

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031619\
 Data File : VN054362.D
 Acq On : 17 Mar 2019 3:43
 Operator : JC/SP
 Sample : K1922-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ORG-031419

Quant Time: Mar 18 05:00:23 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	1828052	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2633352	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2191653	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	832603	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	909497	46.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.70%	
35) Dibromofluoromethane	7.59	113	814223	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	
50) Toluene-d8	10.09	98	3010252	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
62) 4-Bromofluorobenzene	12.40	95	896540	40.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.70%	

Target Compounds

						Qvalue
8) Diethyl Ether	3.42	74	5055	0.434	ug/l	56
10) Methyl Iodide	3.94	142	269	1.507	ug/l #	59
13) Acrolein	3.60	56	373	0.296	ug/l #	75
14) Allyl chloride	4.54	41	190074	7.801	ug/l #	22
16) Acetone	3.82	43	72732	13.084	ug/l	94
18) Methyl Acetate	4.33	43	2290	0.204	ug/l #	78
20) Methylene Chloride	4.54	84	6076554	332.923	ug/l	99
25) 2-Butanone	6.86	43	4061	0.622	ug/l	90
30) Chloroform	7.37	83	8436	0.259	ug/l	89
36) 1,1-Dichloropropene	7.66	75	105570	4.353	ug/l #	48
38) Carbon Tetrachloride	7.66	117	146068	5.744	ug/l #	15
39) Methylcyclohexane	9.08	83	31043	1.040	ug/l	98
43) Isopropyl Acetate	8.17	43	41832	1.710	ug/l	99
48) Methyl methacrylate	9.18	41	14169	1.142	ug/l #	11
49) 1,4-Dioxane	9.26	88	226	1.287	ug/l #	1
51) 4-Methyl-2-Pentanone	10.03	43	14926	1.153	ug/l #	36
53) t-1,3-Dichloropropene	10.38	75	211	1.994	ug/l #	1
54) cis-1,3-Dichloropropene	9.90	75	115192	4.235	ug/l #	64
55) 1,1,2-Trichloroethane	10.53	97	5296	0.330	ug/l #	20
57) 1,3-Dichloropropane	10.76	76	22165	0.844	ug/l #	43
59) 2-Hexanone	10.77	43	301196	34.971	ug/l #	50
67) Ethyl Benzene	11.51	91	48518	0.608	ug/l	100
68) m/p-Xylenes	11.62	106	32367	1.038	ug/l	99
71) Bromoform	12.40	173	5394	2.736	ug/l #	1
73) Isopropylbenzene	12.25	105	23988	0.360	ug/l	98
74) N-amyl acetate	11.88	43	32663	2.209	ug/l #	52
76) 1,2,3-Trichloropropane	12.40	75	432558	35.329	ug/l #	100
78) n-propylbenzene	12.59	91	65437	0.905	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	99899	1.803	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	432558	120.769	ug/l #	11
82) 4-Chlorotoluene	12.73	91	8946	0.206	ug/l #	39
84) 1,2,4-Trimethylbenzene	13.04	105	224030	4.121	ug/l	98
90) Hexachloroethane	13.89	117	12541	1.305	ug/l #	2
92) 1,2-Dibromo-3-Chloropropan	14.25	75	978	0.445	ug/l #	1

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Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration

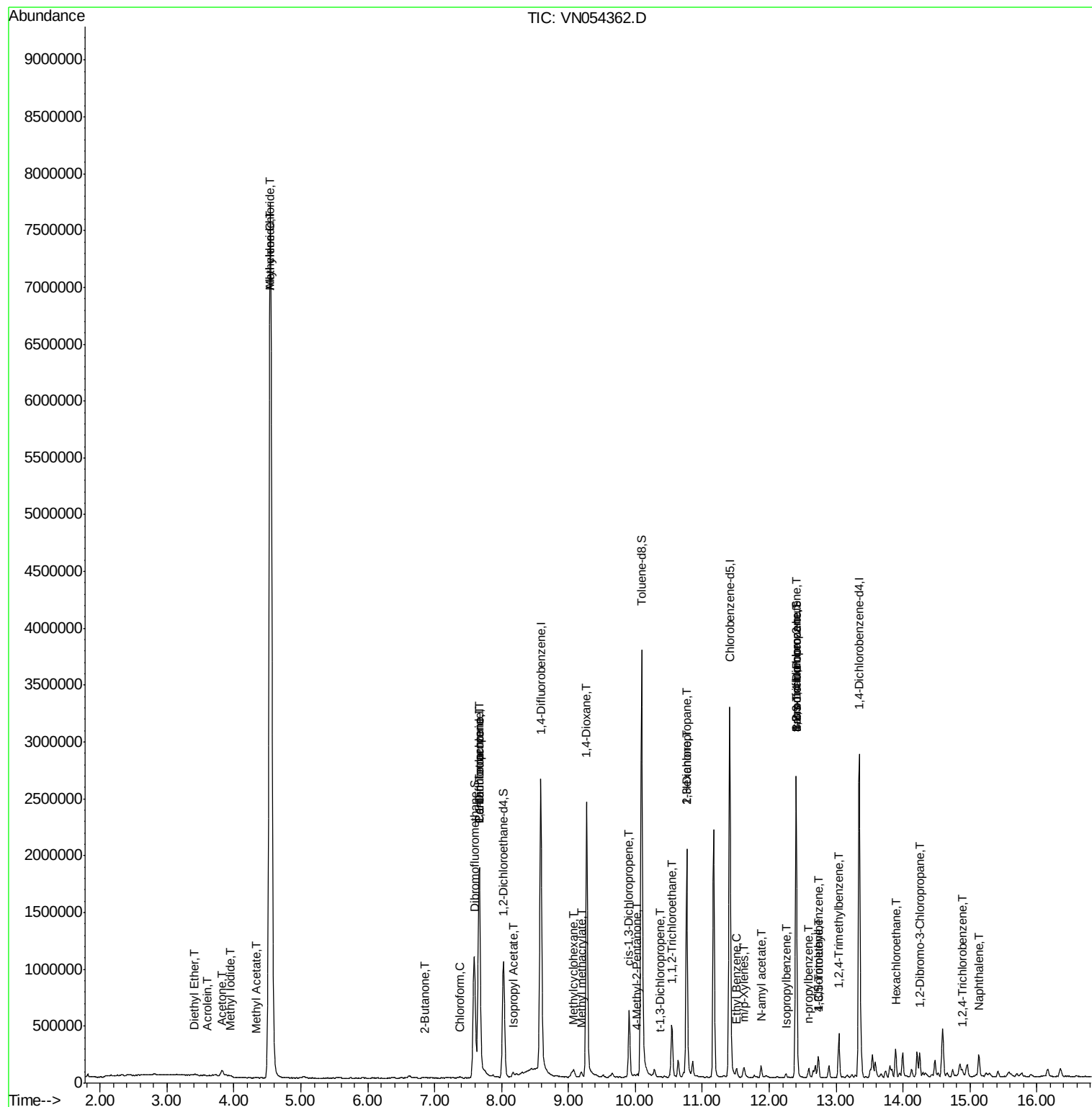
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	701	2.555	ug/l #	1
95) Naphthalene	15.13	128	175468	7.941	ug/l	99

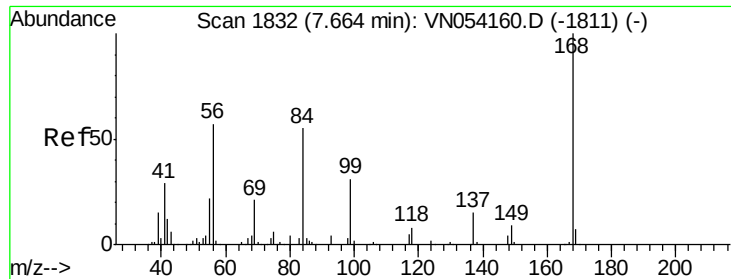
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031619\
Data File : VN054362.D
Acq On : 17 Mar 2019 3:43
Operator : JC/SP
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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: VN054362.D

Acq: 17 Mar 2019 3:43

Instrument :

MSVOA_N

ClientSampleId :

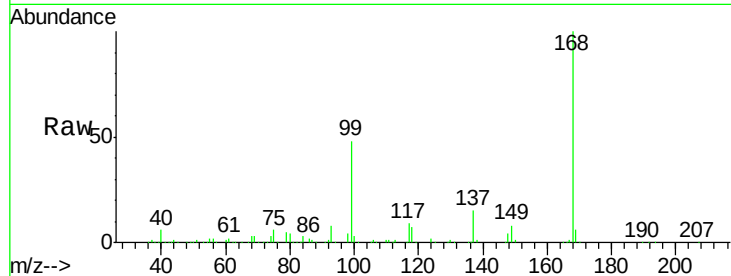
ORG-031419

Tot Ion:168 Resp: 1828052

Ion Ratio Lower Upper

168 100

99 47.6 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

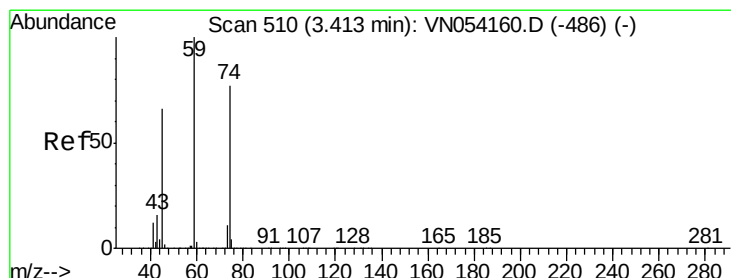
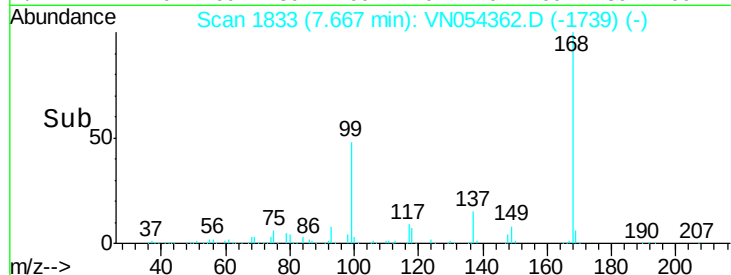
600000

400000

200000

0

Time-->



#8

Diethyl Ether

Concen: 0.434 ug/l

RT: 3.42 min Scan# 511

Delta R.T. 0.00 min

Lab File: VN054362.D

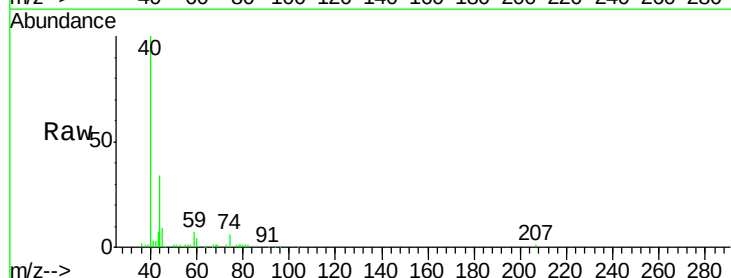
Acq: 17 Mar 2019 3:43

Tgt Ion: 74 Resp: 5055

Ion Ratio Lower Upper

74 100

45 45.5 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

4000

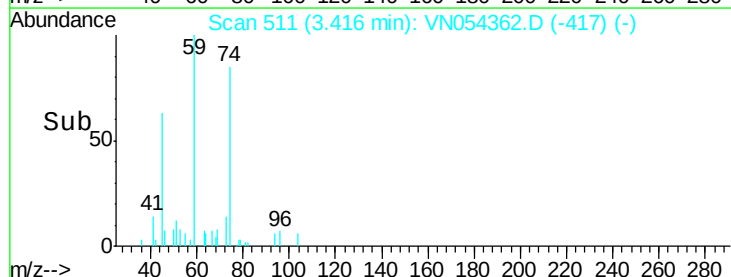
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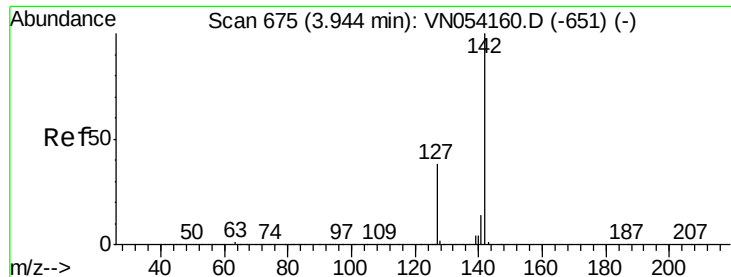
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1000

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Time-->

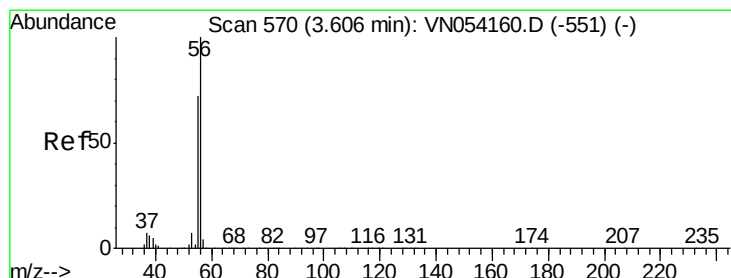
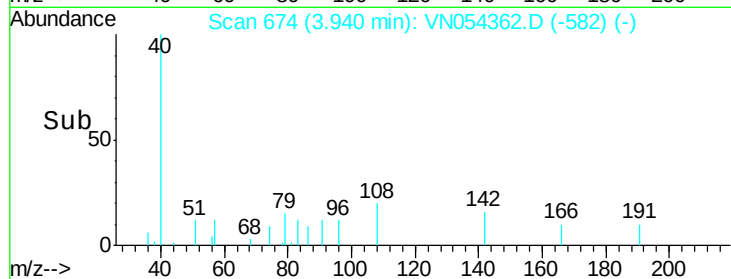
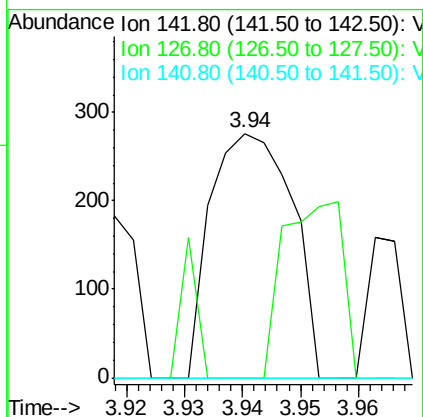
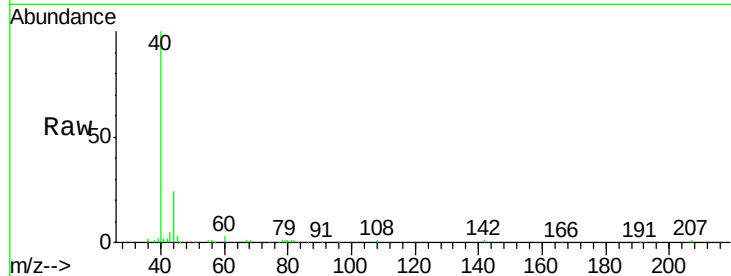




#10
Methvl Iodide
Concen: 1.507 ug/l
RT: 3.94 min Scan# 674
Delta R.T. -0.00 min
Lab File: VN054362.D
Acq: 17 Mar 2019 3:43

