

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061418\
 Data File : VN049240.D
 Acq On : 14 Jun 2018 20:34
 Operator : MD\SY
 Sample : J3447-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 15 04:07:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061318W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 14 05:15:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	646986	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1251218	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1331796	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	455968	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	469566	44.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.90%	
35) Dibromofluoromethane	7.59	113	415013	40.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.14%	
50) Toluene-d8	10.09	98	1636984	40.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.26%	
62) 4-Bromofluorobenzene	12.41	95	621635	46.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.98%	

Target Compounds

						Qvalue
3) Chloromethane	2.06	50	2247	0.24	ug/l	93
13) Acrolein	3.80	56	27789	35.84	ug/l	87
14) Allyl chloride	4.53	41	145820	9.61	ug/l #	54
16) Acetone	3.80	43	83929	33.62	ug/l #	57
18) Methyl Acetate	4.33	43	12509	Below Cal	#	88
20) Methylene Chloride	4.54	84	6257	0.62	ug/l #	27
24) 1,1-Dichloroethane	5.85	63	27956	1.55	ug/l #	93
25) 2-Butanone	6.82	43	14484	4.05	ug/l #	50
30) Chloroform	7.33	83	8722	0.50	ug/l #	18
31) Cyclohexane	7.66	56	14408	0.57	ug/l #	4
36) 1,1-Dichloropropene	7.67	75	51974	3.32	ug/l #	50
38) Carbon Tetrachloride	7.67	117	61041	3.88	ug/l #	18
39) Methylcyclohexane	9.05	83	89926	5.57	ug/l #	26
43) Isopropyl Acetate	8.15	43	80445	4.43	ug/l #	64
44) Trichloroethene	8.84	130	9060	0.77	ug/l	96
48) Methyl methacrylate	9.23	41	6750	0.76	ug/l #	38
49) 1,4-Dioxane	9.24	88	29	0.28	ug/l #	1
51) 4-Methyl-2-Pentanone	10.00	43	5405	0.56	ug/l #	39
55) 1,1,2-Trichloroethane	10.53	97	219868	21.74	ug/l #	17
56) Ethyl methacrylate	10.44	69	159782	13.11	ug/l #	35
58) 2-Chloroethyl Vinyl ether	9.72	63	353	13.26	ug/l #	51
61) 1,2-Dibromoethane	10.98	107	3075	0.33	ug/l #	1
68) m/p-Xylenes	11.63	106	5014	0.23	ug/l #	14
74) N-ethyl acetate	12.08	43	3186	0.26	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.53	83	534	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.40	75	305403	39.98	ug/l #	100
77) Bromobenzene	12.53	156	102	Below Cal	#	1
81) trans-1,4-Dichloro-2-buten	12.40	75	305403	111.91	ug/l #	8
83) tert-Butylbenzene	12.99	119	13061	0.45	ug/l #	60
84) 1,2,4-Trimethylbenzene	13.17	105	191077	5.72	ug/l #	32
85) sec-Butylbenzene	13.17	105	191077	4.95	ug/l	88
87) 1,3-Dichlorobenzene	13.29	146	3910	0.23	ug/l #	77
89) n-Butylbenzene	13.60	91	12051	1.98	ug/l #	14
90) Hexachloroethane	13.88	117	999	Below Cal	#	9

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061418\
Data File : VN049240.D
Acq On : 14 Jun 2018 20:34
Operator : MD\SY
Sample : J3447-03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jun 15 04:07:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061318W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 14 05:15:23 2018
Response via : Initial Calibration

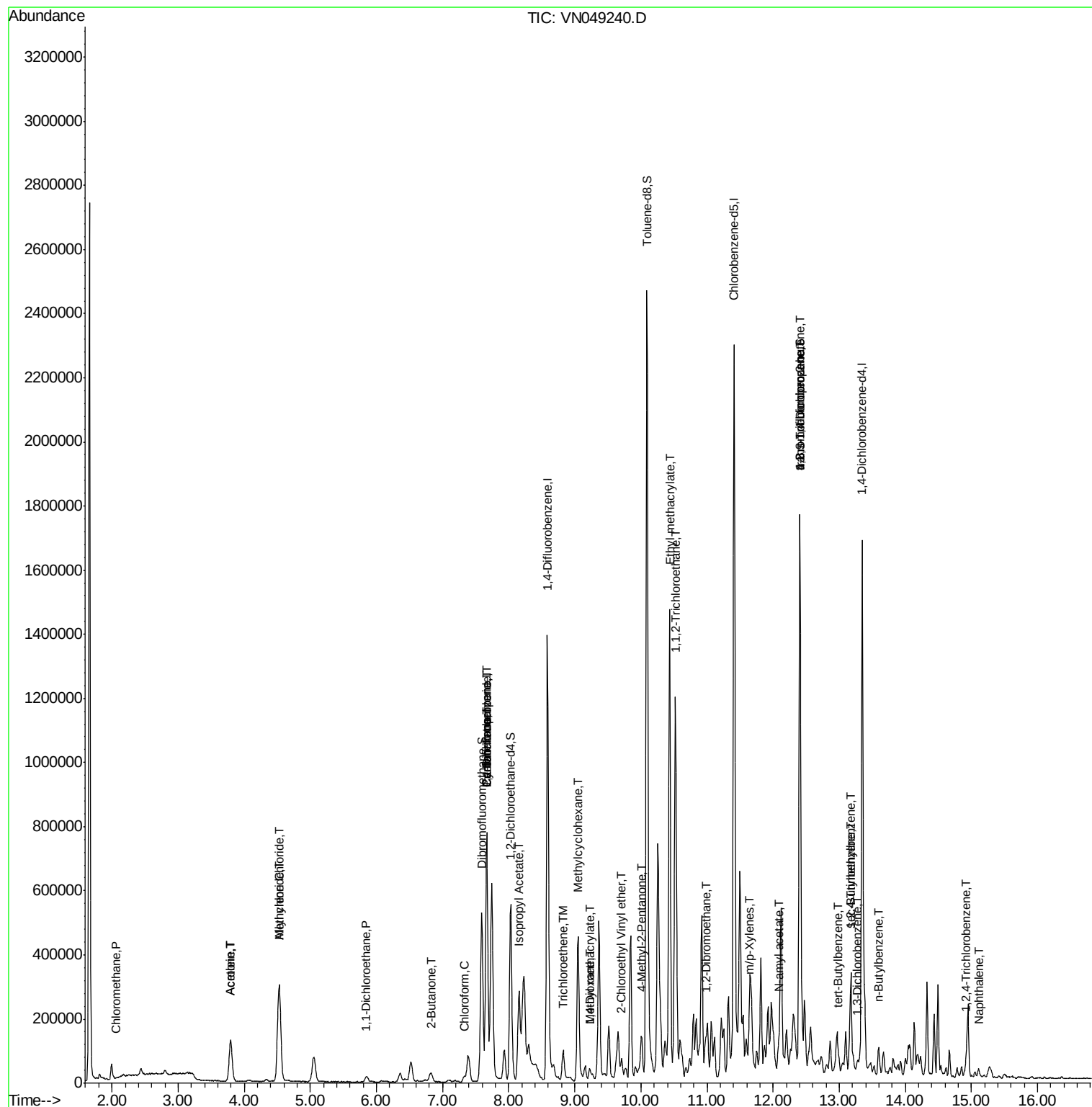
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	345	4.43	ug/l #	1
95) Naphthalene	15.11	128	2496	5.56	ug/l #	82

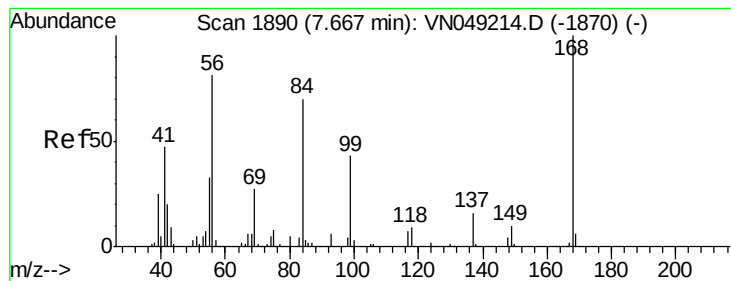
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061418\
Data File : VN049240.D
Acq On : 14 Jun 2018 20:34
Operator : MD\SY
Sample : J3447-03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jun 15 04:07:38 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061318W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 14 05:15:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049240.D

Acq: 14 Jun 2018 20:34

Instrument :

MSVOA_N

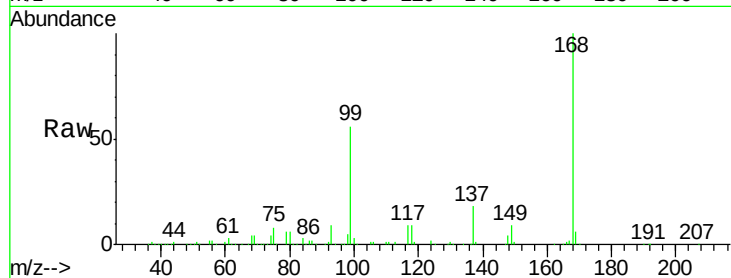
ClientSampled :

Tot Ion:168 Resp: 646986

Ion Ratio Lower Upper

168 100

99 55.6 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

150000

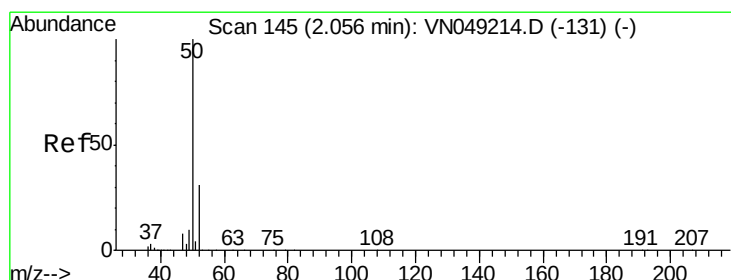
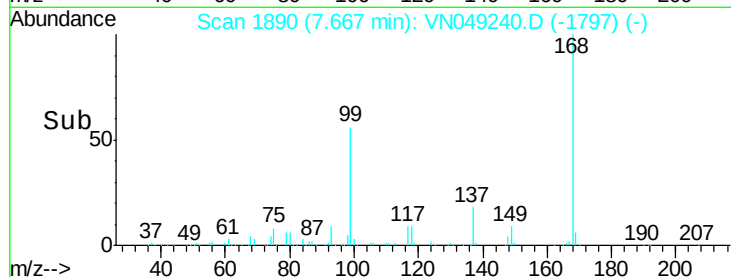
100000

50000

0

7.60 7.70 7.80

Time-->



#3

Chloromethane

Concen: 0.24 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049240.D

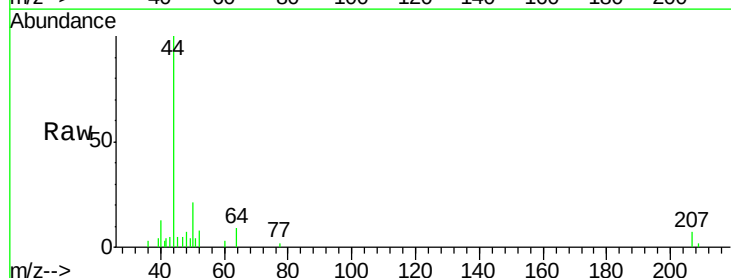
Acq: 14 Jun 2018 20:34

Tgt Ion: 50 Resp: 2247

Ion Ratio Lower Upper

50 100

52 35.5 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.06

1500

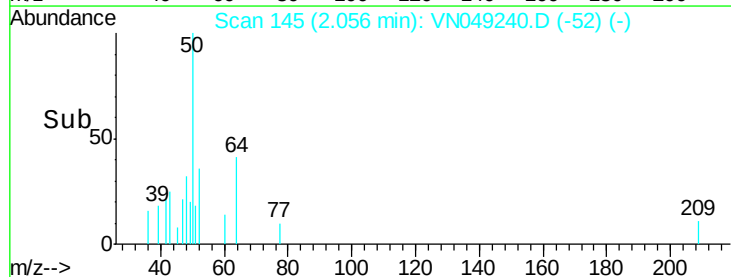
1000

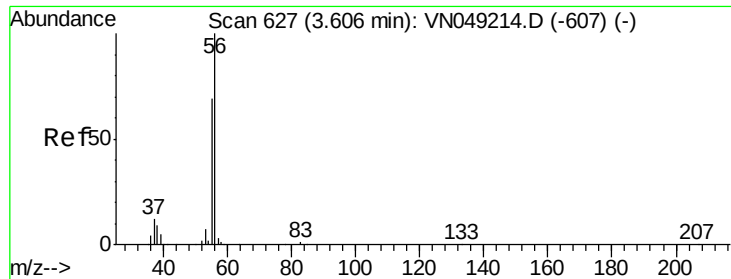
500

0

2.02 2.04 2.06 2.08 2.10

Time-->





#13

Acrolein

Concen: 35.84 ug/l

RT: 3.80 min Scan# 687

Delta R.T. 0.19 min

Lab File: VN049240.D

Acq: 14 Jun 2018 20:34

Instrument :

MSVOA_N

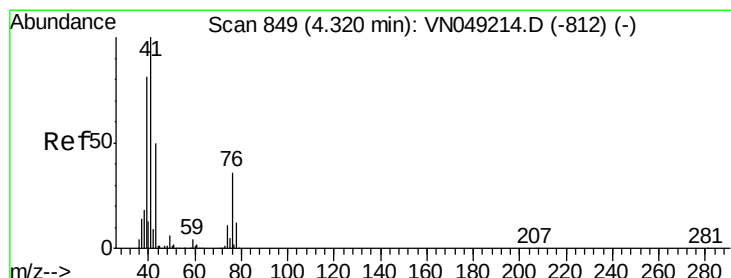
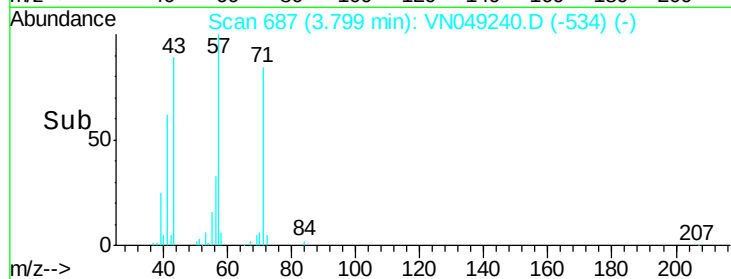
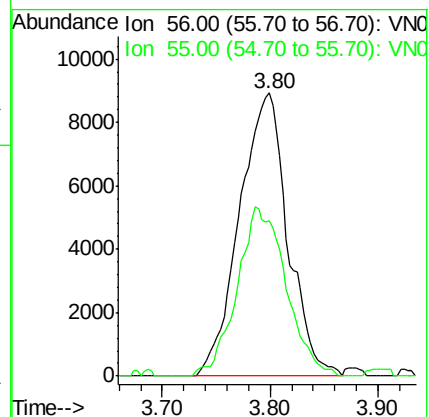
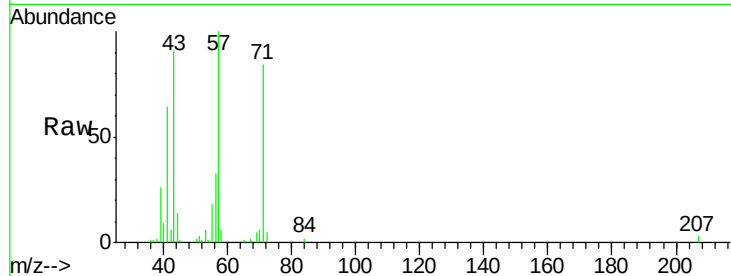
ClientSampleId :

