

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
 Data File : VN049300.D
 Acq On : 16 Jun 2018 9:52
 Operator : MD\SY
 Sample : J3464-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 18 01:15:04 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	923845	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1808683	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1884048	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	588809	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	587507	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	
35) Dibromofluoromethane	7.59	113	552976	37.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.58%	
50) Toluene-d8	10.09	98	2198308	39.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.90%	
62) 4-Bromofluorobenzene	12.40	95	733547	39.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.64%	

Target Compounds

						Qvalue
3) Chloromethane	2.06	50	3425	0.25	ug/l	89
5) Bromomethane	2.58	94	2243	0.29	ug/l	92
8) Diethyl Ether	3.40	74	3683	0.58	ug/l	62
11) Tert butyl alcohol	4.76	59	661	0.92	ug/l #	70
13) Acrolein	3.62	56	192	0.25	ug/l #	36
16) Acetone	3.82	43	38664	13.00	ug/l	90
18) Methyl Acetate	4.33	43	121865	13.43	ug/l	96
20) Methylene Chloride	4.55	84	198441	15.97	ug/l	92
25) 2-Butanone	6.84	43	5088	1.27	ug/l	94
29) Tetrahydrofuran	7.22	42	1689	0.66	ug/l #	70
30) Chloroform	7.37	83	16108	0.76	ug/l	94
31) Cyclohexane	7.66	56	18581	0.85	ug/l #	1
32) 1,1,1-Trichloroethane	7.57	97	4051	0.22	ug/l #	53
36) 1,1-Dichloropropene	7.67	75	65744	3.17	ug/l #	51
38) Carbon Tetrachloride	7.66	117	84532	3.94	ug/l #	18
43) Isopropyl Acetate	8.22	43	542909	25.21	ug/l #	64
44) Trichloroethene	8.84	130	38359	2.29	ug/l	94
47) Bromodichloromethane	9.40	83	6353	0.30	ug/l	95
49) 1,4-Dioxane	9.21	88	171	1.22	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	4107	0.36	ug/l	93
58) 2-Chloroethyl Vinyl ether	9.61	63	34	14.33	ug/l #	51
65) Chlorobenzene	11.44	112	17482	0.36	ug/l	93
67) Ethyl Benzene	11.51	91	22678	0.28	ug/l	99
68) m/p-Xylenes	11.62	106	39085	1.29	ug/l	98
69) o-Xylene	11.95	106	17915	0.62	ug/l	93
71) Bromoform	12.40	173	6198	0.52	ug/l #	1
74) N-amyl acetate	12.04	43	2783	0.22	ug/l #	52
75) 1,1,2,2-Tetrachloroethane	12.46	83	30	Below	Cal #	26
76) 1,2,3-Trichloropropane	12.40	75	349930	34.83	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	349930	110.08	ug/l #	8
84) 1,2,4-Trimethylbenzene	13.04	105	13573	0.34	ug/l	99
90) Hexachloroethane	13.89	117	563	Below	Cal #	9
93) 1,2,4-Trichlorobenzene	14.91	180	478	4.79	ug/l #	41
95) Naphthalene	15.14	128	909003	50.64	ug/l	99

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Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration

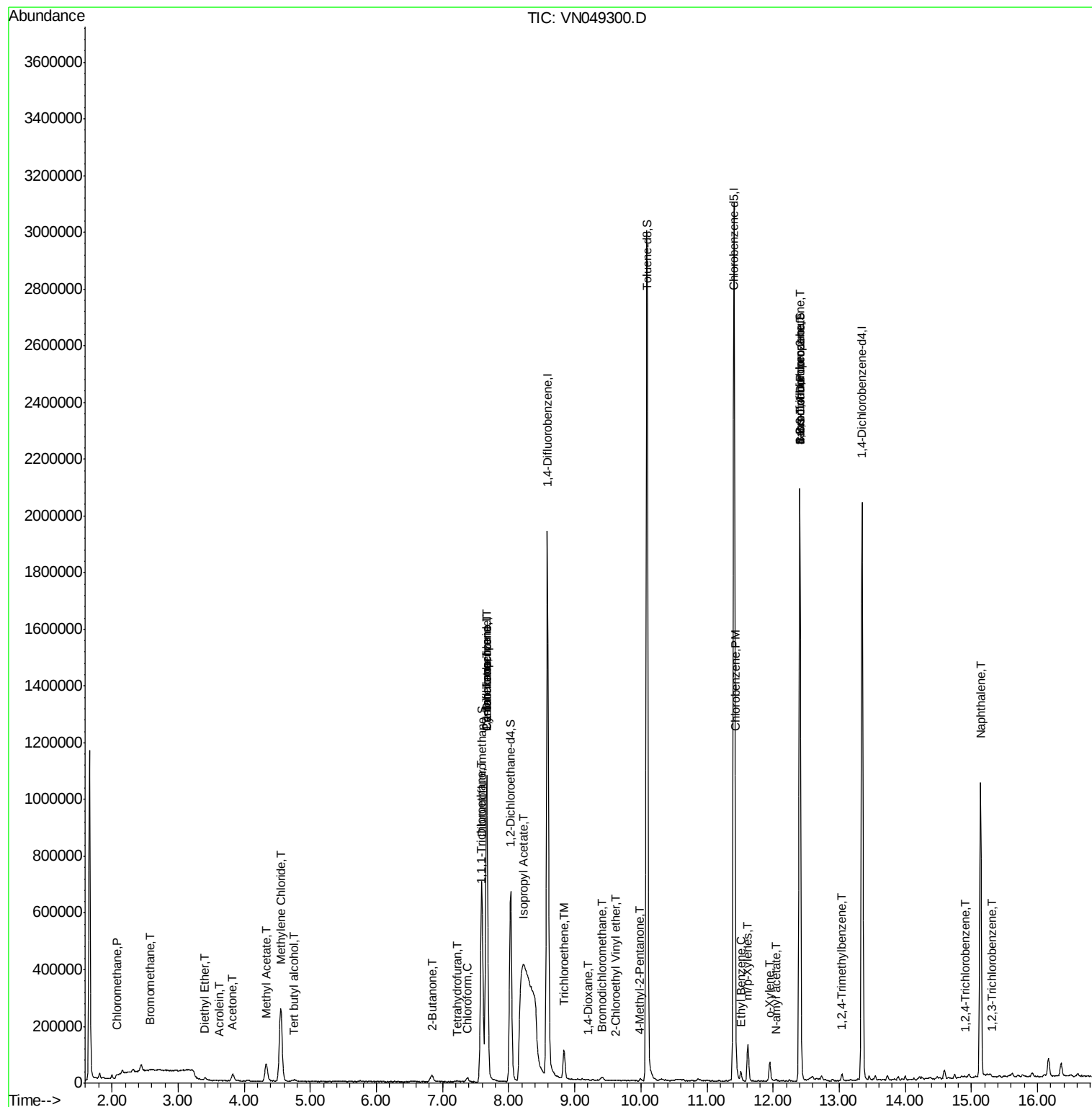
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.32	180	364	3.49	ug/l #	1