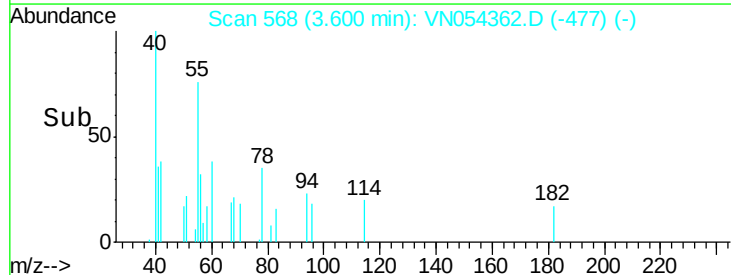
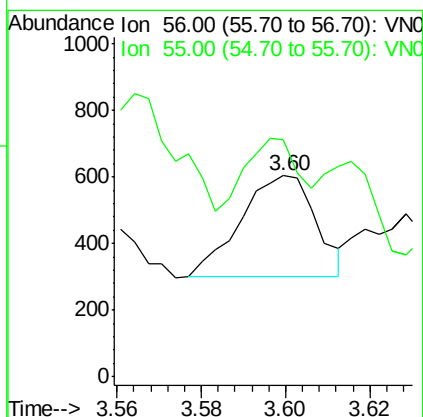
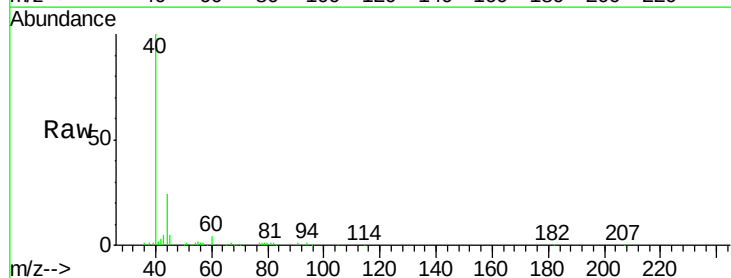
Instrument :
MSVOA_N
ClientSampled :
ORG-031419

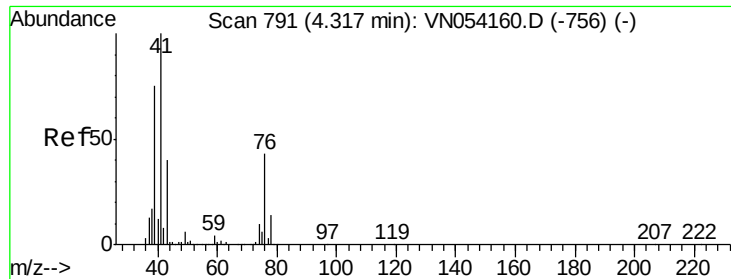
Tot Ion:142 Resp: 269
Ion Ratio Lower Upper
142 100
127 11.5 30.3 45.5#
141 0.0 11.2 16.8#



#13
Acrolein
Concen: 0.296 ug/l
RT: 3.60 min Scan# 568
Delta R.T. -0.01 min
Lab File: VN054362.D
Acq: 17 Mar 2019 3:43

Tgt Ion: 56 Resp: 373
Ion Ratio Lower Upper
56 100
55 50.4 56.7 85.1#

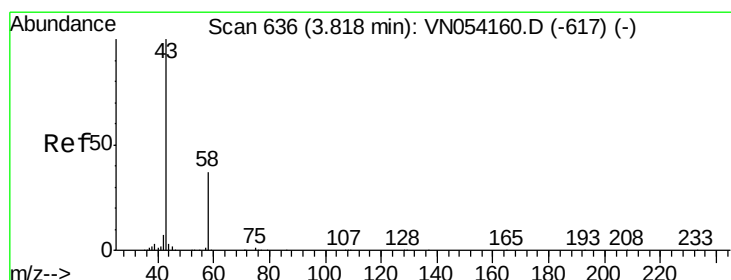
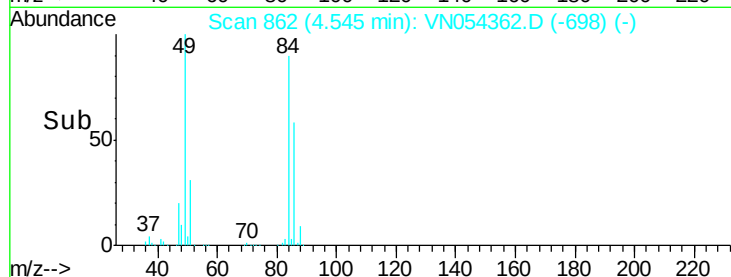
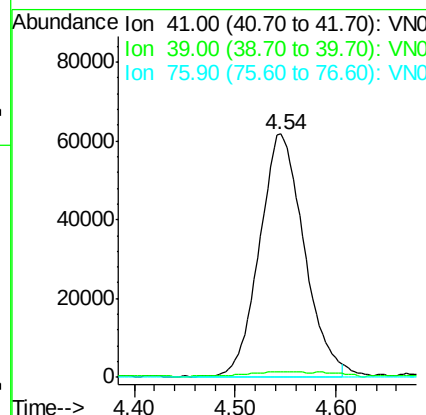
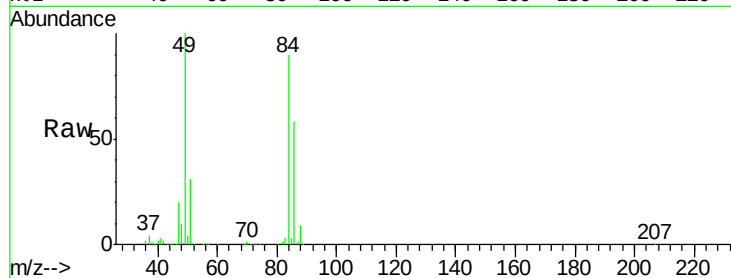




#14
Allvl chloride
Concen: 7.801 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.23 min
Lab File: VN054362.D
Acq: 17 Mar 2019 3:43

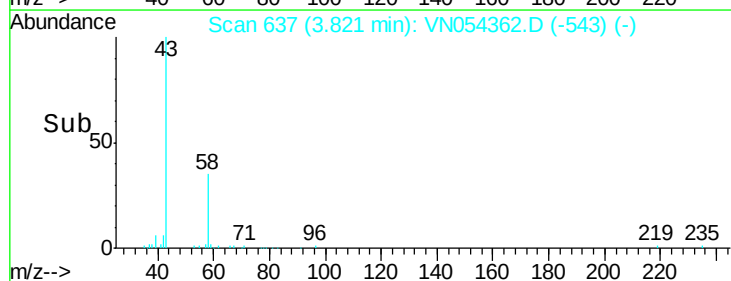
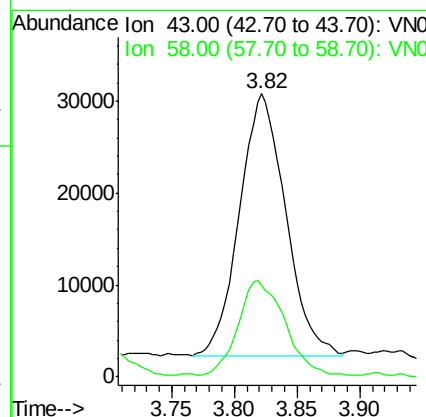
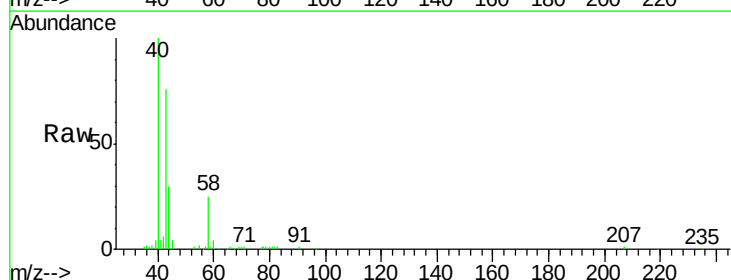
Instrument :
MSVOA_N
ClientSampled :
ORG-031419

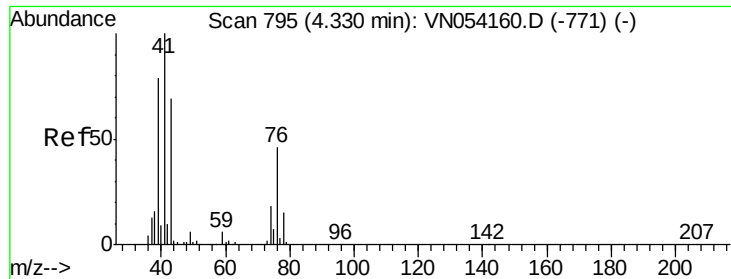
Tot Ion: 41 Resp: 190074
Ion Ratio Lower Upper
41 100
39 1.5 58.2 87.4#
76 0.0 31.7 47.5#



#16
Acetone
Concen: 13.084 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.00 min
Lab File: VN054362.D
Acq: 17 Mar 2019 3:43

Tgt Ion: 43 Resp: 72732
Ion Ratio Lower Upper
43 100
58 33.7 29.9 44.9

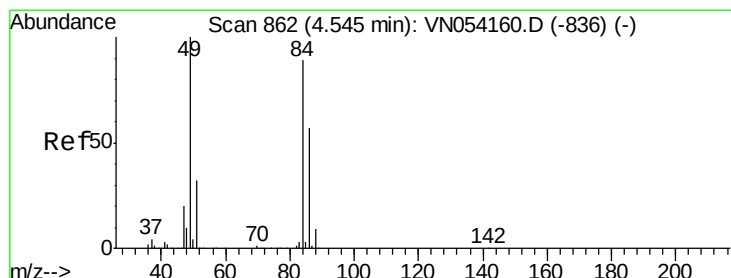
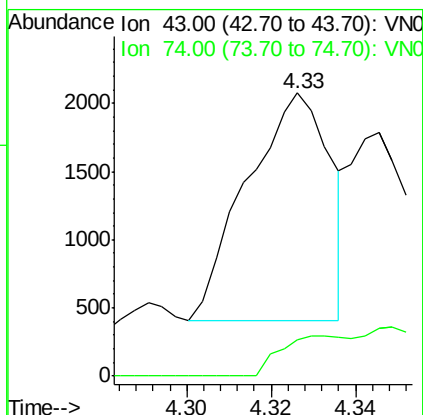
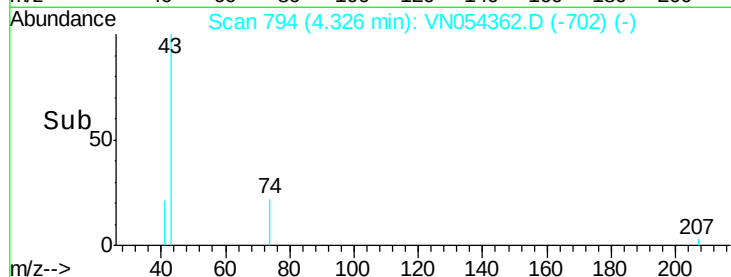
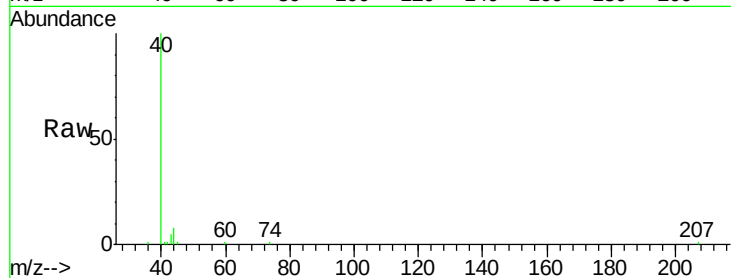




#18
Methvl Acetate
Concen: 0.204 ug/l
RT: 4.33 min Scan# 794
Delta R.T. -0.00 min
Lab File: VN054362.D
Acq: 17 Mar 2019 3:43

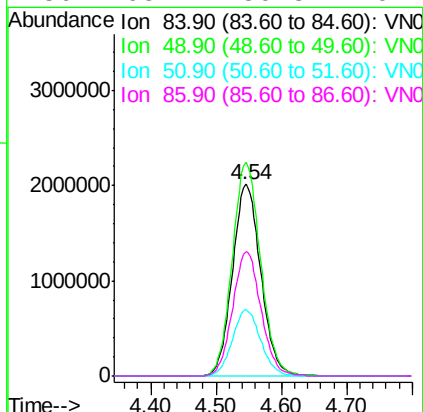
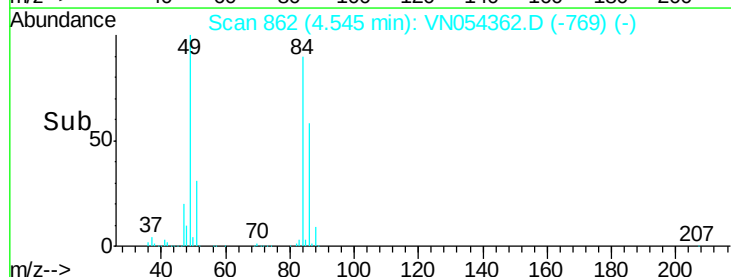
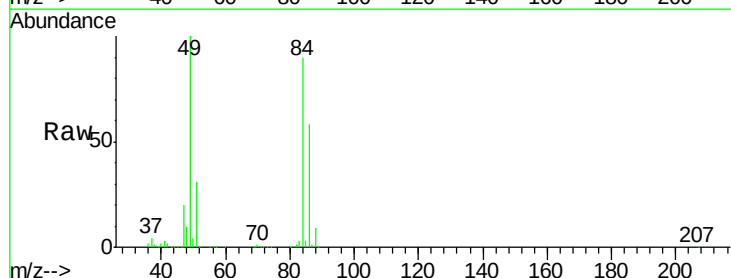
Instrument :
MSVOA_N
ClientSampleId :
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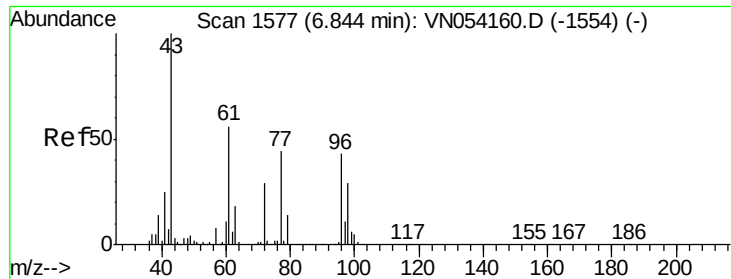
Tot Ion: 43 Resp: 2290
Ion Ratio Lower Upper
43 100
74 14.8 20.8 31.2#



#20
Methylene Chloride
Concen: 332.923 ug/l
RT: 4.54 min Scan# 862
Delta R.T. -0.00 min
Lab File: VN054362.D
Acq: 17 Mar 2019 3:43

Tgt Ion: 84 Resp: 6076554
Ion Ratio Lower Upper
84 100
49 111.5 89.7 134.5
51 34.5 28.2 42.4
86 65.1 50.8 76.2

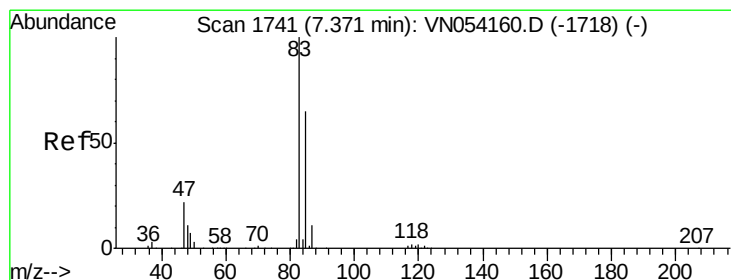
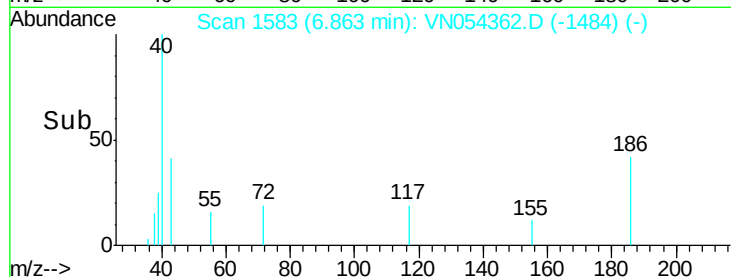
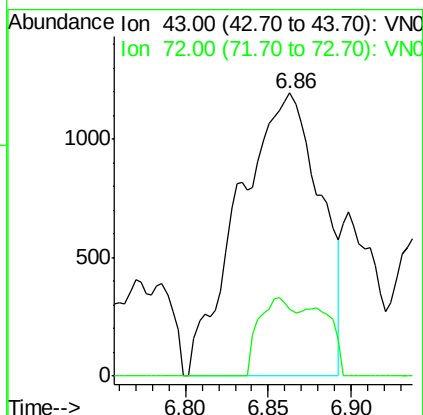
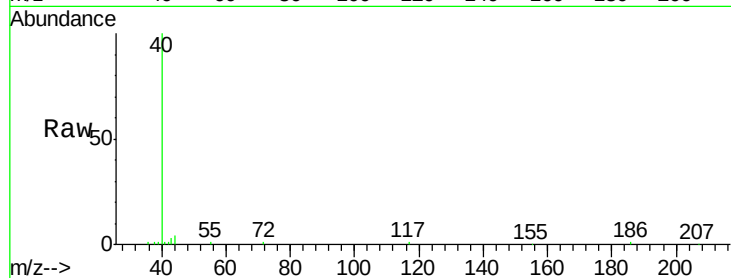




