

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061818\
 Data File : VN049345.D
 Acq On : 18 Jun 2018 16:04
 Operator : MD\SY
 Sample : J3435-07 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 19 01:32:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1835641	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2767056	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2354483	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1028173	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	1163094	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	
35) Dibromofluoromethane	7.59	113	1020332	45.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.16%	
50) Toluene-d8	10.09	98	3848797	45.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.30%	
62) 4-Bromofluorobenzene	12.40	95	1215909	43.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.28%	

Target Compounds

						Qvalue
5) Bromomethane	2.57	94	4843	0.32	ug/l	88
13) Acrolein	3.60	56	827	0.55	ug/l #	14
14) Allyl chloride	4.40	41	8358	0.25	ug/l #	20
16) Acetone	3.81	43	16683	2.82	ug/l #	78
17) Carbon Disulfide	4.05	76	15326	0.23	ug/l #	95
18) Methyl Acetate	4.33	43	43899	2.44	ug/l	99
20) Methylene Chloride	4.55	84	5075	0.21	ug/l #	63
25) 2-Butanone	6.85	43	10083	1.27	ug/l	97
29) Tetrahydrofuran	7.22	42	3383	0.66	ug/l #	66
31) Cyclohexane	7.66	56	337605	9.23	ug/l #	83
36) 1,1-Dichloropropene	7.67	75	124233	3.92	ug/l #	55
38) Carbon Tetrachloride	7.67	117	162665	4.95	ug/l #	17
39) Methylcyclohexane	9.08	83	125719	3.69	ug/l	99
43) Isopropyl Acetate	8.28	43	303972	9.23	ug/l #	64
48) Methyl methacrylate	9.27	41	9655	0.62	ug/l #	51
49) 1,4-Dioxane	9.21	88	190	0.89	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	5057	0.29	ug/l	92
52) Toluene	10.16	92	188359	3.30	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	7062	0.33	ug/l #	18
58) 2-Chloroethyl Vinyl ether	9.68	63	481	14.38	ug/l #	51
59) 2-Hexanone	10.76	43	10014	0.90	ug/l	88
67) Ethyl Benzene	11.51	91	4203259	41.78	ug/l	98
68) m/p-Xylenes	11.63	106	3858162	102.19	ug/l	97
69) o-Xylene	11.95	106	1038282	28.55	ug/l	95
70) Styrene	11.95	104	65287	1.14	ug/l #	1
73) Isopropylbenzene	12.25	105	429357	4.76	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	2268	Below	Cal #	43
76) 1,2,3-Trichloropropane	12.66	75	29282	1.67	ug/l #	100
78) n-propylbenzene	12.59	91	1195255	12.06	ug/l	99
79) 2-Chlorotoluene	12.66	91	451797	7.19	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.73	105	1814193	25.57	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	589673	106.23	ug/l #	9
82) 4-Chlorotoluene	12.73	91	192530	3.18	ug/l #	42
83) tert-Butylbenzene	13.04	119	877545	13.96	ug/l #	72

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061818\
 Data File : VN049345.D
 Acq On : 18 Jun 2018 16:04
 Operator : MD\SY
 Sample : J3435-07 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 19 01:32:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

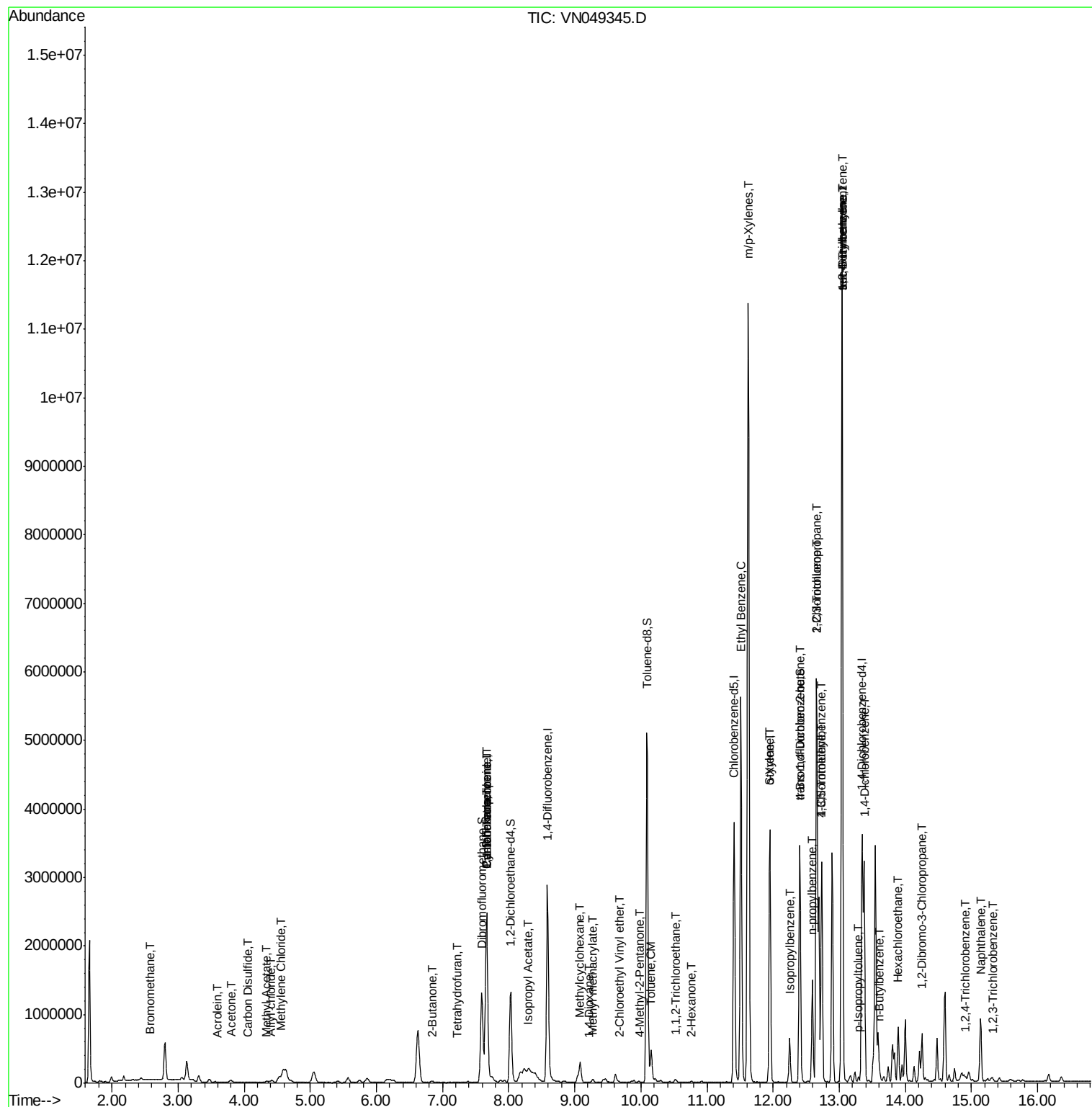
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	13.04	105	7194417	102.06	ug/l	98
85) sec-Butylbenzene	13.04	105	7194417	85.99	ug/l #	57
86) p-Isopropyltoluene	13.29	119	27938	0.40	ug/l #	73
88) 1,4-Dichlorobenzene	13.37	146	9509	0.24	ug/l #	53
89) n-Butylbenzene	13.62	91	47996	0.88	ug/l #	69
90) Hexachloroethane	13.89	117	45174	1.78	ug/l #	10
92) 1,2-Dibromo-3-Chloropropan	14.26	75	3182	1.01	ug/l #	28
93) 1,2,4-Trichlorobenzene	14.91	180	16320	5.58	ug/l #	88
94) Hexachlorobutadiene	15.01	225	5140	Below	Cal	96
95) Naphthalene	15.14	128	796955	28.02	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	16744	4.36	ug/l #	88

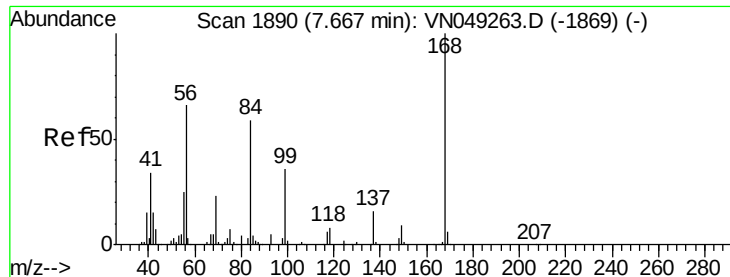
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061818\
Data File : VN049345.D
Acq On : 18 Jun 2018 16:04
Operator : MD\SY
Sample : J3435-07 5X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampled :

Quant Time: Jun 19 01:32:31 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 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: VN049345.D

Acq: 18 Jun 2018 16:04

Instrument :

MSVOA_N

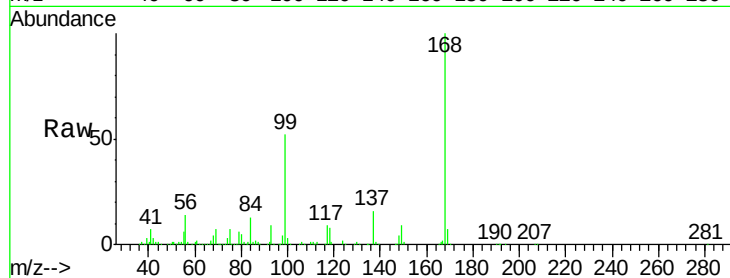
ClientSampleId :

Tot Ion:168 Resp: 1835641

Ion Ratio Lower Upper

168 100

99 52.1 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

800000

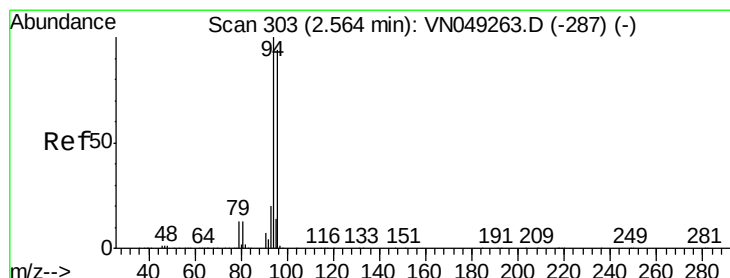
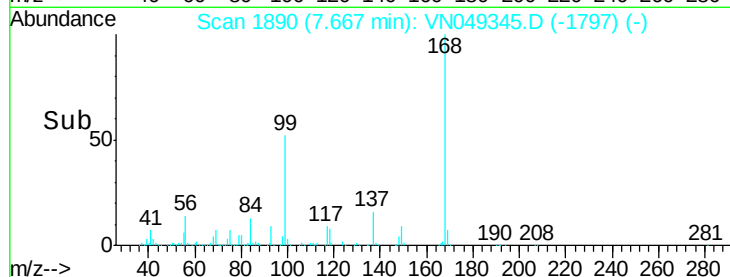
600000

400000

200000

0

Time-->



#5

Bromomethane

Concen: 0.32 ug/l

RT: 2.57 min Scan# 305

Delta R.T. 0.01 min

Lab File: VN049345.D

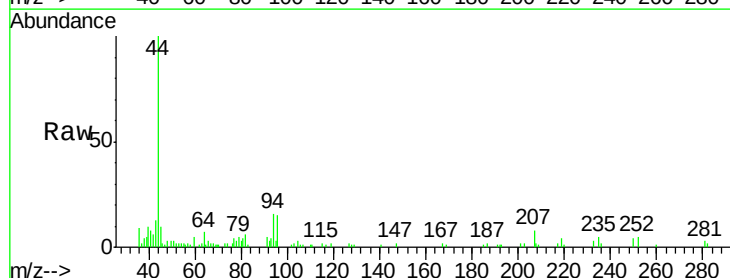
Acq: 18 Jun 2018 16:04

Tgt Ion: 94 Resp: 4843

Ion Ratio Lower Upper

94 100

96 79.2 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.57

2500

2000

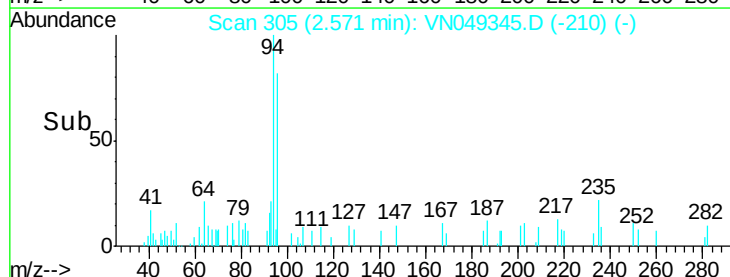
1500

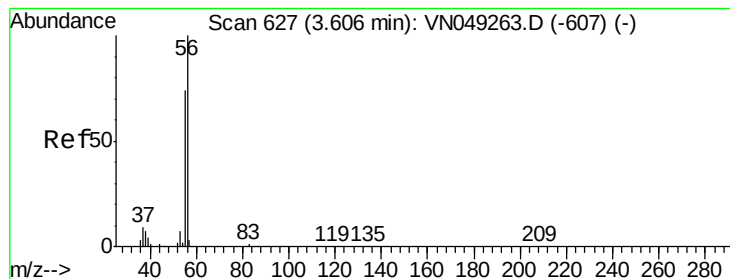
1000

500

0

Time-->





#13

Acrolein

Concen: 0.55 ug/l

RT: 3.60 min Scan# 626

Delta R.T. -0.00 min

Lab File: VN049345.D

Acq: 18 Jun 2018 16:04

Instrument :

MSVOA_N

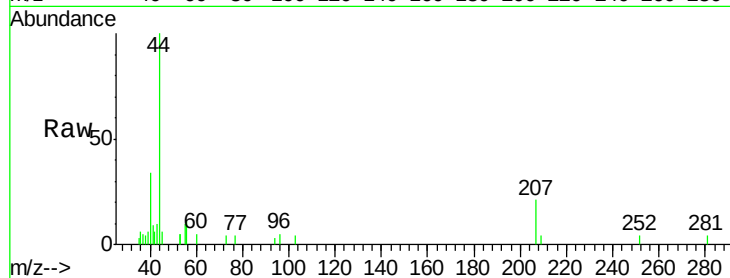
ClientSampleId :

Tot Ion: 56 Resp: 827

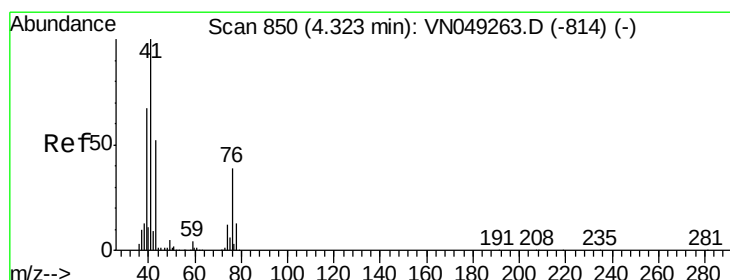
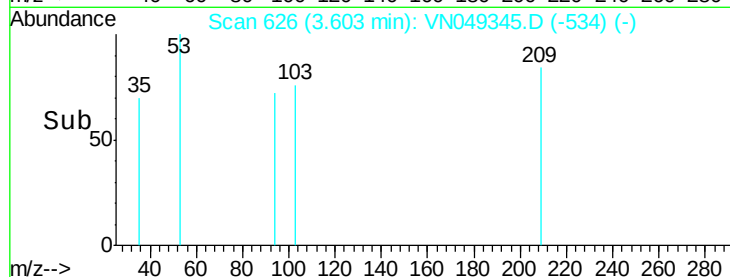
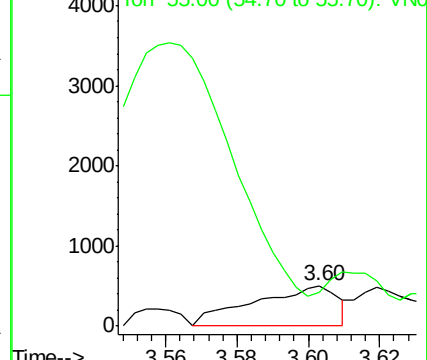
Ion Ratio Lower Upper

56 100

55 0.0 57.1 85.7#



Abundance Ion 56.00 (55.70 to 56.70): VN049263.D (-607) (-)



#14

Allyl chloride

Concen: 0.25 ug/l

RT: 4.40 min Scan# 875

Delta R.T. 0.08 min

Lab File: VN049345.D

Acq: 18 Jun 2018 16:04

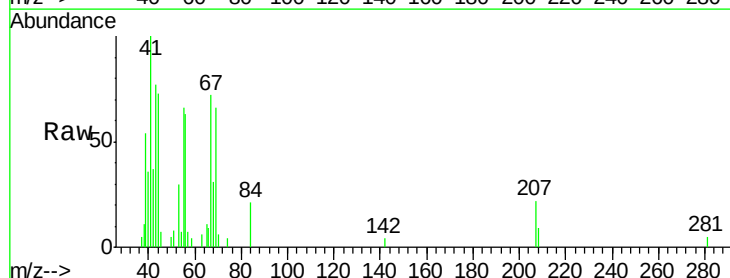
Tgt Ion: 41 Resp: 8358

Ion Ratio Lower Upper

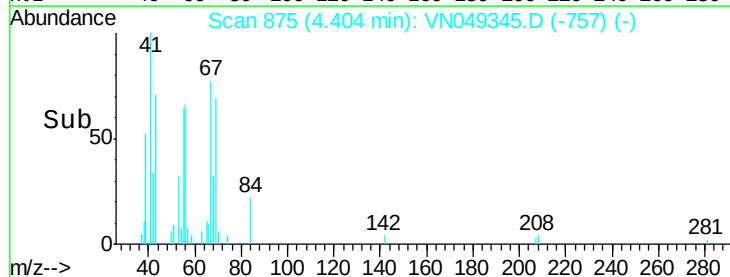
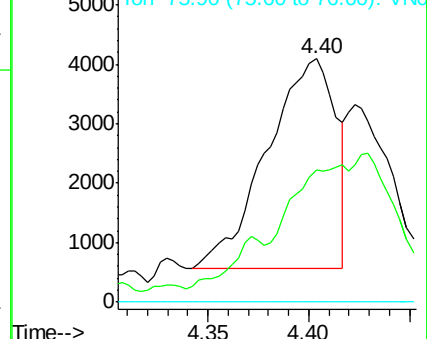
41 100

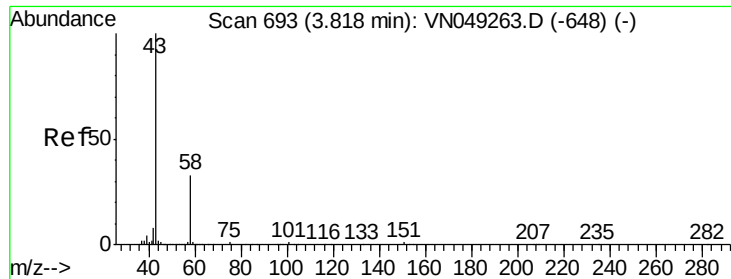
39 0.0 62.5 93.7#

76 0.0 27.1 40.7#



Abundance Ion 41.00 (40.70 to 41.70): VN049263.D (-814) (-)