Tot Ion: 56 Resp: 27789

Ion Ratio Lower Upper

56 100

55 60.5 57.1 85.7



#14

Allyl chloride

Concen: 9.61 ug/l

RT: 4.53 min Scan# 913

Delta R.T. 0.21 min

Lab File: VN049240.D

Acq: 14 Jun 2018 20:34

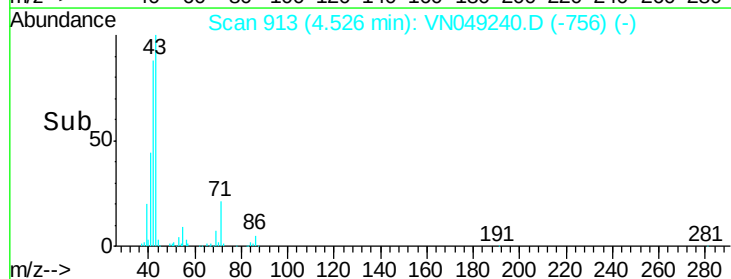
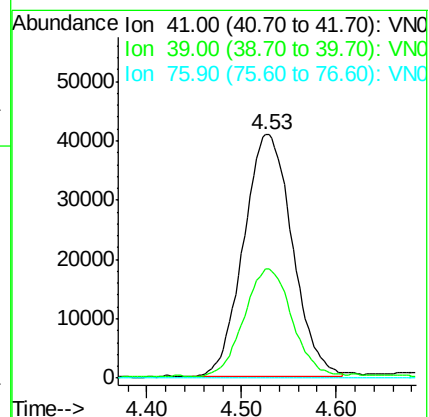
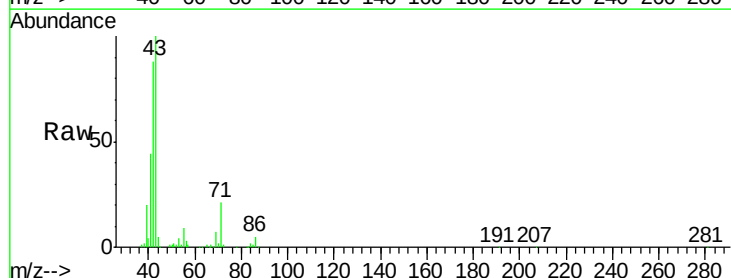
Tgt Ion: 41 Resp: 145820

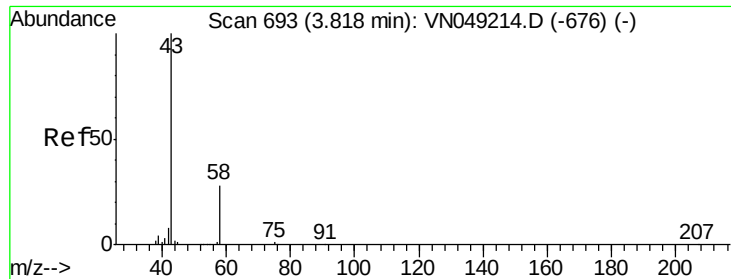
Ion Ratio Lower Upper

41 100

39 43.4 62.5 93.7#

76 0.0 27.1 40.7#

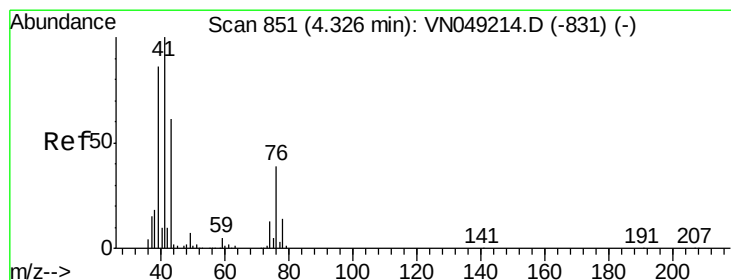
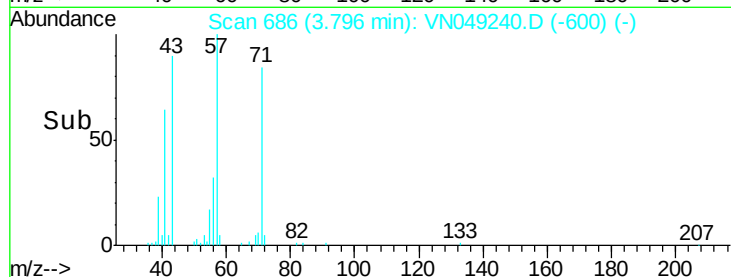
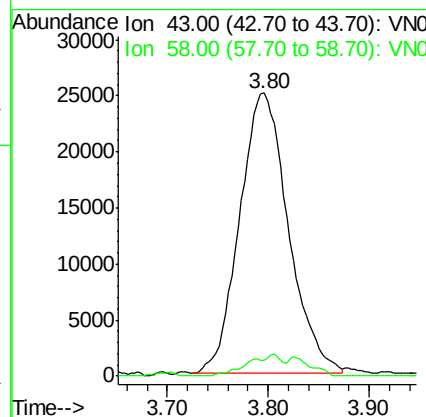
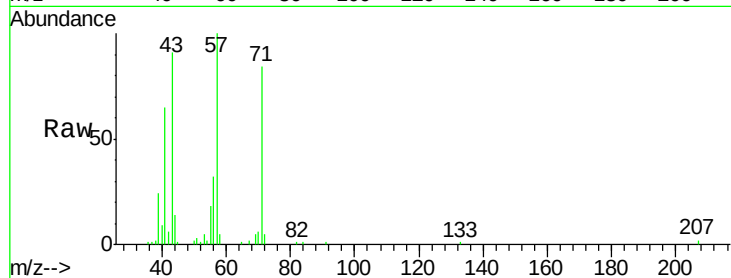




#16
Acetone
Concen: 33.62 ug/l
RT: 3.80 min Scan# 686
Delta R.T. -0.02 min
Lab File: VN049240.D
Acq: 14 Jun 2018 20:34

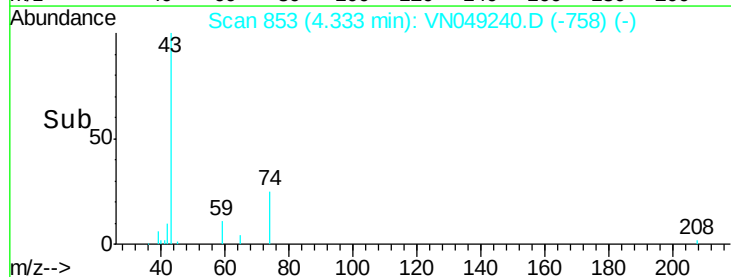
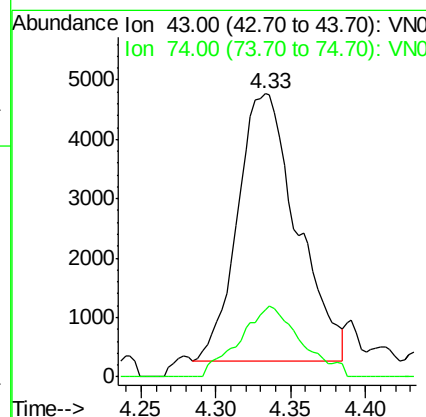
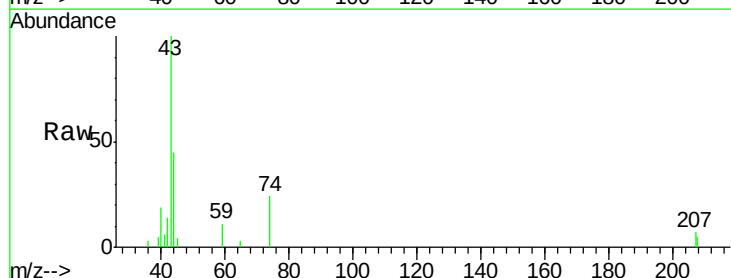
Instrument :
MSVOA_N
ClientSampleId :

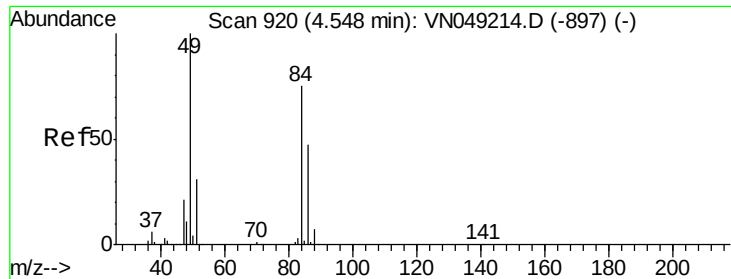
Tot Ion: 43 Resp: 83929
Ion Ratio Lower Upper
43 100
58 5.6 22.4 33.6#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049240.D
Acq: 14 Jun 2018 20:34

Tgt Ion: 43 Resp: 12509
Ion Ratio Lower Upper
43 100
74 27.3 17.4 26.0#

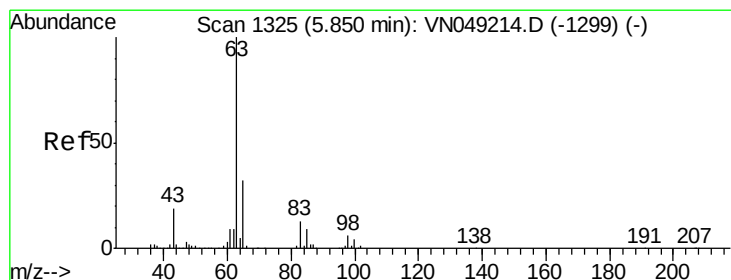
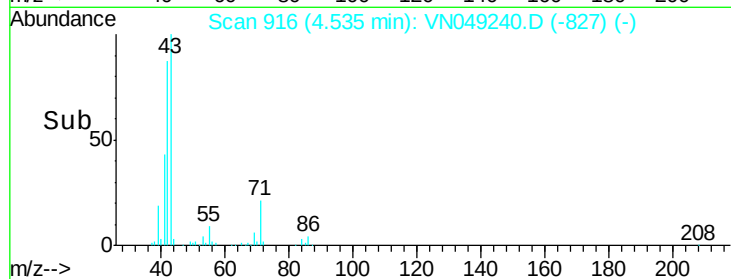
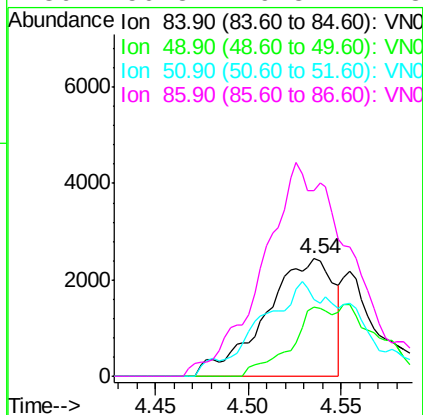
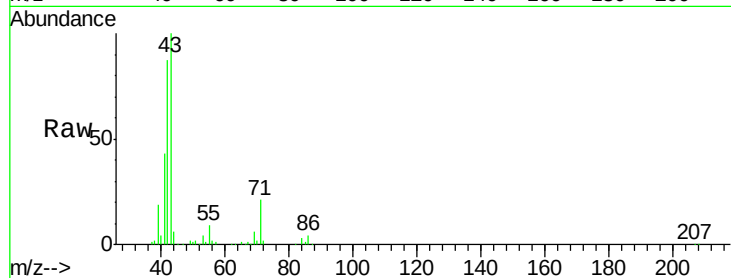




#20
Methylene Chloride
Concen: 0.62 ug/l
RT: 4.54 min Scan# 916
Delta R.T. -0.01 min
Lab File: VN049240.D
Acq: 14 Jun 2018 20:34

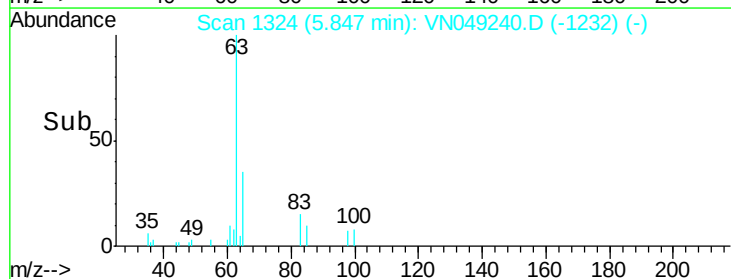
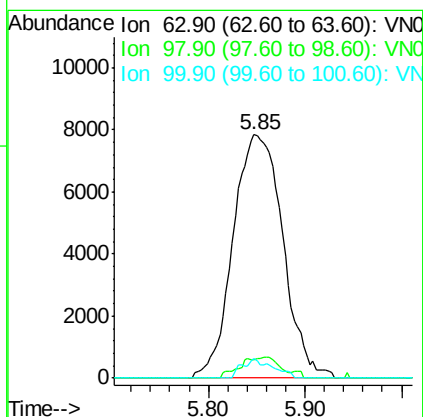
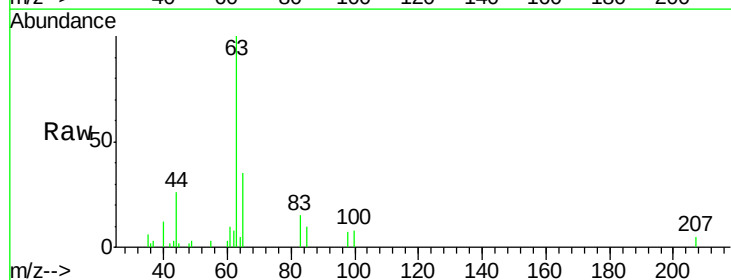
Instrument :
MSVOA_N
ClientSampleId :

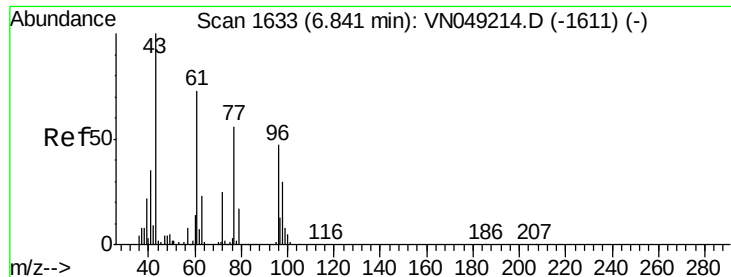
Tot Ion: 84 Resp: 6257
Ion Ratio Lower Upper
84 100
49 58.7 106.9 160.3#
51 65.0 32.7 49.1#
86 150.8 49.8 74.8#



#24
1,1-Dichloroethane
Concen: 1.55 ug/l
RT: 5.85 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VN049240.D
Acq: 14 Jun 2018 20:34

Tgt Ion: 63 Resp: 27956
Ion Ratio Lower Upper
63 100
98 7.4 2.9 8.8
100 8.0 2.1 6.3#

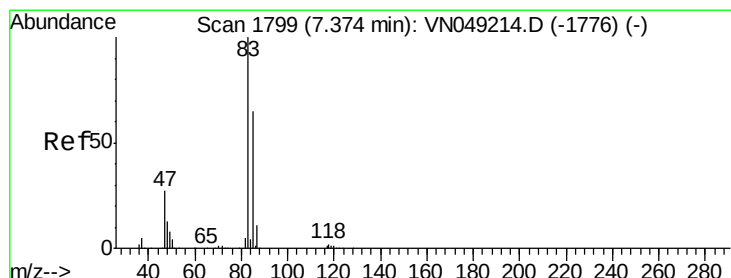
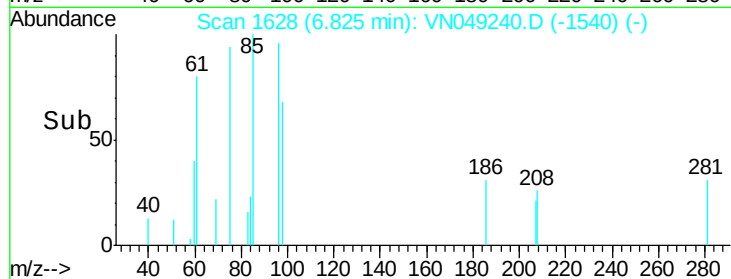
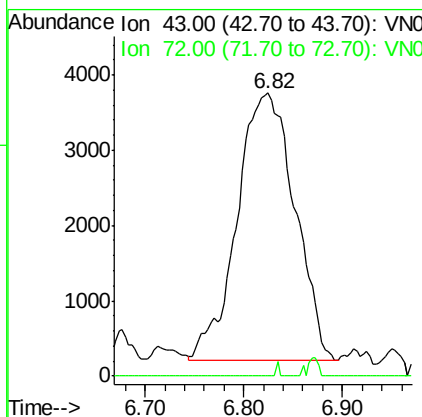
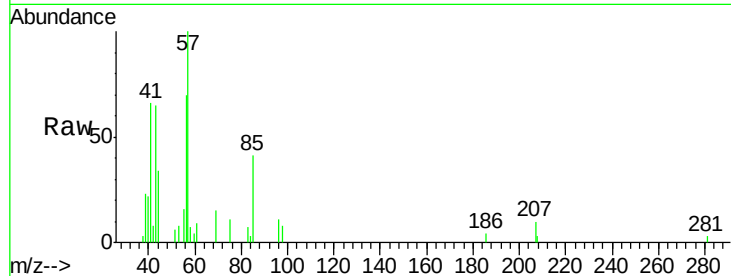