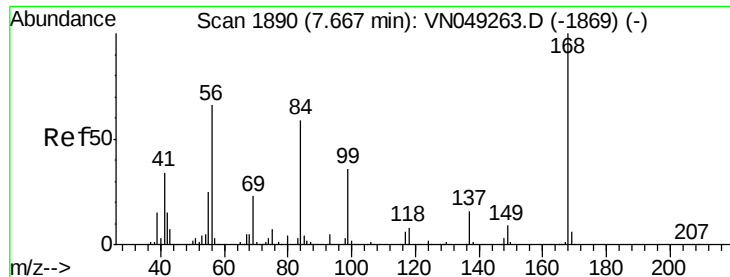
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049300.D

Acq: 16 Jun 2018 9:52

Instrument :

MSVOA_N

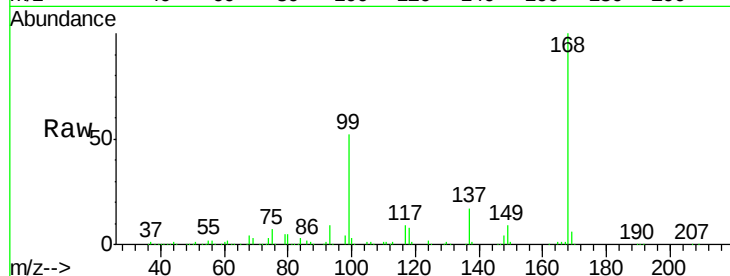
ClientSampleId :

Tot Ion:168 Resp: 923845

Ion Ratio Lower Upper

168 100

99 51.8 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

400000

300000

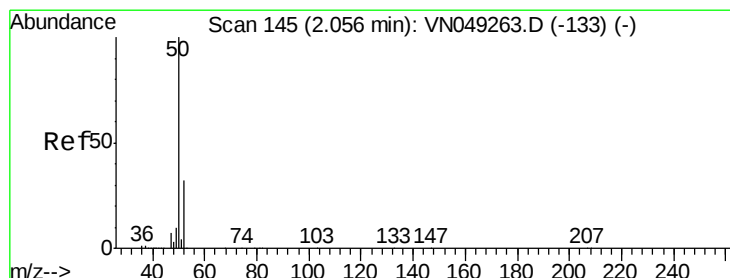
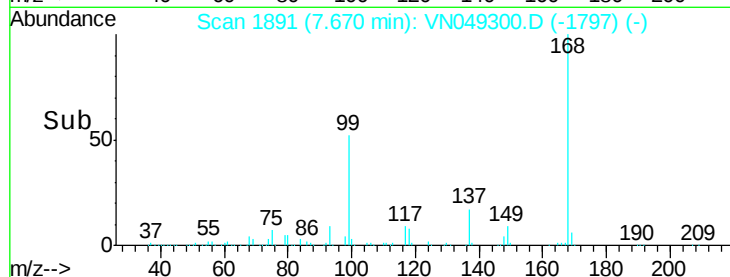
200000