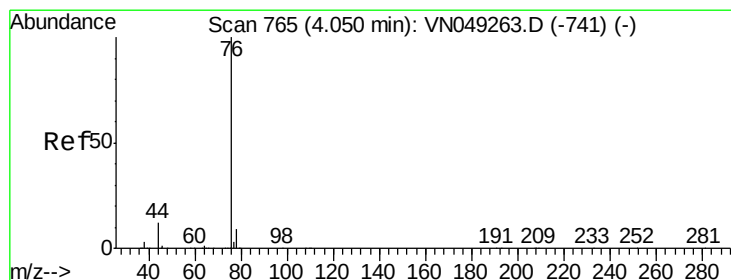
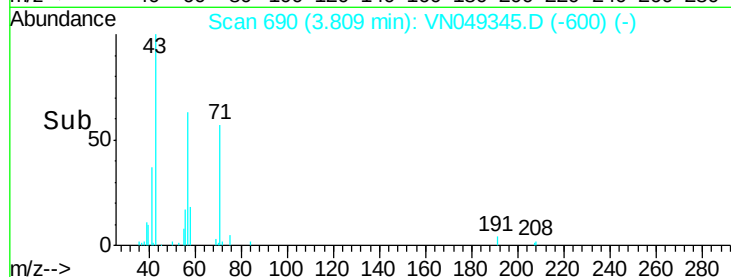
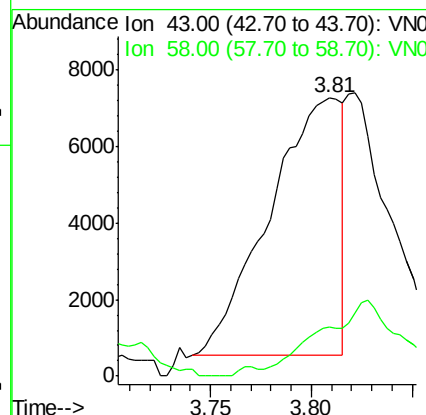
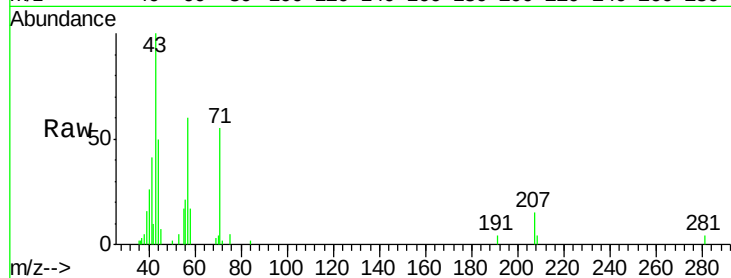




#16
Acetone
Concen: 2.82 ug/l
RT: 3.81 min Scan# 690
Delta R.T. -0.01 min
Lab File: VN049345.D
Acq: 18 Jun 2018 16:04

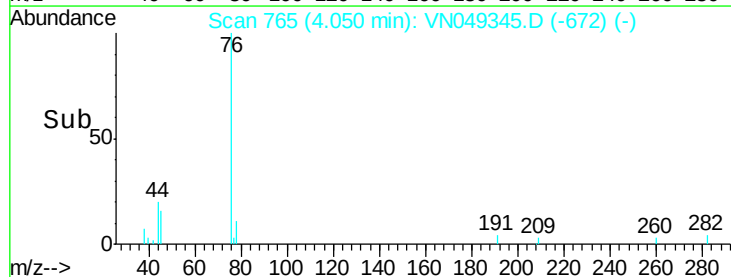
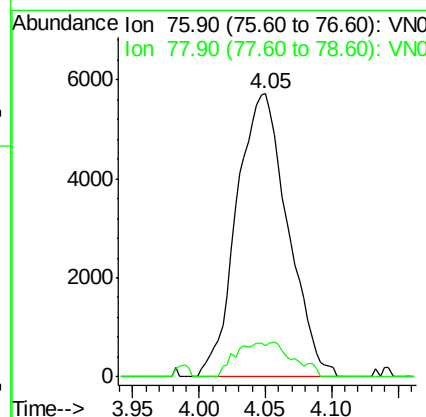
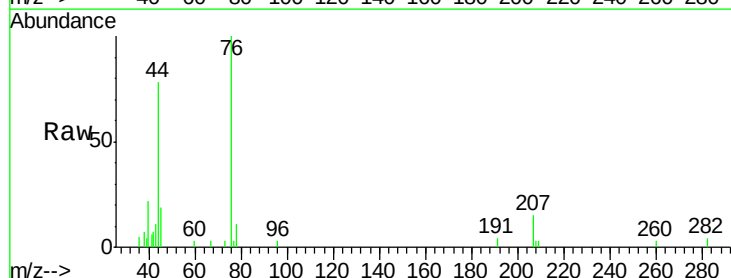
Instrument :
MSVOA_N
ClientSampled :

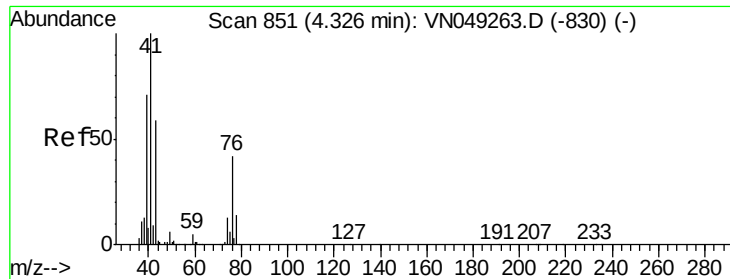
Tot Ion: 43 Resp: 16683
Ion Ratio Lower Upper
43 100
58 16.2 22.4 33.6#



#17
Carbon Disulfide
Concen: 0.23 ug/l
RT: 4.05 min Scan# 765
Delta R.T. 0.00 min
Lab File: VN049345.D
Acq: 18 Jun 2018 16:04

Tgt Ion: 76 Resp: 15326
Ion Ratio Lower Upper
76 100
78 11.1 7.4 11.0#

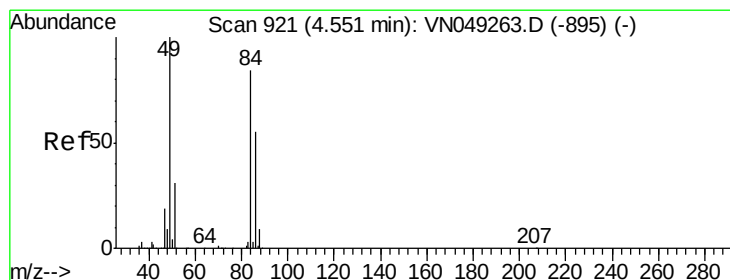
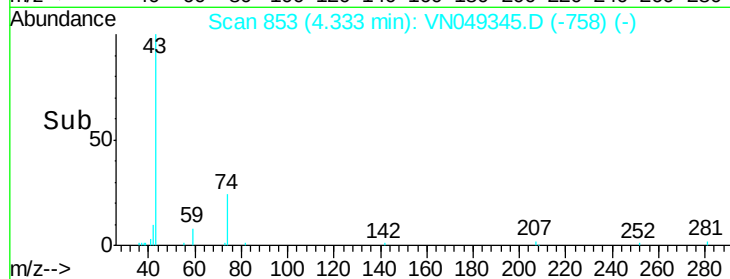
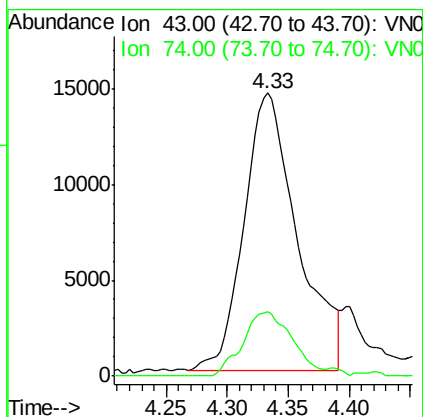
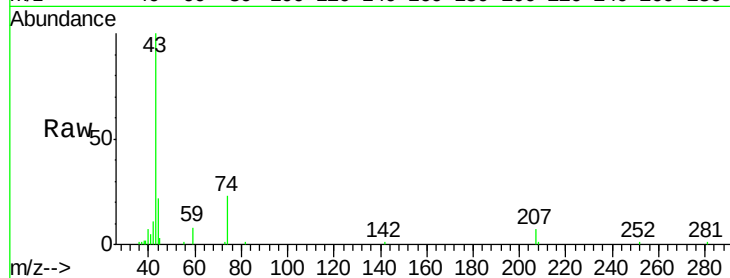




#18
Methvl Acetate
Concen: 2.44 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049345.D
Acq: 18 Jun 2018 16:04

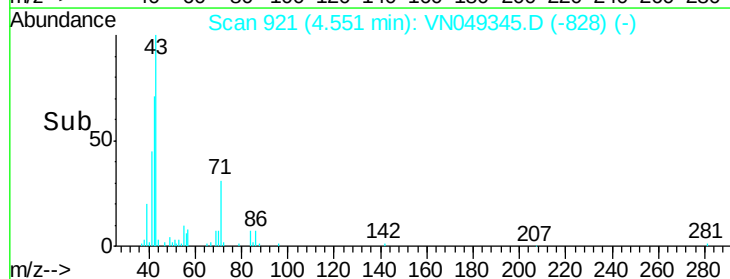
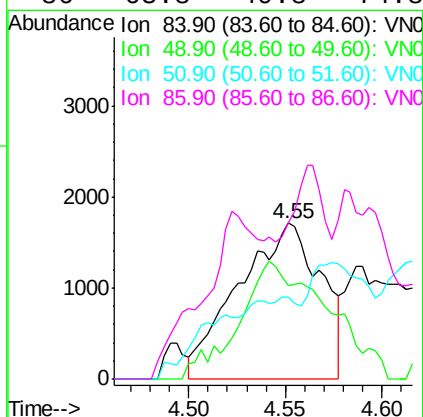
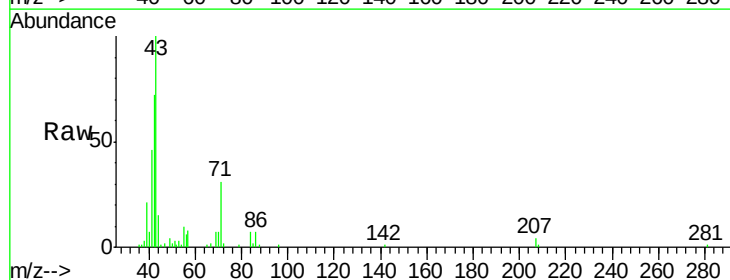
Instrument :
MSVOA_N
ClientSampleId :

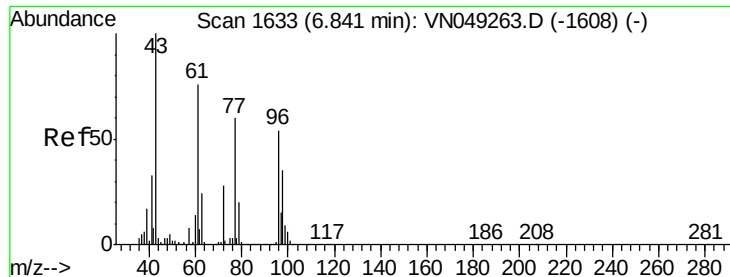
Tot Ion: 43 Resp: 43899
Ion Ratio Lower Upper
43 100
74 21.3 17.4 26.0



#20
Methylene Chloride
Concen: 0.21 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049345.D
Acq: 18 Jun 2018 16:04

Tgt Ion: 84 Resp: 5075
Ion Ratio Lower Upper
84 100
49 58.8 106.9 160.3#
51 37.9 32.7 49.1
86 63.8 49.8 74.8

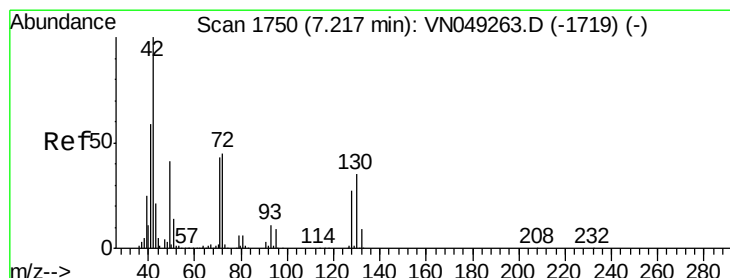
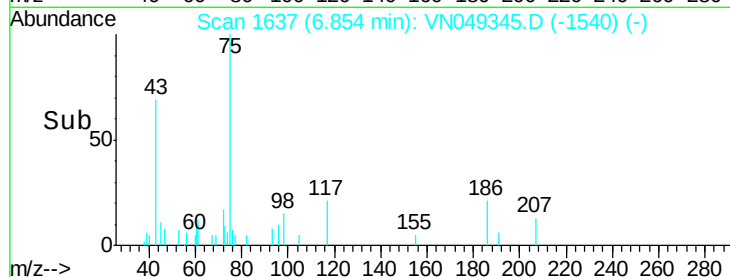
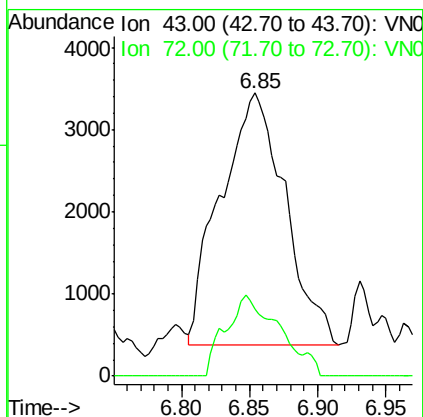
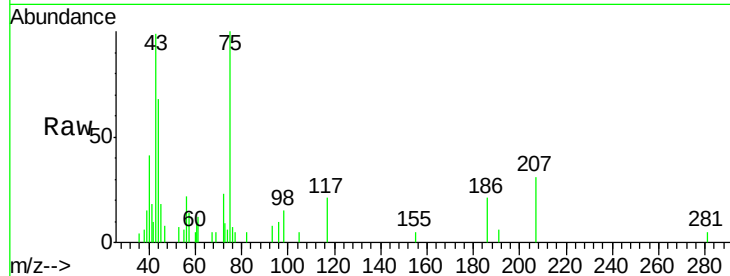




#25
 2-Butanone
 Concen: 1.27 ug/l
 RT: 6.85 min Scan# 1637
 Delta R.T. 0.01 min
 Lab File: VN049345.D
 Acq: 18 Jun 2018 16:04

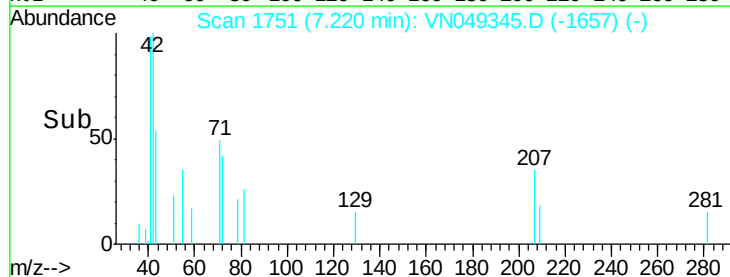
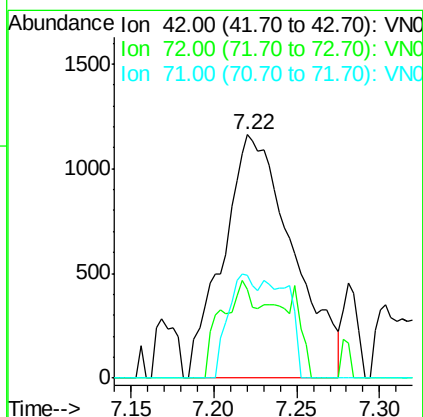
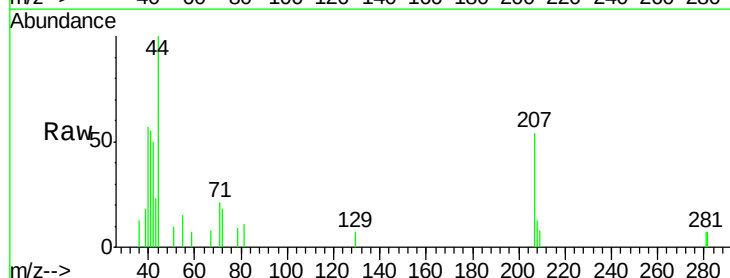
Instrument :
 MSVOA_N
 ClientSampleId :

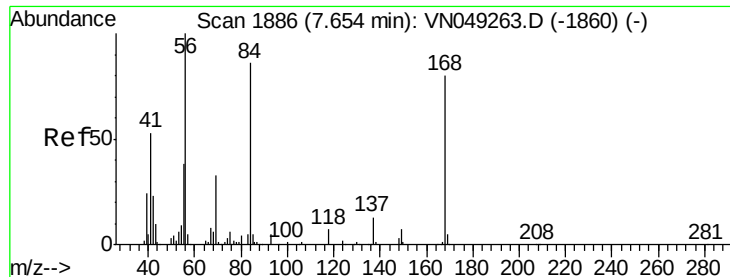
Tot Ion: 43 Resp: 10083
 Ion Ratio Lower Upper
 43 100
 72 26.5 20.2 30.2



#29
 Tetrahydrofuran
 Concen: 0.66 ug/l
 RT: 7.22 min Scan# 1751
 Delta R.T. 0.00 min
 Lab File: VN049345.D
 Acq: 18 Jun 2018 16:04

Tgt Ion: 42 Resp: 3383
 Ion Ratio Lower Upper
 42 100
 72 19.6 32.2 48.4#
 71 17.8 30.5 45.7#

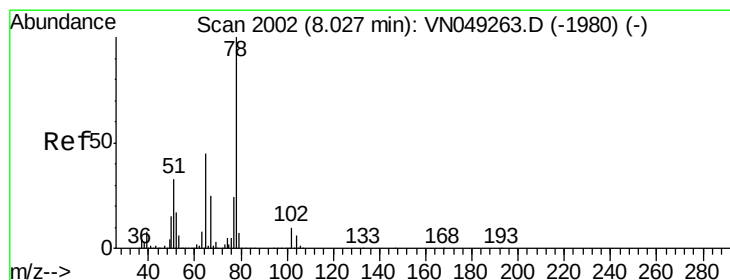
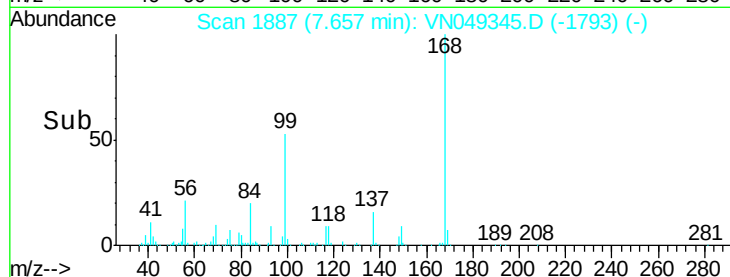
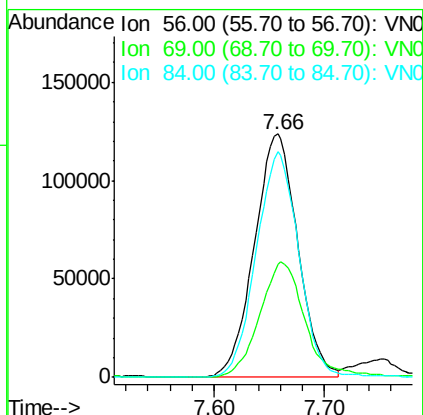
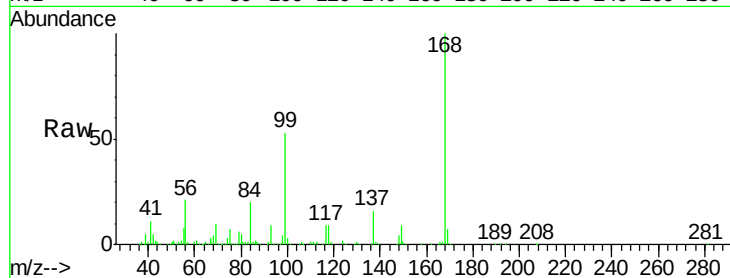