#25
2-Butanone
Concen: 4.05 ug/l
RT: 6.82 min Scan# 1628
Delta R.T. -0.02 min
Lab File: VN049240.D
Acq: 14 Jun 2018 20:34

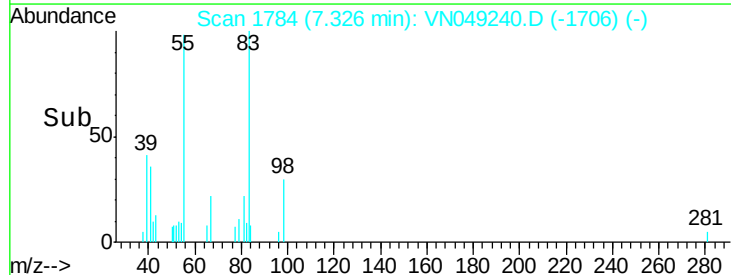
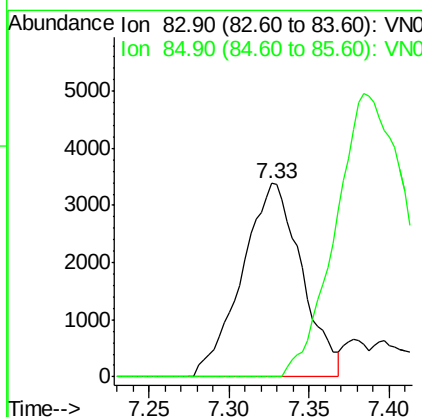
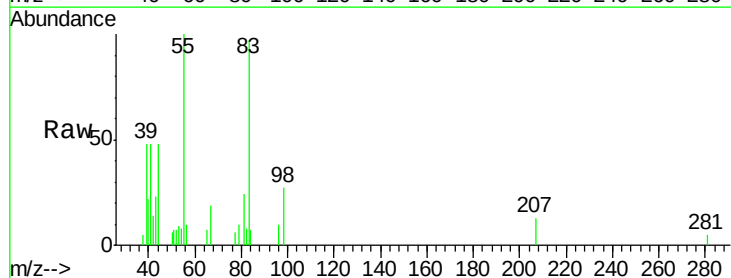
Instrument :
MSVOA_N
ClientSampled :

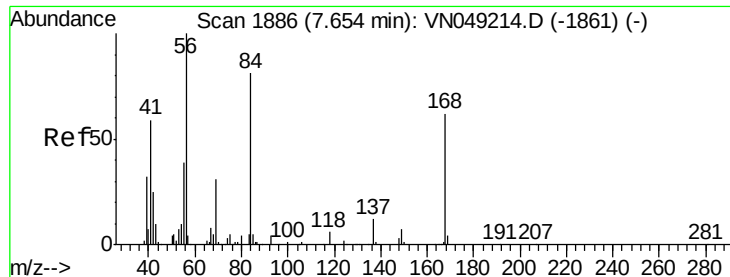
Tot Ion: 43 Resp: 14484
Ion Ratio Lower Upper
43 100
72 0.0 20.2 30.2#



#30
Chloroform
Concen: 0.50 ug/l
RT: 7.33 min Scan# 1784
Delta R.T. -0.05 min
Lab File: VN049240.D
Acq: 14 Jun 2018 20:34

Tgt Ion: 83 Resp: 8722
Ion Ratio Lower Upper
83 100
85 0.0 51.7 77.5#

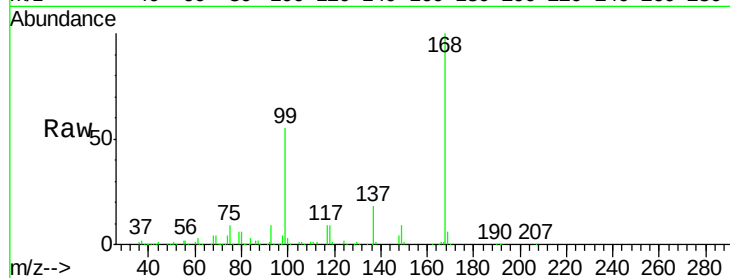




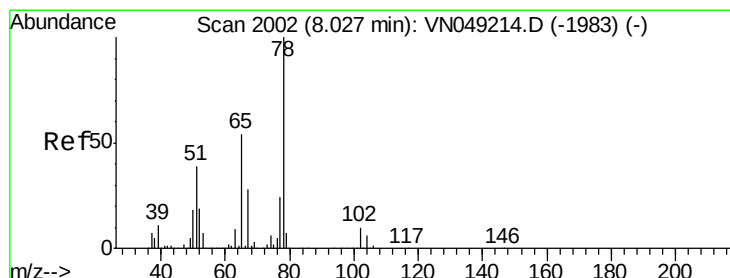
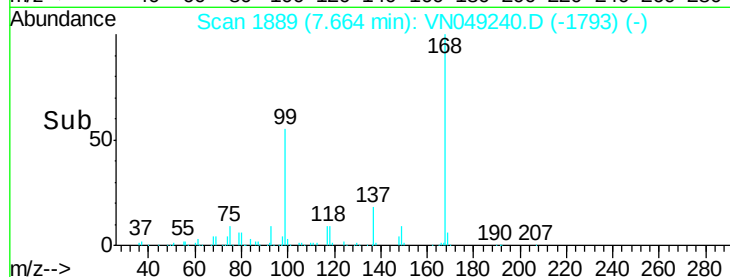
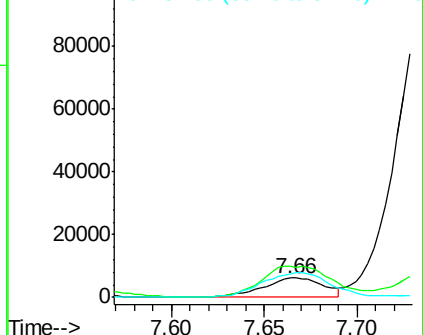
#31
Cyclohexane
Concen: 0.57 ug/l
RT: 7.66 min Scan# 1889
Delta R.T. 0.01 min
Lab File: VN049240.D
Acq: 14 Jun 2018 20:34

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 14408
Ion Ratio Lower Upper
56 100
69 155.3 25.0 37.4#
84 121.2 64.6 96.8#

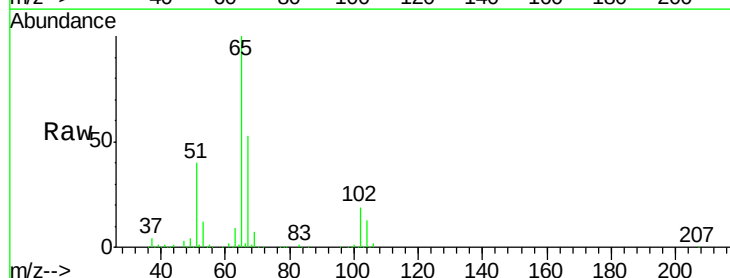


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

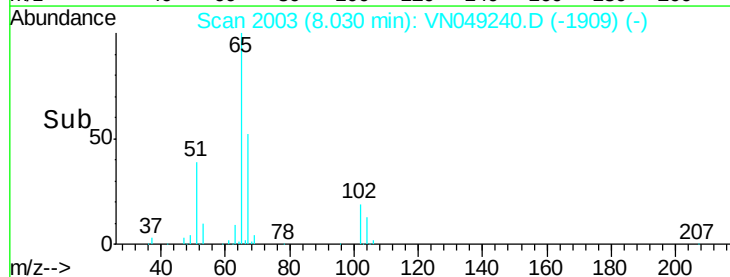
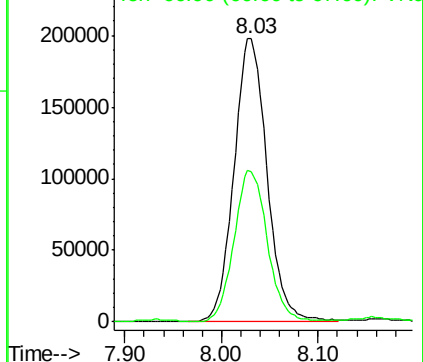


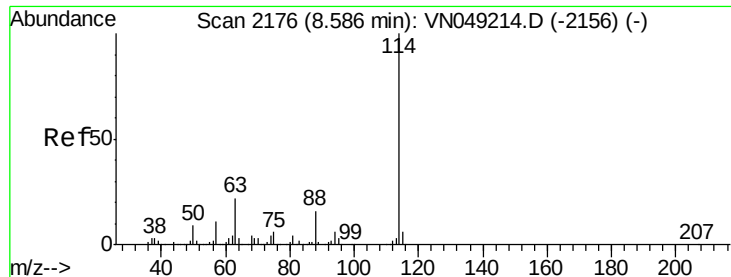
#33
1,2-Dichloroethane-d4
Concen: 44.95 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049240.D
Acq: 14 Jun 2018 20:34

Tgt Ion: 65 Resp: 469566
Ion Ratio Lower Upper
65 100
67 53.6 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

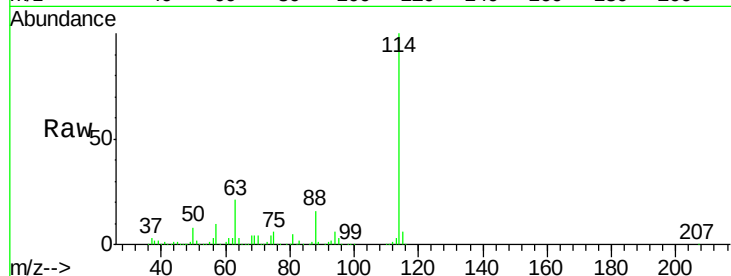




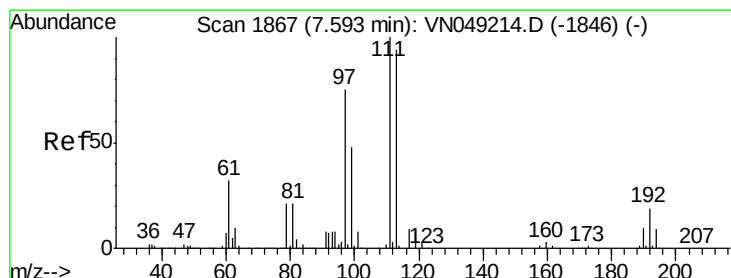
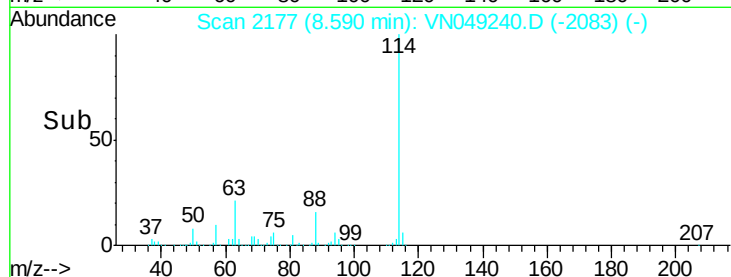
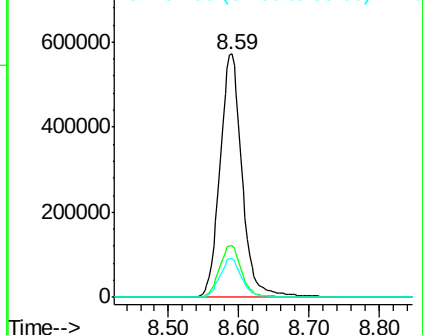
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN049240.D
 Acq: 14 Jun 2018 20:34

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:114 Resp: 1251218
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 44.4
 88 15.8 0.0 31.4

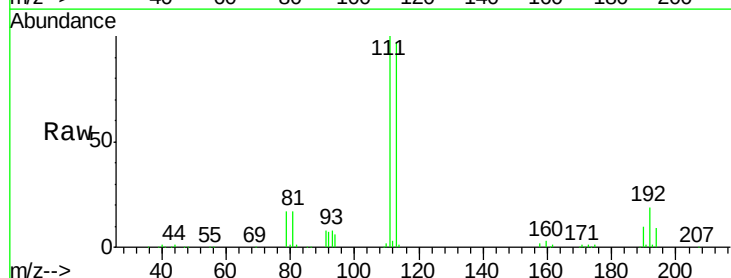


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

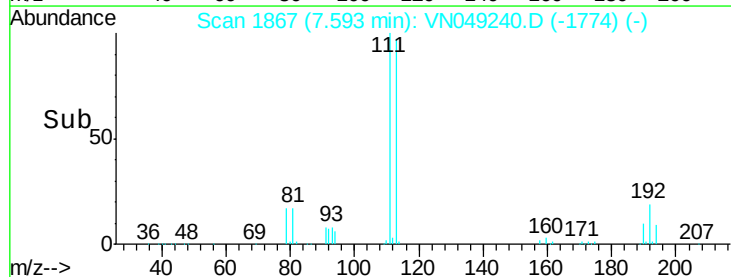
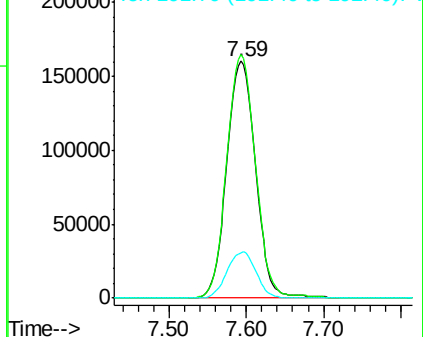


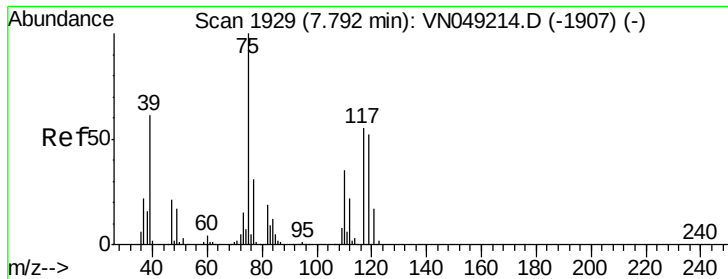
#35
 Dibromofluoromethane
 Concen: 40.07 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049240.D
 Acq: 14 Jun 2018 20:34

Tgt Ion:113 Resp: 415013
 Ion Ratio Lower Upper
 113 100
 111 101.4 82.4 123.6
 192 19.6 15.0 22.6



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

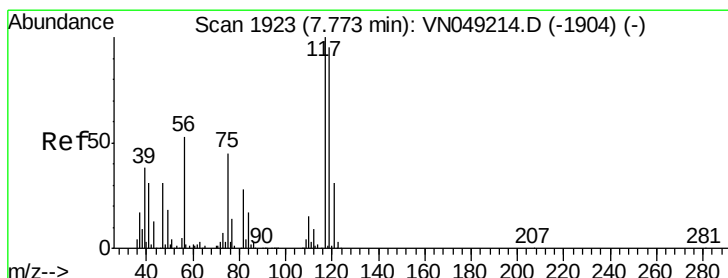
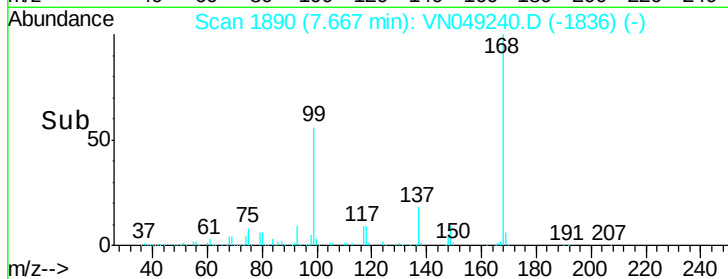
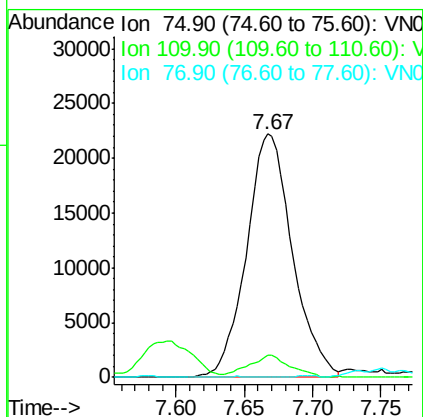
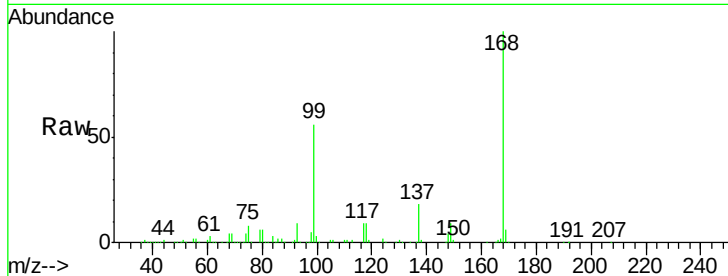




