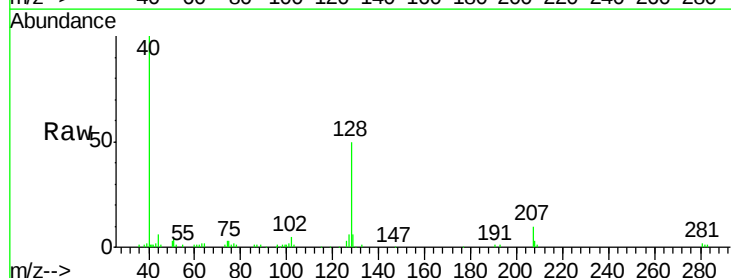


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V



#95
 Naphthalene
 Concen: 4.394 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN054328.D
 Acq: 15 Mar 2019 23:45

Tgt Ion:128 Resp: 41497
 Ion Ratio Lower Upper
 128 100
 127 12.1 10.1 15.1
 129 9.6 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