#31
Cyclohexane
Concen: 9.23 ug/l
RT: 7.66 min Scan# 1887
Delta R.T. 0.00 min
Lab File: VN049345.D
Acq: 18 Jun 2018 16:04

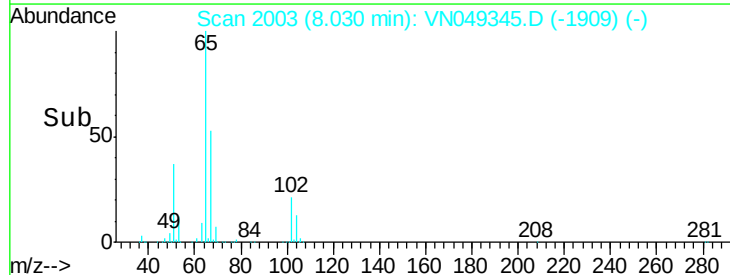
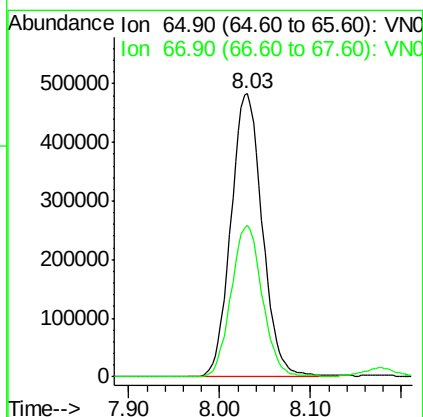
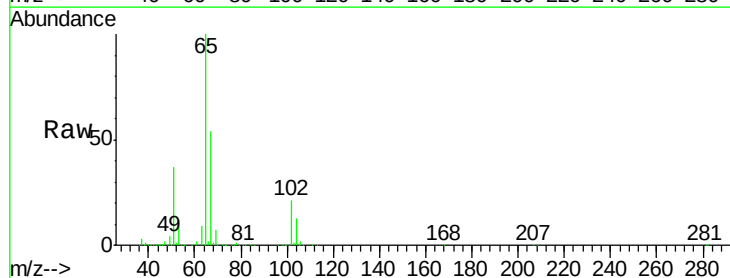
Instrument :
MSVOA_N
ClientSampled :

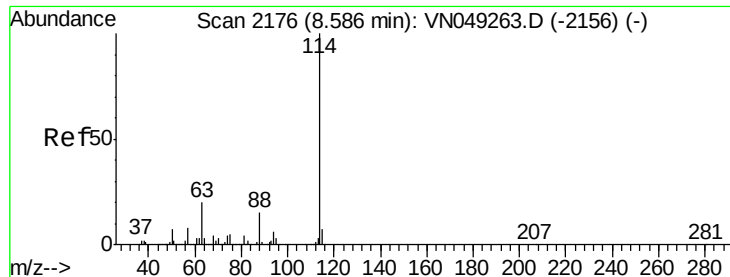
Tot Ion: 56 Resp: 337605
Ion Ratio Lower Upper
56 100
69 46.3 25.0 37.4#
84 92.7 64.6 96.8



#33
1,2-Dichloroethane-d4
Concen: 47.77 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049345.D
Acq: 18 Jun 2018 16:04

Tgt Ion: 65 Resp: 1163094
Ion Ratio Lower Upper
65 100
67 52.7 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049345.D

Acq: 18 Jun 2018 16:04

Instrument :

MSVOA_N

ClientSampleId :

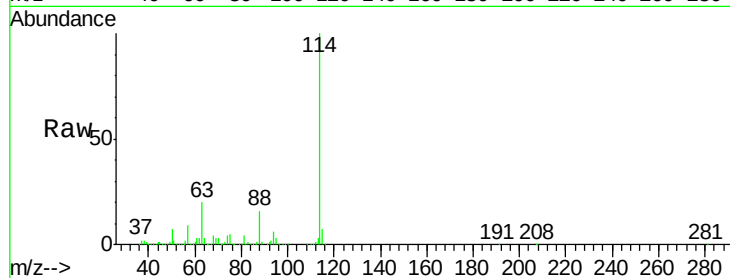
Tot Ion:114 Resp: 2767056

Ion Ratio Lower Upper

114 100

63 20.5 0.0 44.4

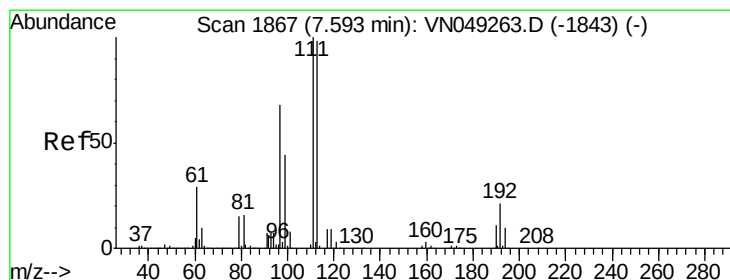
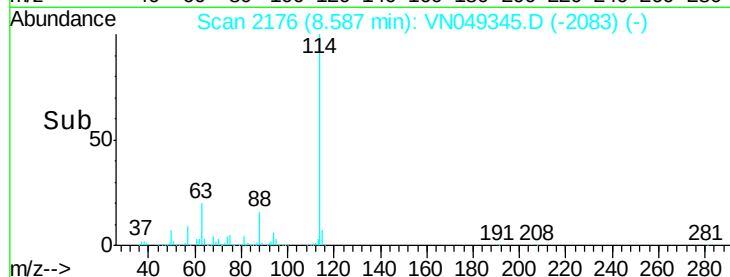
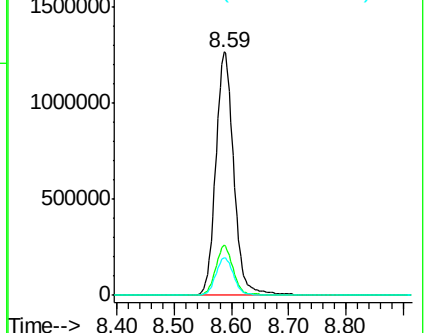
88 15.6 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 45.58 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049345.D

Acq: 18 Jun 2018 16:04

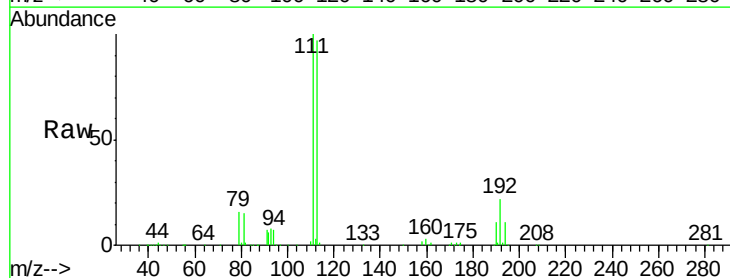
Tgt Ion:113 Resp: 1020332

Ion Ratio Lower Upper

113 100

111 102.2 82.4 123.6

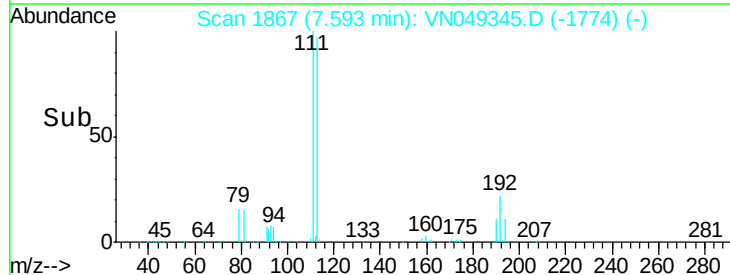
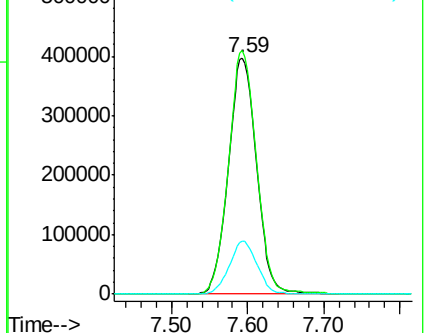
192 22.2 15.0 22.6

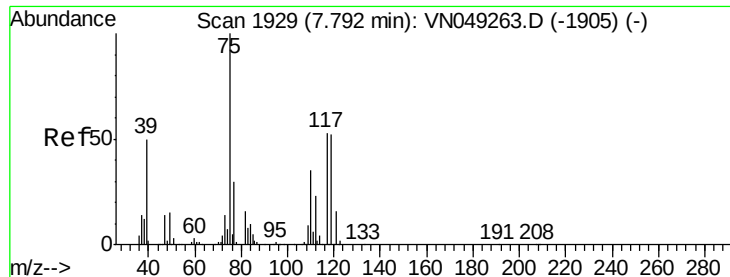


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 3.92 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.13 min

Lab File: VN049345.D

Acq: 18 Jun 2018 16:04

Instrument :

MSVOA_N

ClientSampled :

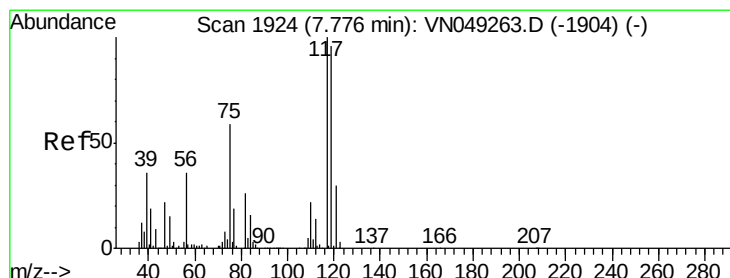
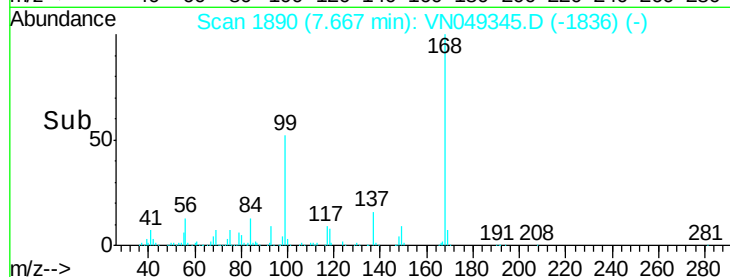
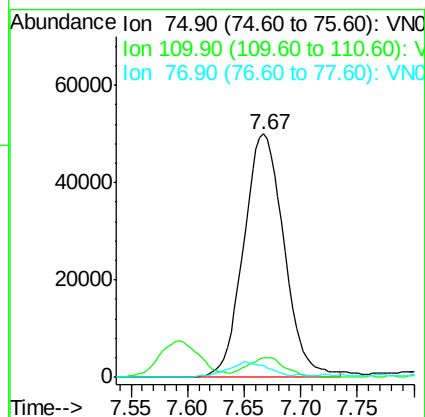
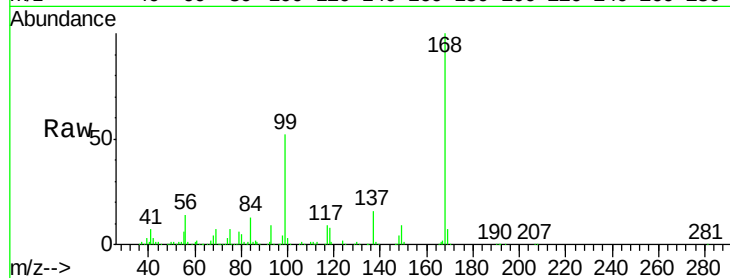
Tot Ion: 75 Resp: 124233

Ion Ratio Lower Upper

75 100

110 7.9 17.0 50.9#

77 6.4 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 4.95 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.11 min

Lab File: VN049345.D

Acq: 18 Jun 2018 16:04

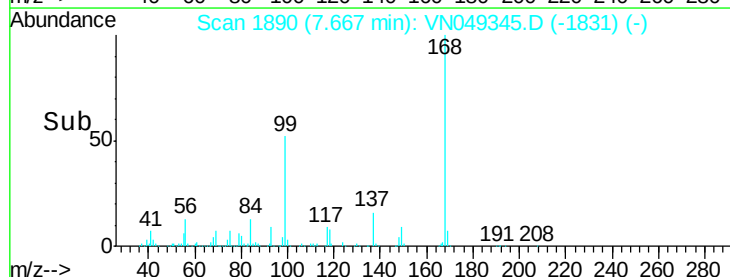
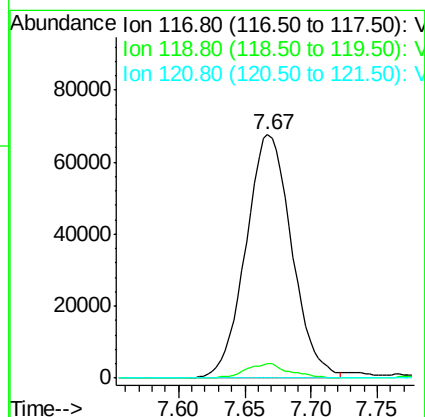
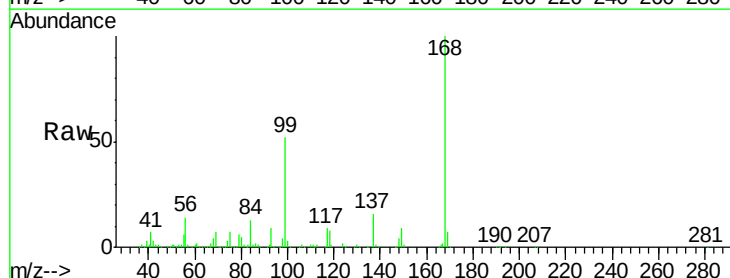
Tgt Ion: 117 Resp: 162665

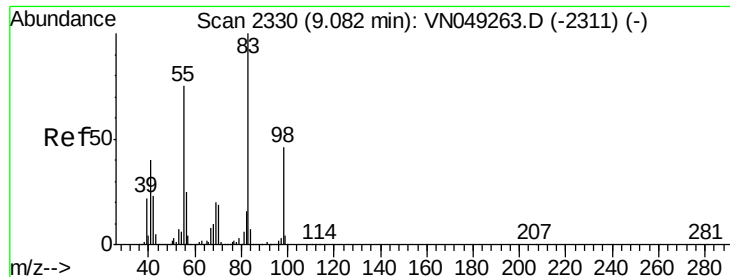
Ion Ratio Lower Upper

117 100

119 6.0 75.6 113.4#

121 0.0 24.7 37.1#

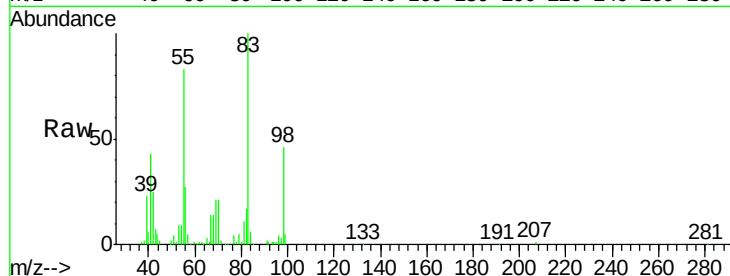




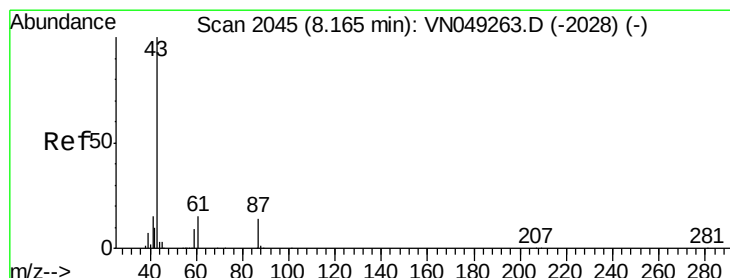
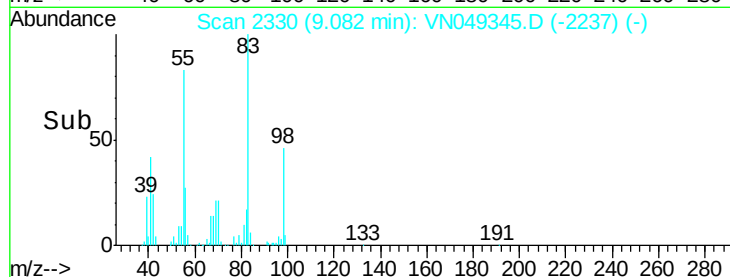
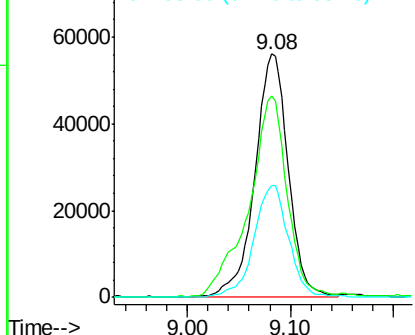
#39
Methylvlcyclohexane
Concen: 3.69 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN049345.D
Acq: 18 Jun 2018 16:04

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.6	65.1	97.7
98	45.7	36.5	54.7

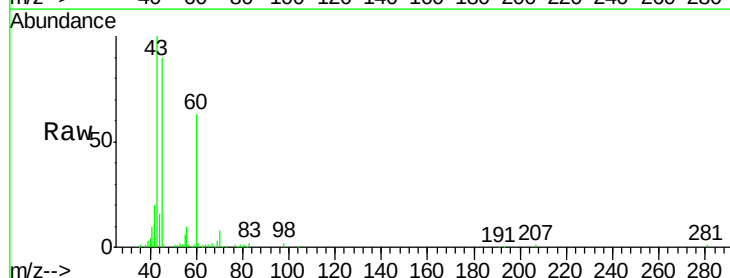


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

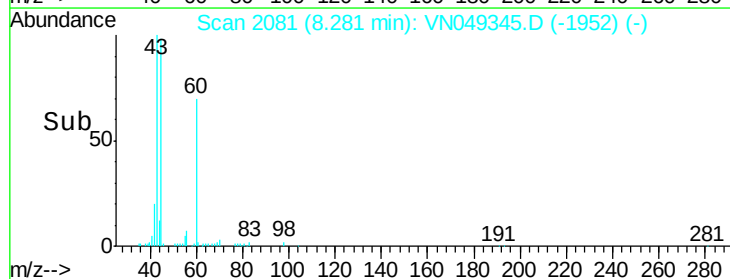
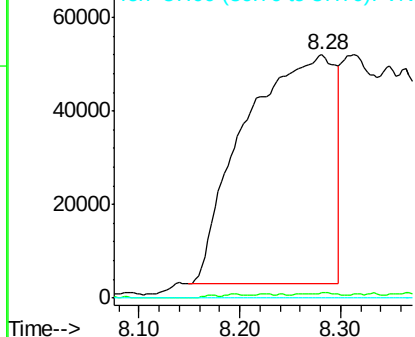


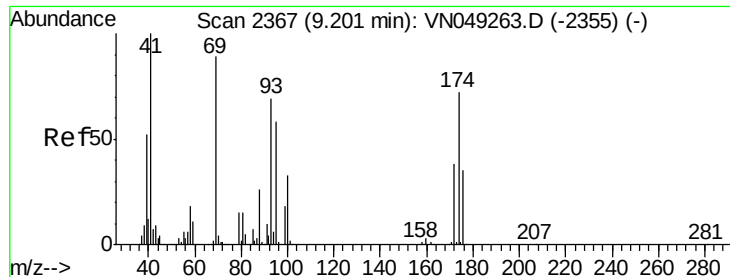
#43
Isopropyl Acetate
Concen: 9.23 ug/l
RT: 8.28 min Scan# 2081
Delta R.T. 0.12 min
Lab File: VN049345.D
Acq: 18 Jun 2018 16:04