#36
 1,1-Dichloropropene
 Concen: 3.32 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN049240.D
 Acq: 14 Jun 2018 20:34

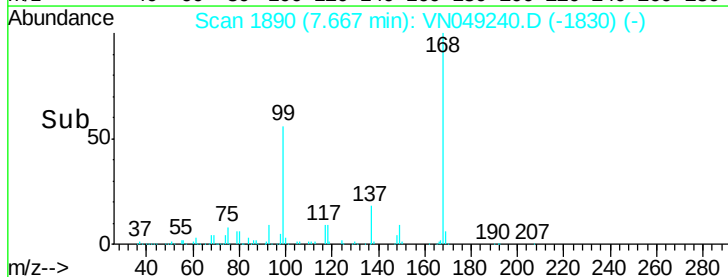
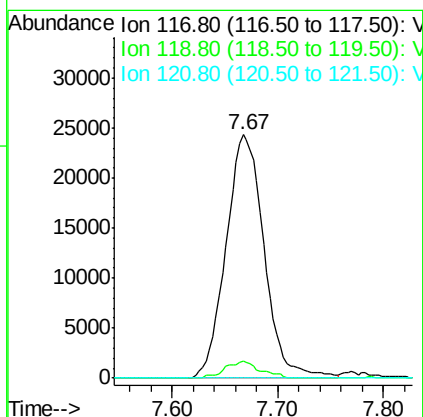
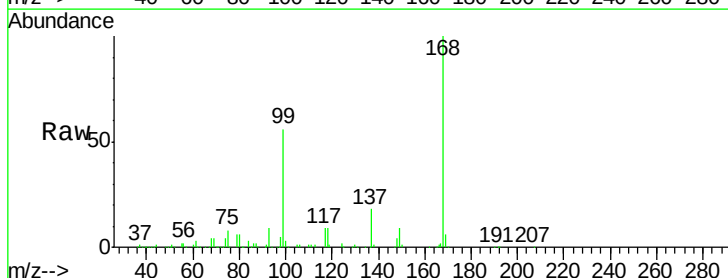
Instrument :
 MSVOA_N
 ClientSampled :

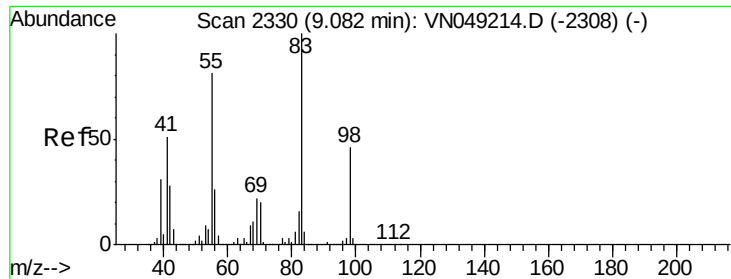
Tot Ion	75	Resp	51974
Ion Ratio	Lower	Upper	
75	100		
110	8.2	17.0	50.9#
77	0.0	24.4	36.6#



#38
 Carbon Tetrachloride
 Concen: 3.88 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.11 min
 Lab File: VN049240.D
 Acq: 14 Jun 2018 20:34

Tgt Ion	117	Resp	61041
Ion Ratio	Lower	Upper	
117	100		
119	6.8	75.6	113.4#
121	0.0	24.7	37.1#

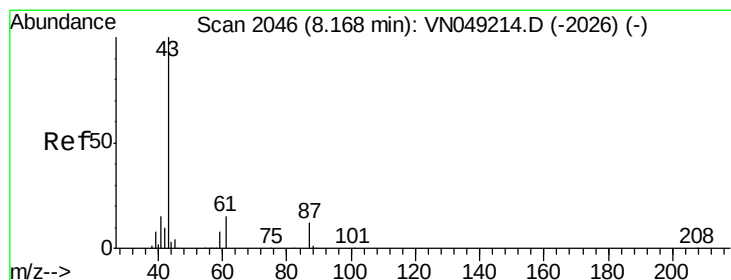
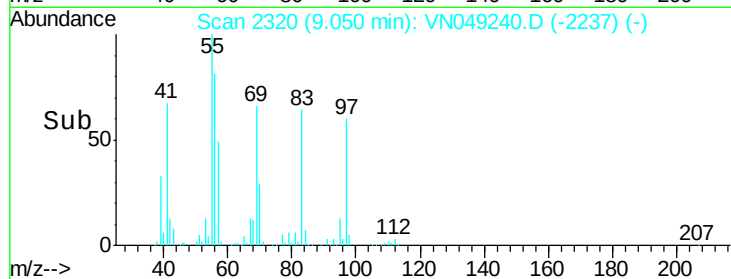
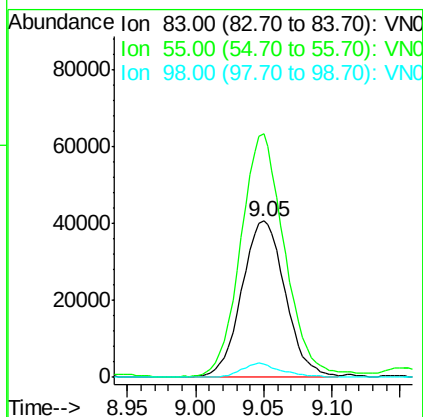
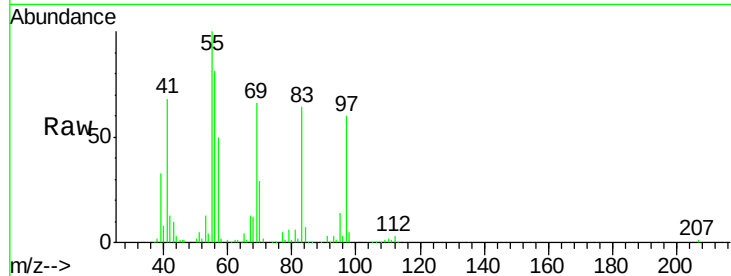




#39
Methylcyclohexane
Concen: 5.57 ug/l
RT: 9.05 min Scan# 2320
Delta R.T. -0.03 min
Lab File: VN049240.D
Acq: 14 Jun 2018 20:34

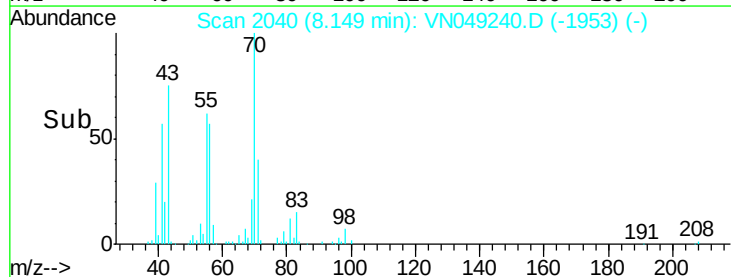
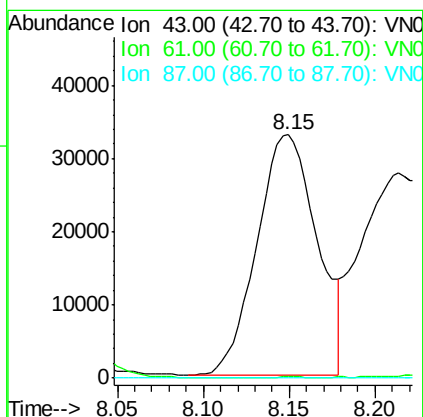
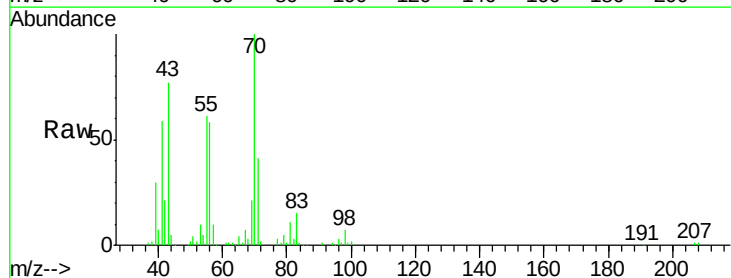
Instrument :
MSVOA_N
ClientSampled :

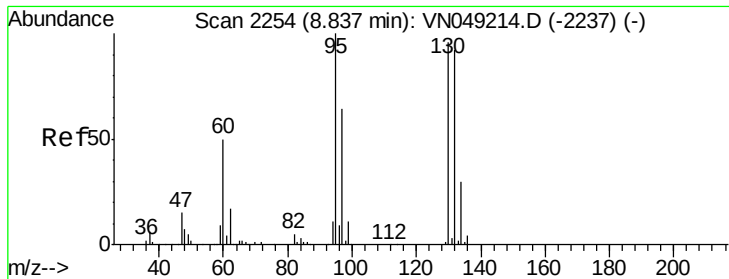
Tot Ion	83	Resp	89926
Ion	Ratio	Lower	Upper
83	100		
55	155.4	65.1	97.7#
98	8.2	36.5	54.7#



#43
Isopropyl Acetate
Concen: 4.43 ug/l
RT: 8.15 min Scan# 2040
Delta R.T. -0.02 min
Lab File: VN049240.D
Acq: 14 Jun 2018 20:34

Tgt Ion	43	Resp	80445
Ion	Ratio	Lower	Upper
43	100		
61	0.0	14.2	21.4#
87	0.0	9.4	14.0#





#44

Trichloroethene

Concen: 0.77 ug/l

RT: 8.84 min Scan# 2255

Delta R.T. 0.00 min

Lab File: VN049240.D

Acq: 14 Jun 2018 20:34

Instrument :

MSVOA_N

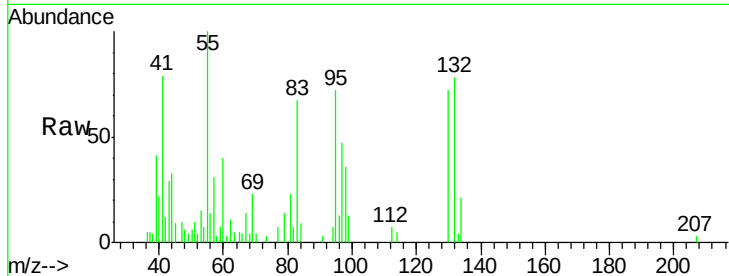
ClientSampleId :

Tot Ion:130 Resp: 9060

Ion Ratio Lower Upper

130 100

95 100.4 0.0 208.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0

8.84

4000

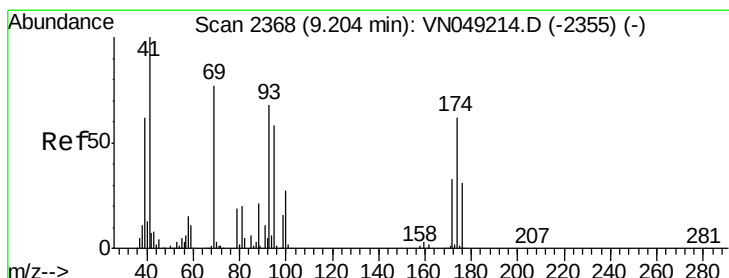
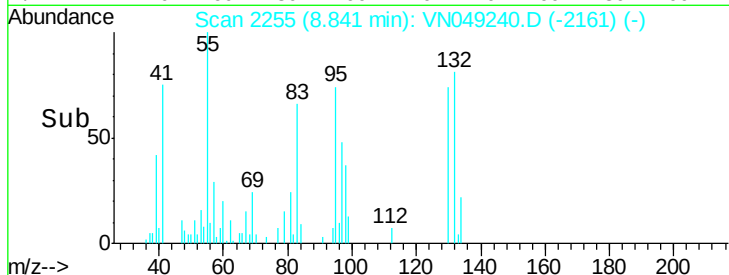
3000

2000

1000

0

Time--> 8.75 8.80 8.85 8.90



#48

Methyl methacrylate

Concen: 0.76 ug/l

RT: 9.23 min Scan# 2377

Delta R.T. 0.03 min

Lab File: VN049240.D

Acq: 14 Jun 2018 20:34

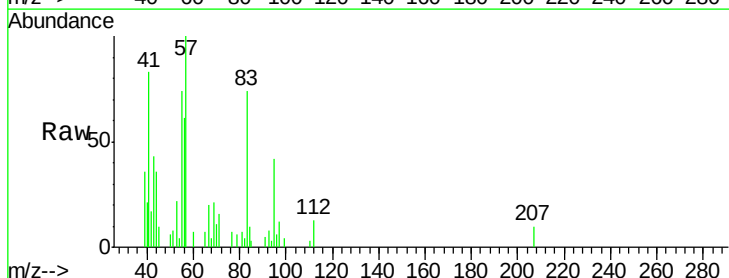
Tgt Ion: 41 Resp: 6750

Ion Ratio Lower Upper

41 100

69 0.0 62.0 93.0#

39 41.3 50.6 75.8#



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

9.23

4000

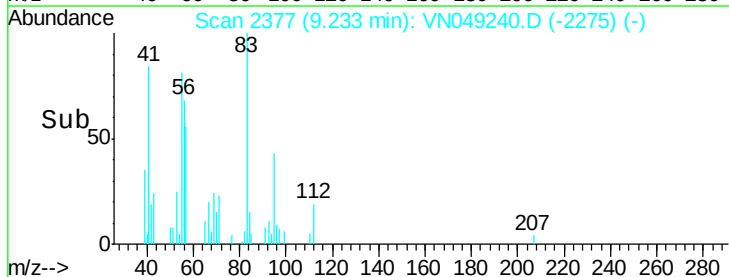
3000

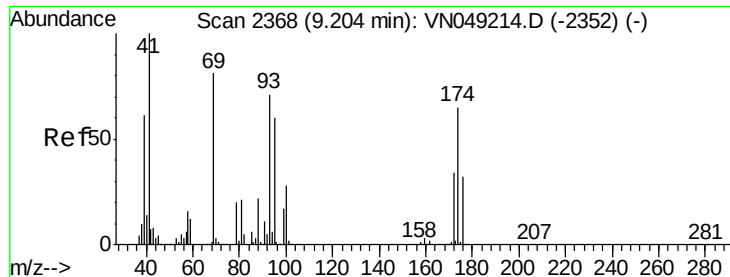
2000

1000

0

Time--> 9.20 9.25

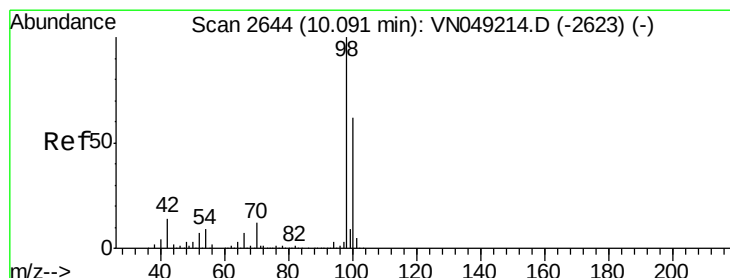
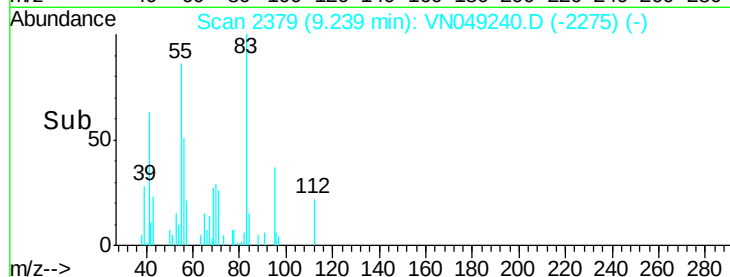
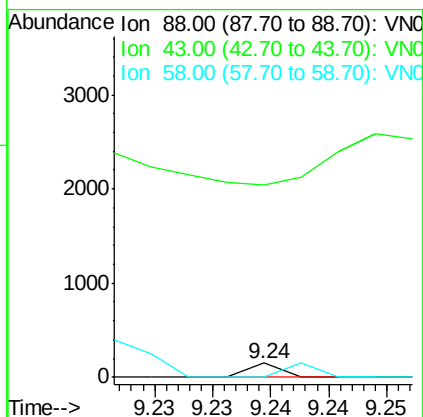
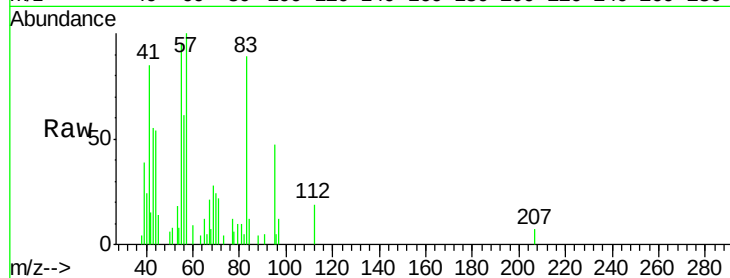