#25
 2-Butanone
 Concen: 0.622 ug/l
 RT: 6.86 min Scan# 1583
 Delta R.T. 0.02 min
 Lab File: VN054362.D
 Acq: 17 Mar 2019 3:43

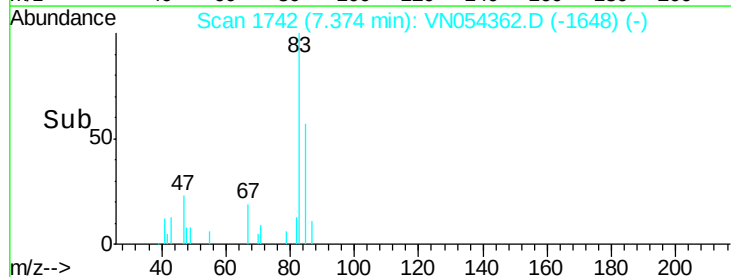
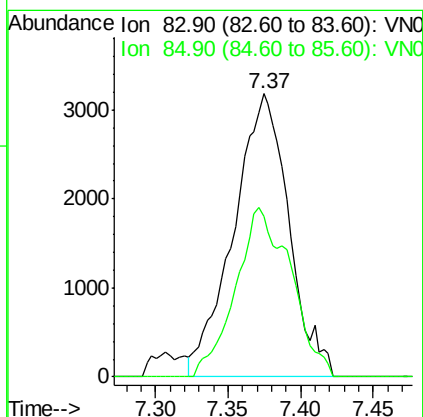
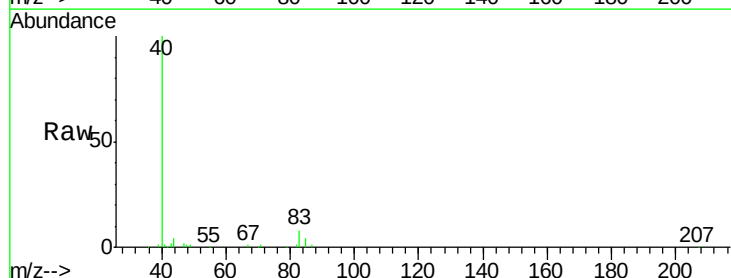
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 ClientSampled :
 ORG-031419

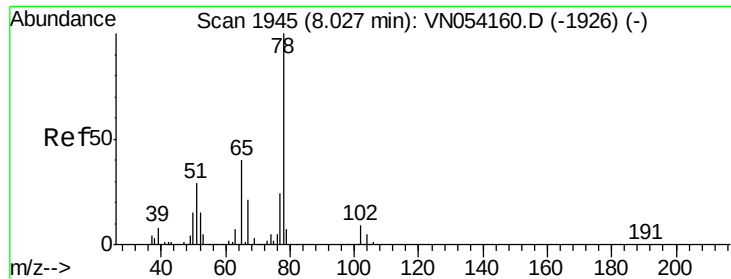
Tot Ion: 43 Resp: 4061
 Ion Ratio Lower Upper
 43 100
 72 23.6 23.0 34.6



#30
 Chloroform
 Concen: 0.259 ug/l
 RT: 7.37 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VN054362.D
 Acq: 17 Mar 2019 3:43

Tgt Ion: 83 Resp: 8436
 Ion Ratio Lower Upper
 83 100
 85 56.5 52.2 78.4

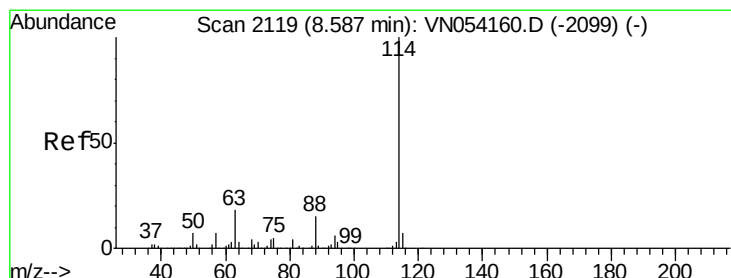
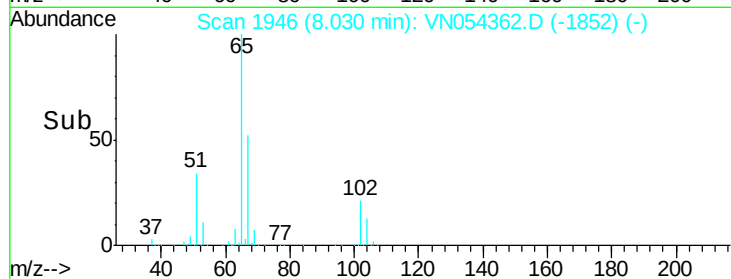
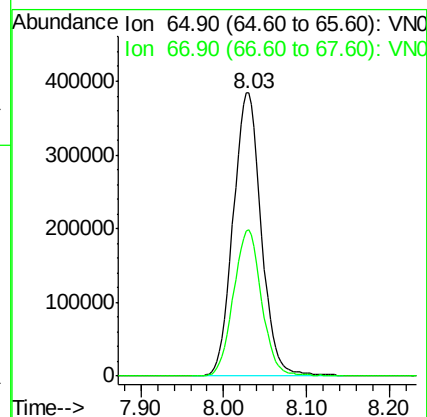
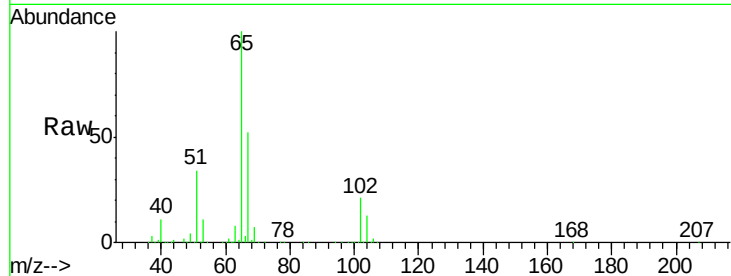




#33
 1,2-Dichloroethane-d4
 Concen: 46.848 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN054362.D
 Acq: 17 Mar 2019 3:43

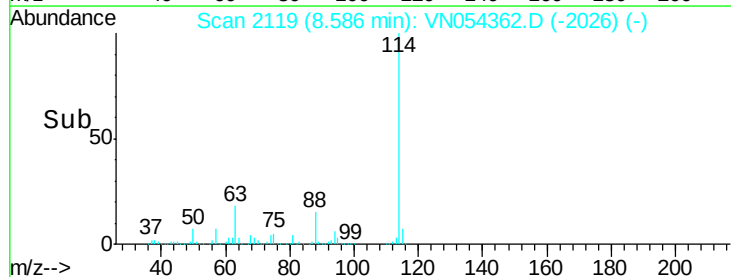
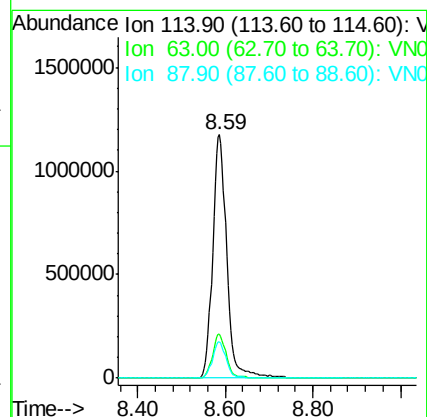
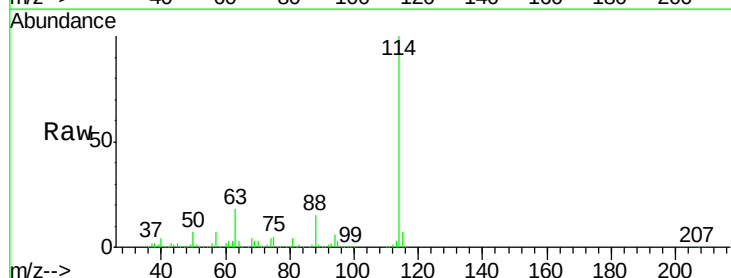
Instrument :
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 ORG-031419

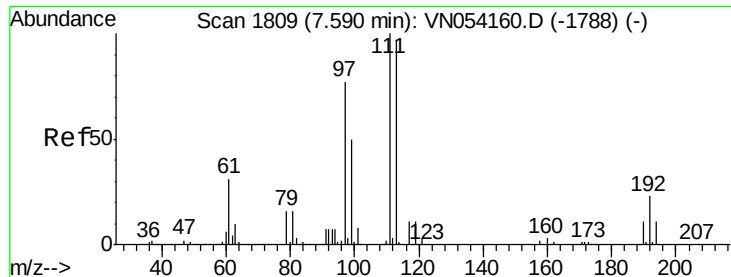
Tot Ion: 65 Resp: 909497
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054362.D
 Acq: 17 Mar 2019 3:43

Tgt Ion: 114 Resp: 2633352
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 35.2
 88 14.8 0.0 30.2

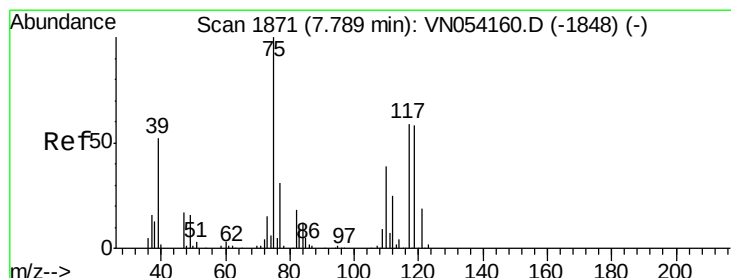
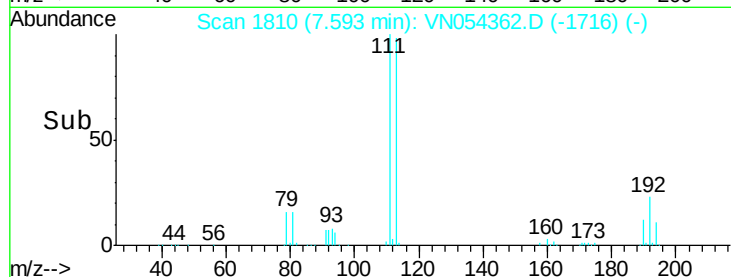
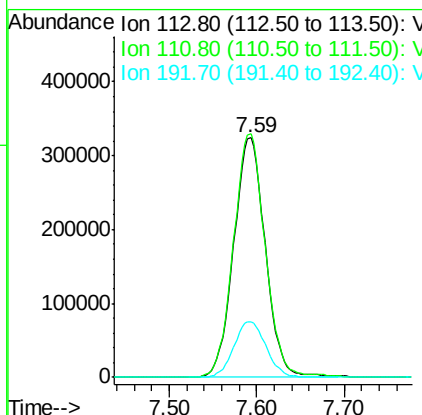
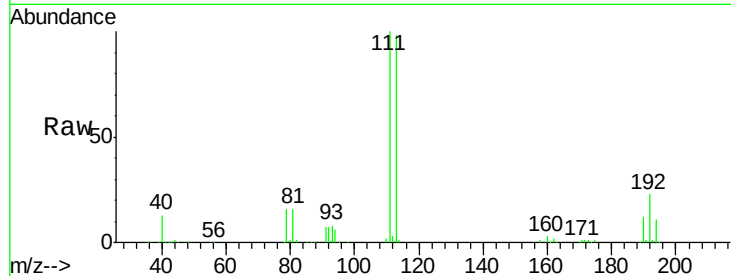




#35
 Dibromofluoromethane
 Concen: 47.940 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054362.D
 Acq: 17 Mar 2019 3:43

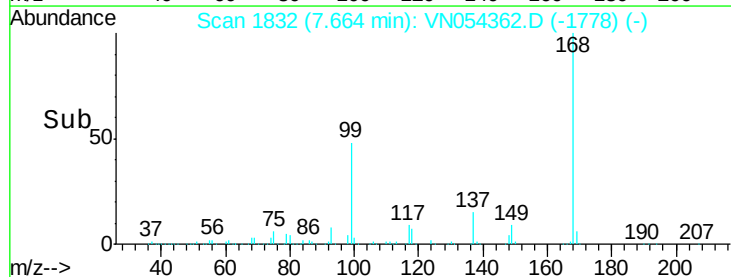
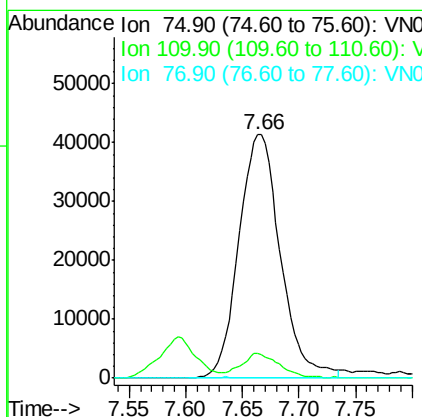
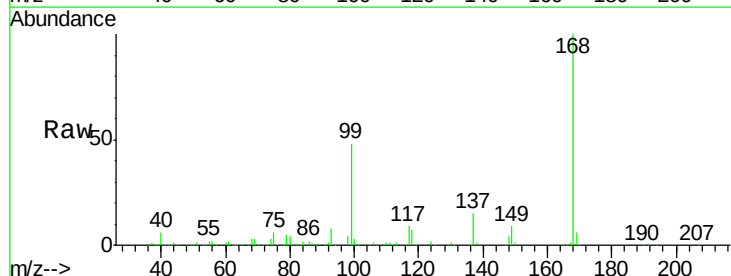
Instrument :
 MSVOA_N
 ClientSampleId :
 ORG-031419

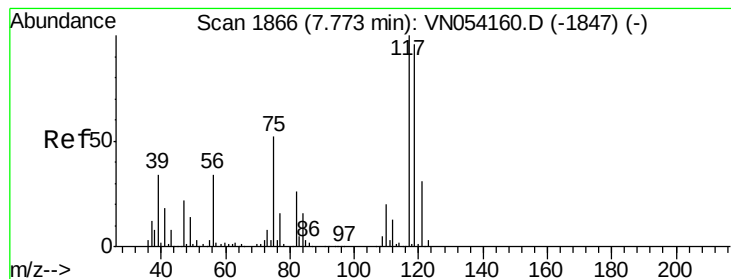
Tot Ion:113 Resp: 814223
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.2 123.4
 192 23.6 19.2 28.8



#36
 1,1-Dichloropropene
 Concen: 4.353 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN054362.D
 Acq: 17 Mar 2019 3:43

Tgt Ion: 75 Resp: 105570
 Ion Ratio Lower Upper
 75 100
 110 9.4 19.1 57.5#
 77 0.1 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.744 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN054362.D

Acq: 17 Mar 2019 3:43

Instrument :

MSVOA_N

ClientSampled :