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



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

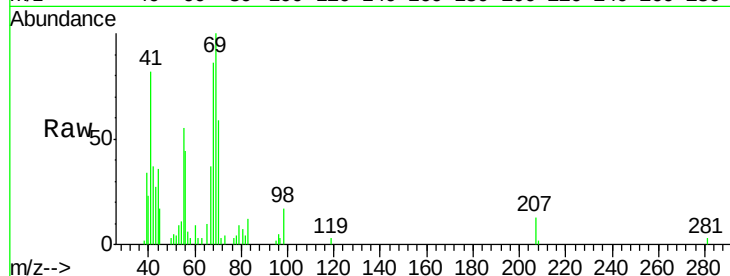




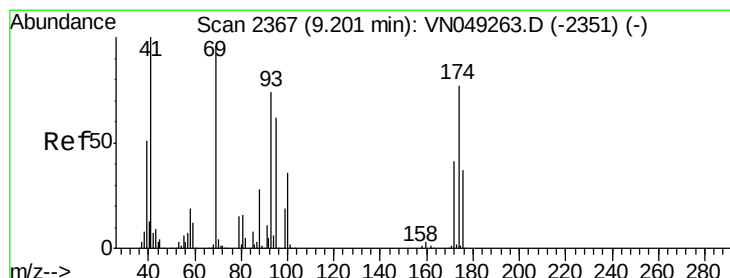
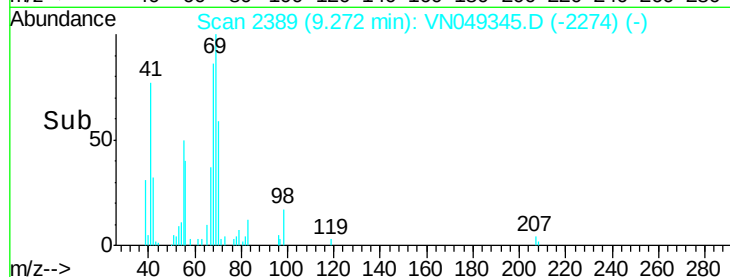
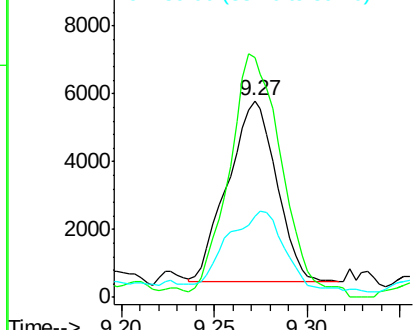
#48
Methvl methacrylate
Concen: 0.62 ug/l
RT: 9.27 min Scan# 2389
Delta R.T. 0.07 min
Lab File: VN049345.D
Acq: 18 Jun 2018 16:04

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 9655
Ion Ratio Lower Upper
41 100
69 147.4 62.0 93.0#
39 54.5 50.6 75.8

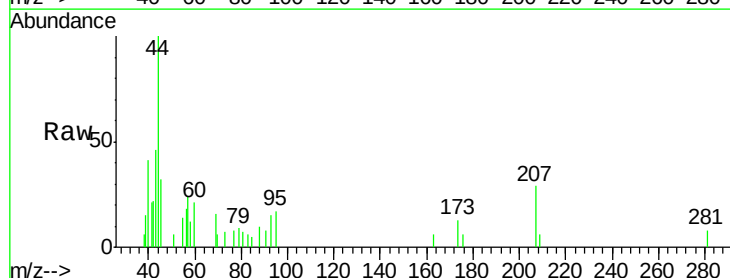


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

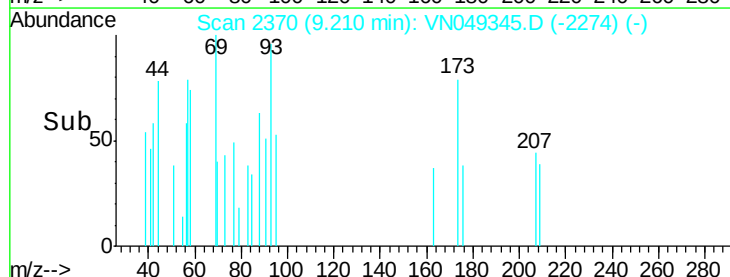
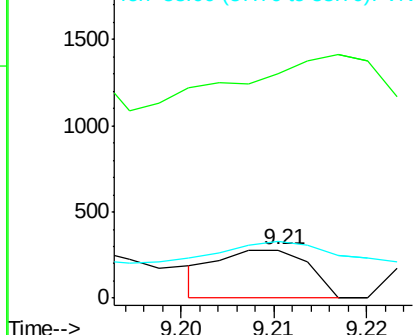


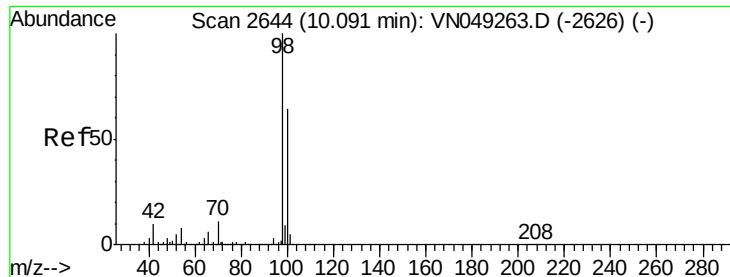
#49
1,4-Dioxane
Concen: 0.89 ug/l
RT: 9.21 min Scan# 2370
Delta R.T. 0.01 min
Lab File: VN049345.D
Acq: 18 Jun 2018 16:04

Tgt Ion: 88 Resp: 190
Ion Ratio Lower Upper
88 100
43 295.3 30.9 46.3#
58 274.7 58.9 88.3#



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

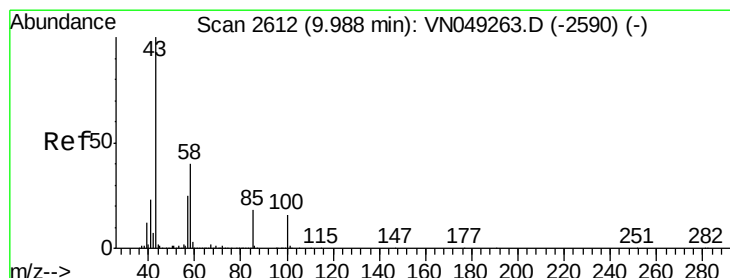
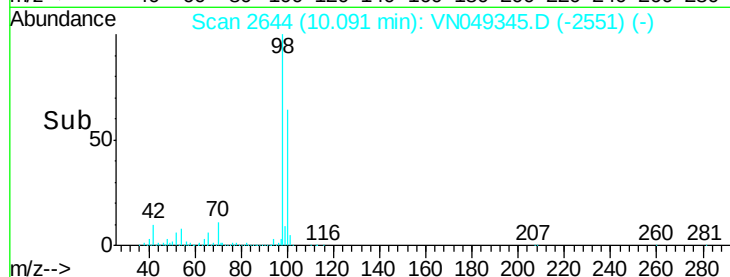
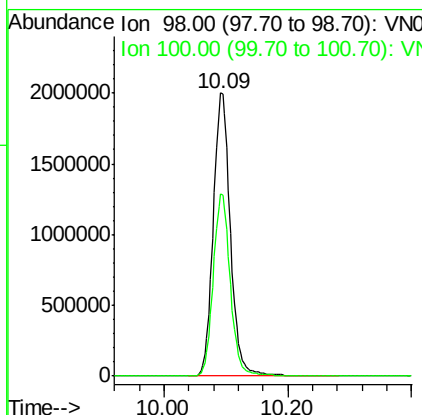
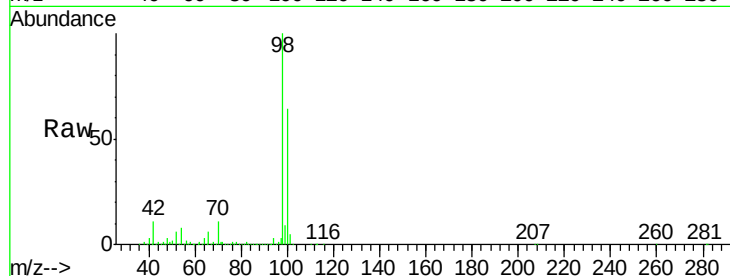




#50
Toluene-d8
Concen: 45.15 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049345.D
Acq: 18 Jun 2018 16:04

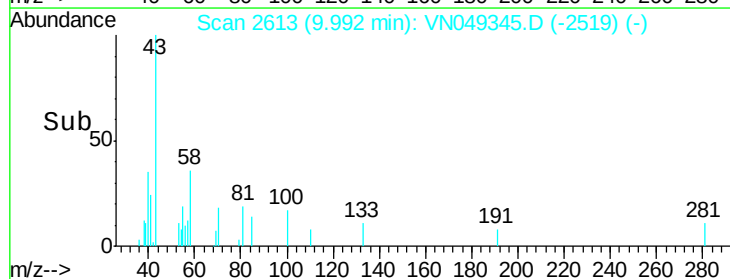
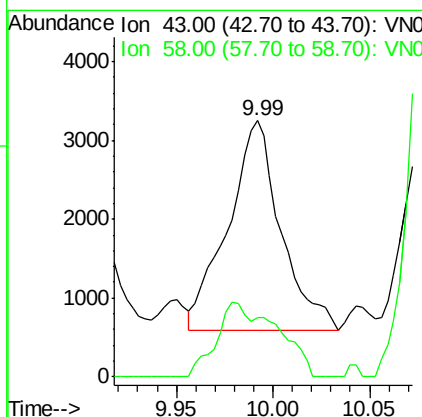
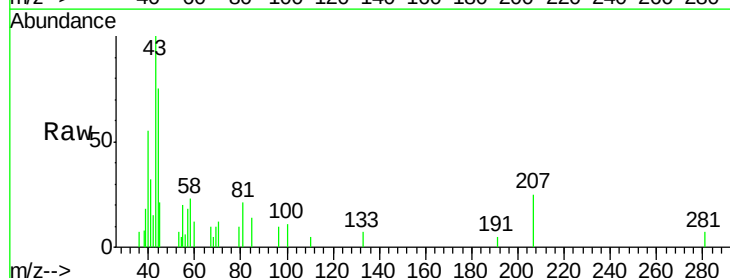
Instrument :
MSVOA_N
ClientSampled :

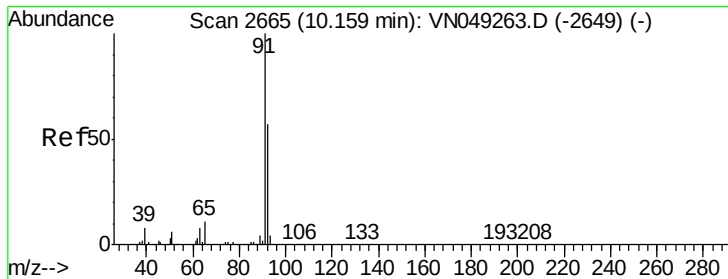
Tot Ion: 98 Resp: 3848797
Ion Ratio Lower Upper
98 100
100 64.2 49.8 74.8



#51
4-Methyl-2-Pentanone
Concen: 0.29 ug/l
RT: 9.99 min Scan# 2613
Delta R.T. 0.00 min
Lab File: VN049345.D
Acq: 18 Jun 2018 16:04

Tgt Ion: 43 Resp: 5057
Ion Ratio Lower Upper
43 100
58 40.9 29.0 43.6





#52

Toluene

Concen: 3.30 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. -0.00 min

Lab File: VN049345.D

Acq: 18 Jun 2018 16:04

Instrument :

MSVOA_N

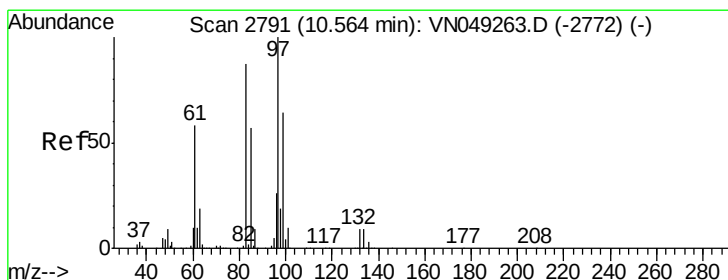
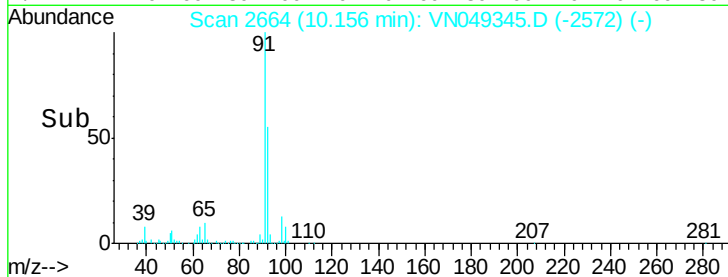
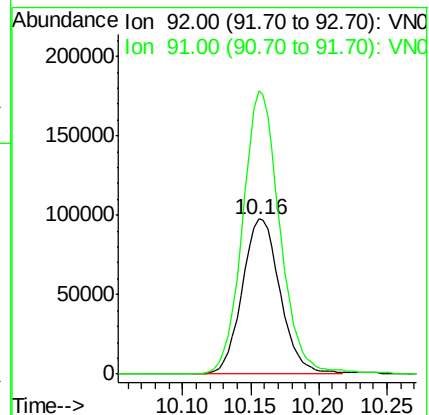
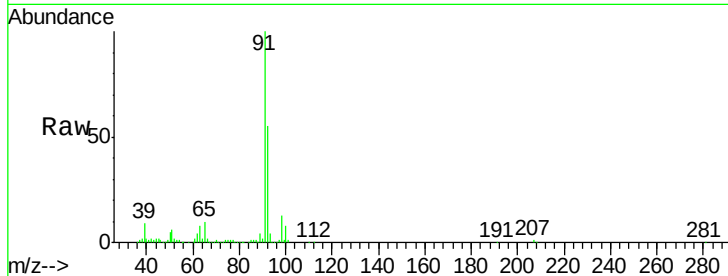
ClientSampleId :

Tot Ion: 92 Resp: 188359

Ion Ratio Lower Upper

92 100

91 178.9 143.4 215.2



#55

1,1,2-Trichloroethane

Concen: 0.33 ug/l

RT: 10.53 min Scan# 2781

Delta R.T. -0.03 min

Lab File: VN049345.D

Acq: 18 Jun 2018 16:04

Tgt Ion: 97 Resp: 7062

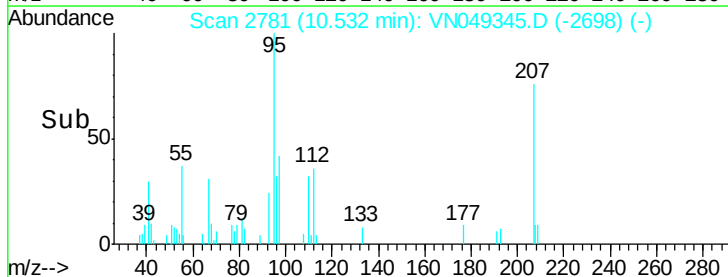
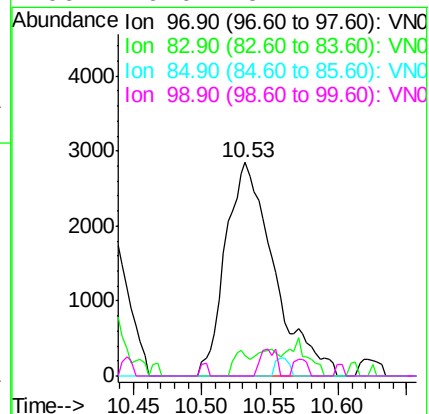
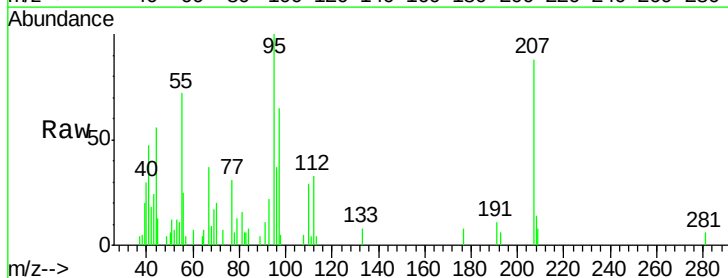
Ion Ratio Lower Upper

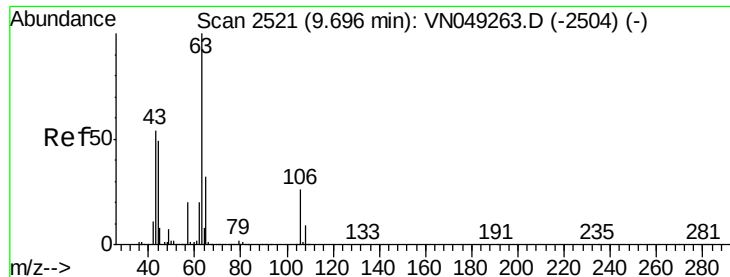
97 100

83 9.7 71.5 107.3#

85 0.0 47.0 70.4#

99 0.0 51.4 77.2#





#58

2-Chloroethyl Vinyl ether

Concen: 14.38 ug/l

RT: 9.68 min Scan# 2517

Delta R.T. -0.01 min

Lab File: VN049345.D

Acq: 18 Jun 2018 16:04

Instrument :

MSVOA_N

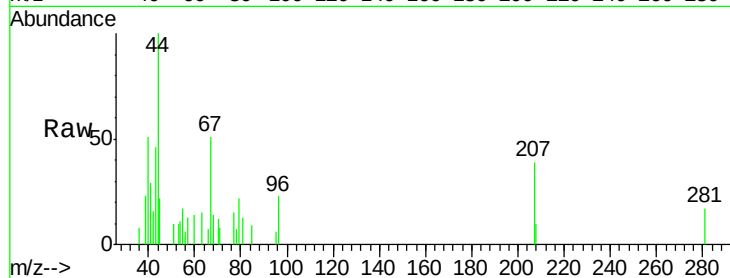
ClientSampled :

Tot Ion: 63 Resp: 481

Ion Ratio Lower Upper

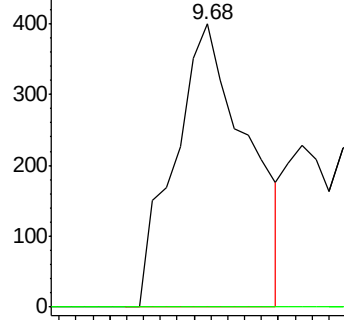
63 100

106 0.0 19.4 29.2#

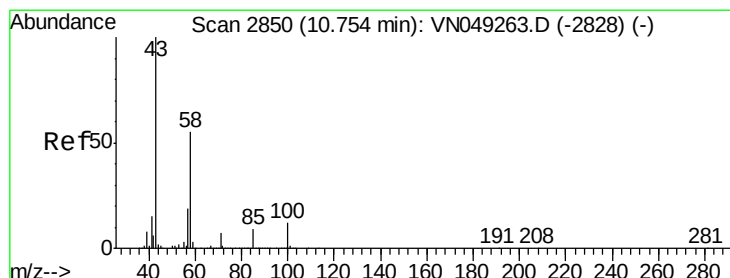
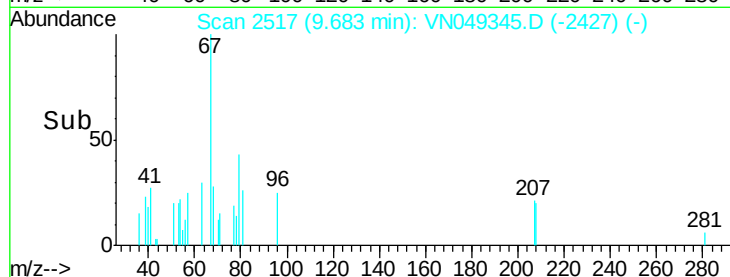