#49
1,4-Dioxane
Concen: 0.28 ug/l
RT: 9.24 min Scan# 2379
Delta R.T. 0.04 min
Lab File: VN049240.D
Acq: 14 Jun 2018 20:34

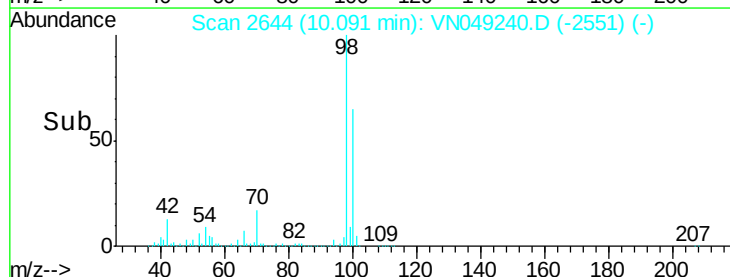
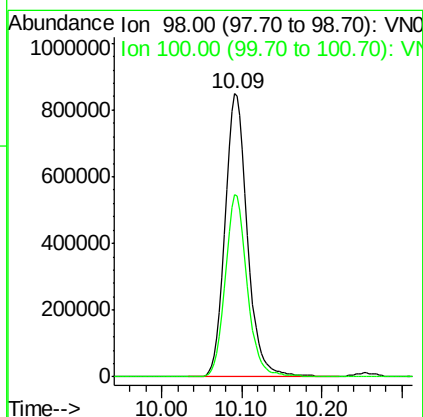
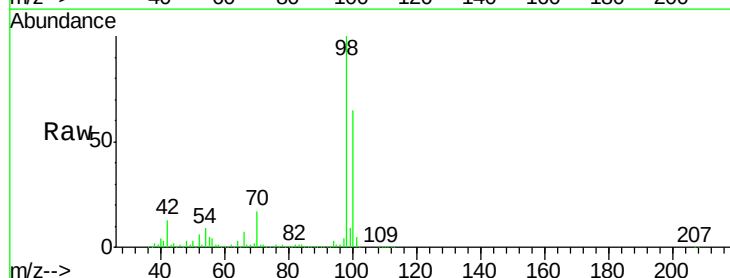
Instrument :
MSVOA_N
ClientSampleId :

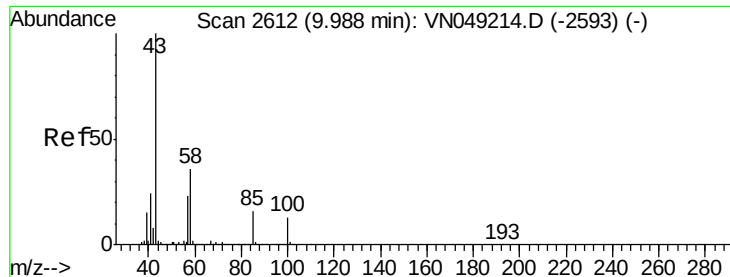
Tot Ion: 88 Resp: 29
Ion Ratio Lower Upper
88 100
43 7248.3 30.9 46.3#
58 210.3 58.9 88.3#



#50
Toluene-d8
Concen: 40.63 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049240.D
Acq: 14 Jun 2018 20:34

Tgt Ion: 98 Resp: 1636984
Ion Ratio Lower Upper
98 100
100 63.6 49.8 74.8





#51

4-Methyl-2-Pentanone

Concen: 0.56 ug/l

RT: 10.00 min Scan# 2617

Delta R.T. 0.02 min

Lab File: VN049240.D

Acq: 14 Jun 2018 20:34

Instrument :

MSVOA_N

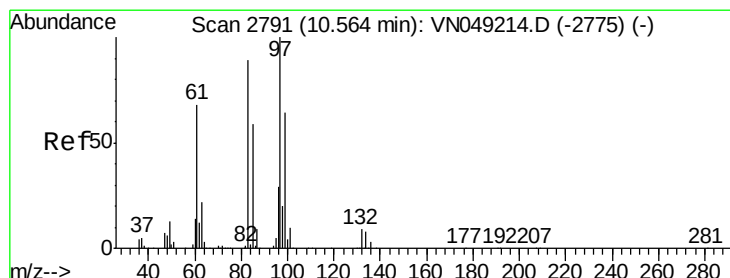
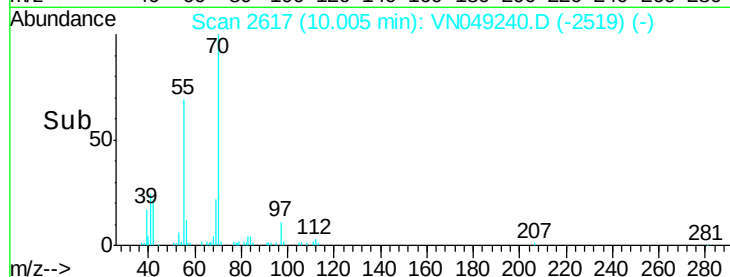
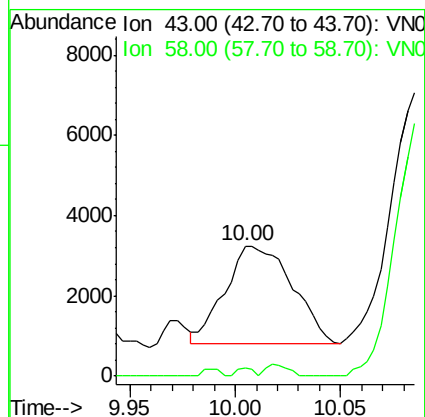
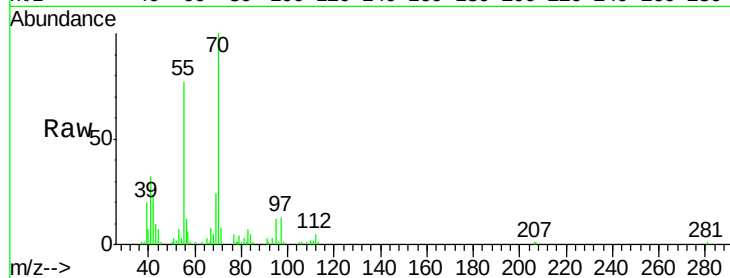
ClientSampleId :

Tot Ion: 43 Resp: 5405

Ion Ratio Lower Upper

43 100

58 0.0 29.0 43.6#



#55

1,1,2-Trichloroethane

Concen: 21.74 ug/l

RT: 10.53 min Scan# 2781

Delta R.T. -0.03 min

Lab File: VN049240.D

Acq: 14 Jun 2018 20:34

Tgt Ion: 97 Resp: 219868

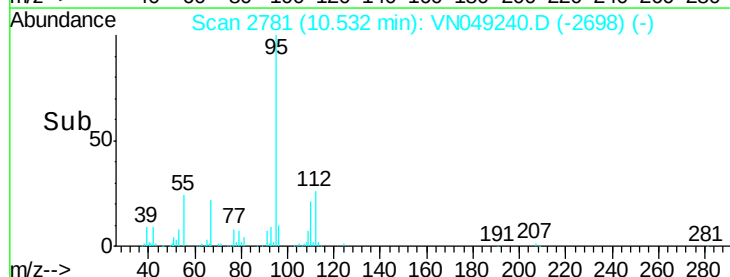
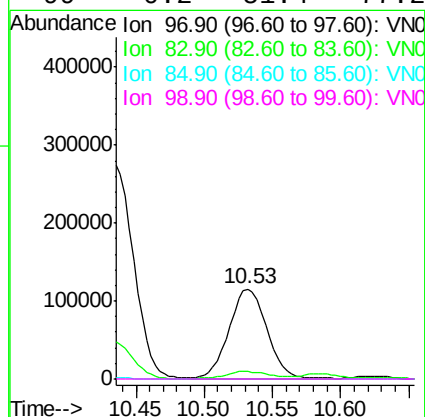
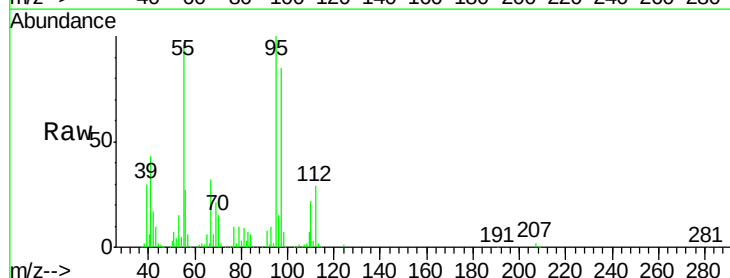
Ion Ratio Lower Upper

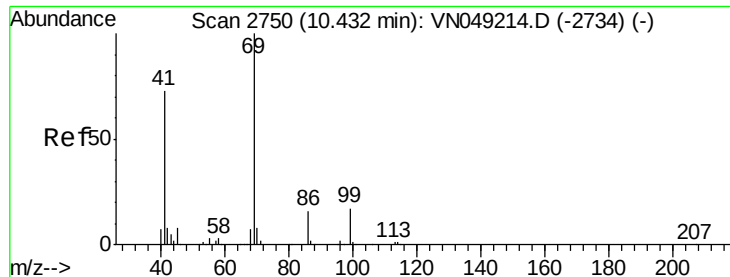
97 100

83 7.2 71.5 107.3#

85 0.5 47.0 70.4#

99 0.2 51.4 77.2#

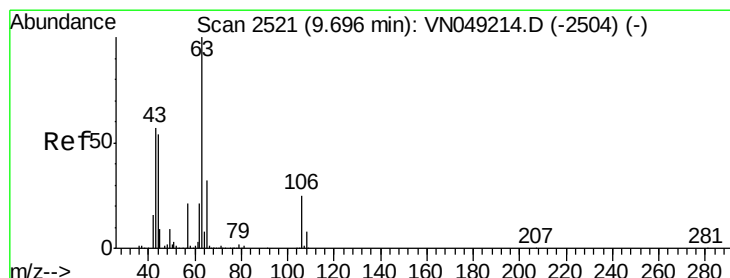
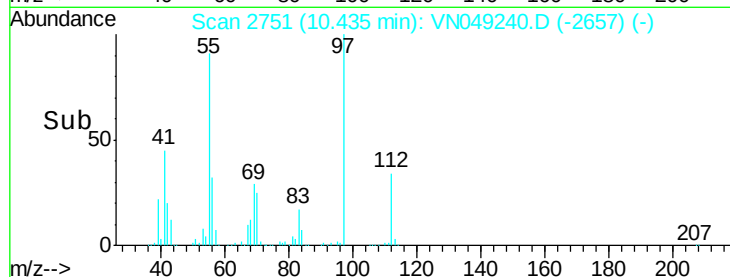
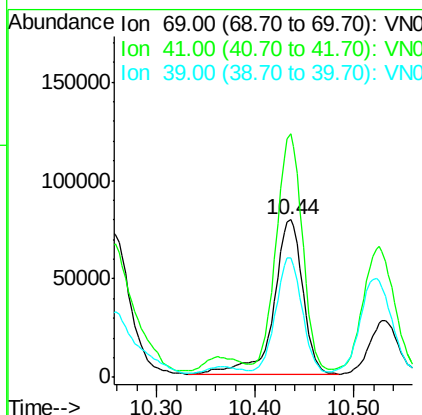
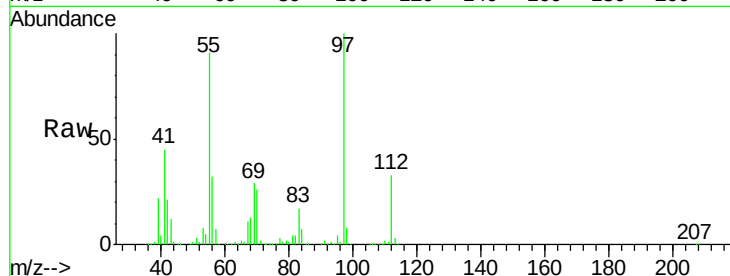




#56
Ethyl methacrylate
Concen: 13.11 ug/l
RT: 10.44 min Scan# 2751
Delta R.T. 0.00 min
Lab File: VN049240.D
Acq: 14 Jun 2018 20:34

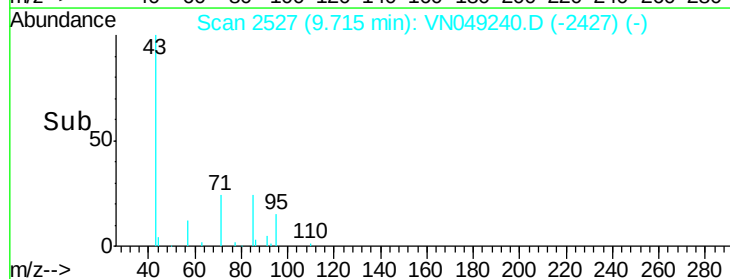
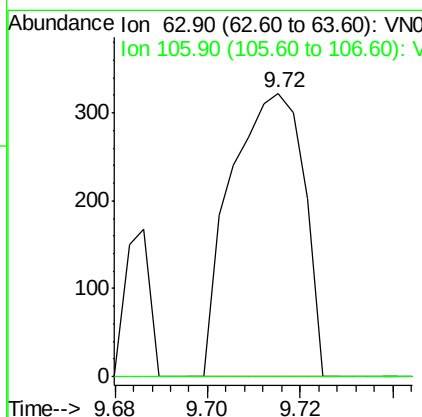
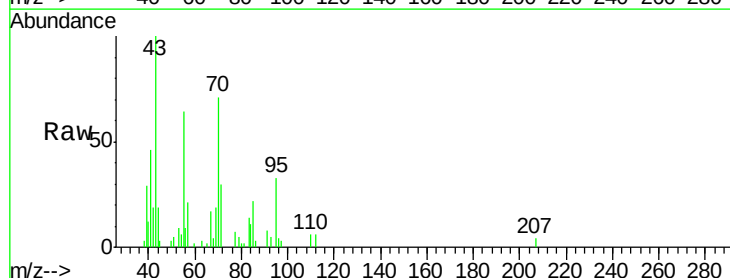
Instrument :
MSVOA_N
ClientSampled :

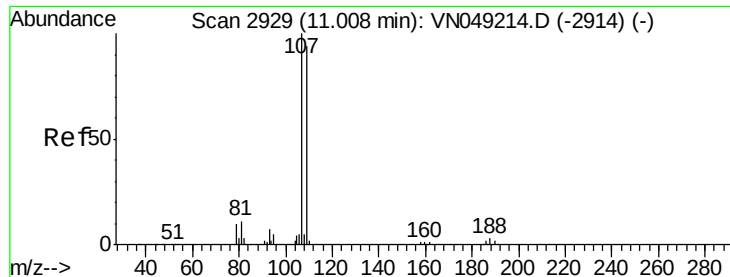
Tot Ion: 69 Resp: 159782
Ion Ratio Lower Upper
69 100
41 143.0 58.4 87.6#
39 66.2 35.5 53.3#