ORG-031419

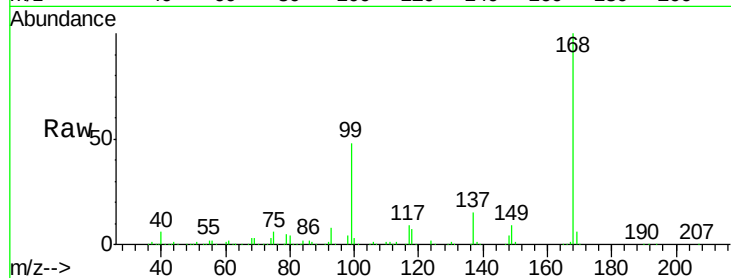
Tot Ion:117 Resp: 146068

Ion Ratio Lower Upper

117 100

119 4.0 76.3 114.5#

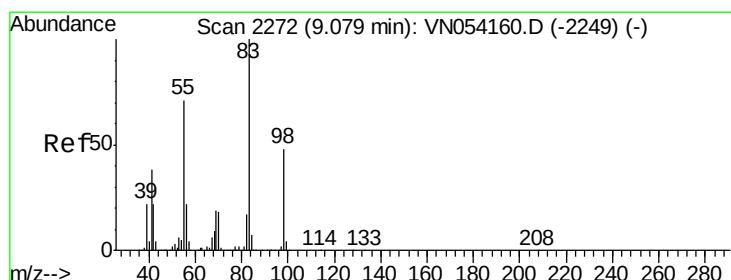
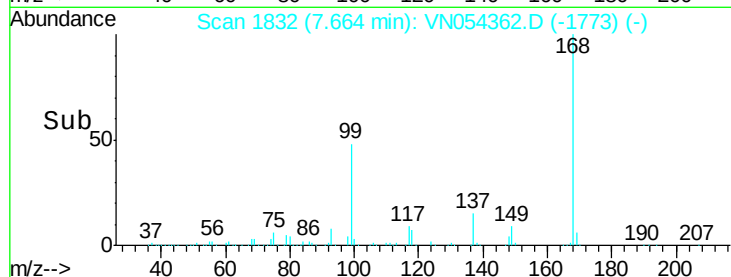
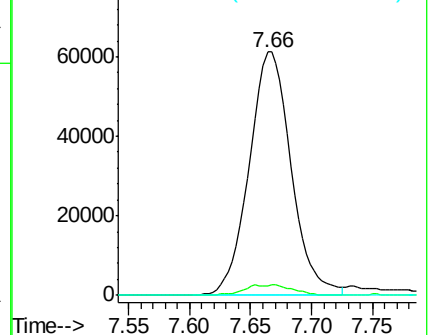
121 0.0 24.6 36.8#



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



#39

Methylcyclohexane

Concen: 1.040 ug/l

RT: 9.08 min Scan# 2272

Delta R.T. -0.00 min

Lab File: VN054362.D

Acq: 17 Mar 2019 3:43

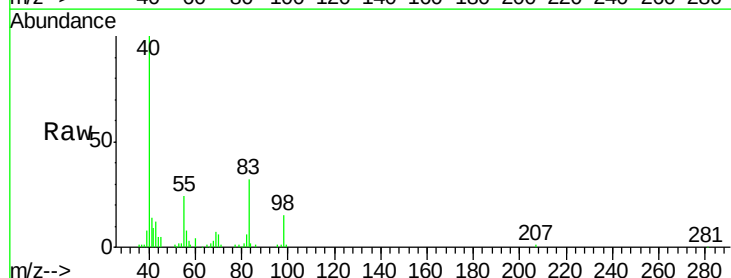
Tgt Ion: 83 Resp: 31043

Ion Ratio Lower Upper

83 100

55 73.9 56.6 84.8

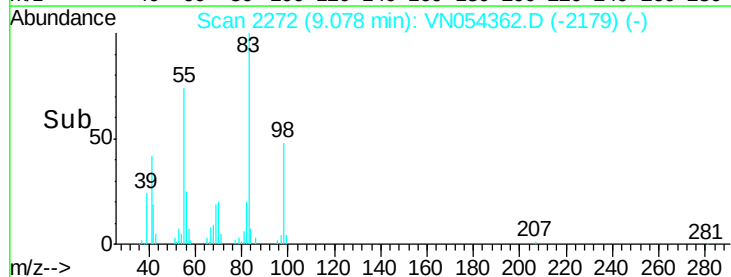
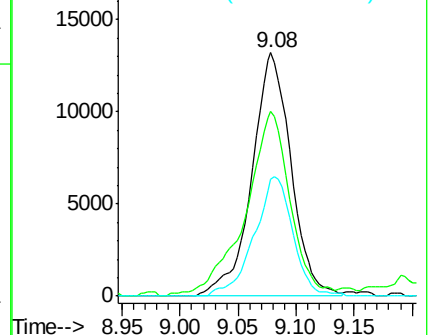
98 47.8 38.4 57.6

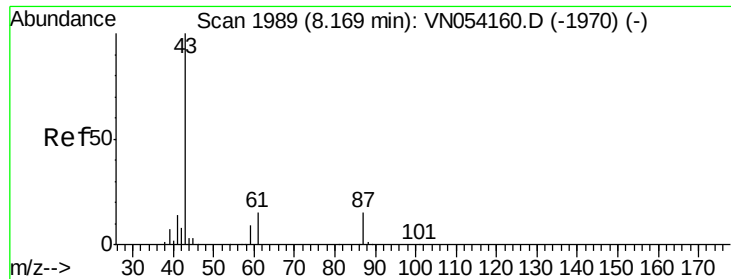


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.00 (97.70 to 98.70): V





#43

Isopropyl Acetate

Concen: 1.710 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. -0.00 min

Lab File: VN054362.D

Acq: 17 Mar 2019 3:43

Instrument :

MSVOA_N

ClientSampleId :

ORG-031419

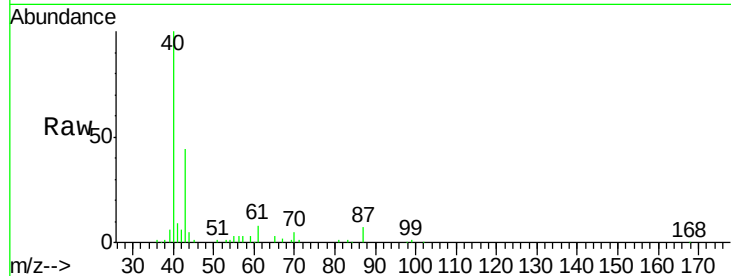
Tot Ion: 43 Resp: 41832

Ion Ratio Lower Upper

43 100

61 20.0 15.8 23.8

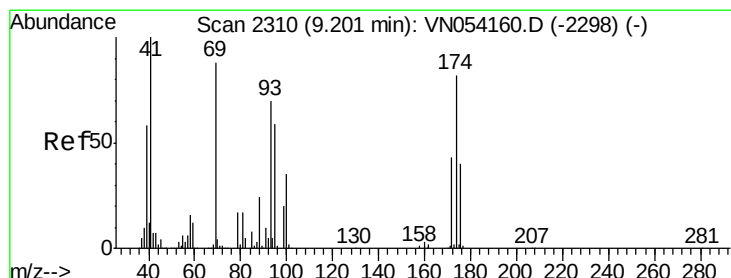
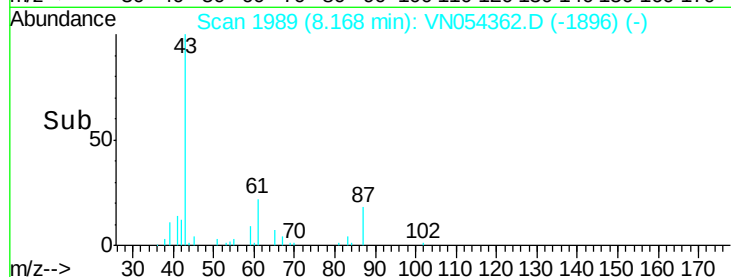
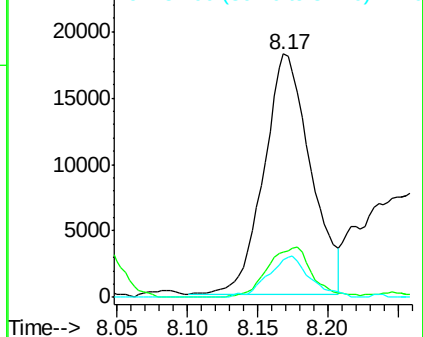
87 15.4 12.0 18.0



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



#48

Methyl methacrylate

Concen: 1.142 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. -0.02 min

Lab File: VN054362.D

Acq: 17 Mar 2019 3:43

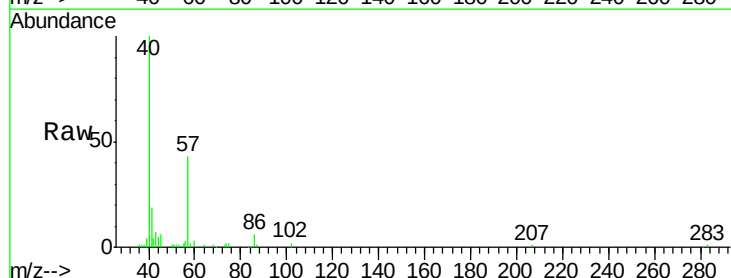
Tgt Ion: 41 Resp: 14169

Ion Ratio Lower Upper

41 100

69 0.0 72.6 108.8#

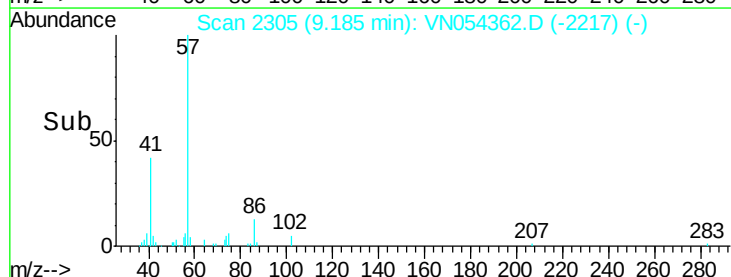
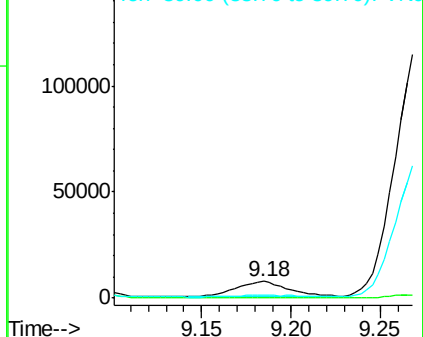
39 0.0 47.5 71.3#

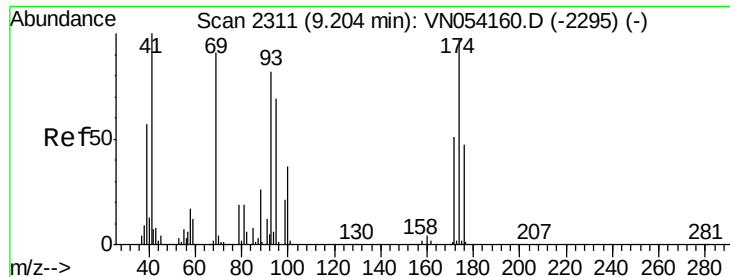


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 1.287 ug/l

RT: 9.26 min Scan# 2330

Delta R.T. 0.06 min

Lab File: VN054362.D

Acq: 17 Mar 2019 3:43

Instrument :

MSVOA_N

ClientSampleId :

ORG-031419

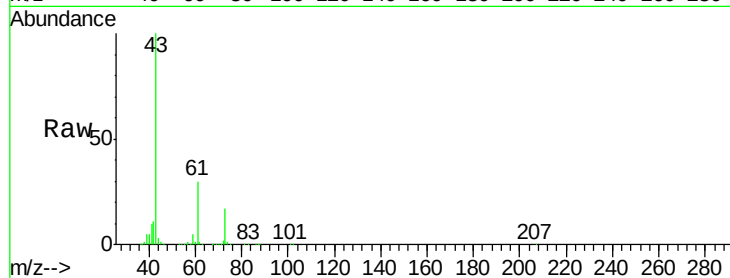
Tot Ion: 88 Resp: 226

Ion Ratio Lower Upper

88 100

43 1091822.6 24.1 36.1#

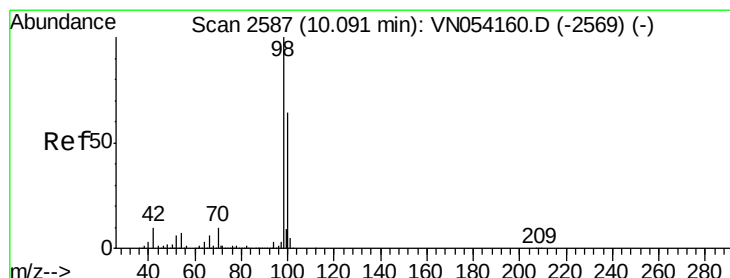
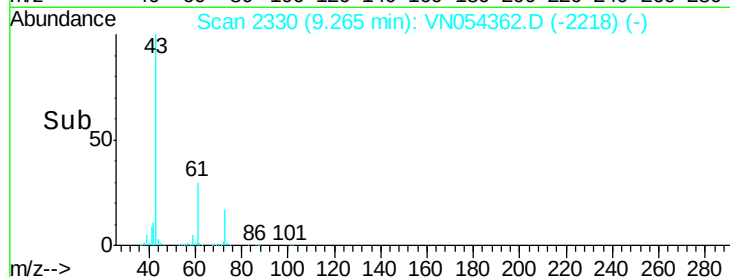
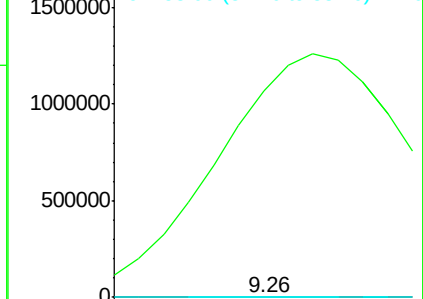
58 4791.6 50.8 76.2#



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: 47.992 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054362.D

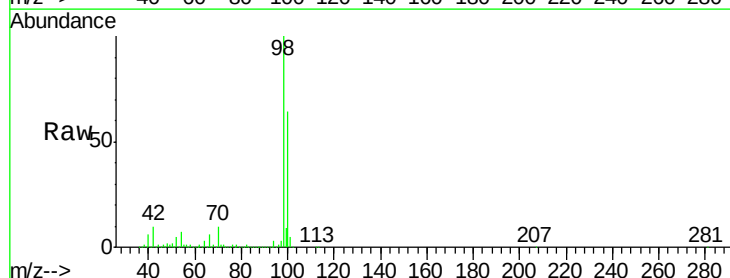
Acq: 17 Mar 2019 3:43

Tgt Ion: 98 Resp: 3010252

Ion Ratio Lower Upper

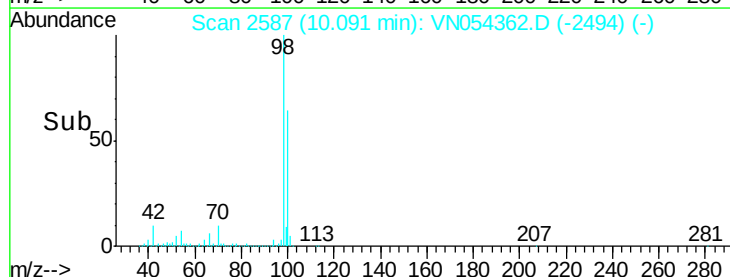
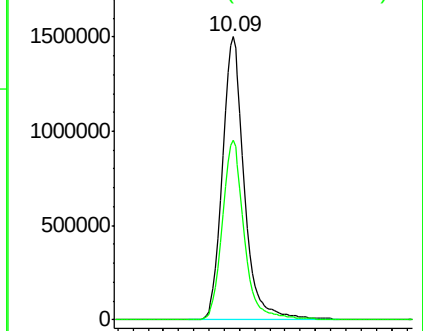
98 100

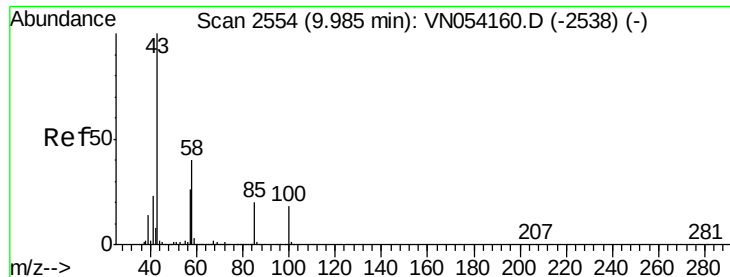
100 63.8 51.2 76.8



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: 1.153 ug/l

RT: 10.03 min Scan# 2567

Delta R.T. 0.04 min

Lab File: VN054362.D

Acq: 17 Mar 2019 3:43

Instrument :

MSVOA_N

ClientSampled :