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V



Time-->



#59

2-Hexanone

Concen: 0.90 ug/l

RT: 10.76 min Scan# 2852

Delta R.T. 0.01 min

Lab File: VN049345.D

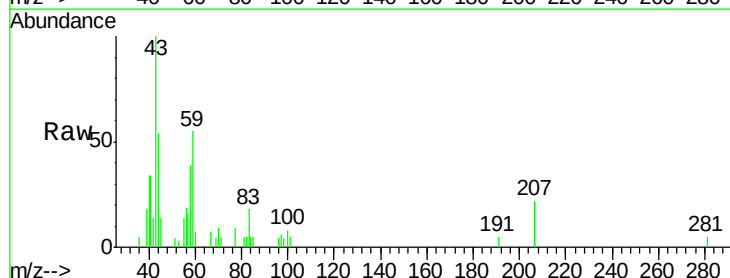
Acq: 18 Jun 2018 16:04

Tgt Ion: 43 Resp: 10014

Ion Ratio Lower Upper

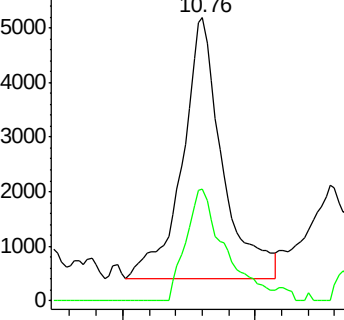
43 100

58 42.1 25.2 75.6

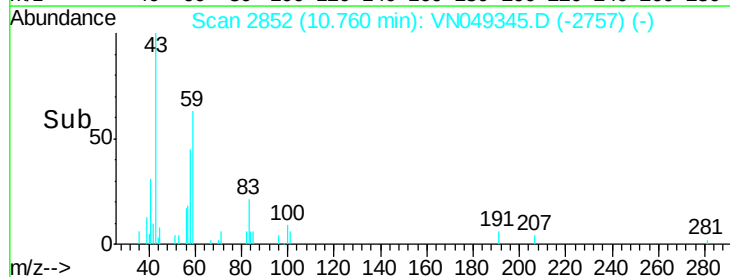


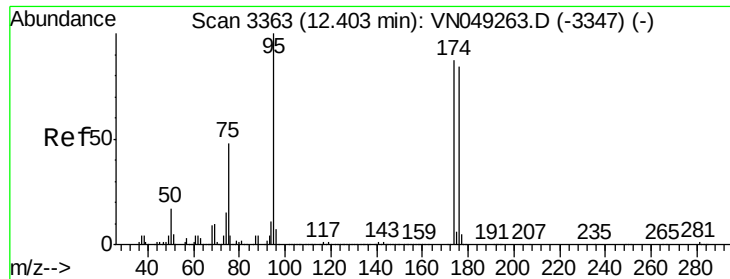
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



Time-->





#62

4-Bromofluorobenzene

Concen: 43.14 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049345.D

Acq: 18 Jun 2018 16:04

Instrument :

MSVOA_N

ClientSampled :

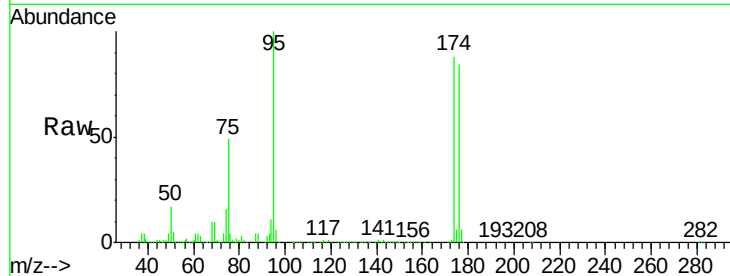
Tot Ion: 95 Resp: 1215909

Ion Ratio Lower Upper

95 100

174 88.5 0.0 165.6

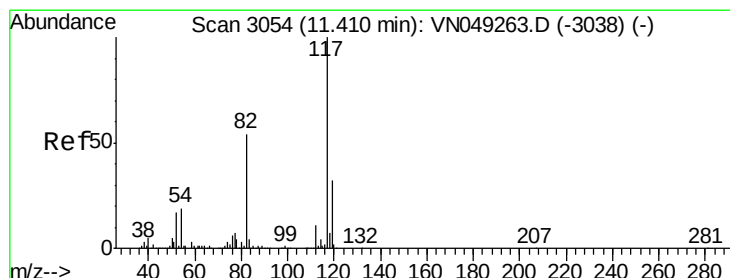
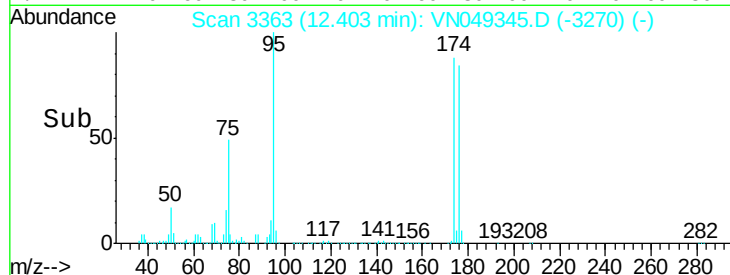
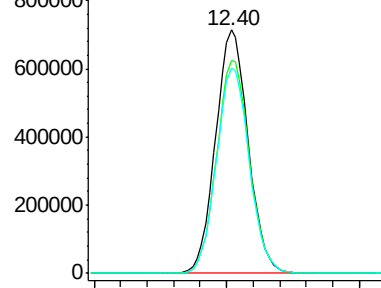
176 85.6 0.0 157.4



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: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049345.D

Acq: 18 Jun 2018 16:04

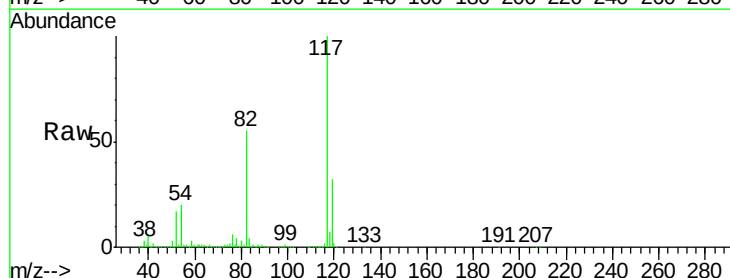
Tgt Ion: 117 Resp: 2354483

Ion Ratio Lower Upper

117 100

82 54.6 45.9 68.9

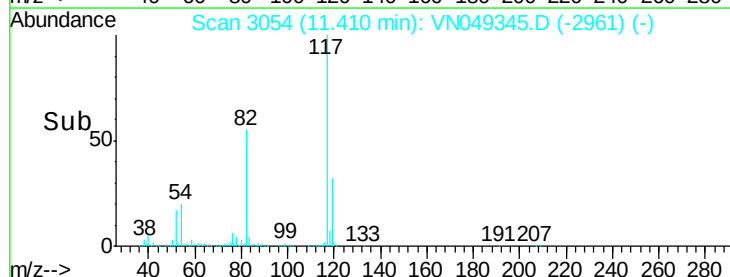
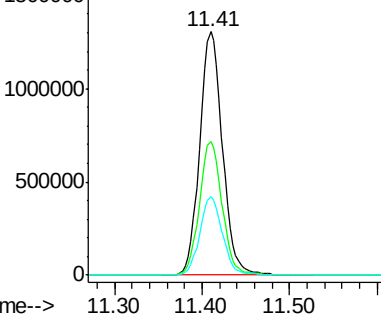
119 32.0 25.5 38.3

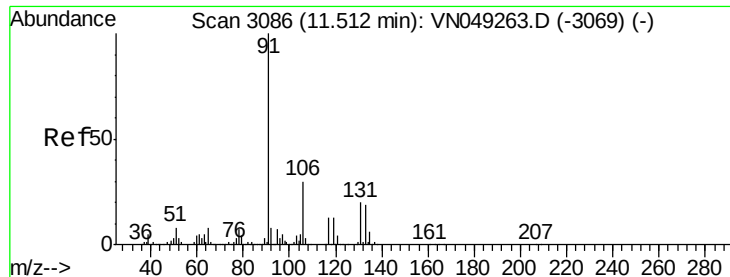


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#67

Ethyl Benzene

Concen: 41.78 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN049345.D

Acq: 18 Jun 2018 16:04

Instrument :

MSVOA_N

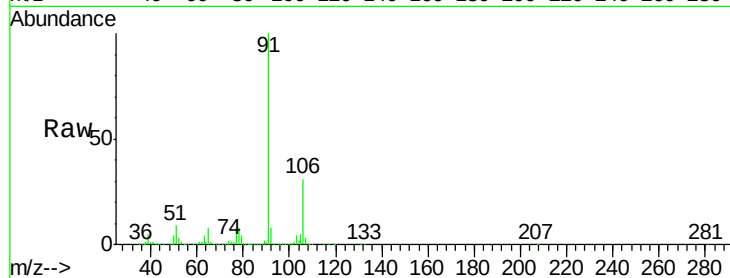
ClientSampled :

Tot Ion: 91 Resp: 4203259

Ion Ratio Lower Upper

91 100

106 30.8 23.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VN049263.D (-3069) (-)

Ion 106.00 (105.70 to 106.70): VN049263.D (-3069) (-)

4000000

3000000

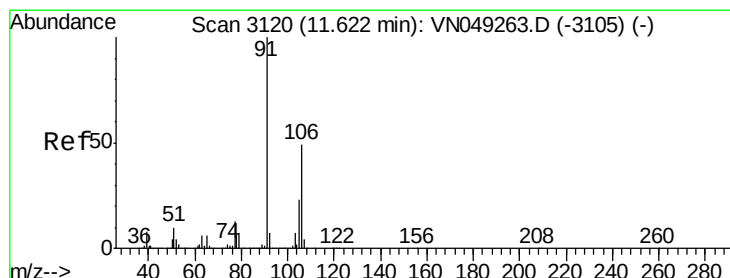
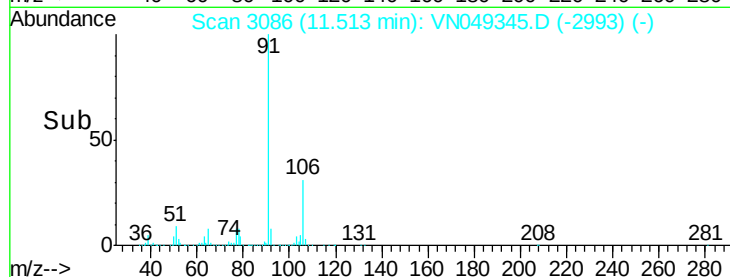
2000000

1000000

0

11.40 11.50 11.60

Time-->



#68

m/p-Xylenes

Concen: 102.19 ug/l

RT: 11.63 min Scan# 3121

Delta R.T. 0.00 min

Lab File: VN049345.D

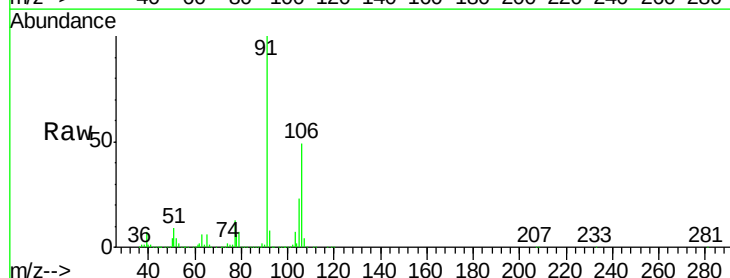
Acq: 18 Jun 2018 16:04

Tgt Ion: 106 Resp: 3858162

Ion Ratio Lower Upper

106 100

91 204.4 167.3 250.9



Abundance Ion 106.00 (105.70 to 106.70): VN049263.D (-3105) (-)

Ion 91.00 (90.70 to 91.70): VN049263.D (-3105) (-)

4000000

3000000

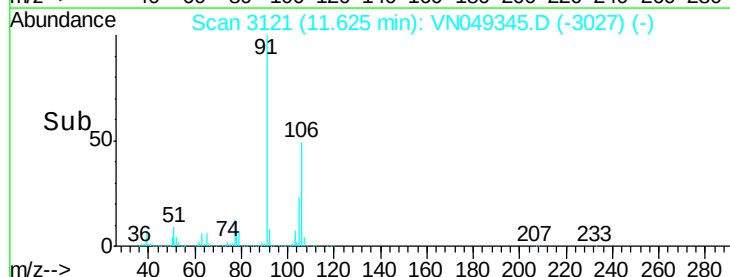
2000000

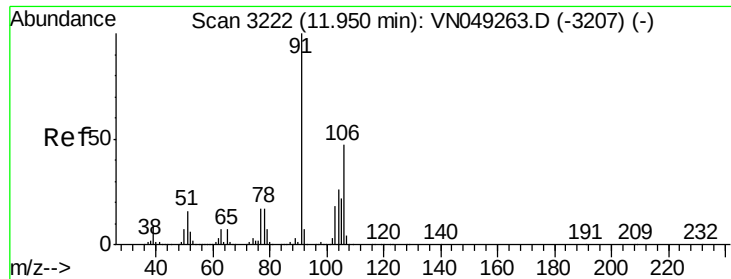
1000000

0

11.60 11.63 11.70

Time-->





#69

o-Xylene

Concen: 28.55 ug/l

RT: 11.95 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN049345.D

Acq: 18 Jun 2018 16:04

Instrument :

MSVOA_N

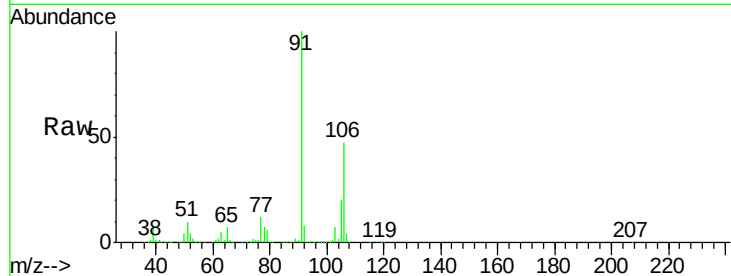
ClientSampleId :

Tot Ion:106 Resp: 1038282

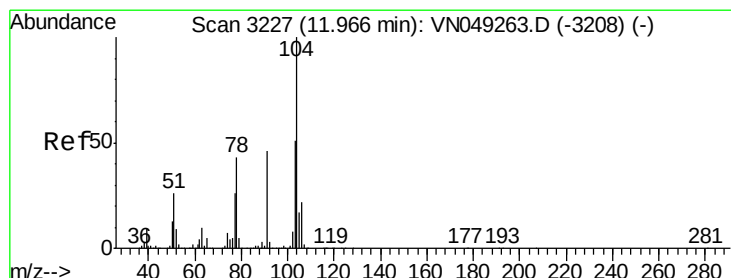
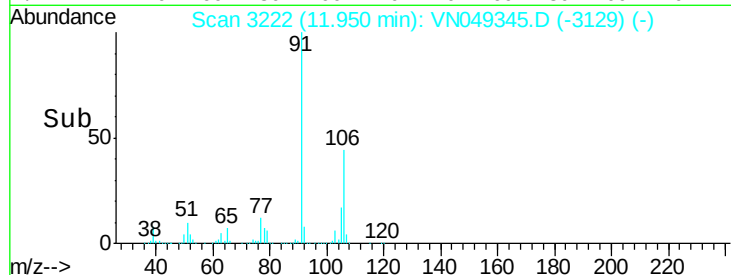
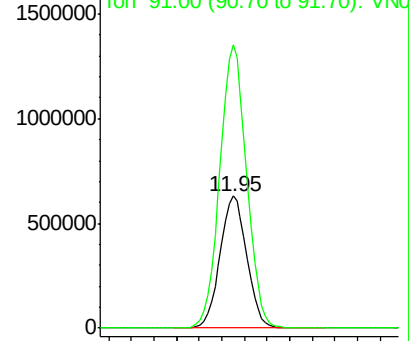
Ion Ratio Lower Upper

106 100

91 214.4 111.0 333.0



Abundance Ion 106.00 (105.70 to 106.70): V



#70

Styrene

Concen: 1.14 ug/l

RT: 11.95 min Scan# 3223

Delta R.T. -0.01 min

Lab File: VN049345.D

Acq: 18 Jun 2018 16:04

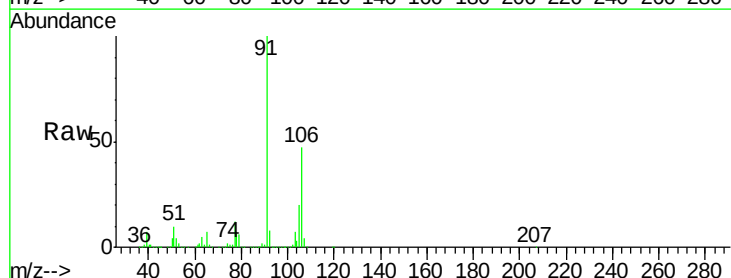
Tgt Ion:104 Resp: 65287

Ion Ratio Lower Upper

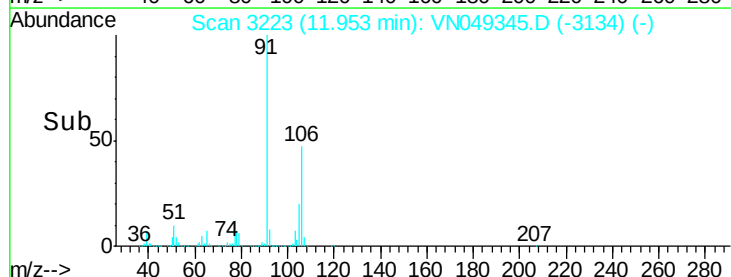
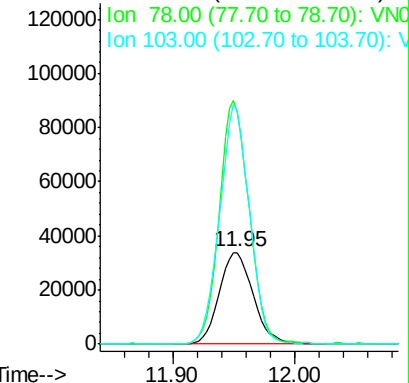
104 100

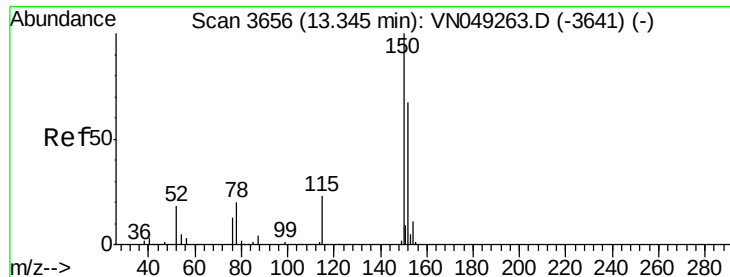
78 234.5 41.6 62.4#

103 229.2 45.4 68.2#



Abundance Ion 104.00 (103.70 to 104.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049345.D