#58
2-Chloroethyl Vinyl ether
Concen: 13.26 ug/l
RT: 9.72 min Scan# 2527
Delta R.T. 0.02 min
Lab File: VN049240.D
Acq: 14 Jun 2018 20:34

Tgt Ion: 63 Resp: 353
Ion Ratio Lower Upper
63 100
106 0.0 19.4 29.2#





#61

1,2-Dibromoethane

Concen: 0.33 ug/l

RT: 10.98 min Scan# 2920

Delta R.T. -0.03 min

Lab File: VN049240.D

Acq: 14 Jun 2018 20:34

Instrument :

MSVOA_N

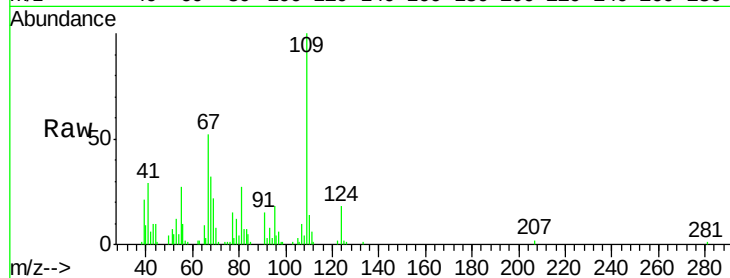
ClientSampled :

Tot Ion:107 Resp: 3075

Ion Ratio Lower Upper

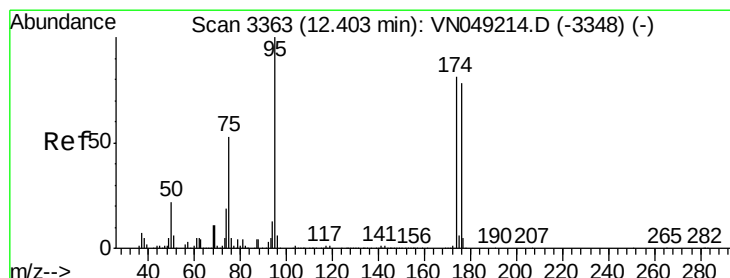
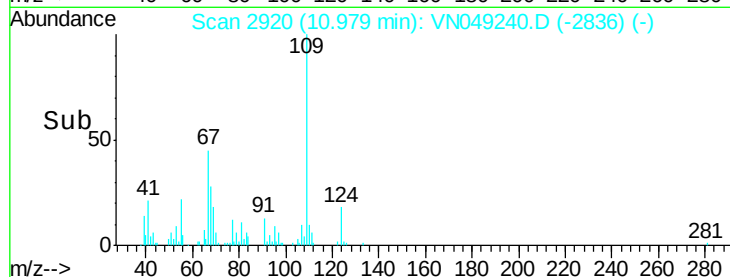
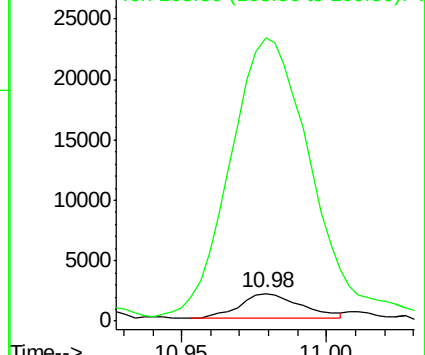
107 100

109 1443.3 75.4 113.2#



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.49 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049240.D

Acq: 14 Jun 2018 20:34

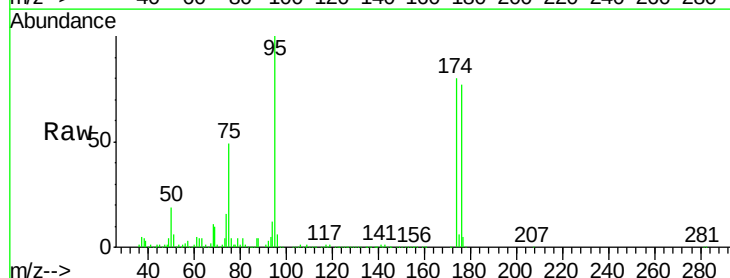
Tgt Ion: 95 Resp: 621635

Ion Ratio Lower Upper

95 100

174 79.4 0.0 165.6

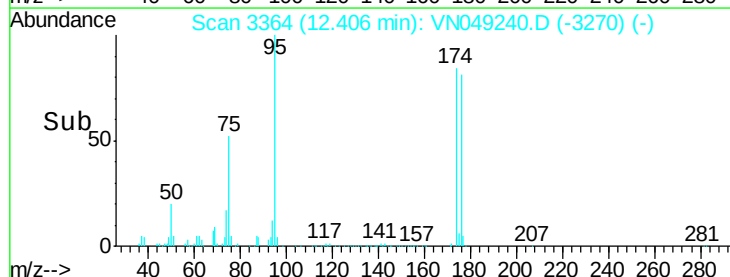
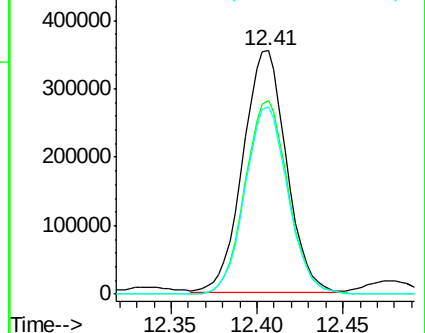
176 76.4 0.0 157.4

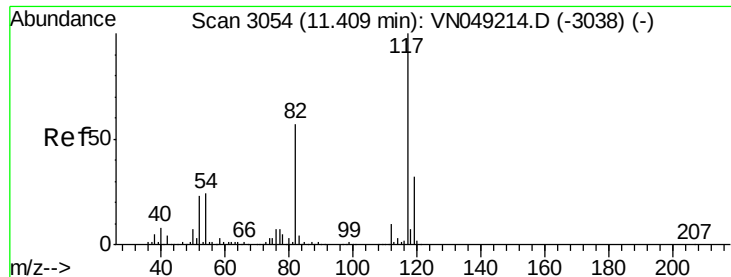


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

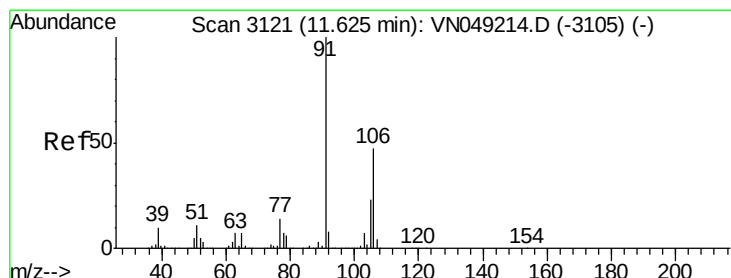
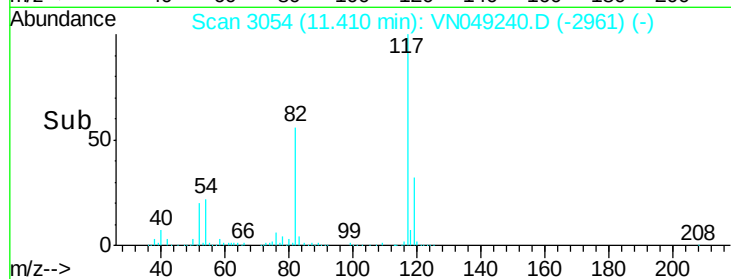
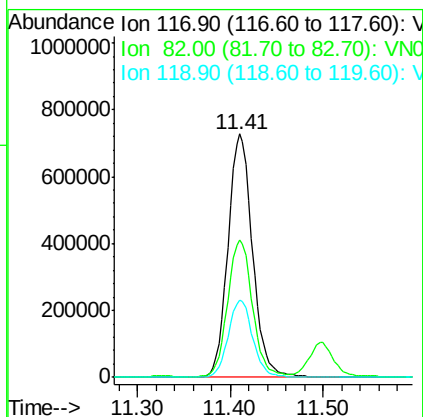
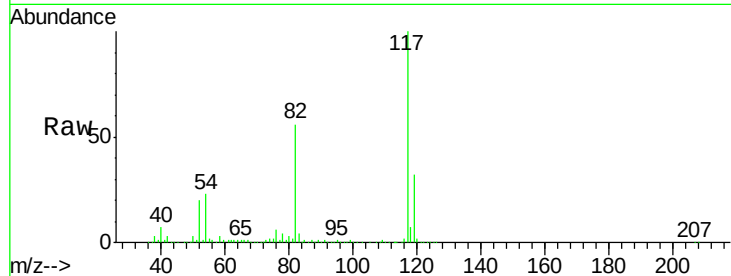




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049240.D
Acq: 14 Jun 2018 20:34

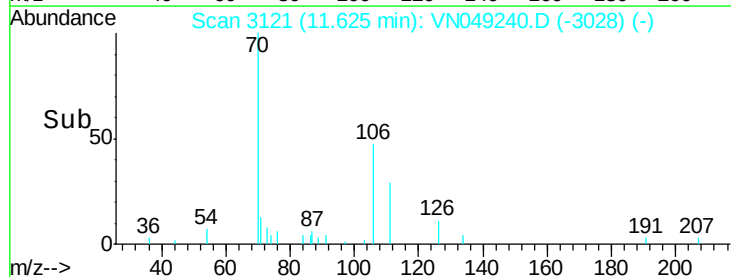
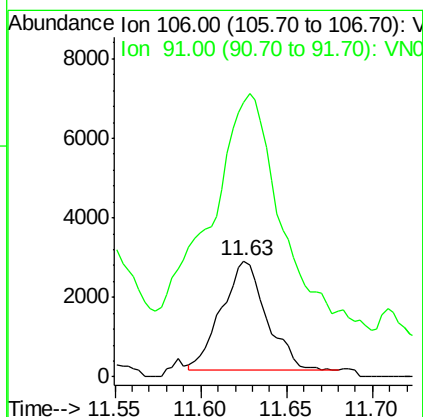
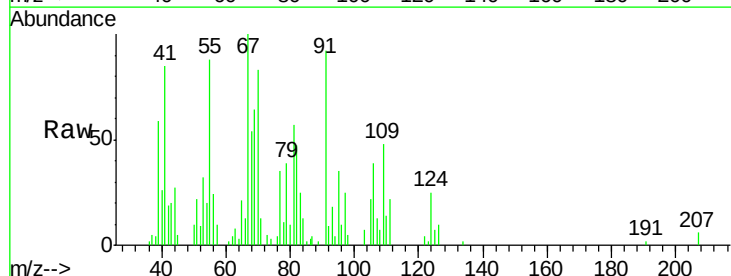
Instrument :
MSVOA_N
ClientSampleId :

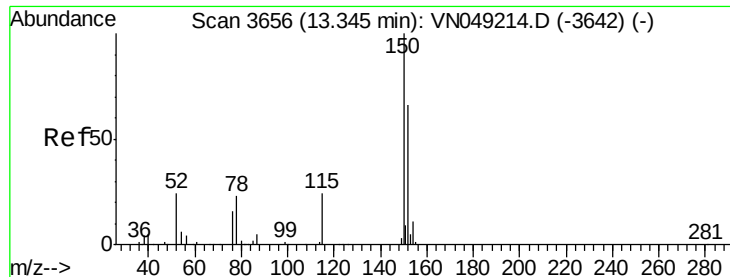
Tot Ion:117 Resp: 1331796
Ion Ratio Lower Upper
117 100
82 56.2 45.9 68.9
119 31.8 25.5 38.3



#68
m/p-Xylenes
Concen: 0.23 ug/l
RT: 11.63 min Scan# 3121
Delta R.T. 0.00 min
Lab File: VN049240.D
Acq: 14 Jun 2018 20:34

Tgt Ion:106 Resp: 5014
Ion Ratio Lower Upper
106 100
91 342.5 167.3 250.9#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049240.D

Acq: 14 Jun 2018 20:34

Instrument :

MSVOA_N

ClientSampleId :

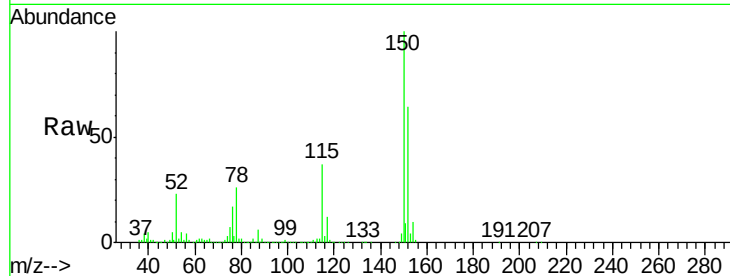
Tot Ion:152 Resp: 455968

Ion Ratio Lower Upper

152 100

115 60.1 28.7 86.1

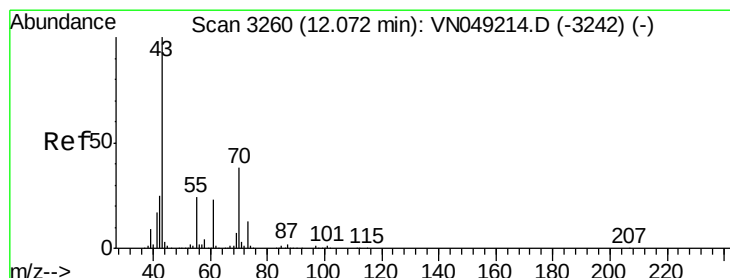
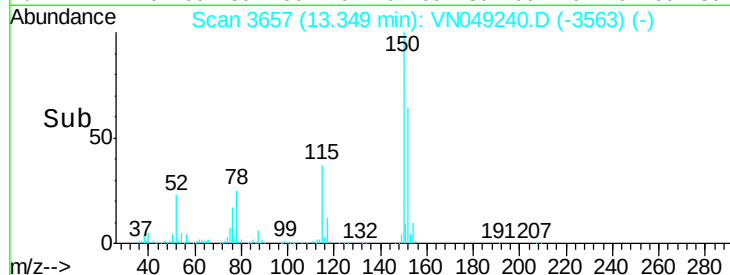
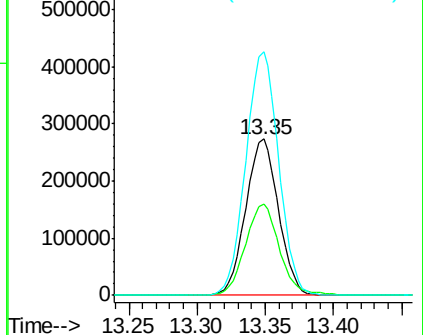
150 156.3 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 0.26 ug/l

RT: 12.08 min Scan# 3262

Delta R.T. 0.01 min

Lab File: VN049240.D

Acq: 14 Jun 2018 20:34

Tgt Ion: 43 Resp: 3186

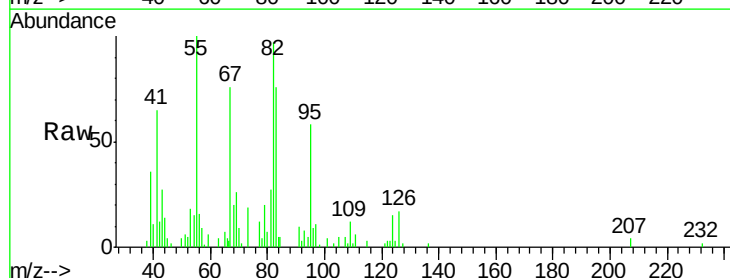
Ion Ratio Lower Upper

43 100

70 26.7 30.3 45.5#

55 616.2 19.4 29.2#

61 2.1 17.8 26.6#

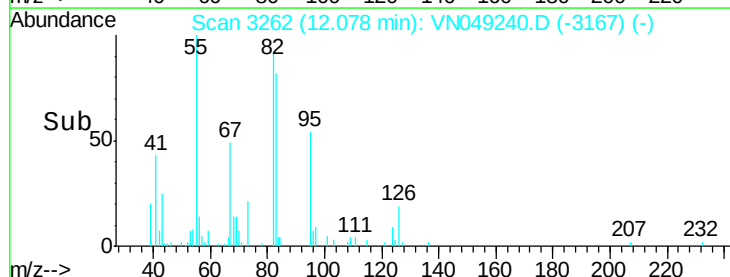
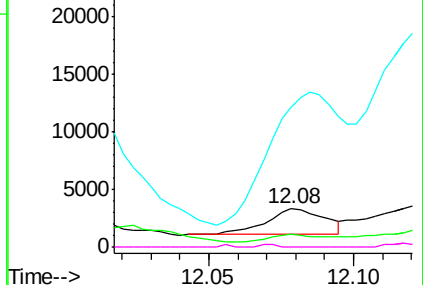