100000

0

7.60 7.70 7.80

Time-->



#3

Chloromethane

Concen: 0.25 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN049300.D

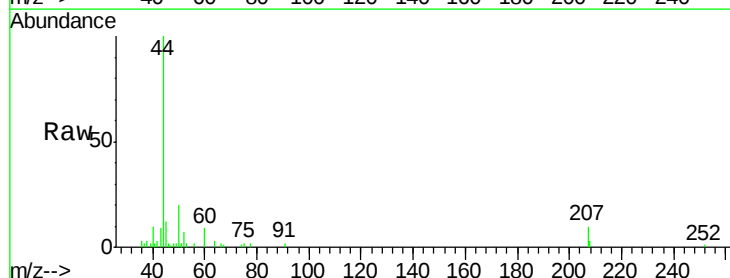
Acq: 16 Jun 2018 9:52

Tgt Ion: 50 Resp: 3425

Ion Ratio Lower Upper

50 100

52 37.4 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.06

2500

2000

1500

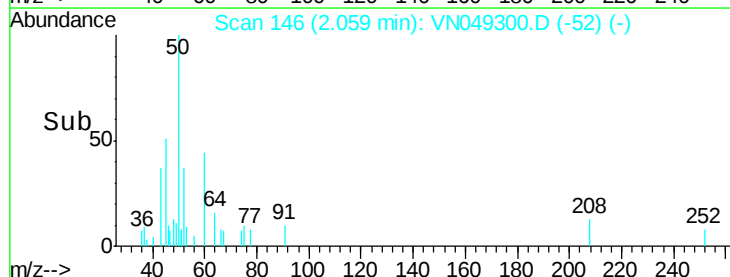
1000

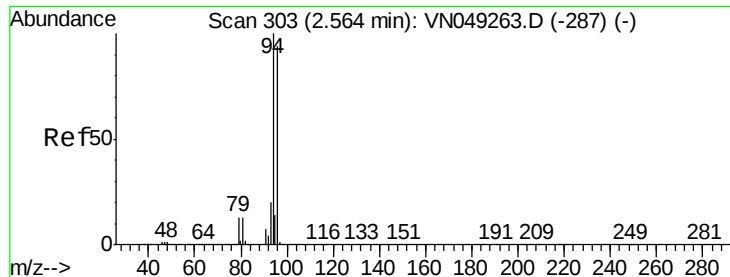
500

0

2.05 2.10

Time-->





#5

Bromomethane

Concen: 0.29 ug/l

RT: 2.58 min Scan# 307

Delta R.T. 0.01 min

Lab File: VN049300.D

Acq: 16 Jun 2018 9:52

Instrument :

MSVOA_N

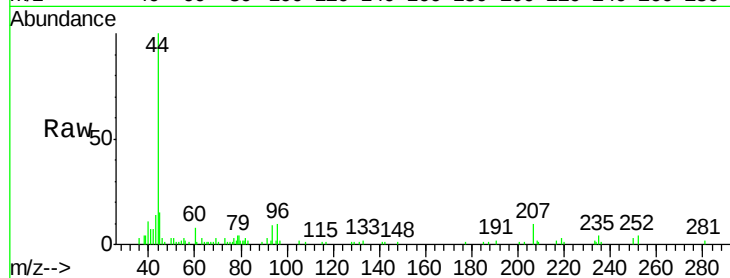
ClientSampled :

Tot Ion: 94 Resp: 2243

Ion Ratio Lower Upper

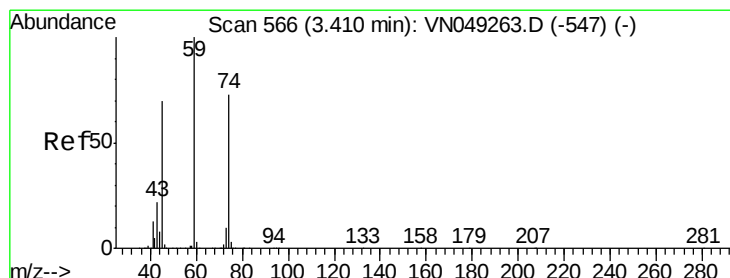
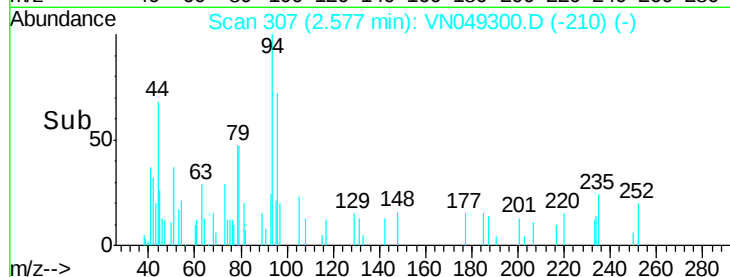
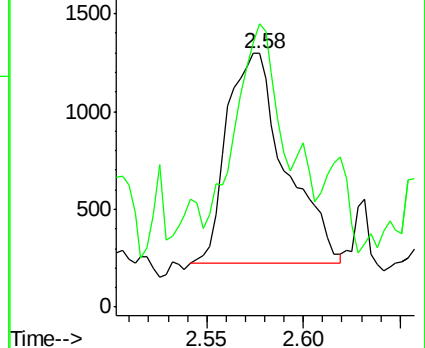
94 100

96 83.7 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#8

Diethyl Ether

Concen: 0.58 ug/l

RT: 3.40 min Scan# 564

Delta R.T. -0.01 min

Lab File: VN049300.D

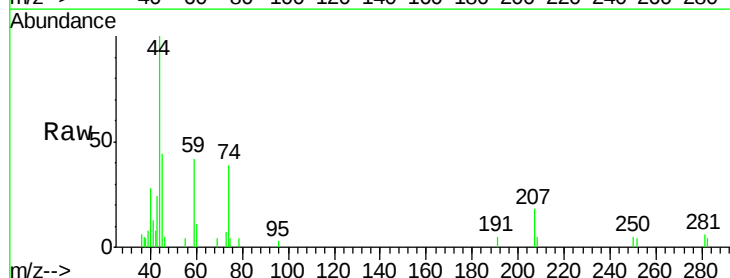
Acq: 16 Jun 2018 9:52

Tgt Ion: 74 Resp: 3683

Ion Ratio Lower Upper

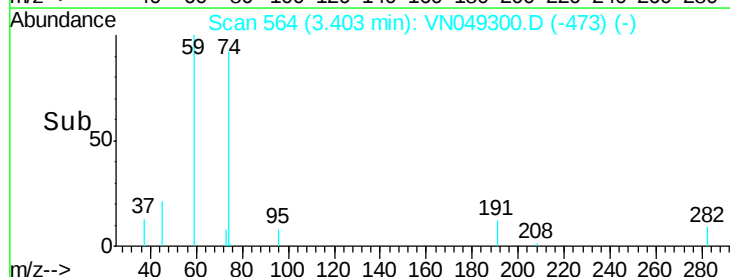
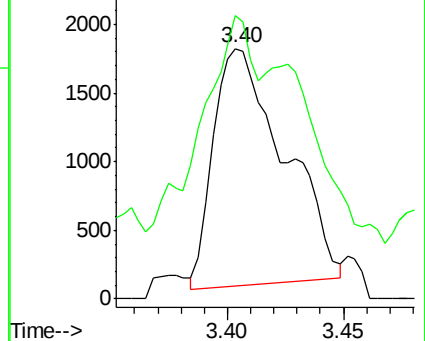
74 100