Acq: 18 Jun 2018 16:04

Instrument :

MSVOA_N

ClientSampleId :

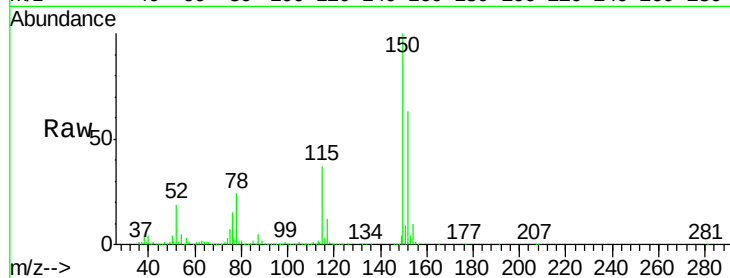
Tot Ion:152 Resp: 1028173

Ion Ratio Lower Upper

152 100

115 64.2 28.7 86.1

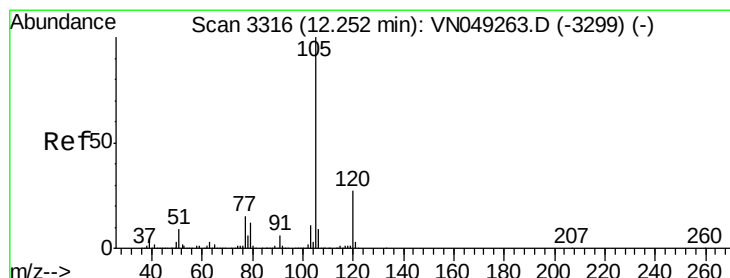
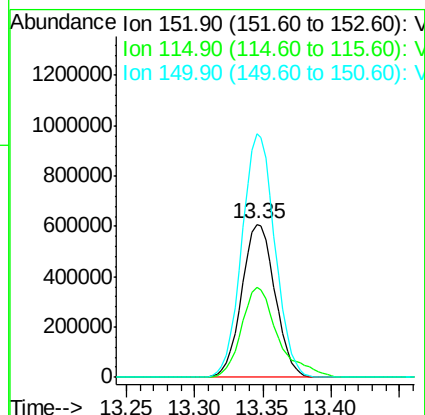
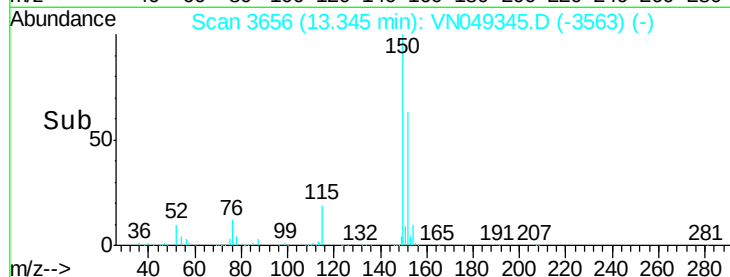
150 157.8 0.0 351.0



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



#73

Isopropylbenzene

Concen: 4.76 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049345.D

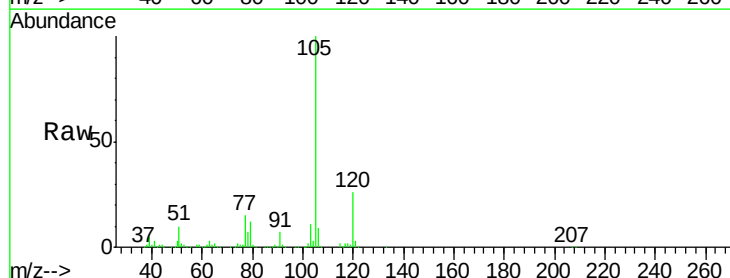
Acq: 18 Jun 2018 16:04

Tgt Ion:105 Resp: 429357

Ion Ratio Lower Upper

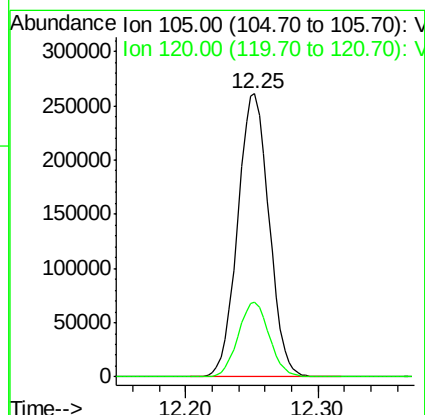
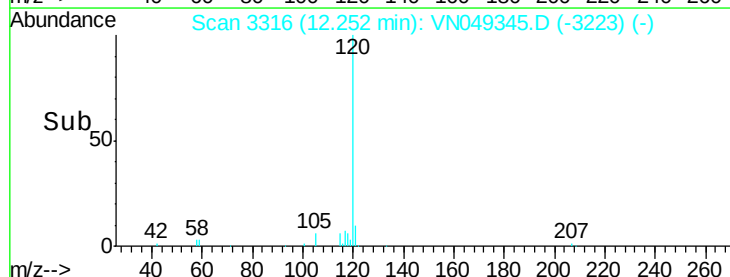
105 100

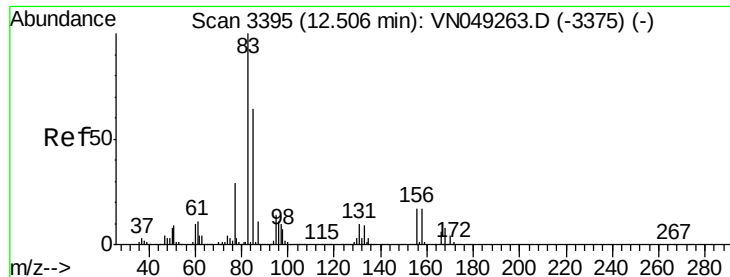
120 26.2 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.51 min Scan# 3396

Delta R.T. 0.00 min

Lab File: VN049345.D

Acq: 18 Jun 2018 16:04

Instrument :

MSVOA_N

ClientSampled :

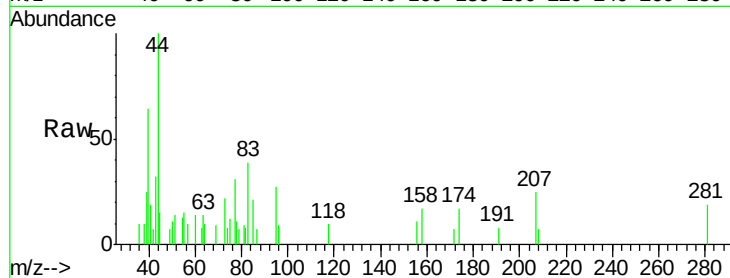
Tot Ion: 83 Resp: 2268

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

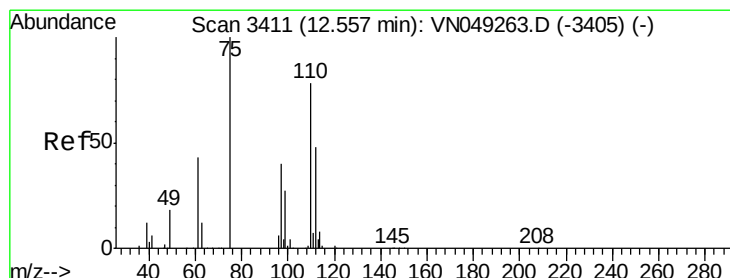
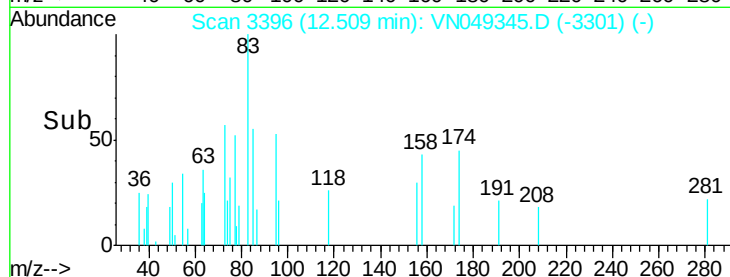
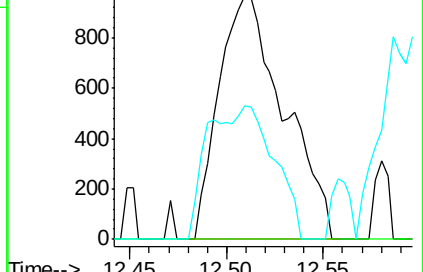
85 16.1 32.0 96.0#



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 1.67 ug/l

RT: 12.66 min Scan# 3442

Delta R.T. 0.10 min

Lab File: VN049345.D

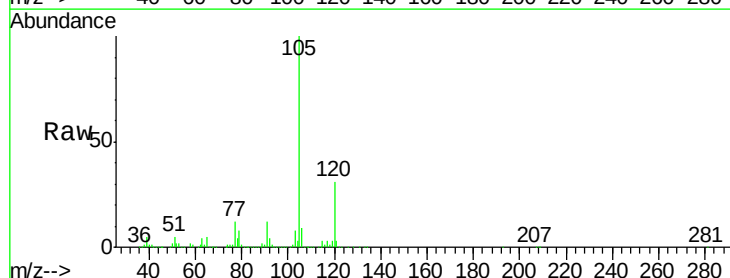
Acq: 18 Jun 2018 16:04

Tgt Ion: 75 Resp: 29282

Ion Ratio Lower Upper

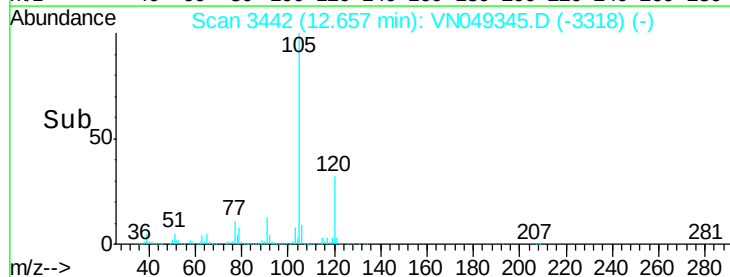
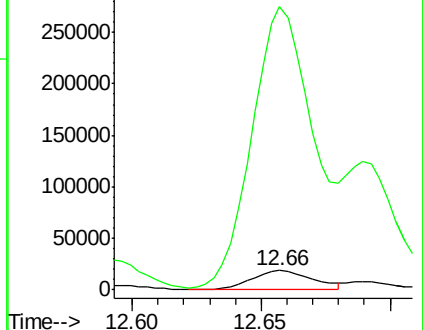
75 100

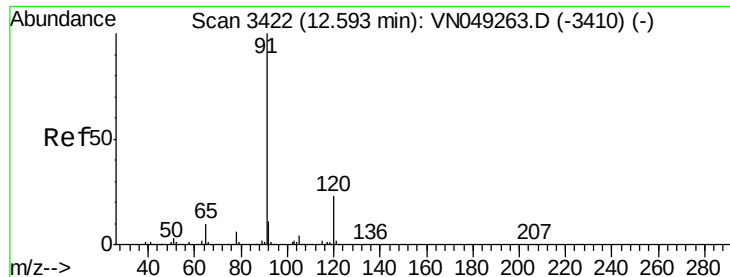
77 1549.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#78

n-propylbenzene

Concen: 12.06 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049345.D

Acq: 18 Jun 2018 16:04

Instrument :

MSVOA_N

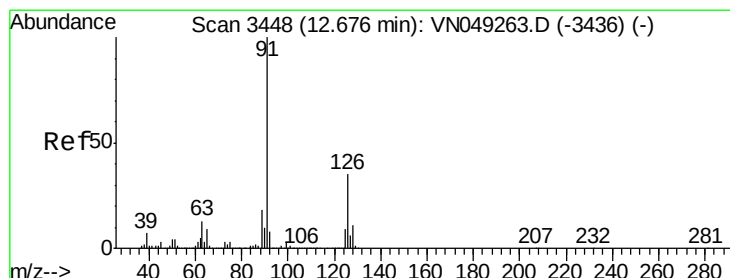
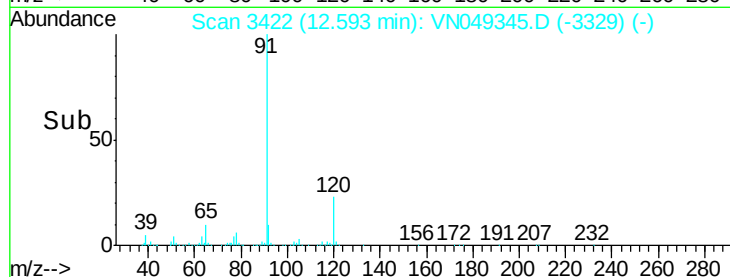
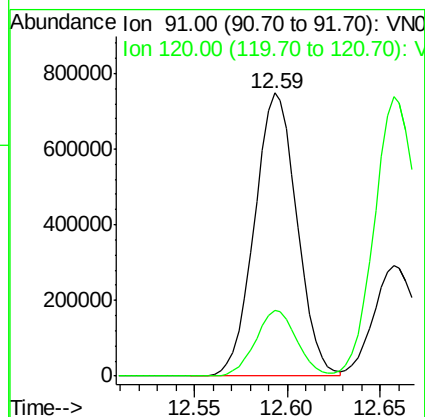
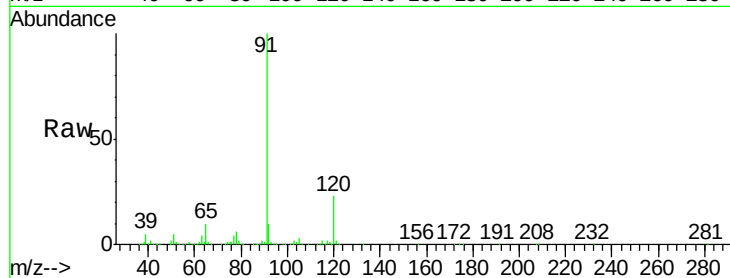
ClientSampled :

Tot Ion: 91 Resp: 1195255

Ion Ratio Lower Upper

91 100

120 22.6 11.2 33.5



#79

2-Chlorotoluene

Concen: 7.19 ug/l

RT: 12.66 min Scan# 3442

Delta R.T. -0.02 min

Lab File: VN049345.D

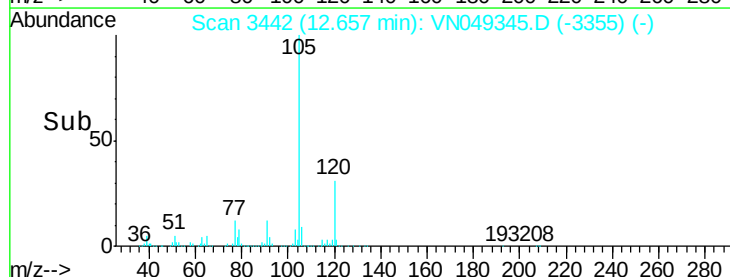
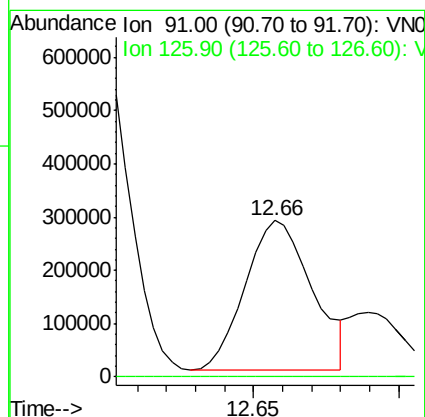
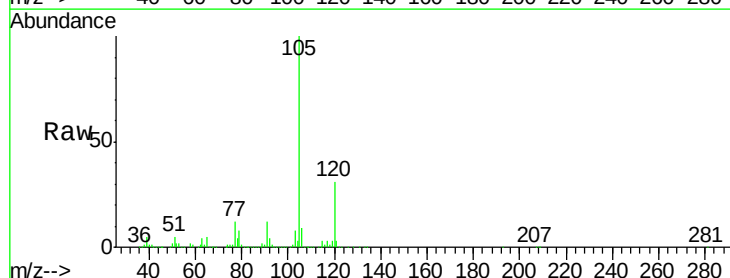
Acq: 18 Jun 2018 16:04

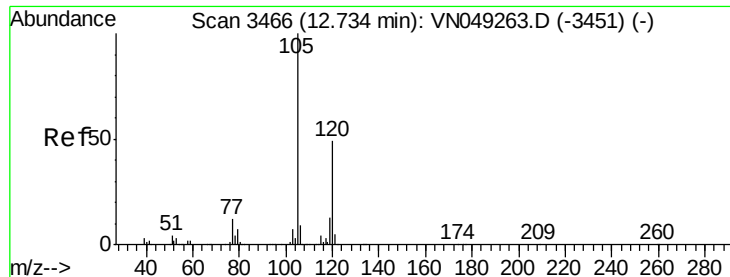
Tgt Ion: 91 Resp: 451797

Ion Ratio Lower Upper

91 100

126 0.0 16.6 49.8#





#80

1,3,5-Trimethylbenzene

Concen: 25.57 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049345.D

Acq: 18 Jun 2018 16:04

Instrument :

MSVOA_N

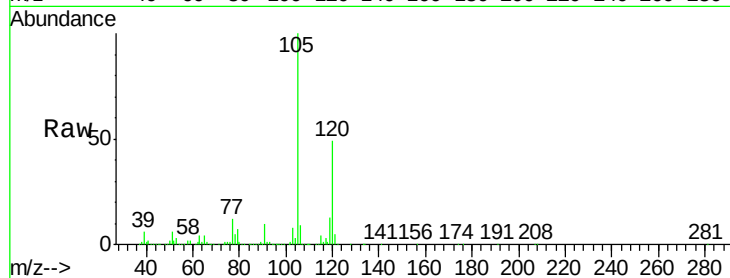
ClientSampled :

Tot Ion:105 Resp: 1814193

Ion Ratio Lower Upper

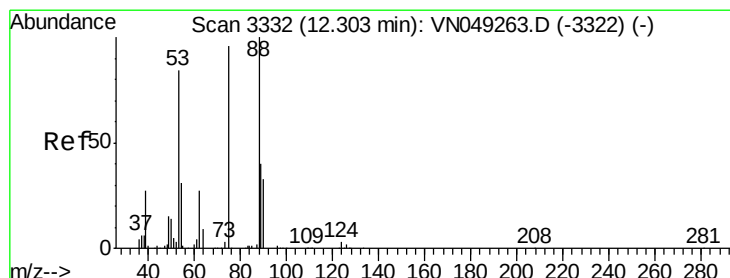
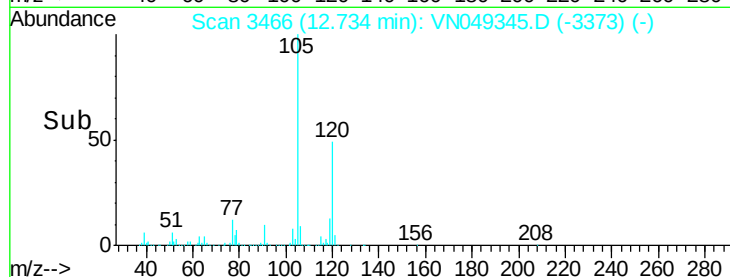
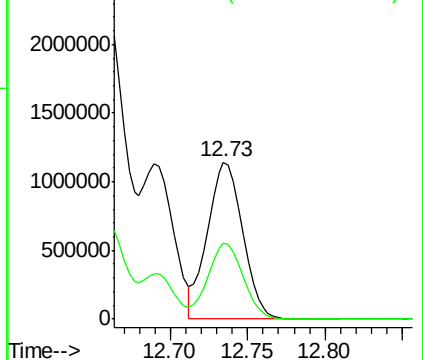
105 100