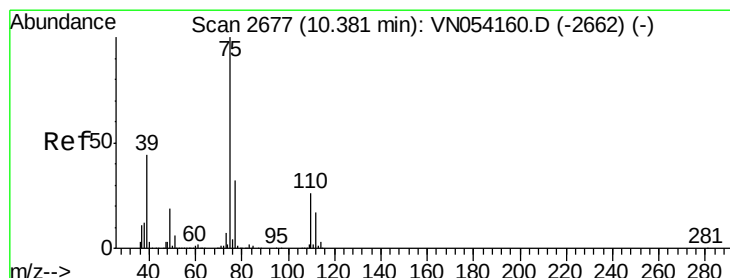
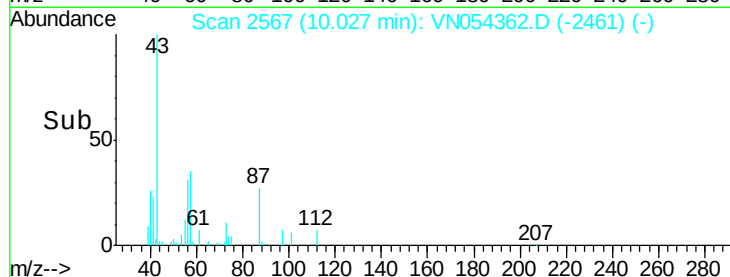
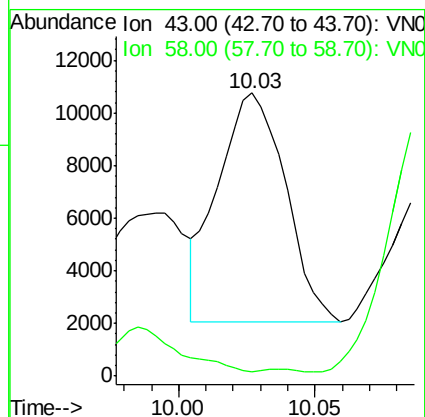
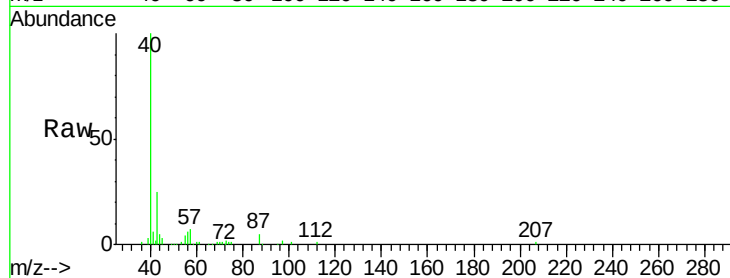
ORG-031419

Tot Ion: 43 Resp: 14926

Ion Ratio Lower Upper

43 100

58 0.0 31.8 47.6#



#53

t-1,3-Dichloropropene

Concen: 1.994 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. -0.00 min

Lab File: VN054362.D

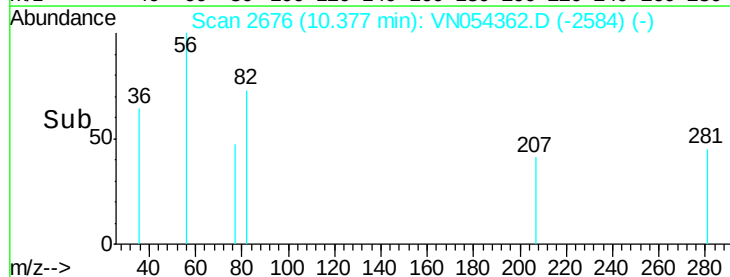
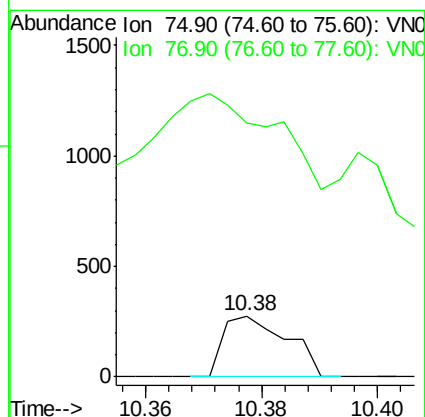
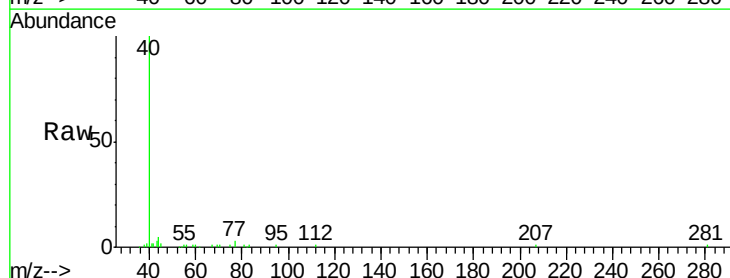
Acq: 17 Mar 2019 3:43

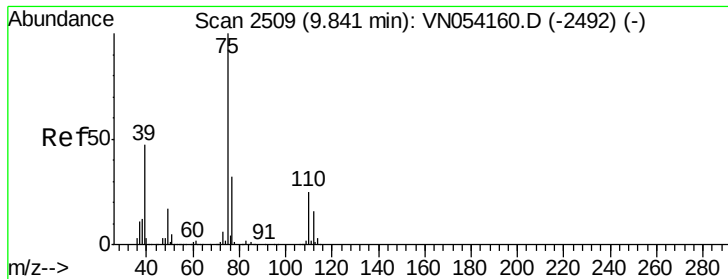
Tgt Ion: 75 Resp: 211

Ion Ratio Lower Upper

75 100

77 93.1 25.8 38.8#





#54

cis-1,3-Dichloropropene

Concen: 4.235 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN054362.D

Acq: 17 Mar 2019 3:43

Instrument :

MSVOA_N

ClientSampleId :

ORG-031419

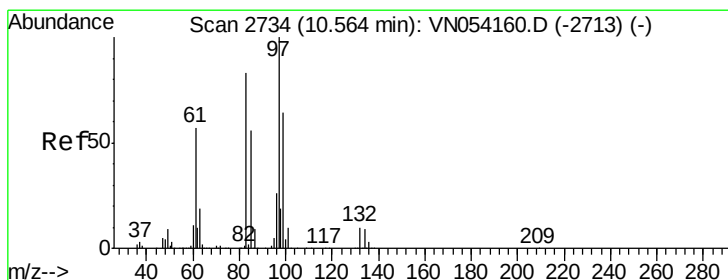
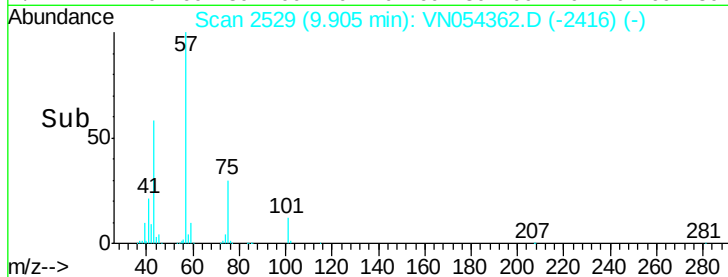
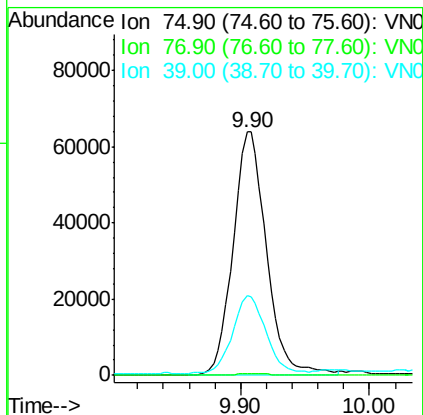
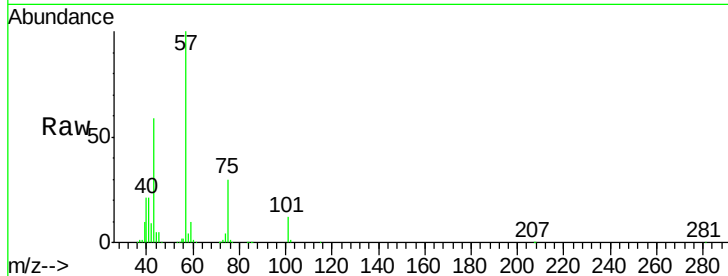
Tot Ion: 75 Resp: 115192

Ion Ratio Lower Upper

75 100

77 0.8 25.4 38.0#

39 31.7 37.2 55.8#



#55

1,1,2-Trichloroethane

Concen: 0.330 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.03 min

Lab File: VN054362.D

Acq: 17 Mar 2019 3:43

Tgt Ion: 97 Resp: 5296

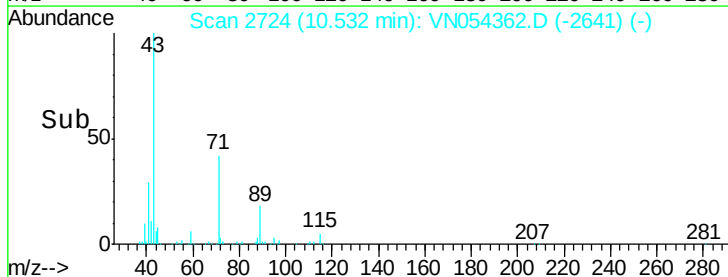
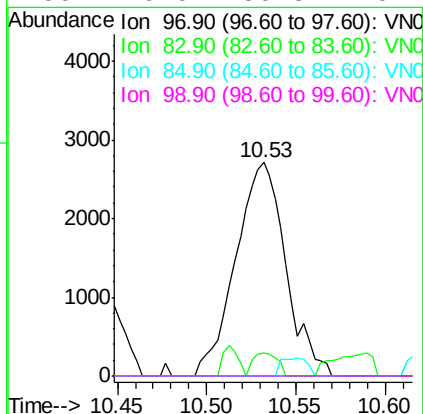
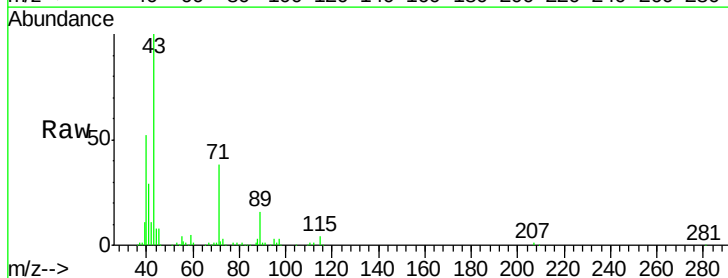
Ion Ratio Lower Upper

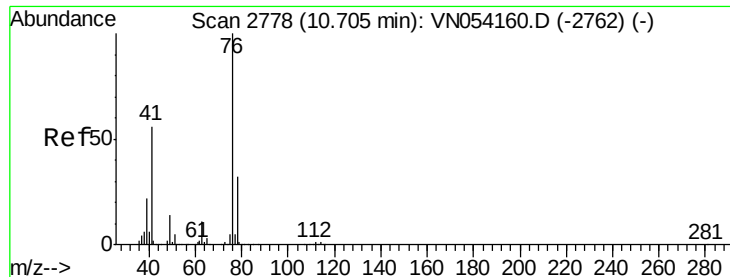
97 100

83 10.8 66.6 100.0#

85 0.0 44.4 66.6#

99 0.0 50.8 76.2#





#57

1,3-Dichloropropane

Concen: 0.844 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN054362.D

Acq: 17 Mar 2019 3:43

Instrument :

MSVOA_N

ClientSampled :

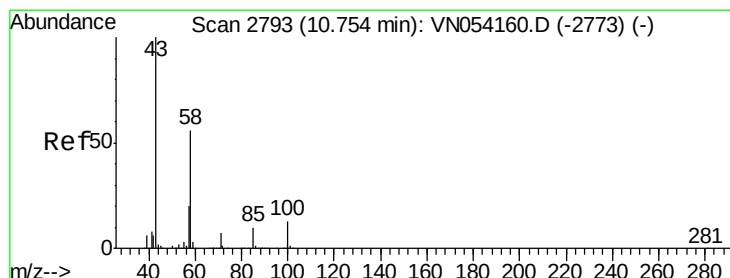
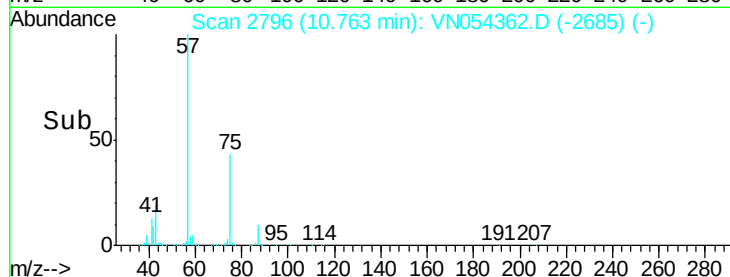
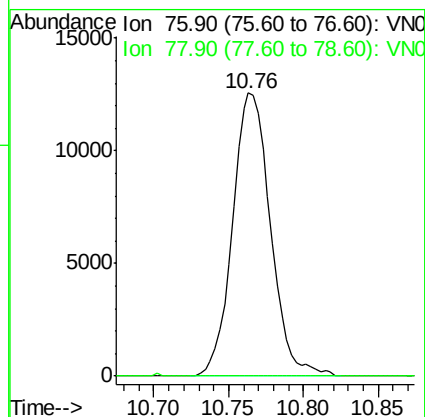
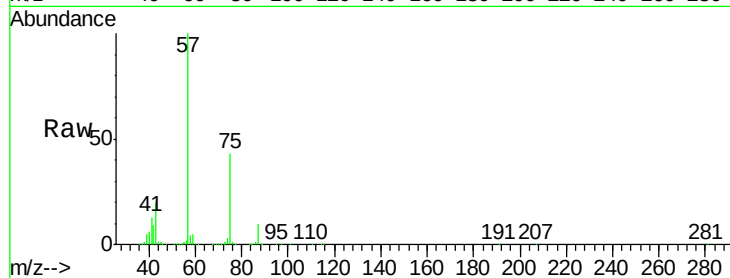
ORG-031419

Tot Ion: 76 Resp: 22165

Ion Ratio Lower Upper

76 100

78 0.0 25.7 38.5#



#59

2-Hexanone

Concen: 34.971 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.01 min

Lab File: VN054362.D

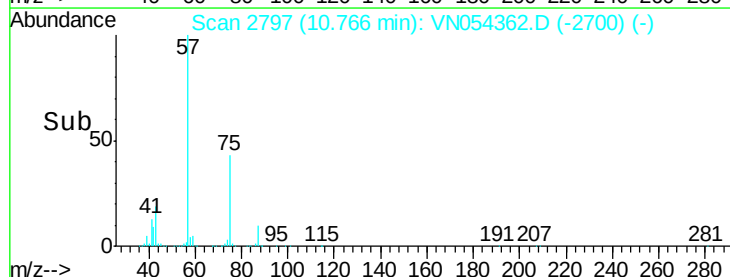
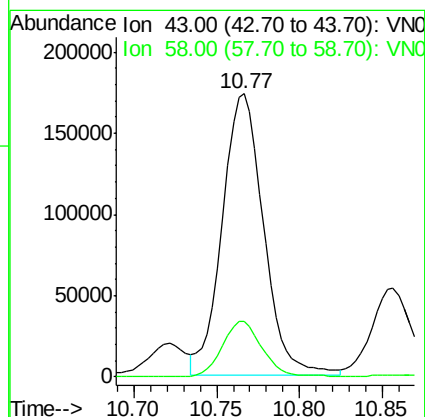
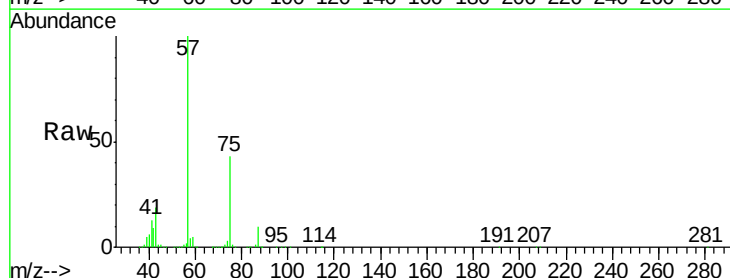
Acq: 17 Mar 2019 3:43

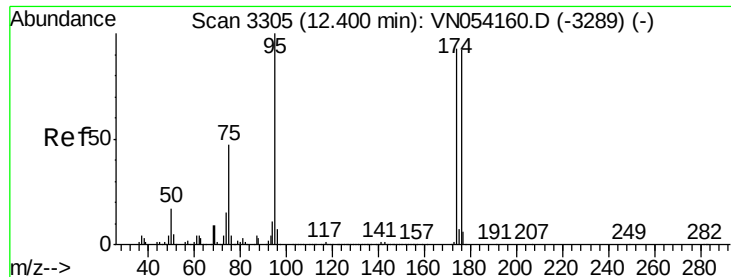
Tgt Ion: 43 Resp: 301196

Ion Ratio Lower Upper

43 100

58 19.4 28.0 83.9#





#62

4-Bromofluorobenzene

Concen: 40.850 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054362.D

Acq: 17 Mar 2019 3:43

Instrument :