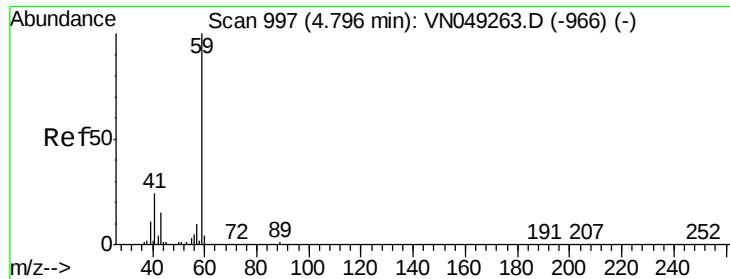
45 65.5 51.9 155.8



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0

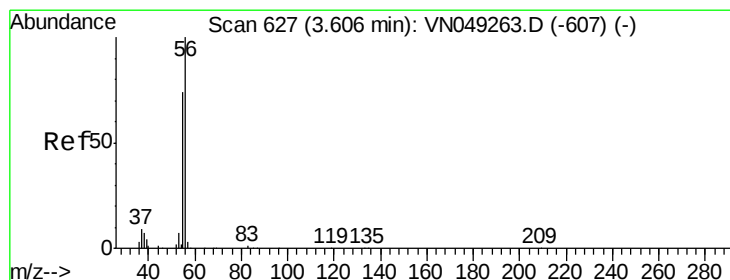
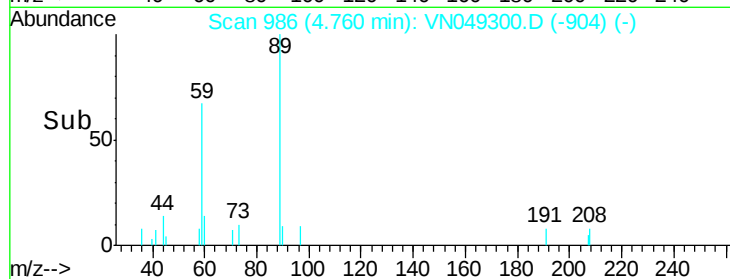
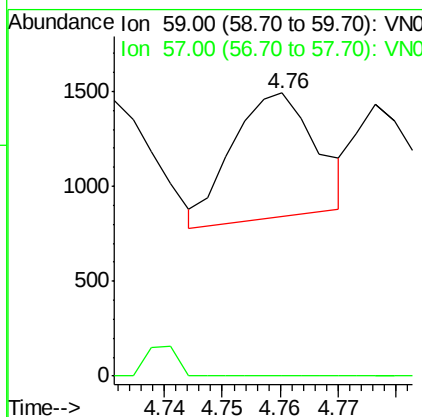
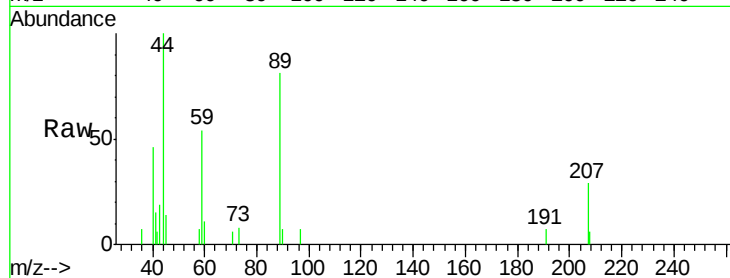




#11
Tert butyl alcohol
Concen: 0.92 ug/l
RT: 4.76 min Scan# 986
Delta R.T. -0.04 min
Lab File: VN049300.D
Acq: 16 Jun 2018 9:52

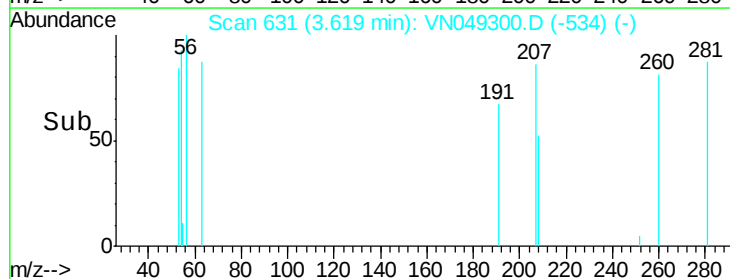
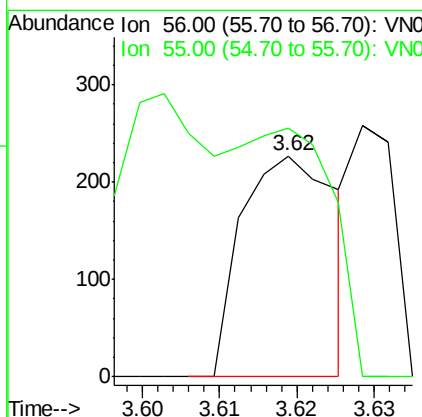
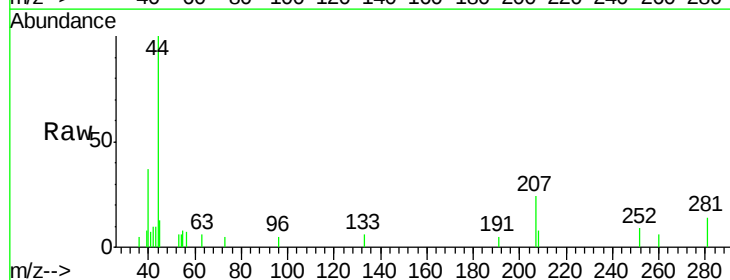
Instrument :
MSVOA_N
ClientSampled :