120 48.3 23.5 70.5



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: 106.23 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049345.D

Acq: 18 Jun 2018 16:04

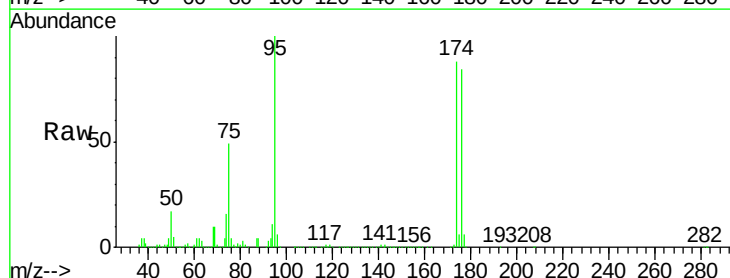
Tgt Ion: 75 Resp: 589673

Ion Ratio Lower Upper

75 100

53 0.1 82.7 124.1#

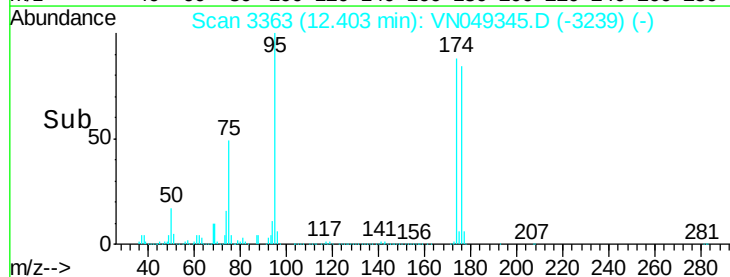
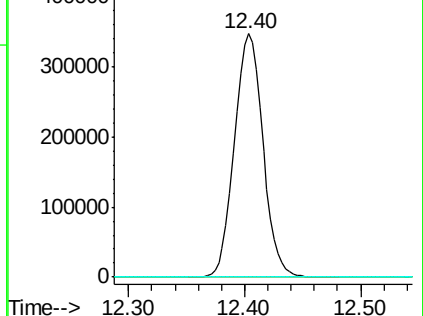
89 0.0 36.5 54.7#

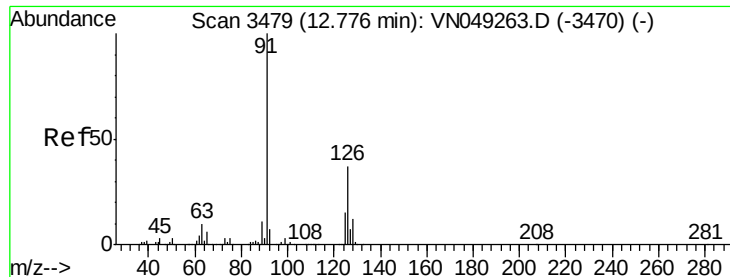


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

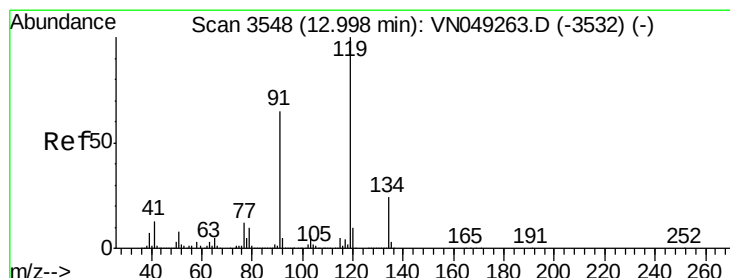
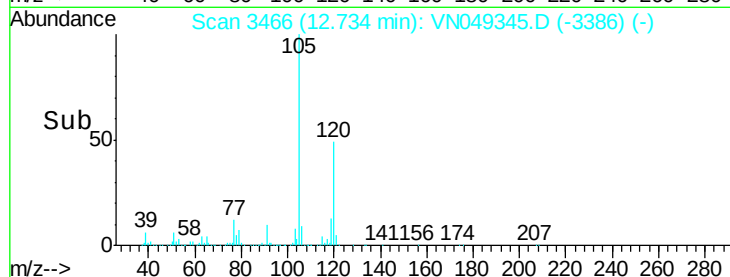
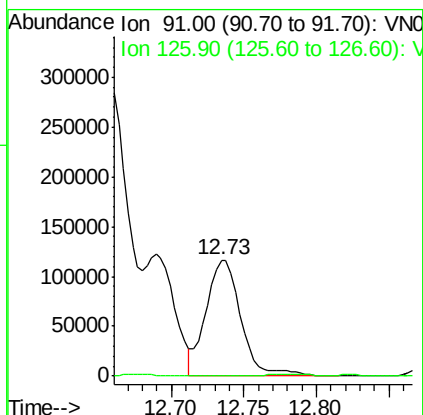
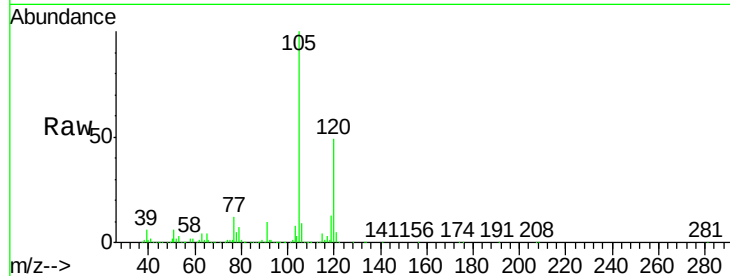




#82
4-Chlorotoluene
Concen: 3.18 ug/l
RT: 12.73 min Scan# 3466
Delta R.T. -0.04 min
Lab File: VN049345.D
Acq: 18 Jun 2018 16:04

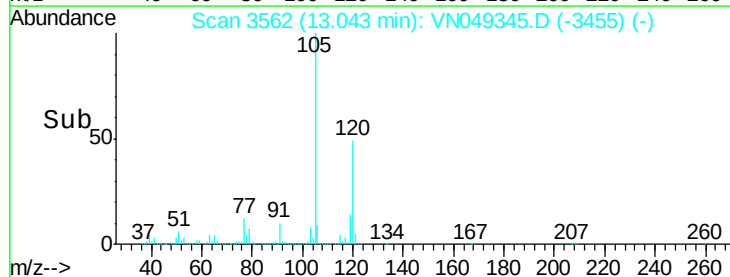
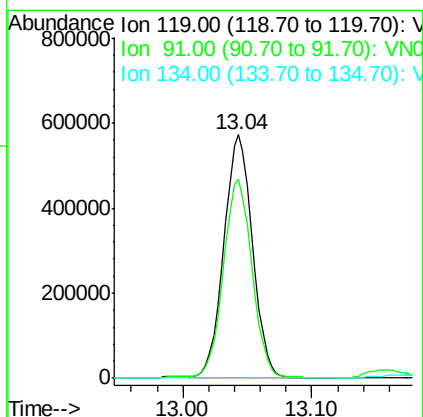
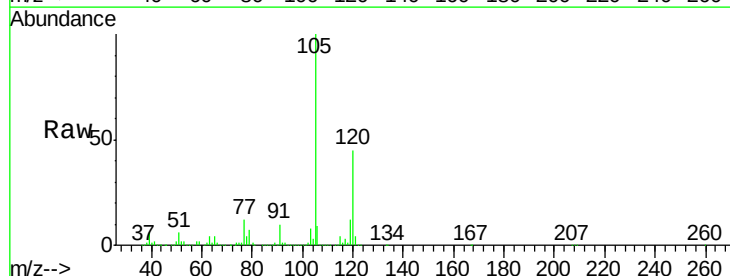
Instrument :
MSVOA_N
ClientSampleId :

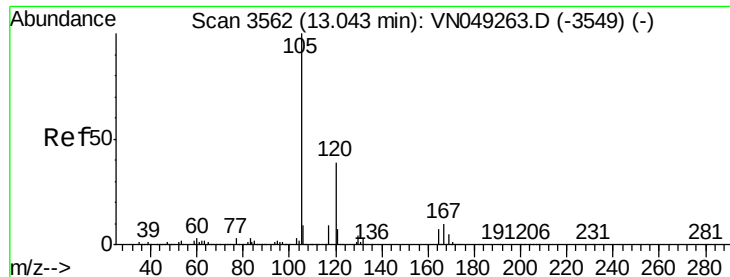
Tot Ion: 91 Resp: 192530
Ion Ratio Lower Upper
91 100
126 0.0 16.4 49.1#



#83
tert-Butylbenzene
Concen: 13.96 ug/l
RT: 13.04 min Scan# 3562
Delta R.T. 0.05 min
Lab File: VN049345.D
Acq: 18 Jun 2018 16:04

Tgt Ion: 119 Resp: 877545
Ion Ratio Lower Upper
119 100
91 82.3 33.7 101.0
134 0.0 12.9 38.6#





#84

1,2,4-Trimethylbenzene

Concen: 102.06 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049345.D

Acq: 18 Jun 2018 16:04

Instrument :

MSVOA_N

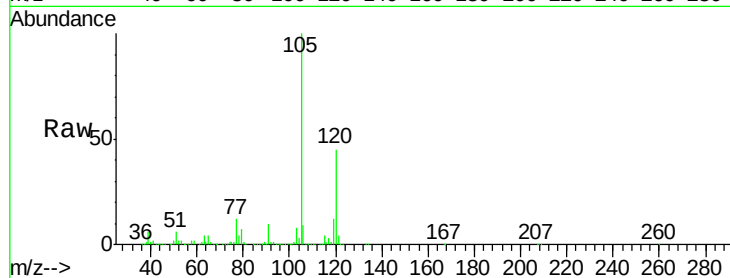
ClientSampleId :

Tot Ion:105 Resp: 7194417

Ion Ratio Lower Upper

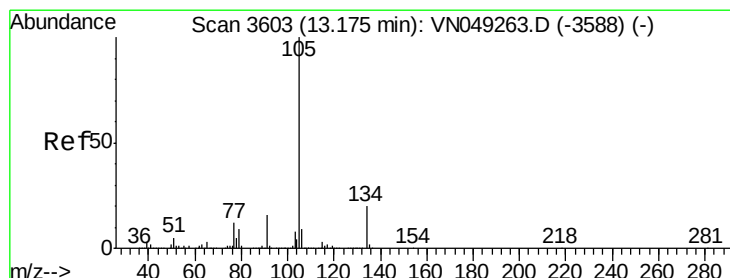
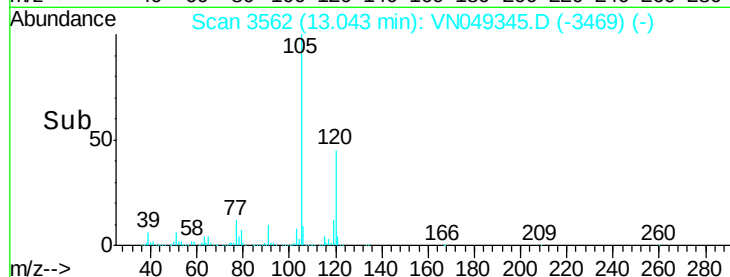
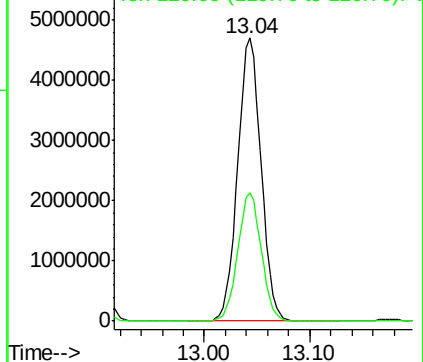
105 100

120 45.4 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: 85.99 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. -0.13 min

Lab File: VN049345.D

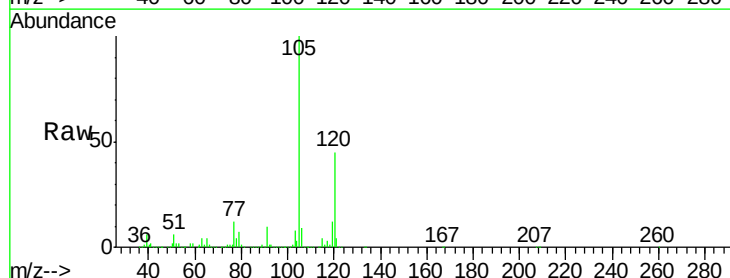
Acq: 18 Jun 2018 16:04

Tgt Ion:105 Resp: 7194417

Ion Ratio Lower Upper

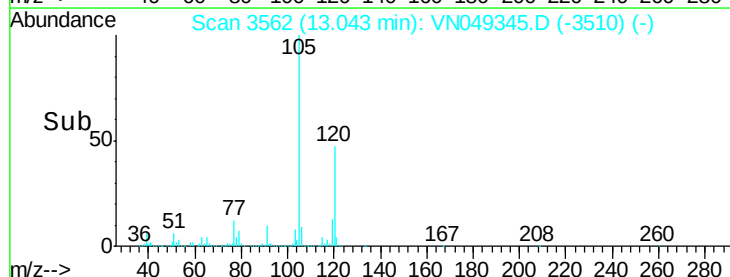
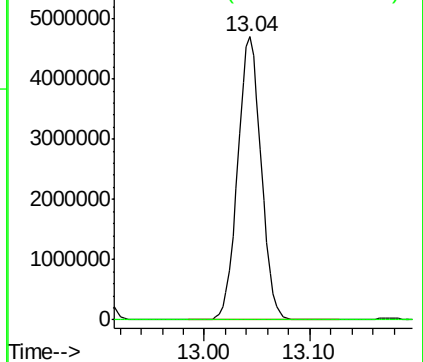
105 100

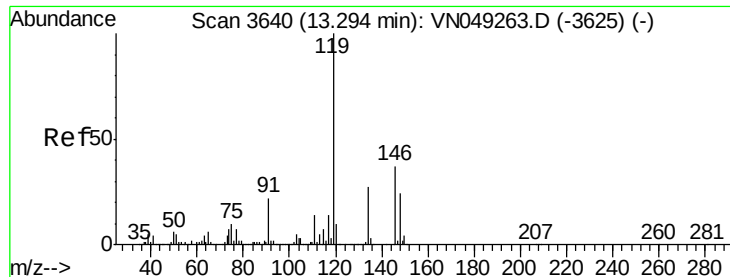
134 0.0 9.8 29.3#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

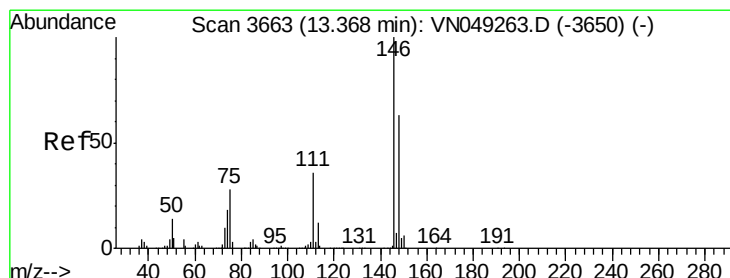
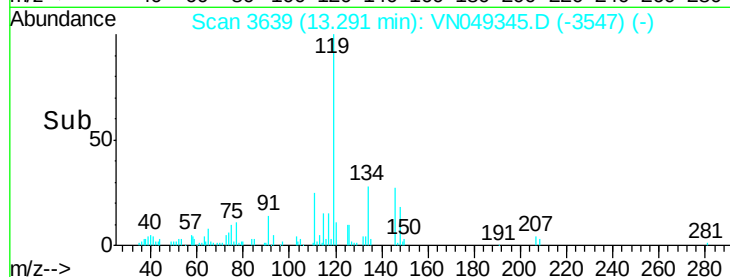
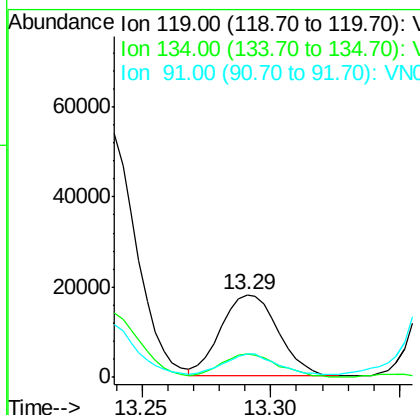
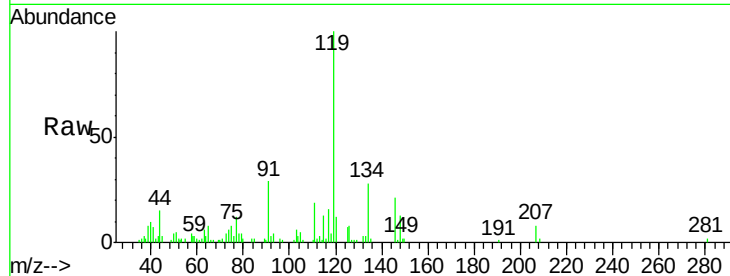




#86
 p-Isopropyltoluene
 Concen: 0.40 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. -0.00 min
 Lab File: VN049345.D
 Acq: 18 Jun 2018 16:04

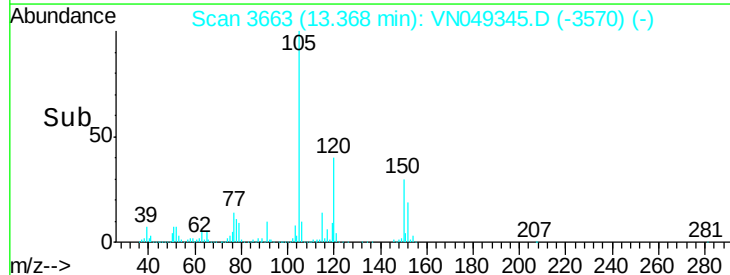
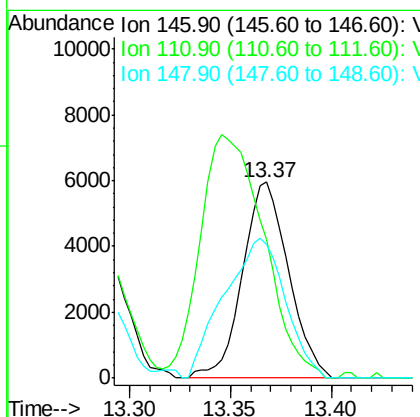
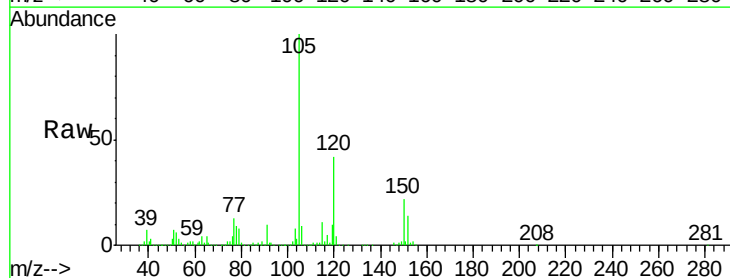
Instrument :
 MSVOA_N
 ClientSampleId :

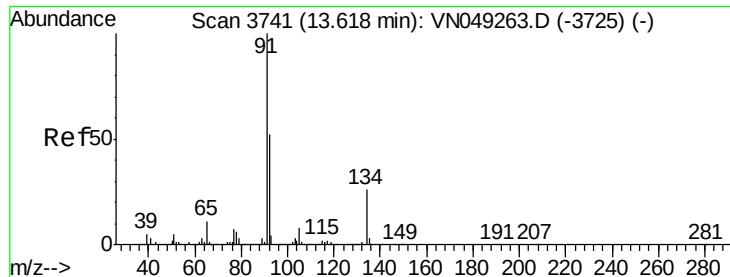
Tot Ion	119	Resp	27938
Ion Ratio	Lower	Upper	
119	100		
134	28.9	12.9	38.6
91	0.0	12.1	36.3#