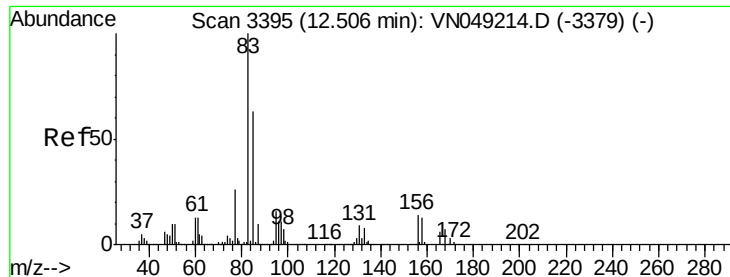
Abundance Ion 43.00 (42.70 to 43.70): V

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





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.53 min Scan# 3402

Delta R.T. 0.02 min

Lab File: VN049240.D

Acq: 14 Jun 2018 20:34

Instrument :

MSVOA_N

ClientSampled :

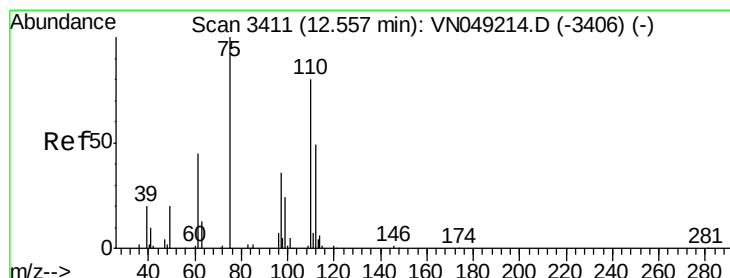
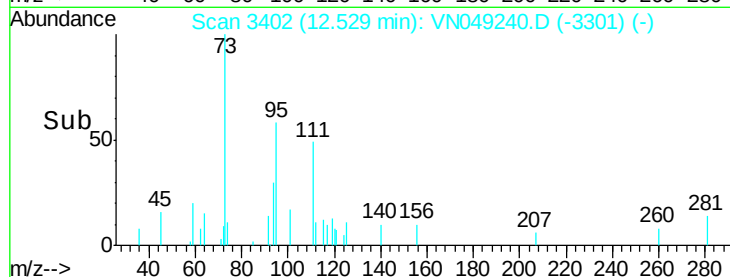
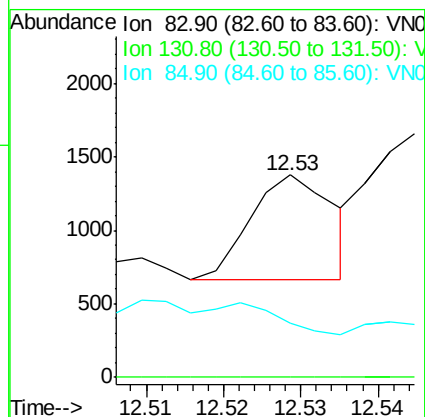
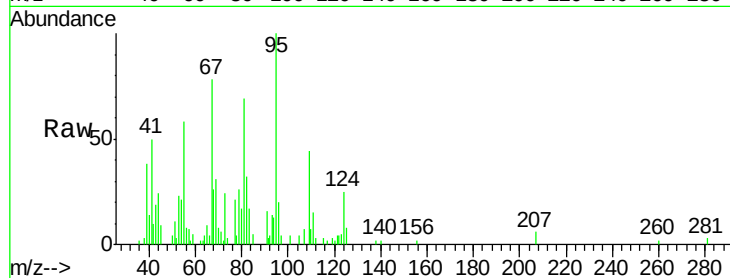
Tot Ion: 83 Resp: 534

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

85 0.0 32.0 96.0#



#76

1,2,3-Trichloropropane

Concen: 39.98 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049240.D

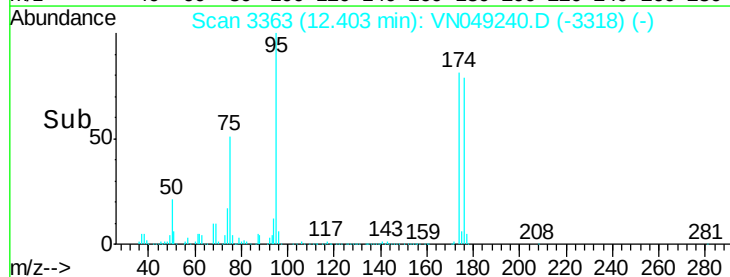
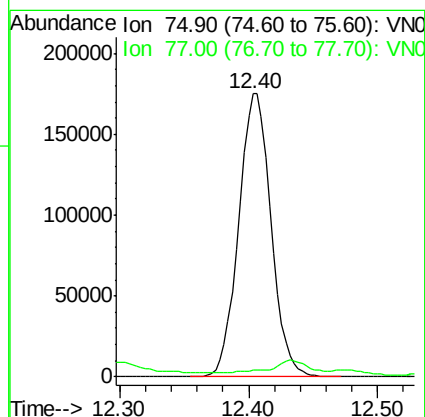
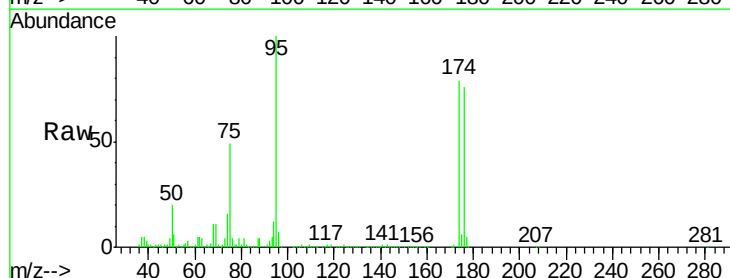
Acq: 14 Jun 2018 20:34

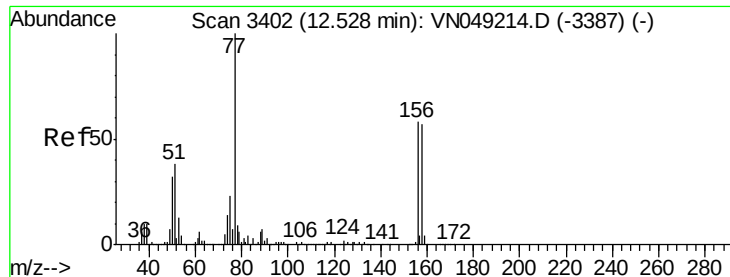
Tgt Ion: 75 Resp: 305403

Ion Ratio Lower Upper

75 100

77 0.6 0.0 0.0#





#77

Bromobenzene

Concen: Below Cal

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049240.D

Acq: 14 Jun 2018 20:34

Instrument :

MSVOA_N

ClientSampled :

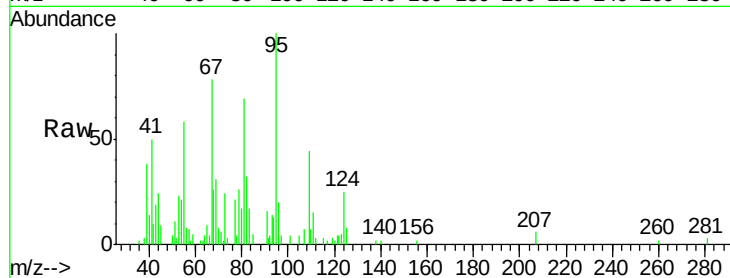
Tot Ion:156 Resp: 102

Ion Ratio Lower Upper

156 100

77 1395.1 100.8 302.4#

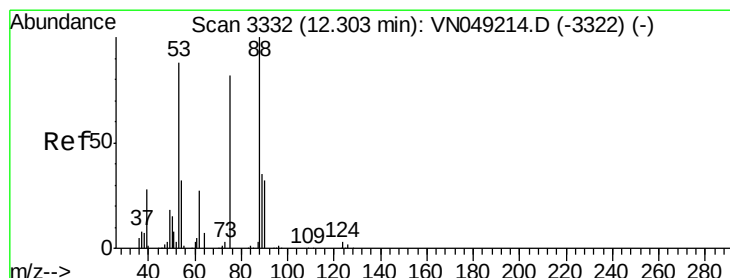
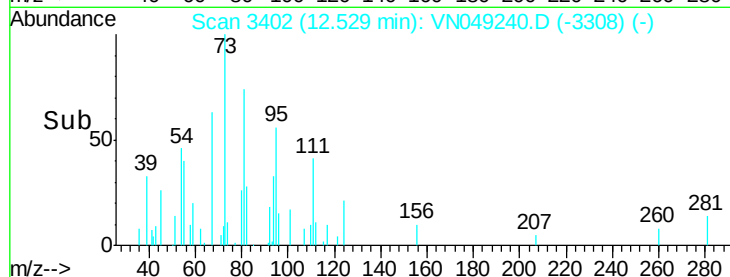
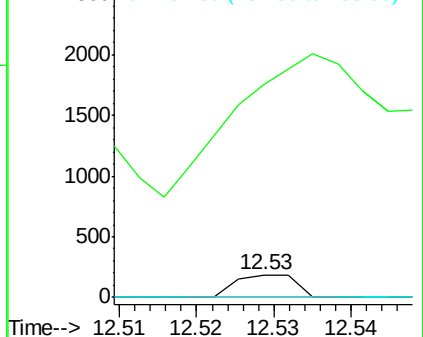
158 0.0 49.3 147.9#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VNO

Ion 157.80 (157.50 to 158.50): V



#81

trans-1,4-Dichloro-2-butene

Concen: 111.91 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049240.D

Acq: 14 Jun 2018 20:34

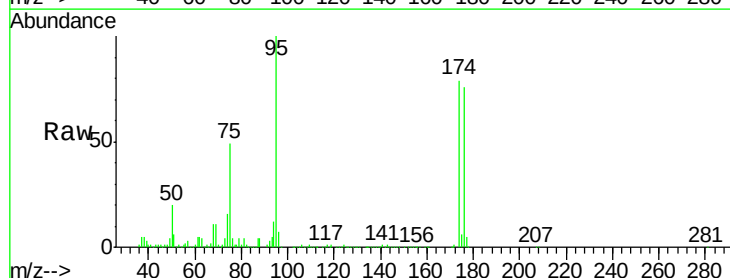
Tgt Ion: 75 Resp: 305403

Ion Ratio Lower Upper

75 100

53 0.0 82.7 124.1#

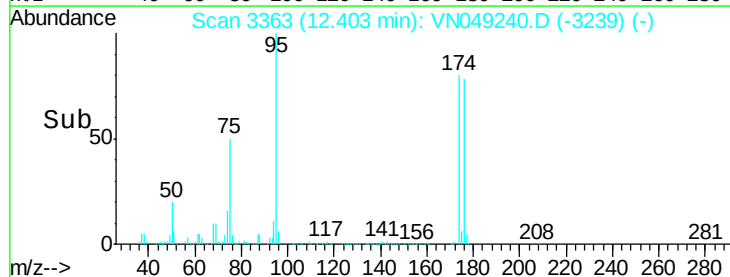
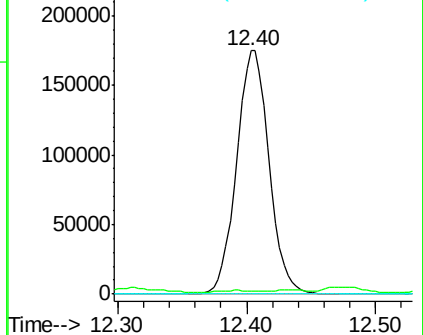
89 0.1 36.5 54.7#

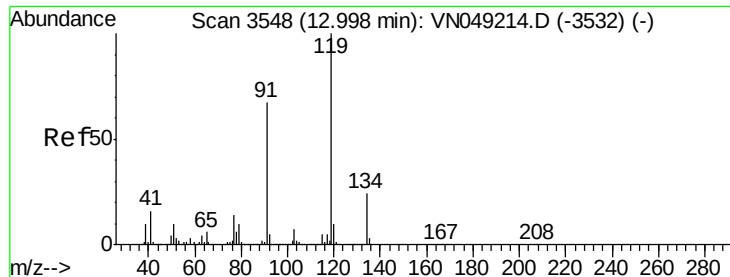


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#83

tert-Butylbenzene

Concen: 0.45 ug/l

RT: 12.99 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN049240.D

Acq: 14 Jun 2018 20:34

Instrument :

MSVOA_N

ClientSampled :

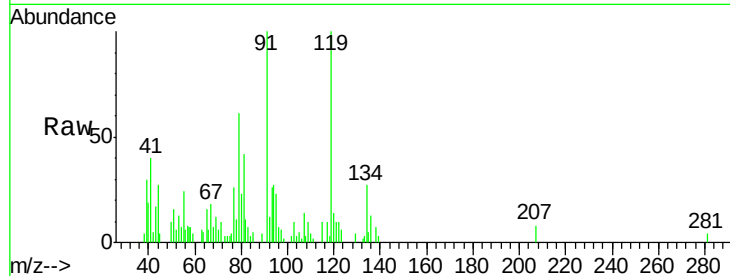
Tot Ion:119 Resp: 13061

Ion Ratio Lower Upper

119 100

91 109.4 33.7 101.0#

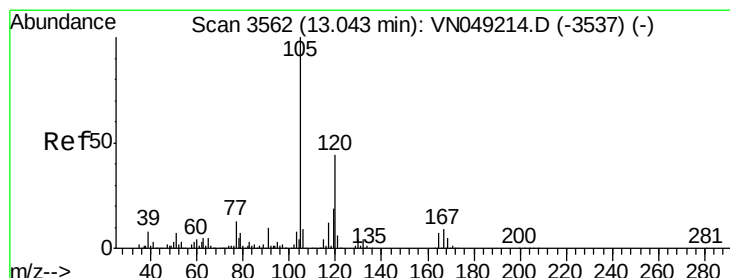
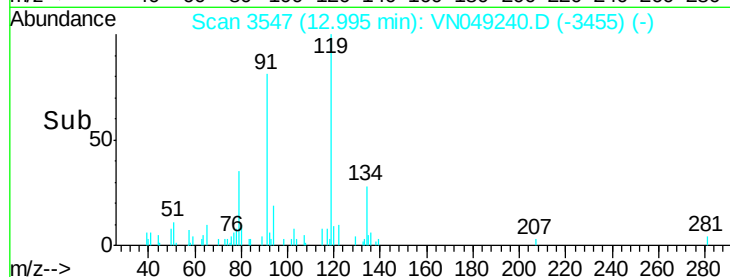
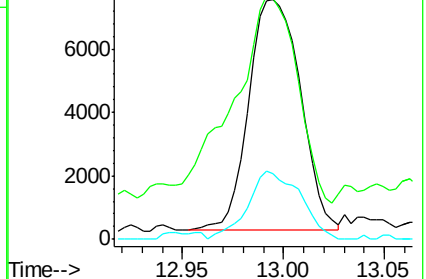
134 30.0 12.9 38.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 5.72 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.13 min

Lab File: VN049240.D

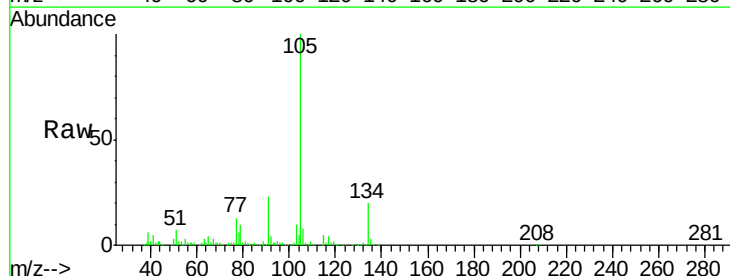
Acq: 14 Jun 2018 20:34

Tgt Ion:105 Resp: 191077

Ion Ratio Lower Upper

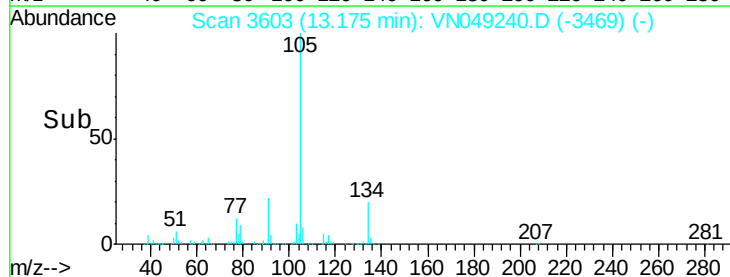
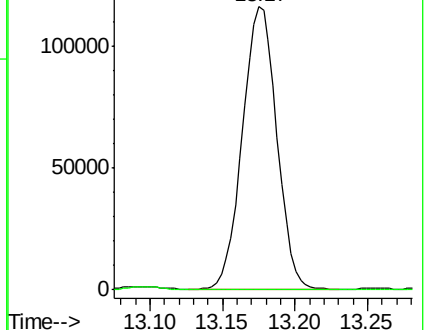
105 100