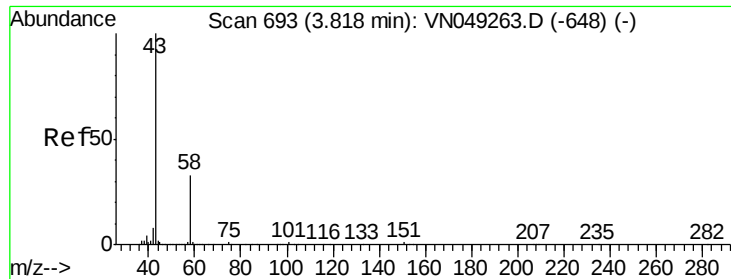
Tot Ion: 59 Resp: 661
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.6#



#13
Acrolein
Concen: 0.25 ug/l
RT: 3.62 min Scan# 631
Delta R.T. 0.01 min
Lab File: VN049300.D
Acq: 16 Jun 2018 9:52

Tgt Ion: 56 Resp: 192
Ion Ratio Lower Upper
56 100
55 124.5 57.1 85.7#





#16

Acetone

Concen: 13.00 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049300.D

Acq: 16 Jun 2018 9:52

Instrument :

MSVOA_N

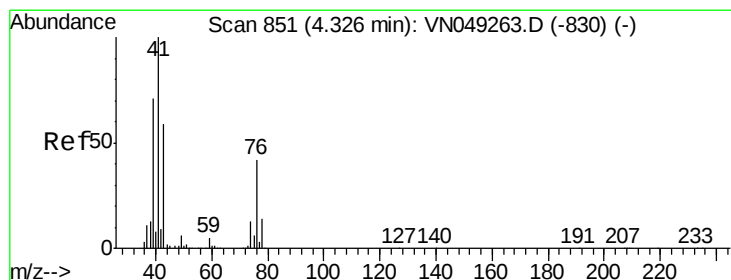
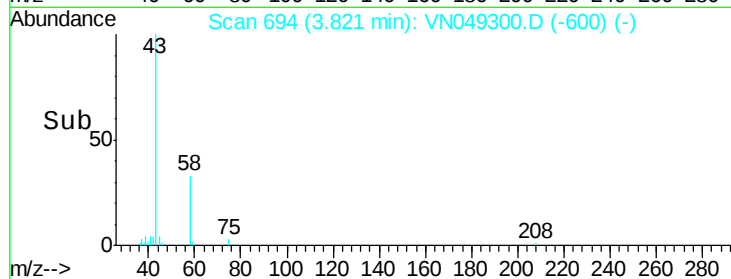
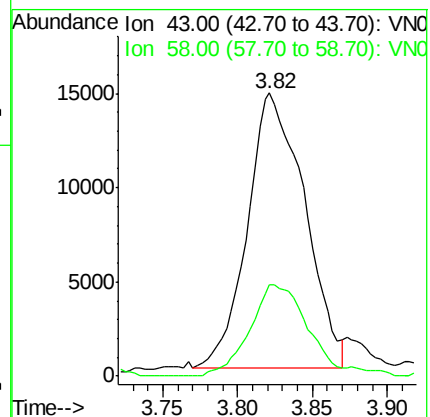
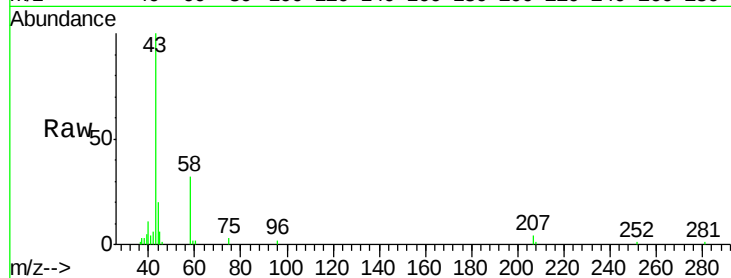
ClientSampleId :

Tot Ion: 43 Resp: 38664

Ion Ratio Lower Upper

43 100

58 33.0 22.4 33.6



#18

Methyl Acetate

Concen: 13.43 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.01 min

Lab File: VN049300.D

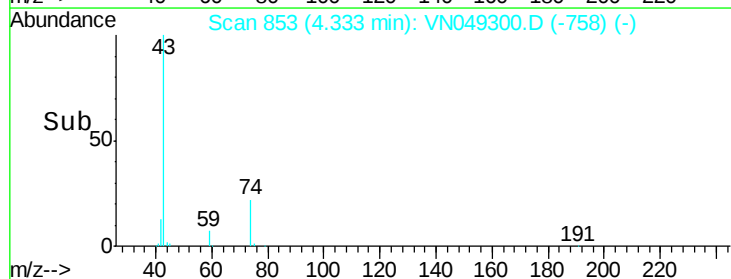
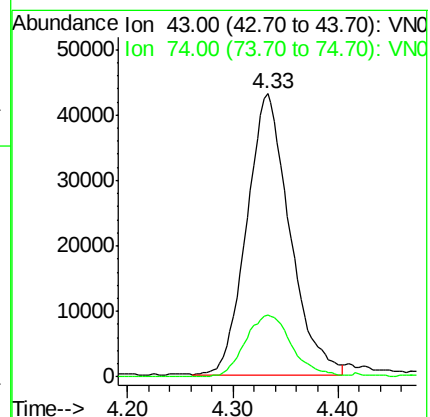
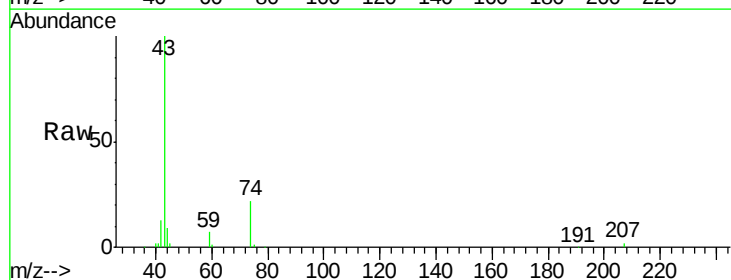
Acq: 16 Jun 2018 9:52