#88
 1,4-Dichlorobenzene
 Concen: 0.24 ug/l
 RT: 13.37 min Scan# 3663
 Delta R.T. 0.00 min
 Lab File: VN049345.D
 Acq: 18 Jun 2018 16:04

Tgt Ion	146	Resp	9509
Ion Ratio	Lower	Upper	
146	100		
111	0.0	19.1	57.1#
148	93.9	32.0	96.2

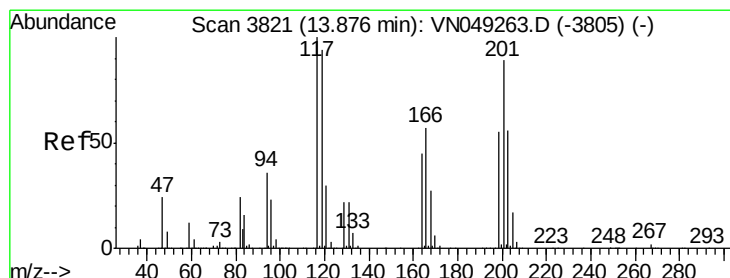
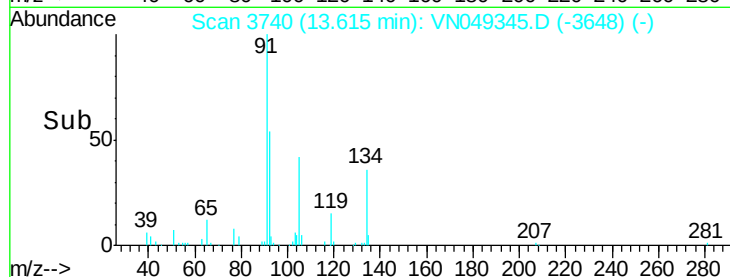
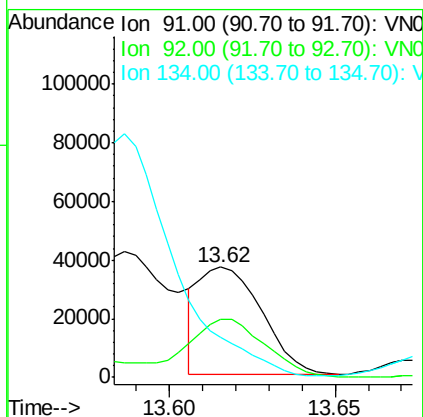
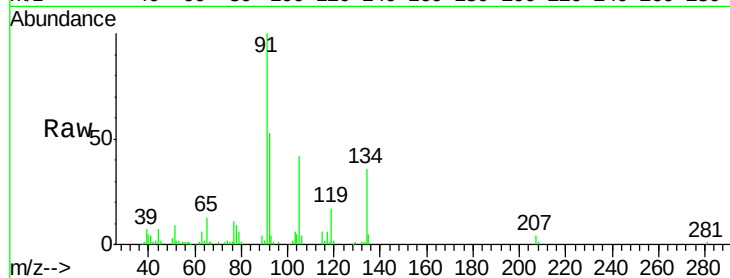




#89
n-Butylbenzene
Concen: 0.88 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. -0.00 min
Lab File: VN049345.D
Acq: 18 Jun 2018 16:04

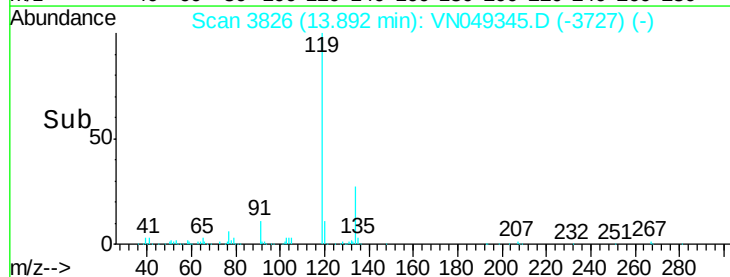
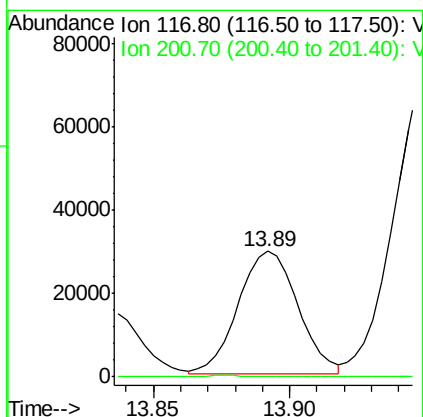
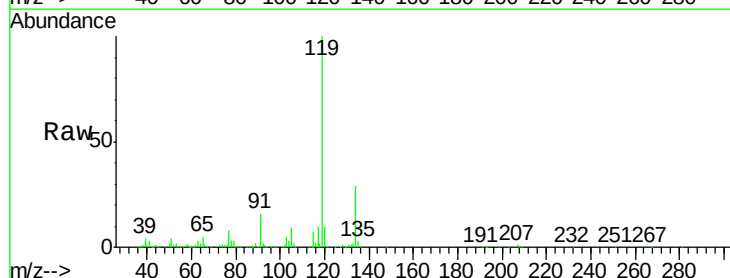
Instrument :
MSVOA_N
ClientSampleId :

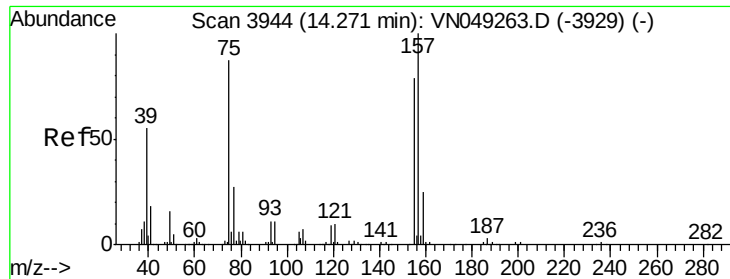
Tot Ion: 91 Resp: 47996
Ion Ratio Lower Upper
91 100
92 65.6 25.1 75.4
134 0.0 12.0 36.0#



#90
Hexachloroethane
Concen: 1.78 ug/l
RT: 13.89 min Scan# 3826
Delta R.T. 0.02 min
Lab File: VN049345.D
Acq: 18 Jun 2018 16:04

Tgt Ion: 117 Resp: 45174
Ion Ratio Lower Upper
117 100
201 0.9 40.1 120.2#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.01 ug/l

RT: 14.26 min Scan# 3940

Delta R.T. -0.01 min

Lab File: VN049345.D

Acq: 18 Jun 2018 16:04

Instrument :

MSVOA_N

ClientSampleId :

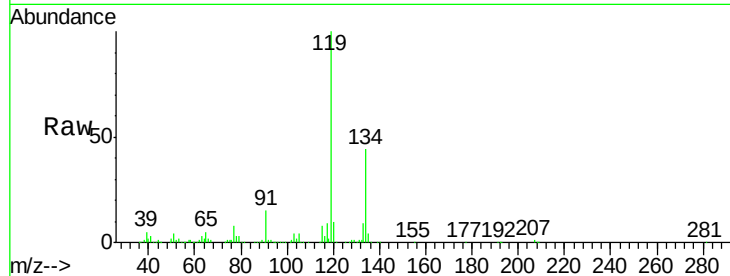
Tot Ion: 75 Resp: 3182

Ion Ratio Lower Upper

75 100

155 22.9 38.8 116.3#

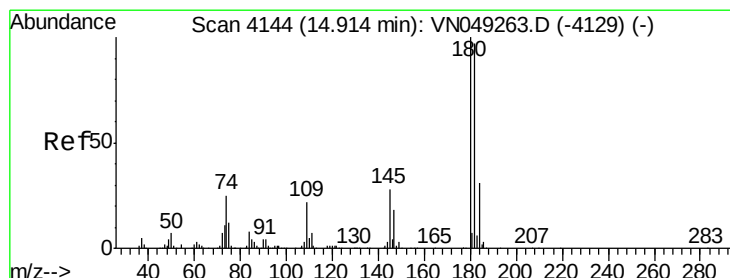
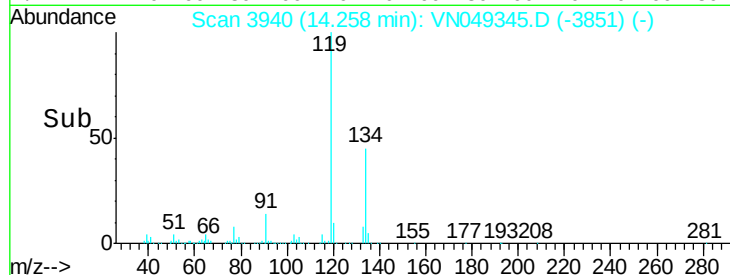
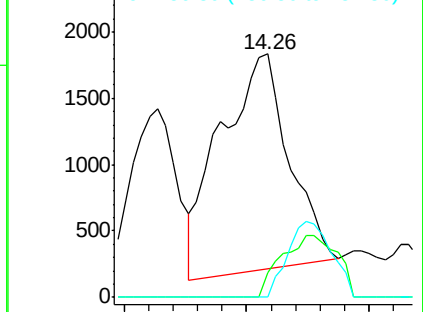
157 22.2 51.0 153.1#



Abundance Ion 74.90 (74.60 to 75.60): VN049263.D (-3929) (-)

Ion 154.80 (154.50 to 155.50): VN049263.D (-3929) (-)

Ion 156.80 (156.50 to 157.50): VN049263.D (-3929) (-)



#93

1,2,4-Trichlorobenzene

Concen: 5.58 ug/l

RT: 14.91 min Scan# 4144

Delta R.T. 0.00 min

Lab File: VN049345.D

Acq: 18 Jun 2018 16:04

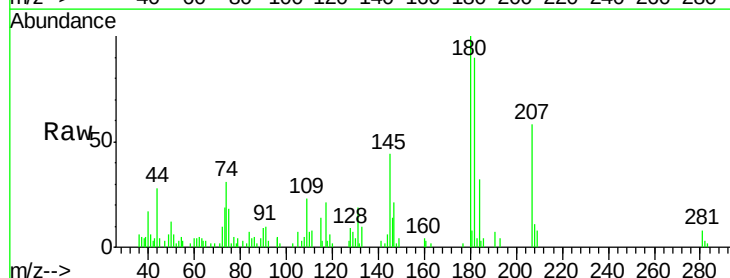
Tgt Ion: 180 Resp: 16320

Ion Ratio Lower Upper

180 100

182 89.4 46.9 140.8

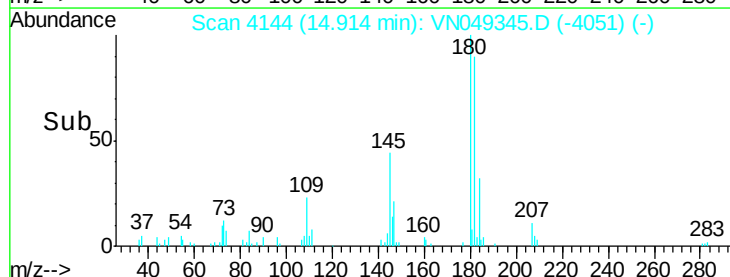
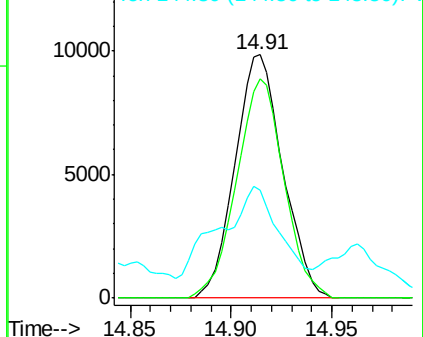
145 47.9 14.7 44.1#

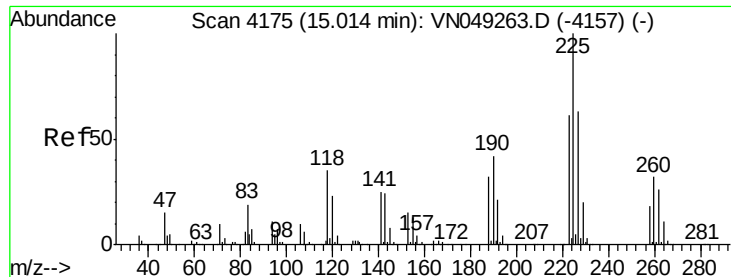


Abundance Ion 179.80 (179.50 to 180.50): VN049263.D (-4129) (-)

Ion 181.80 (181.50 to 182.50): VN049263.D (-4129) (-)

Ion 144.80 (144.50 to 145.50): VN049263.D (-4129) (-)





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4175

Delta R.T. 0.00 min

Lab File: VN049345.D

Acq: 18 Jun 2018 16:04

Instrument :

MSVOA_N

ClientSampleId :

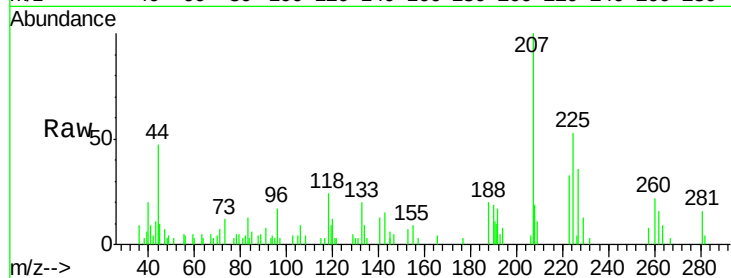
Tot Ion:225 Resp: 5140

Ion Ratio Lower Upper

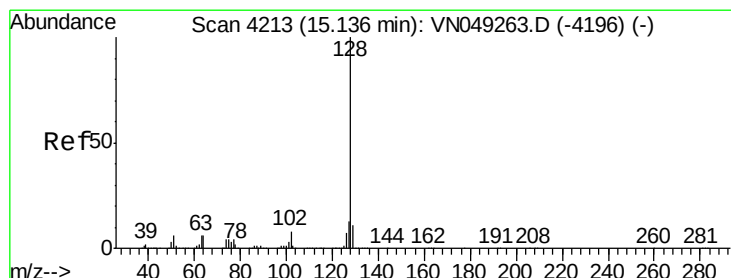
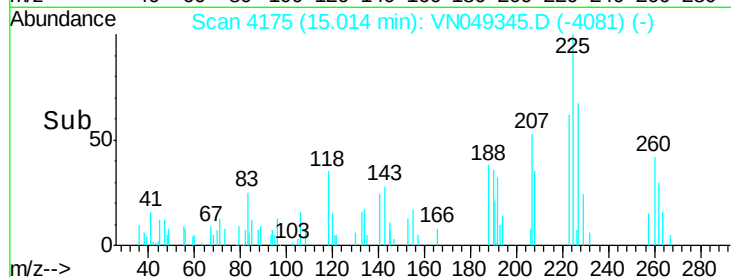
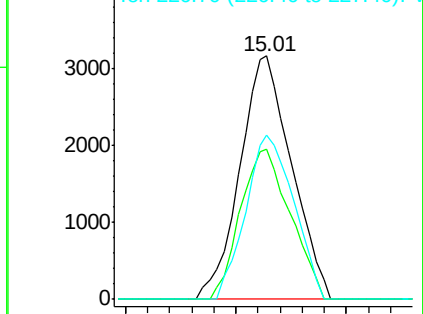
225 100

223 59.4 32.1 96.3

227 62.5 31.8 95.3



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 28.02 ug/l

RT: 15.14 min Scan# 4214

Delta R.T. 0.00 min

Lab File: VN049345.D

Acq: 18 Jun 2018 16:04

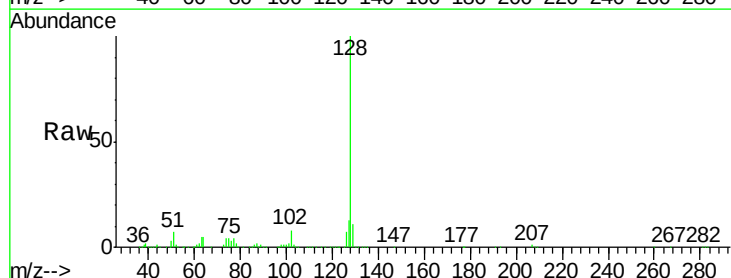
Tgt Ion:128 Resp: 796955

Ion Ratio Lower Upper

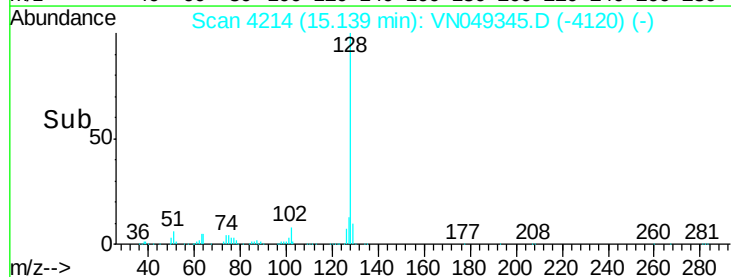
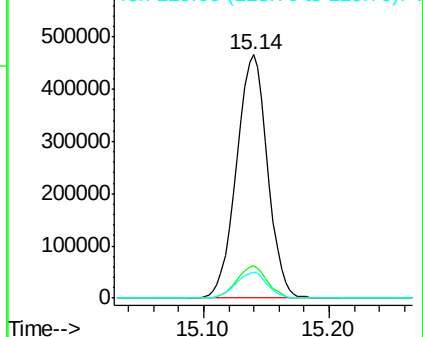
128 100

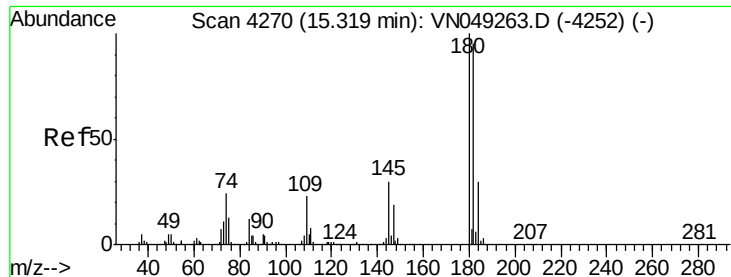
127 12.9 10.6 16.0

129 10.5 8.5 12.7



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

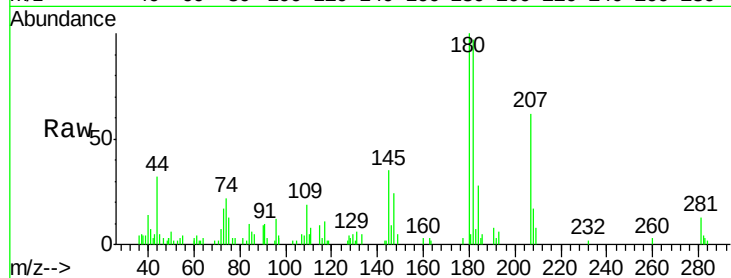




#96
 1,2,3-Trichlorobenzene
 Concen: 4.36 ug/l
 RT: 15.32 min Scan# 4270
 Delta R.T. 0.00 min
 Lab File: VN049345.D
 Acq: 18 Jun 2018 16:04

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 16744
 Ion Ratio Lower Upper
 180 100
 182 96.4 47.3 141.8
 145 55.0 15.6 46.7#



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