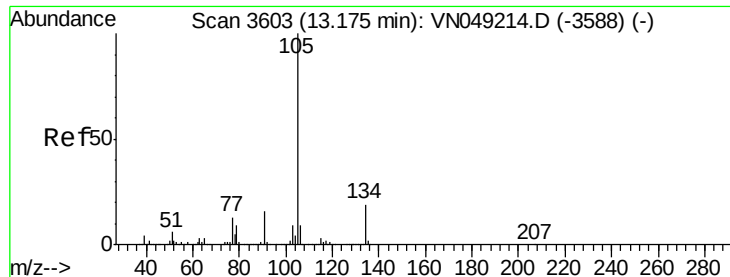
120 0.1 22.2 66.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 4.95 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049240.D

Acq: 14 Jun 2018 20:34

Instrument :

MSVOA_N

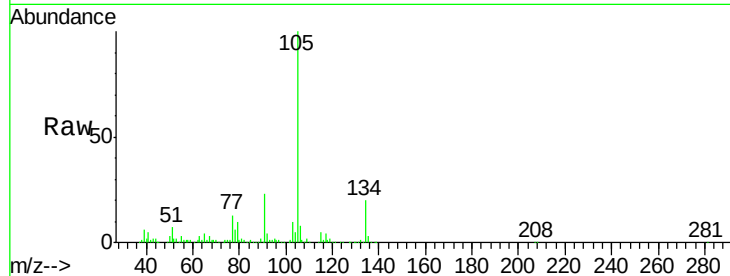
ClientSampled :

Tot Ion:105 Resp: 191077

Ion Ratio Lower Upper

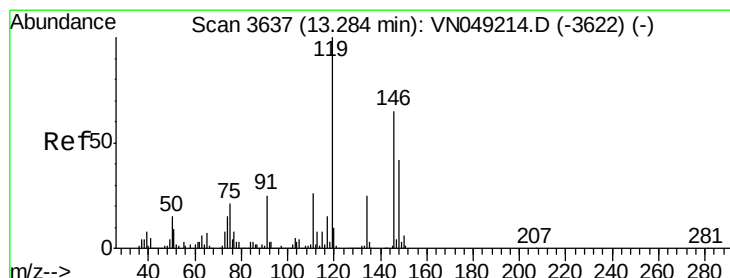
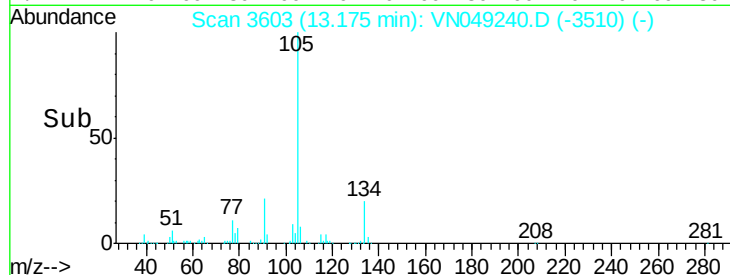
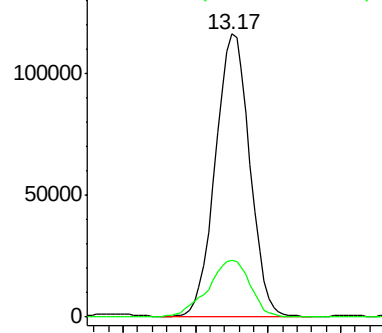
105 100

134 24.8 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#87

1,3-Dichlorobenzene

Concen: 0.23 ug/l

RT: 13.29 min Scan# 3638

Delta R.T. 0.00 min

Lab File: VN049240.D

Acq: 14 Jun 2018 20:34

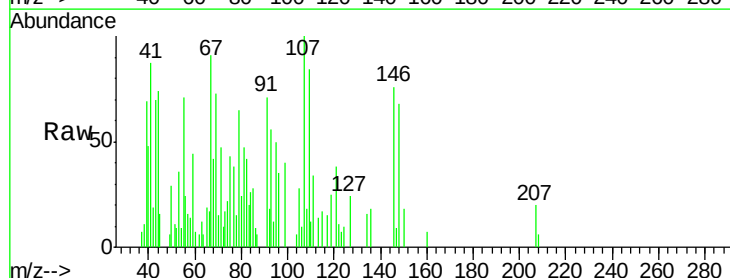
Tgt Ion:146 Resp: 3910

Ion Ratio Lower Upper

146 100

111 17.8 19.9 59.6#

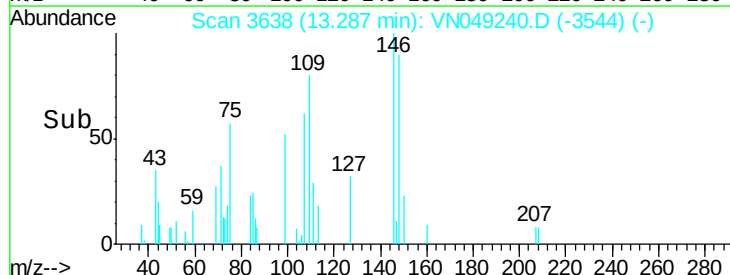
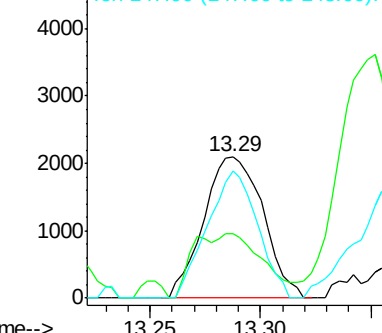
148 76.5 32.1 96.5

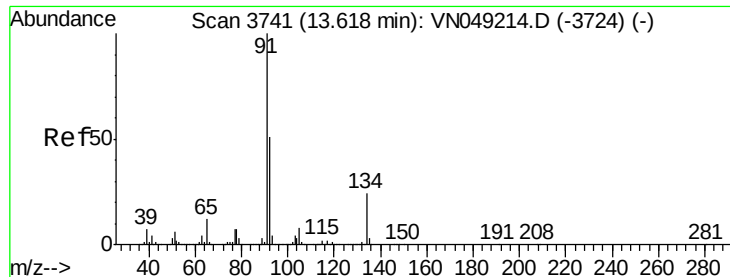


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 1.98 ug/l

RT: 13.60 min Scan# 3734

Delta R.T. -0.02 min

Lab File: VN049240.D

Acq: 14 Jun 2018 20:34

Instrument :

MSVOA_N

ClientSampled :

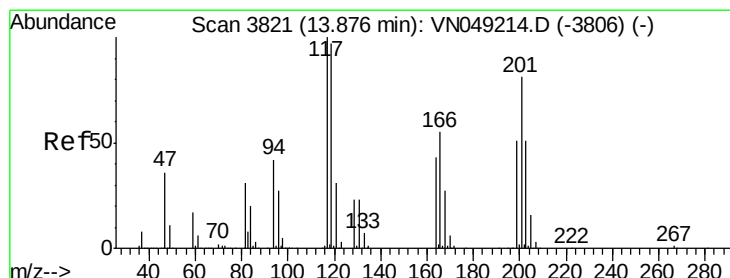
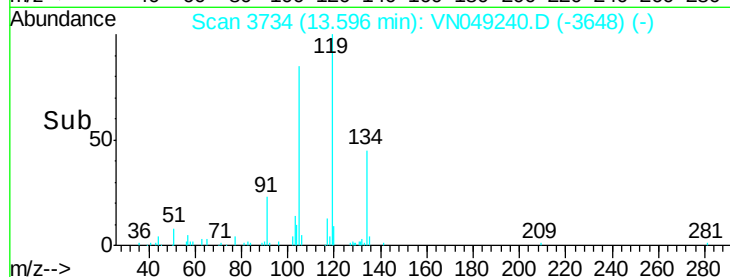
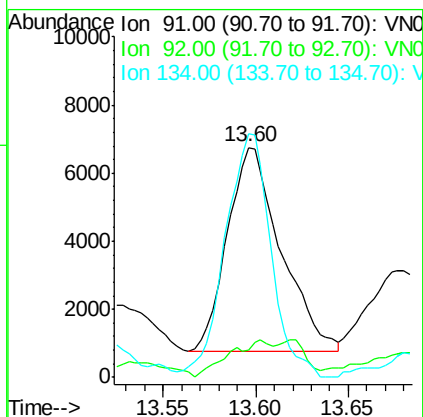
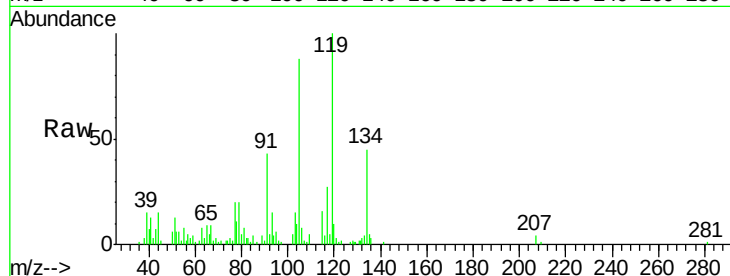
Tot Ion: 91 Resp: 12051

Ion Ratio Lower Upper

91 100

92 14.5 25.1 75.4#

134 101.9 12.0 36.0#



#90

Hexachloroethane

Concen: Below Cal

RT: 13.88 min Scan# 3822

Delta R.T. 0.00 min

Lab File: VN049240.D

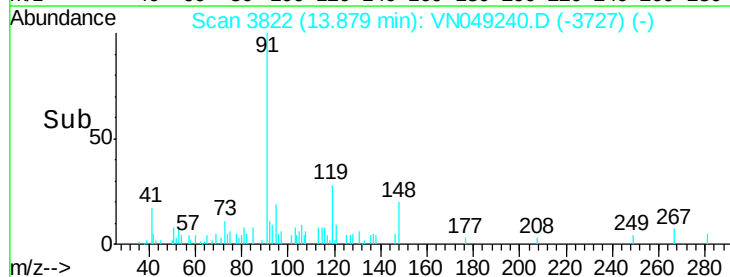
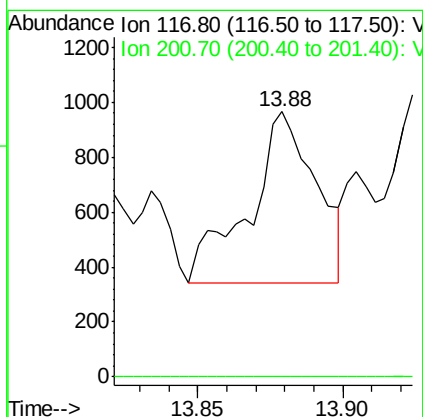
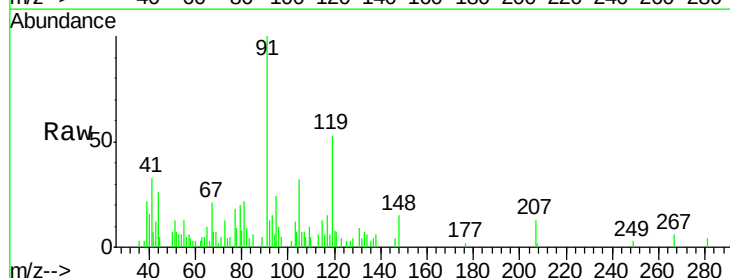
Acq: 14 Jun 2018 20:34

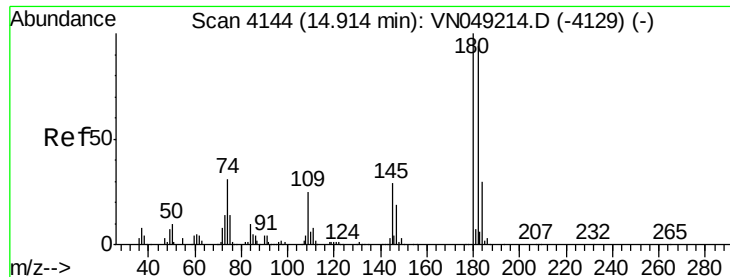
Tgt Ion: 117 Resp: 999

Ion Ratio Lower Upper

117 100

201 0.0 40.1 120.2#

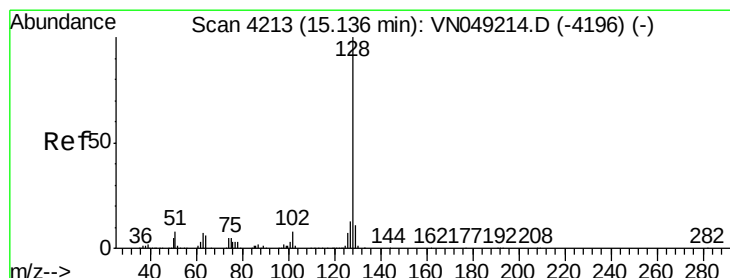
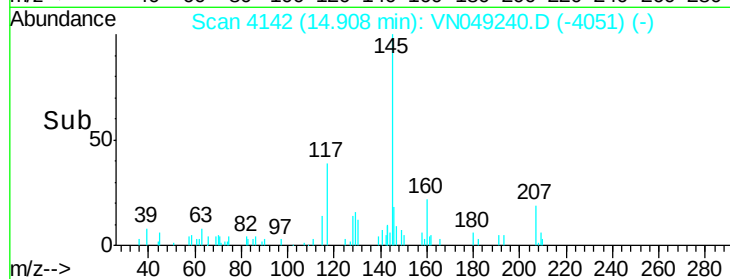
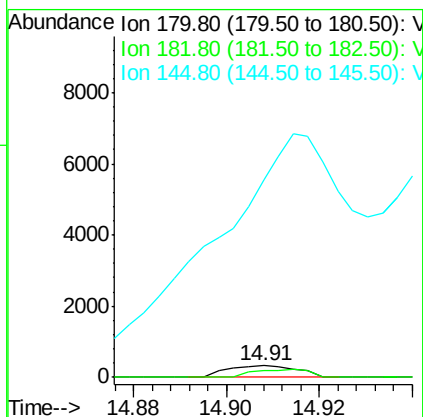
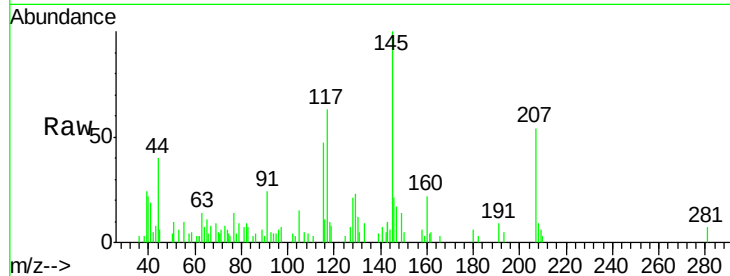




#93
 1,2,4-Trichlorobenzene
 Concen: 4.43 ug/l
 RT: 14.91 min Scan# 4142
 Delta R.T. -0.01 min
 Lab File: VN049240.D
 Acq: 14 Jun 2018 20:34

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 345
 Ion Ratio Lower Upper
 180 100
 182 52.8 46.9 140.8
 145 4242.6 14.7 44.1#



#95
 Naphthalene
 Concen: 5.56 ug/l
 RT: 15.11 min Scan# 4206
 Delta R.T. -0.02 min
 Lab File: VN049240.D
 Acq: 14 Jun 2018 20:34

Tgt Ion:128 Resp: 2496
 Ion Ratio Lower Upper
 128 100
 127 9.7 10.6 16.0#
 129 0.0 8.5 12.7#