MSVOA_N

ClientSampleId :

ORG-031419

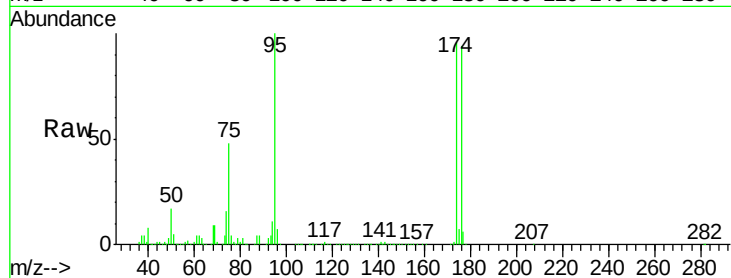
Tot Ion: 95 Resp: 896540

Ion Ratio Lower Upper

95 100

174 96.5 0.0 191.0

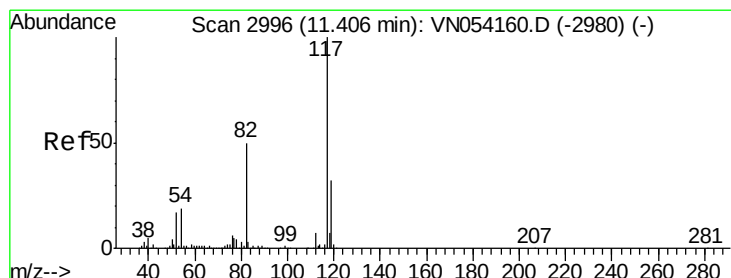
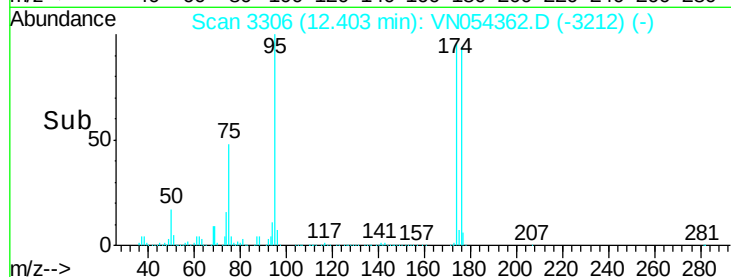
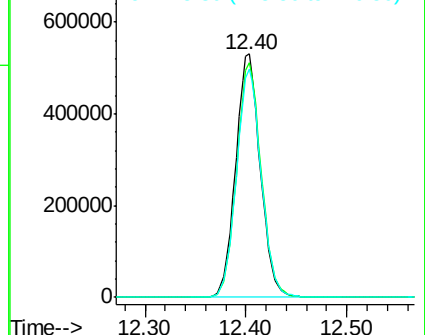
176 94.3 0.0 187.4



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# 2997

Delta R.T. 0.00 min

Lab File: VN054362.D

Acq: 17 Mar 2019 3:43

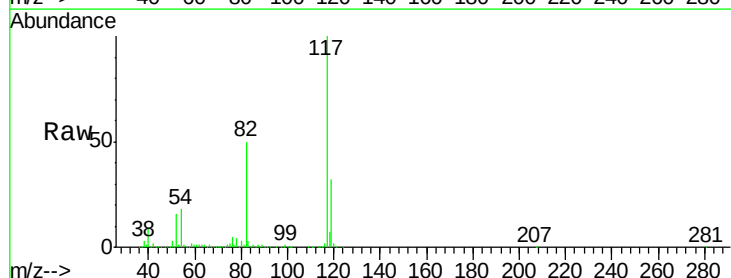
Tgt Ion: 117 Resp: 2191653

Ion Ratio Lower Upper

117 100

82 50.4 40.0 60.0

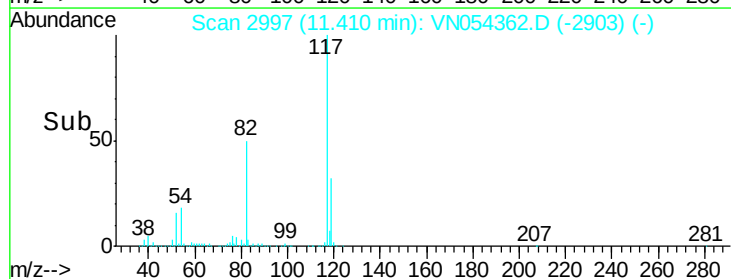
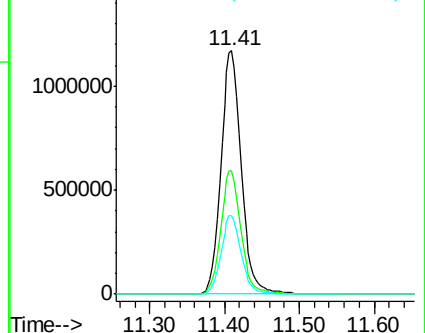
119 32.4 25.8 38.6

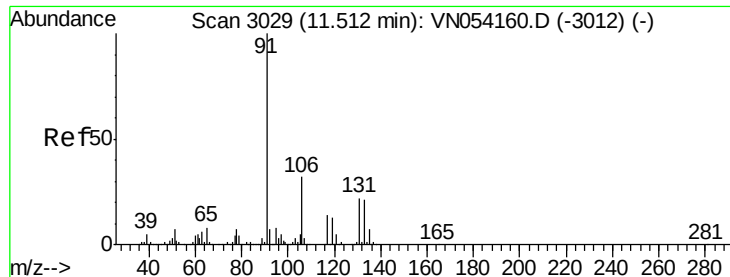


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

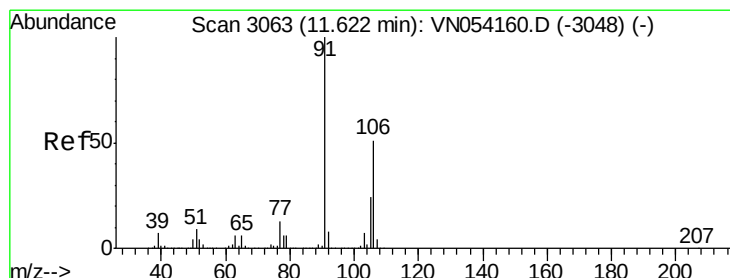
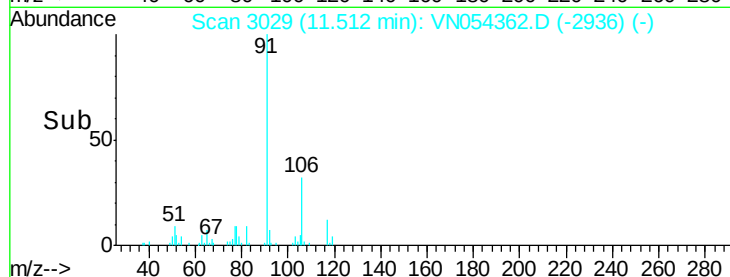
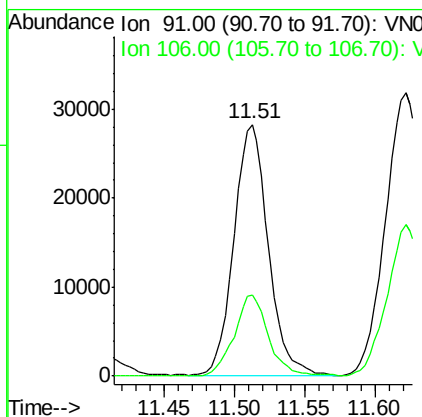
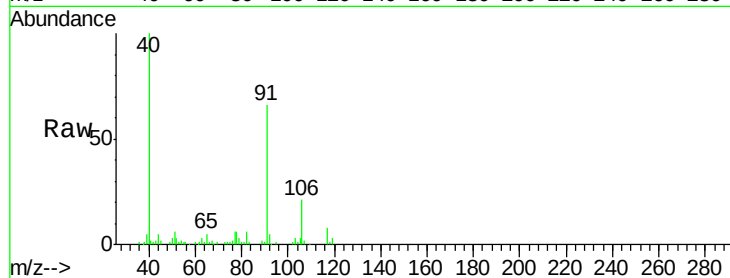




#67
Ethyl Benzene
Concen: 0.608 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN054362.D
Acq: 17 Mar 2019 3:43

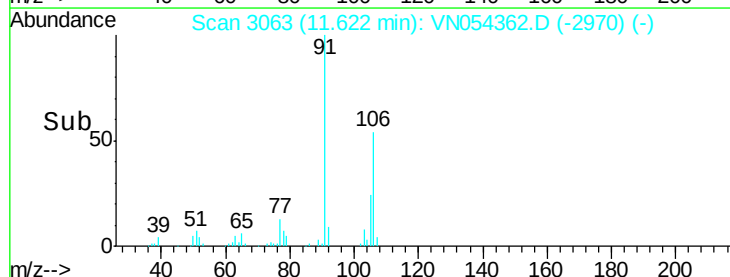
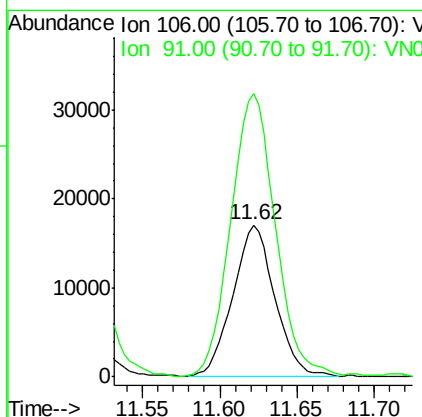
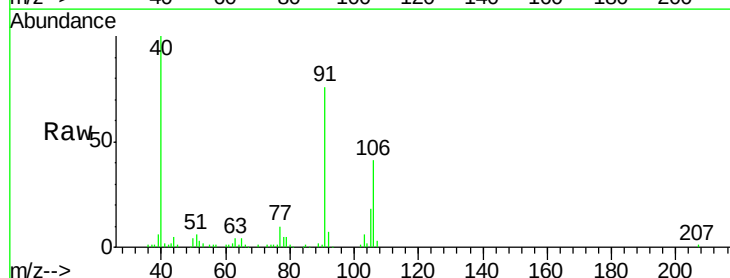
Instrument :
MSVOA_N
ClientSampled :
ORG-031419

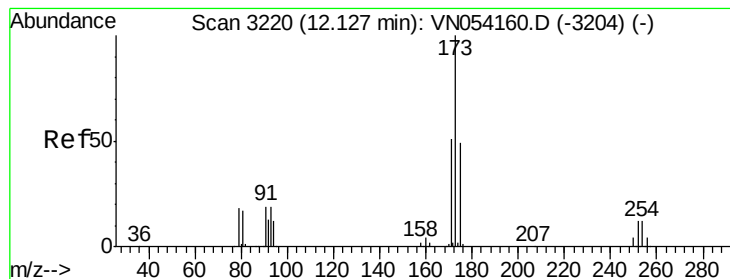
Tot Ion: 91 Resp: 48518
Ion Ratio Lower Upper
91 100
106 32.1 25.5 38.3



#68
m/p-Xylenes
Concen: 1.038 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN054362.D
Acq: 17 Mar 2019 3:43

Tgt Ion: 106 Resp: 32367
Ion Ratio Lower Upper
106 100
91 197.2 159.4 239.2





#71

Bromoform

Concen: 2.736 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN054362.D

Acq: 17 Mar 2019 3:43

Instrument :

MSVOA_N

ClientSampleId :

ORG-031419

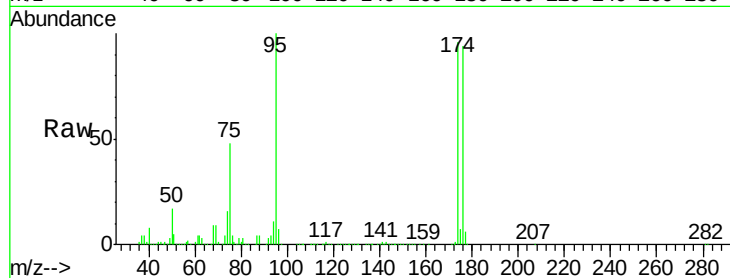
Tot Ion:173 Resp: 5394

Ion Ratio Lower Upper

173 100

175 946.6 24.4 73.2#

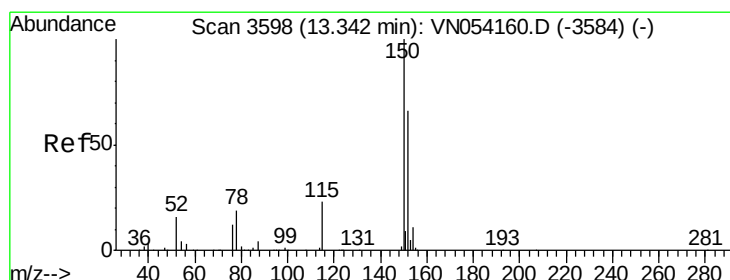
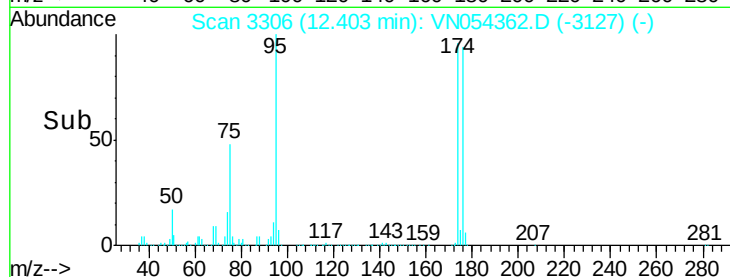
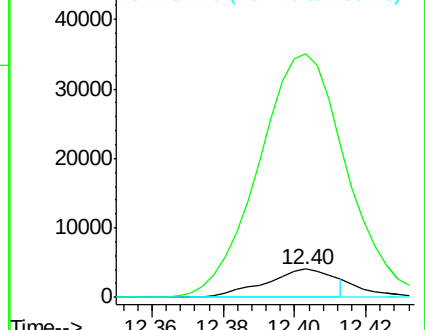
254 0.0 0.1 0.1#



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: VN054362.D

Acq: 17 Mar 2019 3:43

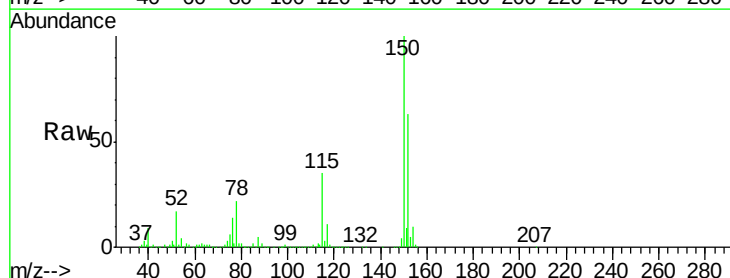
Tgt Ion:152 Resp: 832603

Ion Ratio Lower Upper

152 100

115 55.5 27.2 81.6

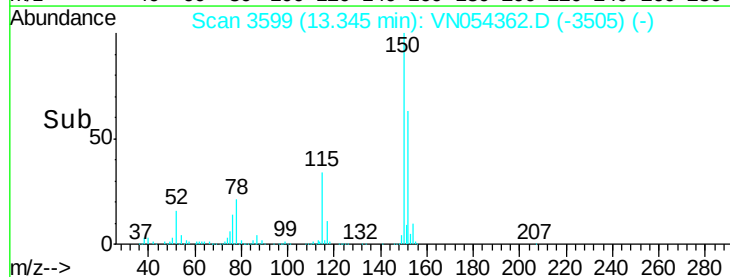
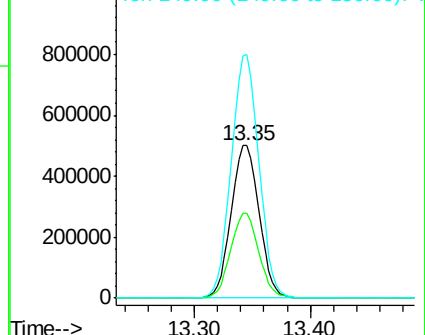
150 157.8 0.0 349.2