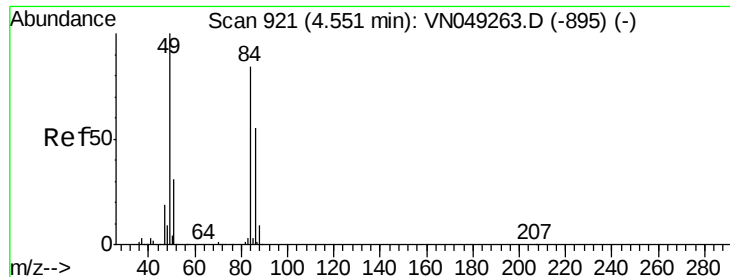
Tgt Ion: 43 Resp: 121865

Ion Ratio Lower Upper

43 100

74 23.8 17.4 26.0





#20

Methvlene Chloride

Concen: 15.97 ug/l

RT: 4.55 min Scan# 922

Delta R.T. 0.00 min

Lab File: VN049300.D

Acq: 16 Jun 2018 9:52

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 84 Resp: 198441

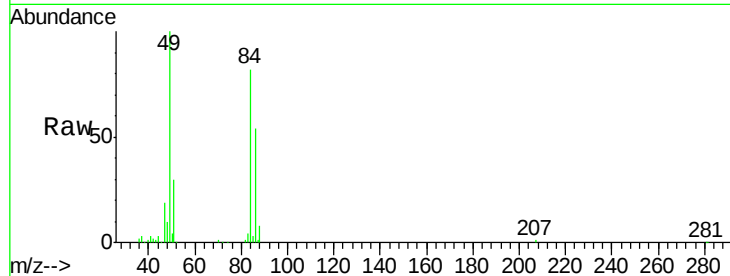
Ion Ratio Lower Upper

84 100

49 121.8 106.9 160.3

51 36.8 32.7 49.1

86 65.5 49.8 74.8

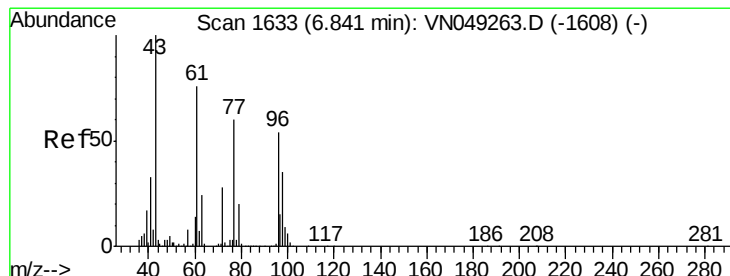
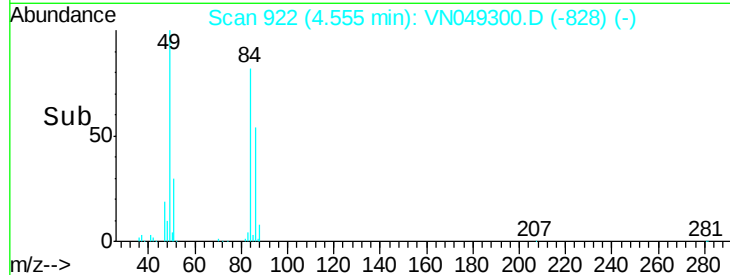
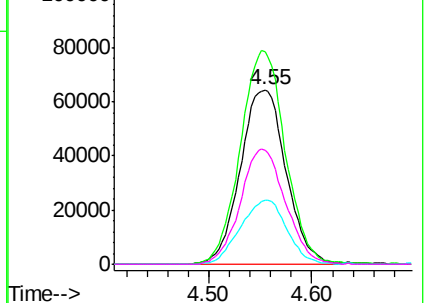


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#25

2-Butanone

Concen: 1.27 ug/l

RT: 6.84 min Scan# 1632

Delta R.T. -0.00 min

Lab File: VN049300.D

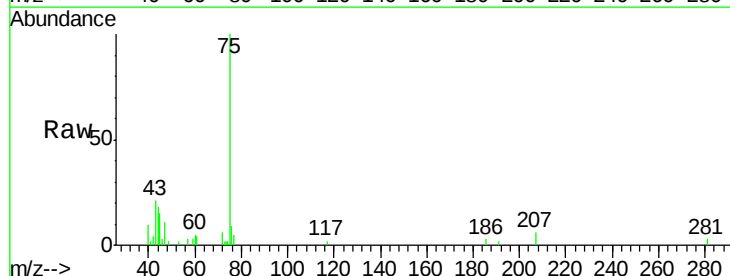
Acq: 16 Jun 2018 9:52

Tgt Ion: 43 Resp: 5088

Ion Ratio Lower Upper

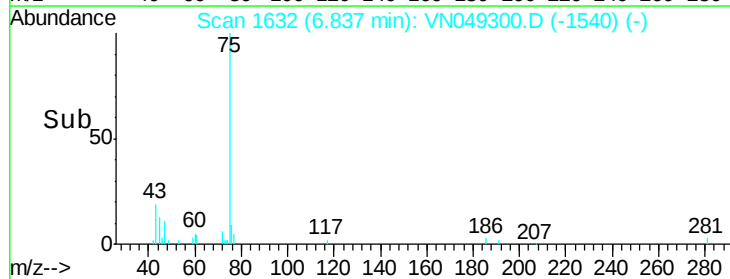
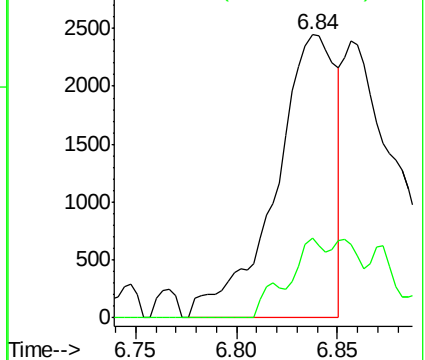
43 100