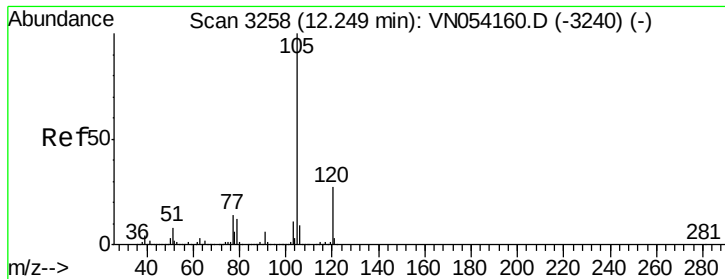


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.360 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN054362.D

Acq: 17 Mar 2019 3:43

Instrument :

MSVOA_N

ClientSampleId :

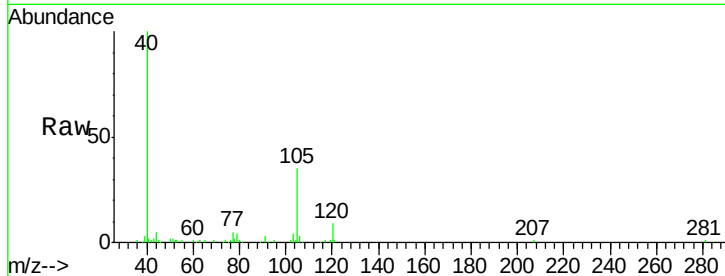
ORG-031419

Tot Ion:105 Resp: 23988

Ion Ratio Lower Upper

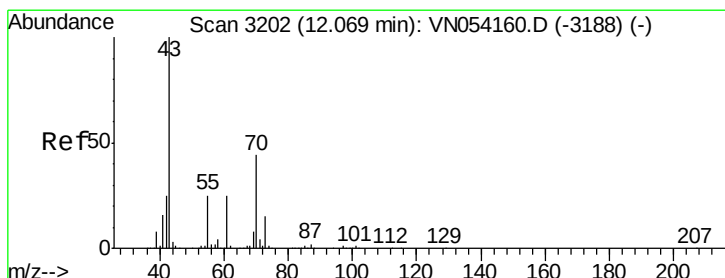
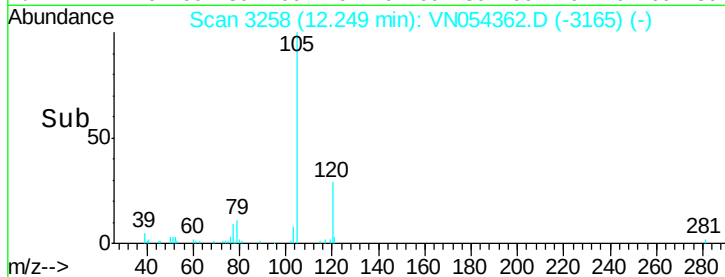
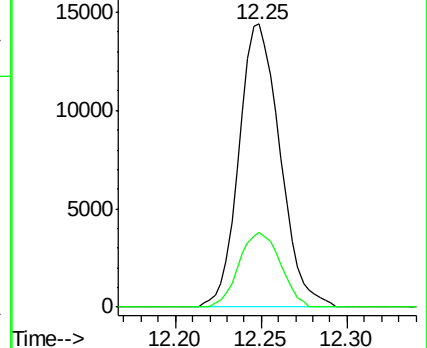
105 100

120 26.5 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 2.209 ug/l

RT: 11.88 min Scan# 3143

Delta R.T. -0.19 min

Lab File: VN054362.D

Acq: 17 Mar 2019 3:43

Tgt Ion: 43 Resp: 32663

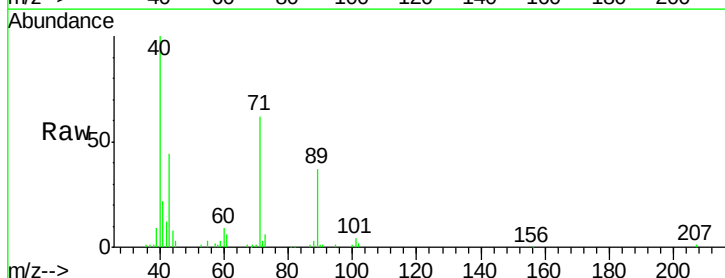
Ion Ratio Lower Upper

43 100

70 3.2 35.4 53.0#

55 4.2 19.8 29.6#

61 10.8 19.8 29.6#

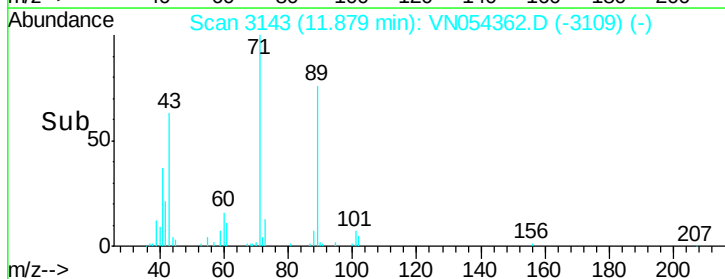
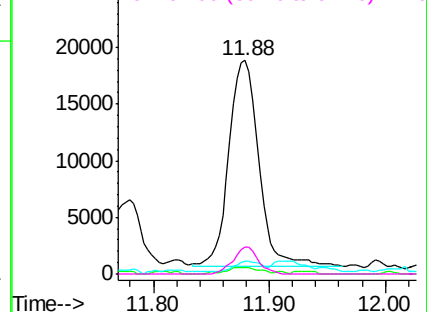


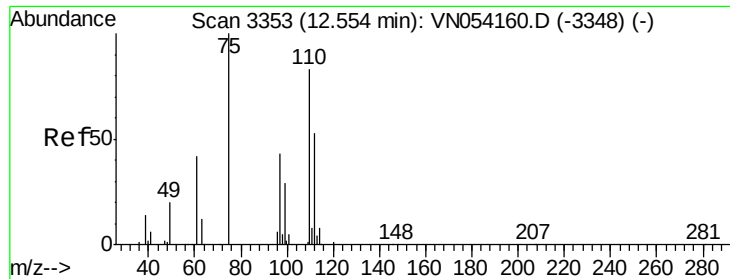
Abundance Ion 43.00 (42.70 to 43.70): V

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: 35.329 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN054362.D

Acq: 17 Mar 2019 3:43

Instrument :

MSVOA_N

ClientSampled :

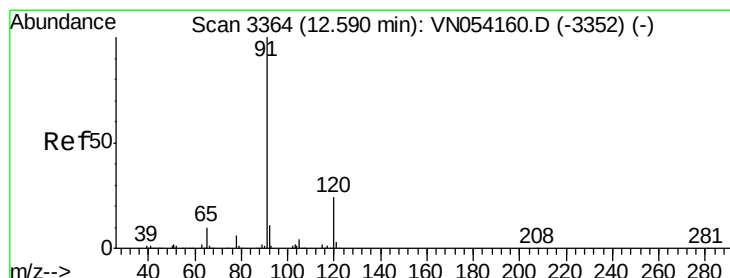
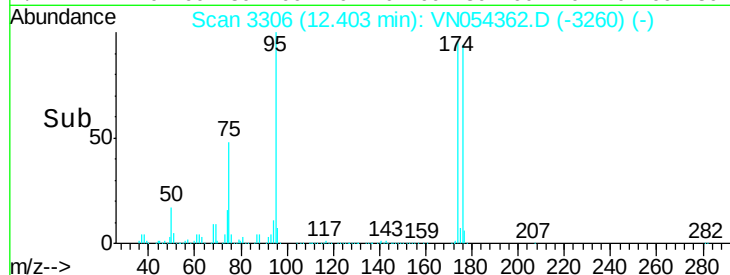
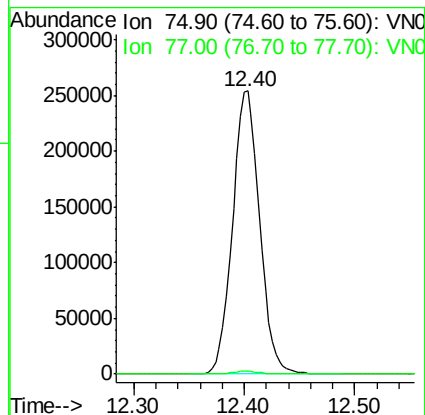
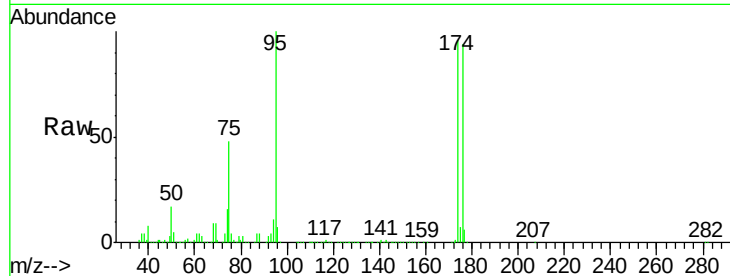
ORG-031419

Tot Ion: 75 Resp: 432558

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#78

n-propylbenzene

Concen: 0.905 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN054362.D

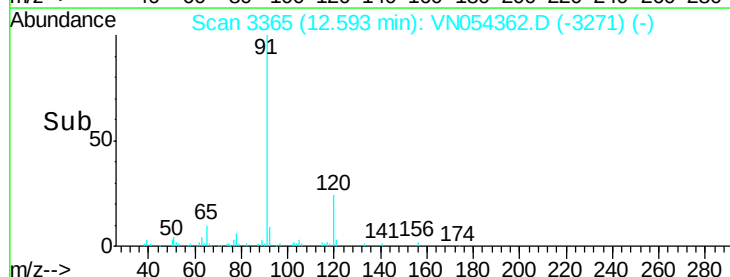
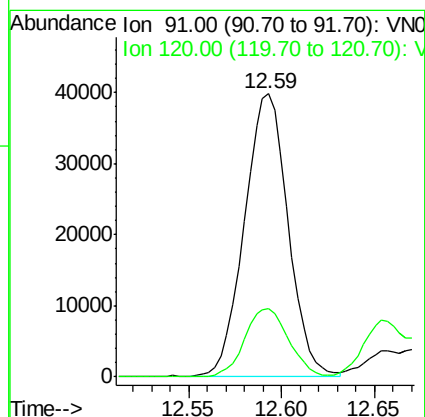
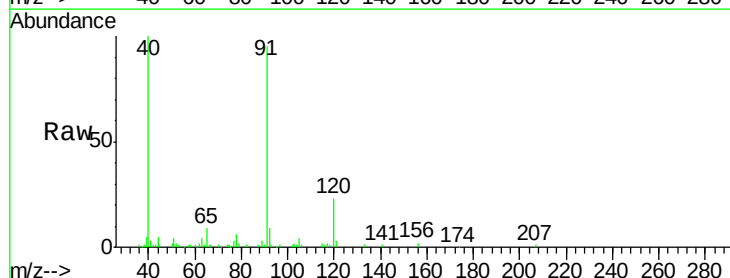
Acq: 17 Mar 2019 3:43

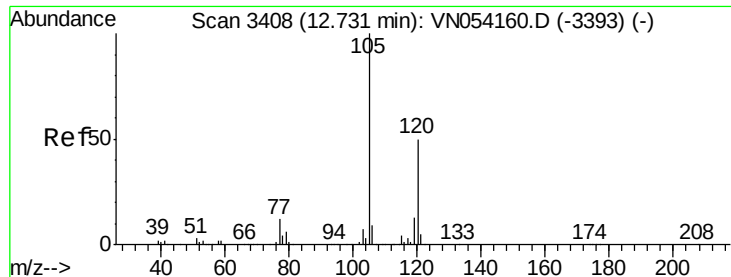
Tgt Ion: 91 Resp: 65437

Ion Ratio Lower Upper

91 100

120 24.2 12.3 36.9





#80

1,3,5-Trimethylbenzene

Concen: 1.803 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN054362.D

Acq: 17 Mar 2019 3:43

Instrument :

MSVOA_N

ClientSampled :

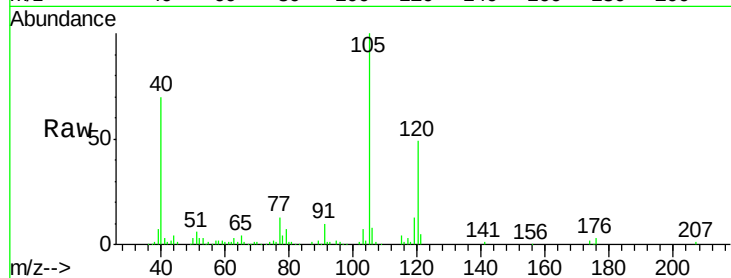
ORG-031419

Tot Ion:105 Resp: 99899

Ion Ratio Lower Upper

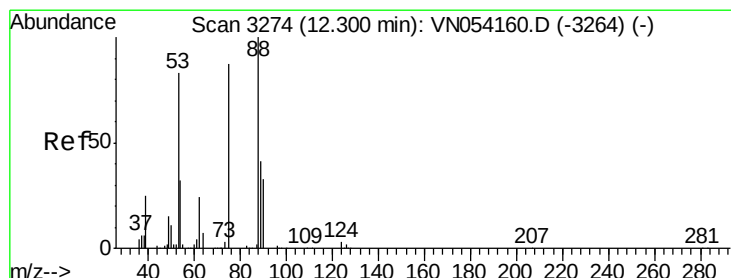
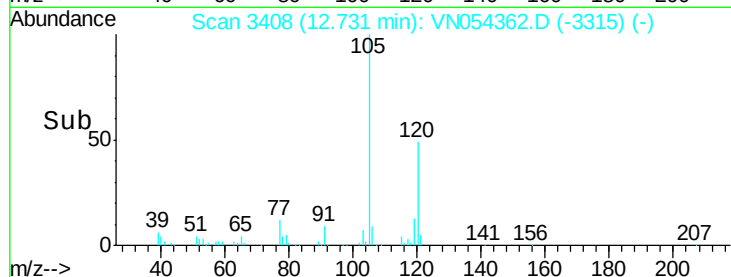
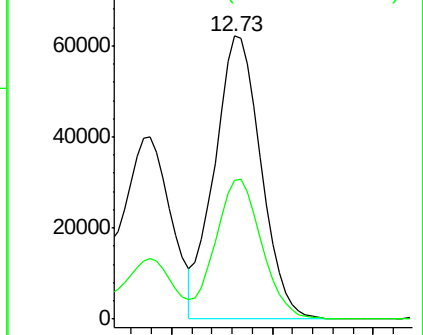
105 100

120 49.3 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: 120.769 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN054362.D

Acq: 17 Mar 2019 3:43

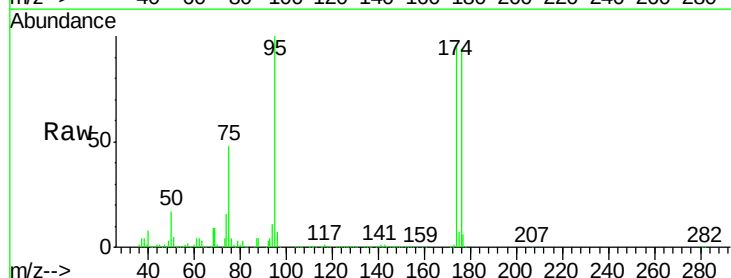
Tgt Ion: 75 Resp: 432558

Ion Ratio Lower Upper

75 100

53 0.1 76.2 114.2#

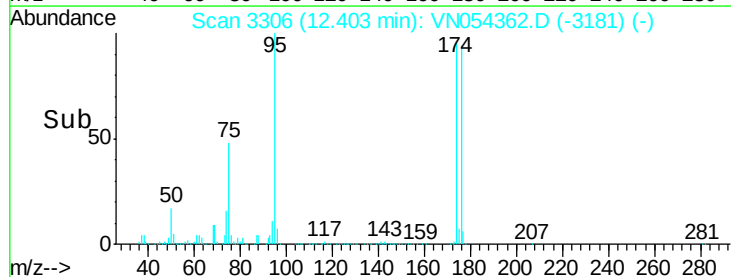
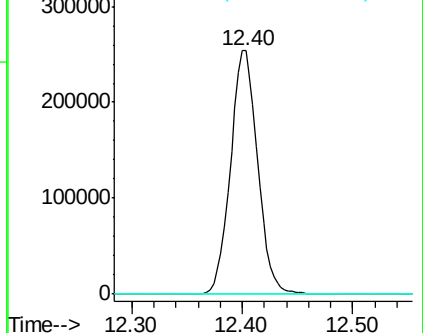
89 0.0 39.2 58.8#