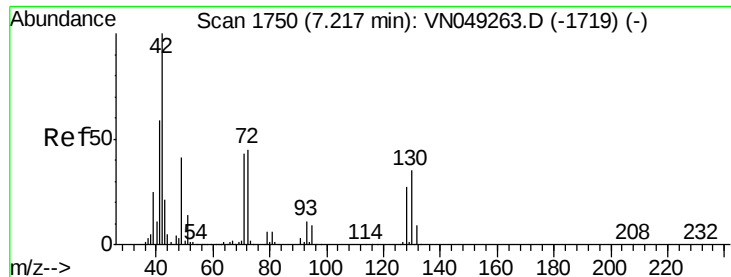
72 28.4 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

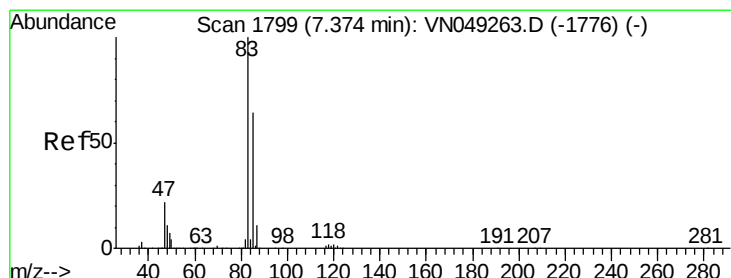
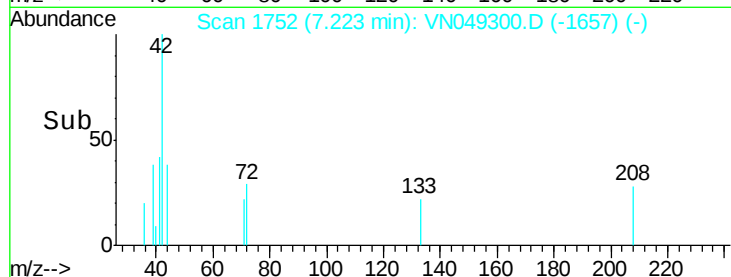
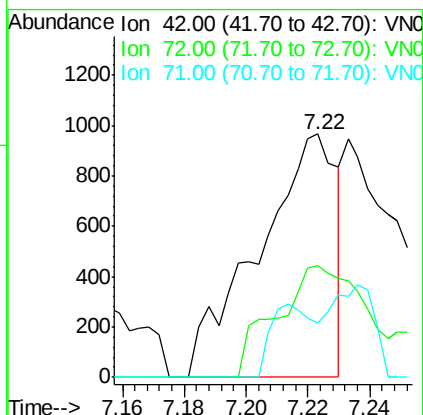
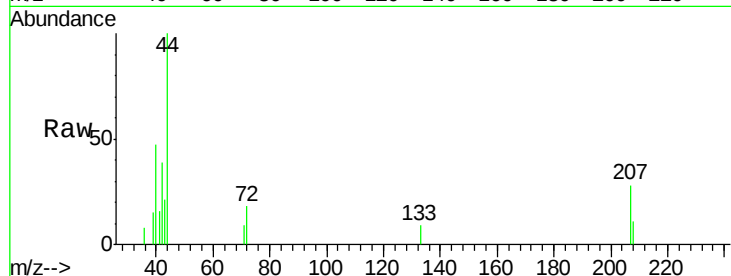




#29
Tetrahydrofuran
Concen: 0.66 ug/l
RT: 7.22 min Scan# 1752
Delta R.T. 0.01 min
Lab File: VN049300.D
Acq: 16 Jun 2018 9:52

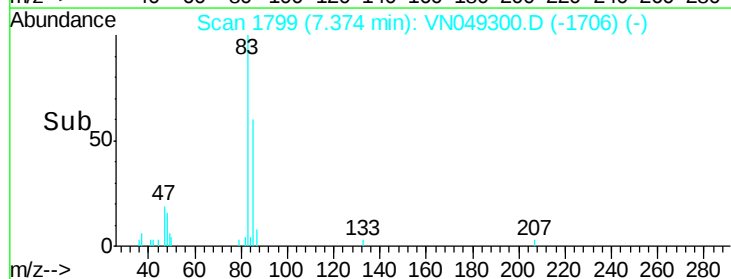
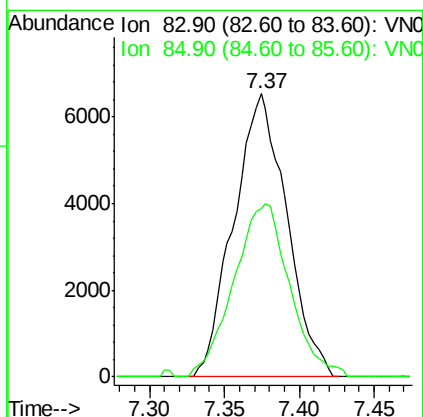
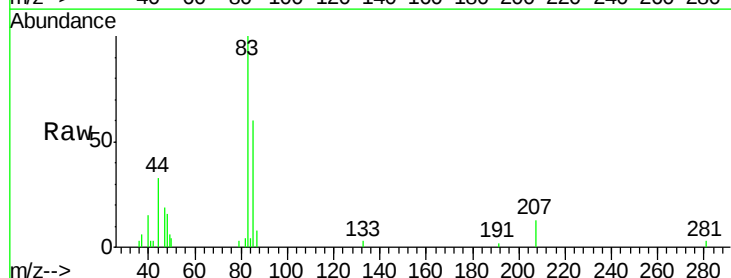
Instrument :
MSVOA_N
ClientSampled :