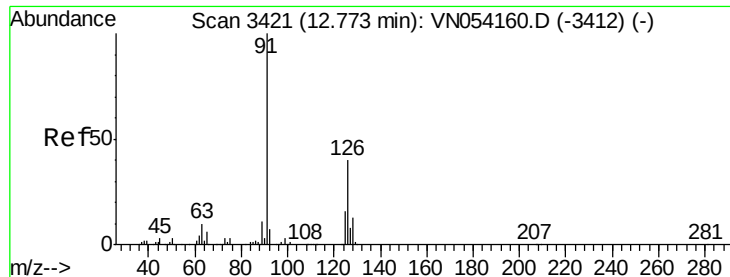


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#82

4-Chlorotoluene

Concen: 0.206 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.04 min

Lab File: VN054362.D

Acq: 17 Mar 2019 3:43

Instrument :

MSVOA_N

ClientSampled :

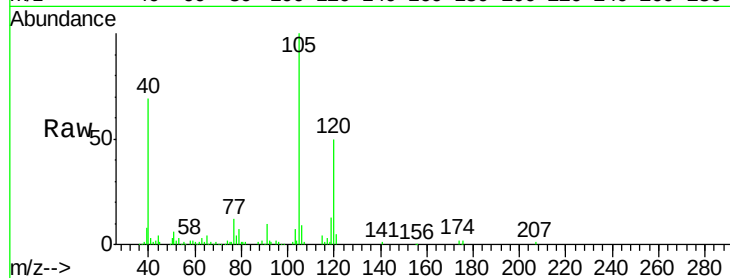
ORG-031419

Tot Ion: 91 Resp: 8946

Ion Ratio Lower Upper

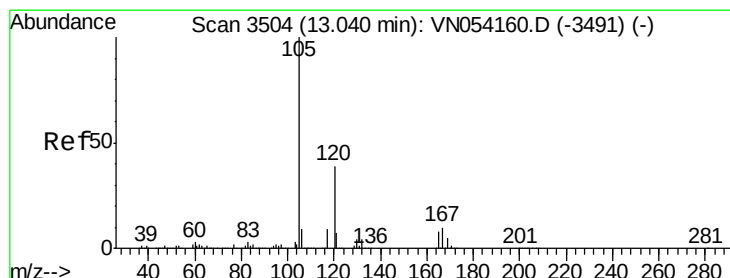
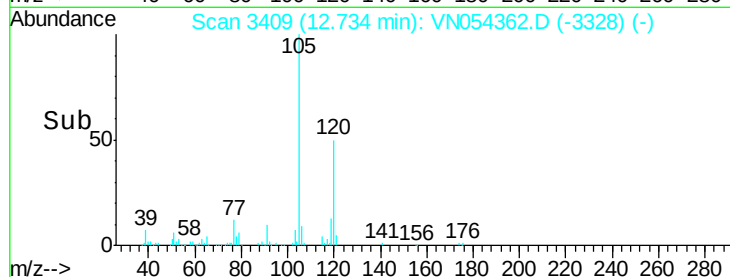
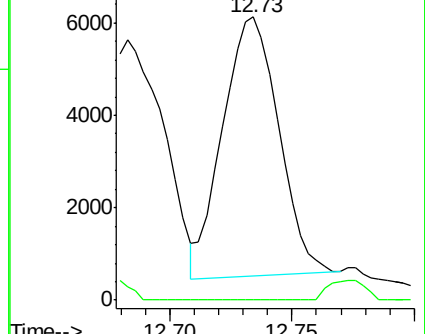
91 100

126 0.0 18.1 54.1#



Abundance Ion 91.00 (90.70 to 91.70): VN054160.D (-3412) (-)

Ion 125.90 (125.60 to 126.60): VN054160.D (-3412) (-)



#84

1,2,4-Trimethylbenzene

Concen: 4.121 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN054362.D

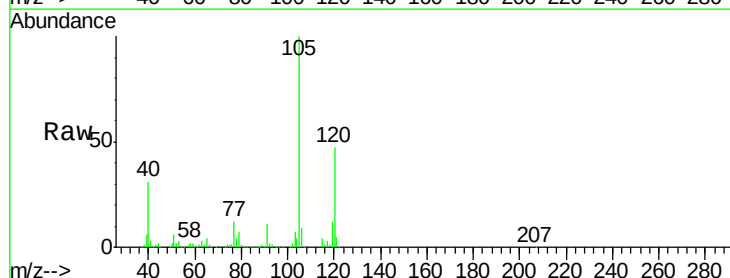
Acq: 17 Mar 2019 3:43

Tgt Ion: 105 Resp: 224030

Ion Ratio Lower Upper

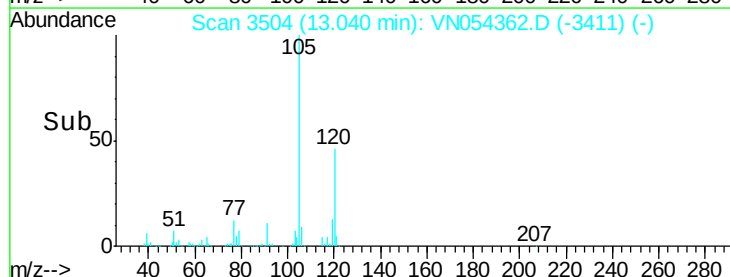
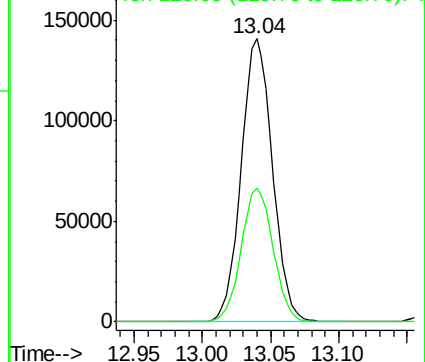
105 100

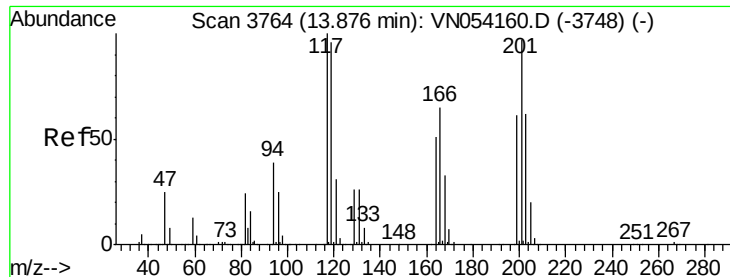
120 48.1 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): VN054160.D (-3491) (-)

Ion 120.00 (119.70 to 120.70): VN054160.D (-3491) (-)





#90

Hexachloroethane

Concen: 1.305 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN054362.D

Acq: 17 Mar 2019 3:43

Instrument :

MSVOA_N

ClientSampleId :

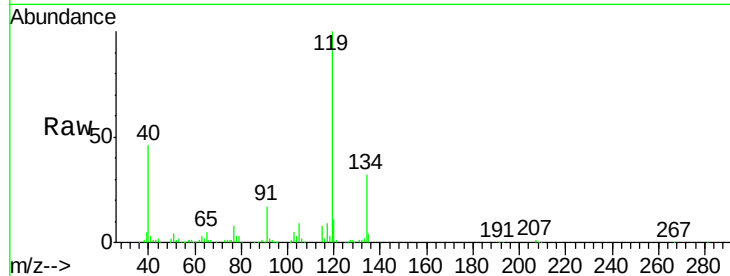
ORG-031419

Tot Ion:117 Resp: 12541

Ion Ratio Lower Upper

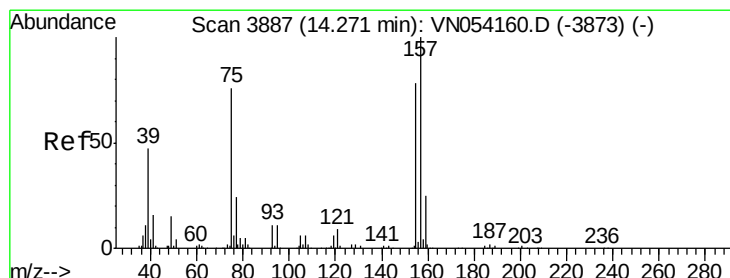
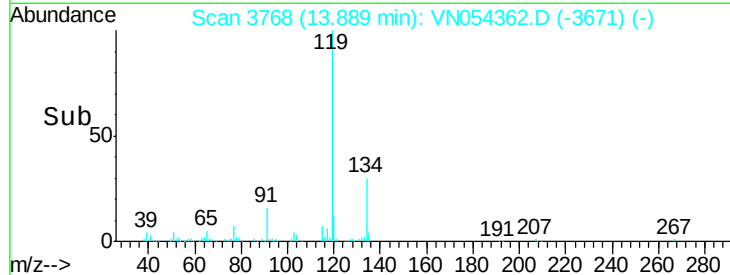
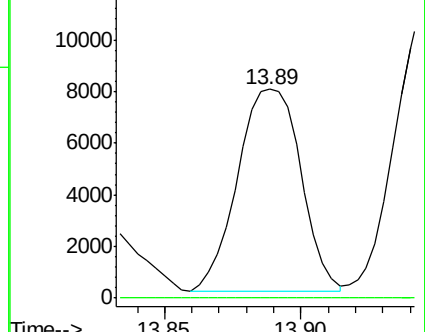
117 100

201 0.0 48.1 144.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.445 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. -0.03 min

Lab File: VN054362.D

Acq: 17 Mar 2019 3:43

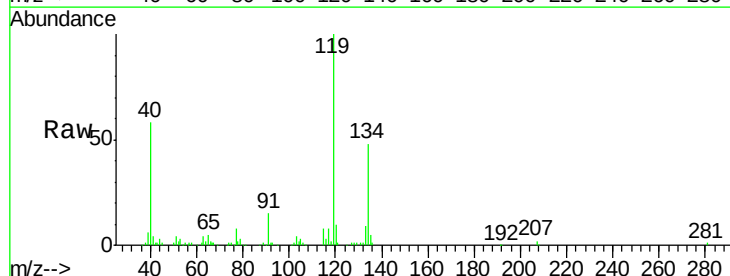
Tgt Ion: 75 Resp: 978

Ion Ratio Lower Upper

75 100

155 0.0 50.1 150.3#

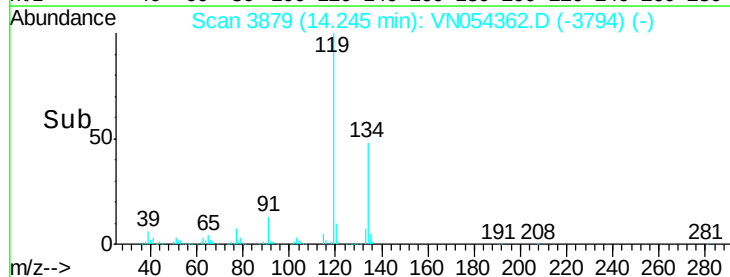
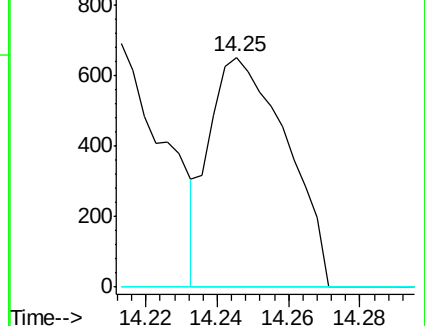
157 0.0 63.1 189.3#

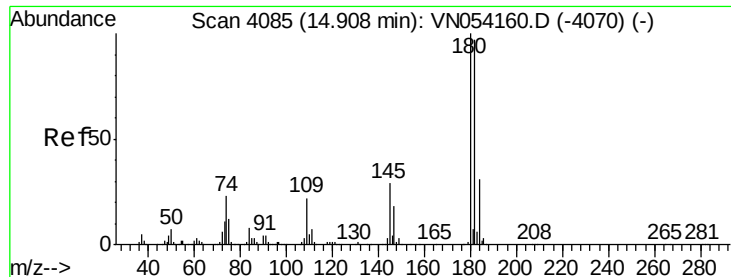


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 2.555 ug/l

RT: 14.90 min Scan# 4083

Delta R.T. -0.01 min

Lab File: VN054362.D

Acq: 17 Mar 2019 3:43

Instrument :

MSVOA_N

ClientSampled :

ORG-031419

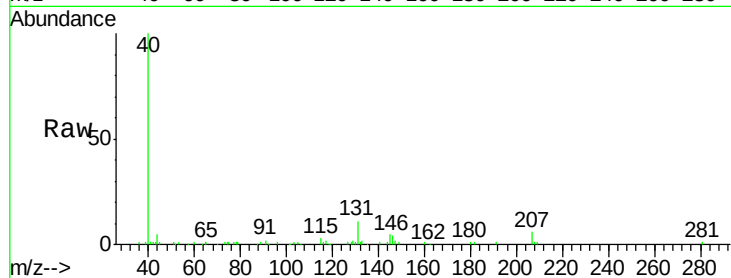
Tot Ion:180 Resp: 701

Ion Ratio Lower Upper

180 100

182 163.5 48.0 144.2#

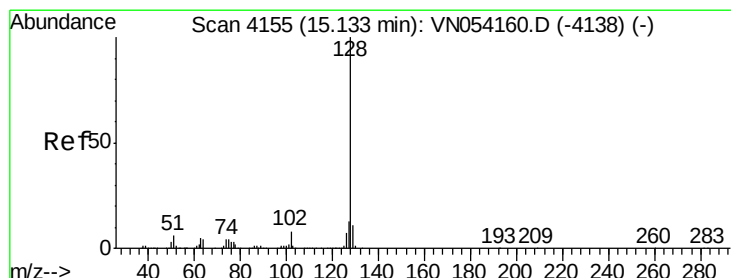
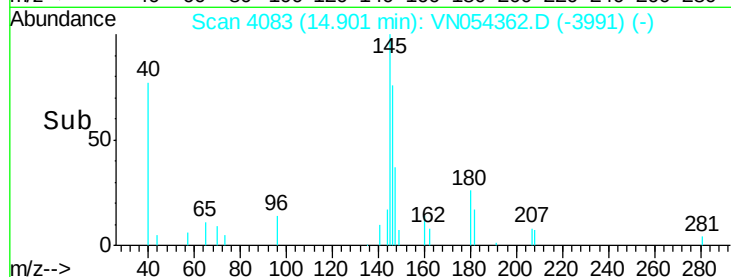
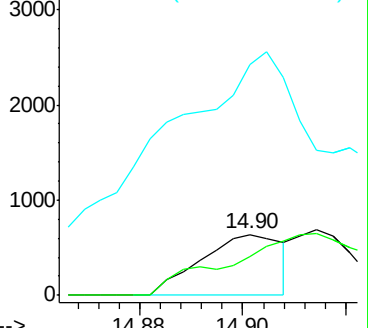
145 513.3 14.2 42.8#



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: 7.941 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN054362.D

Acq: 17 Mar 2019 3:43

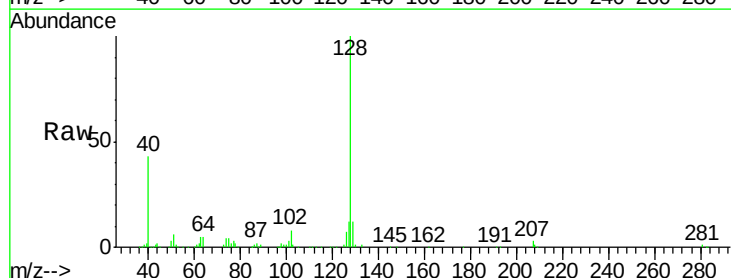
Tgt Ion:128 Resp: 175468

Ion Ratio Lower Upper

128 100

127 12.3 10.1 15.1

129 11.0 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