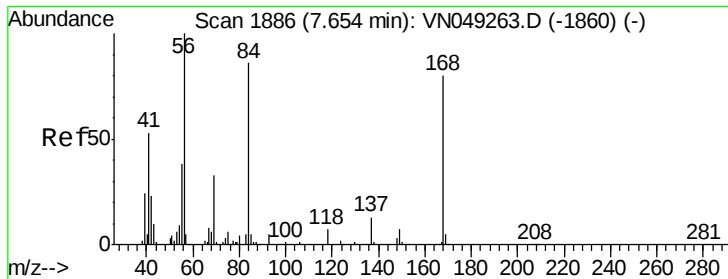
Tot Ion: 42 Resp: 1689
Ion Ratio Lower Upper
42 100
72 55.6 32.2 48.4#
71 16.6 30.5 45.7#



#30
Chloroform
Concen: 0.76 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN049300.D
Acq: 16 Jun 2018 9:52

Tgt Ion: 83 Resp: 16108
Ion Ratio Lower Upper
83 100
85 59.6 51.7 77.5





#31

Cyclohexane

Concen: 0.85 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. 0.01 min

Lab File: VN049300.D

Acq: 16 Jun 2018 9:52

Instrument :

MSVOA_N

ClientSampleId :

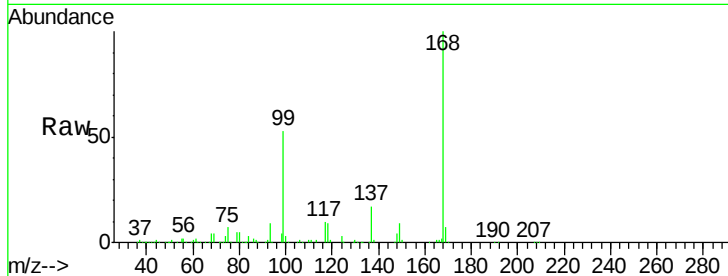
Tot Ion: 56 Resp: 18581

Ion Ratio Lower Upper

56 100

69 160.2 25.0 37.4#

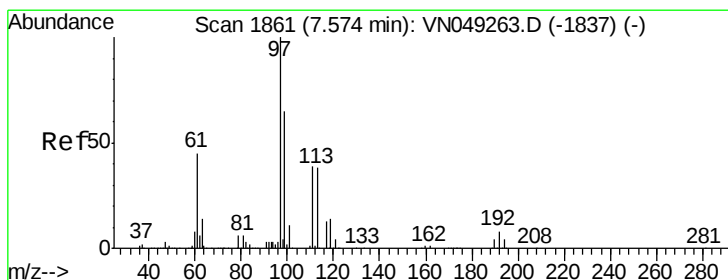
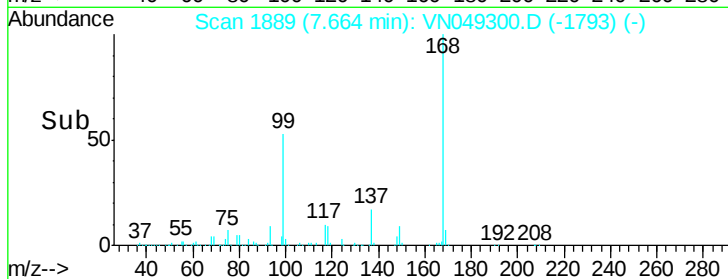
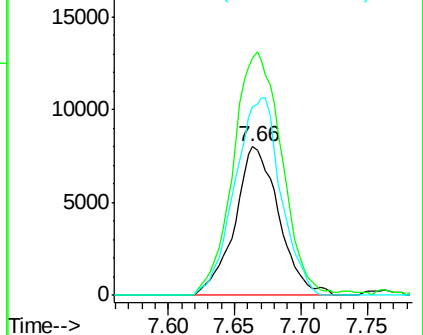
84 126.7 64.6 96.8#



Abundance Ion 56.00 (55.70 to 56.70): VN049300.D (-1793) (-)

Ion 69.00 (68.70 to 69.70): VN049300.D (-1793) (-)

Ion 84.00 (83.70 to 84.70): VN049300.D (-1793) (-)



#32

1,1,1-Trichloroethane

Concen: 0.22 ug/l

RT: 7.57 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VN049300.D

Acq: 16 Jun 2018 9:52

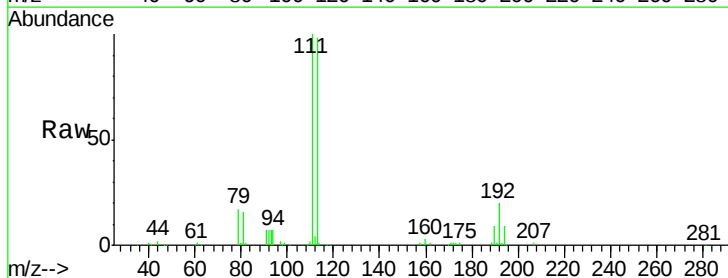
Tgt Ion: 97 Resp: 4051

Ion Ratio Lower Upper

97 100

99 0.0 50.5 75.7#

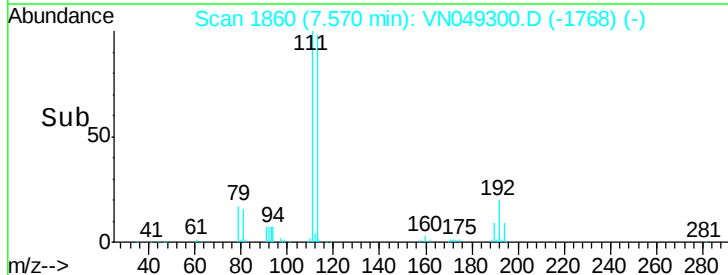
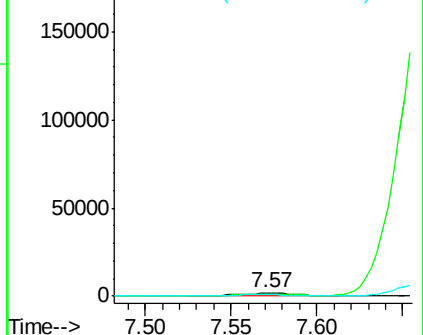
61 47.0 37.9 56.9

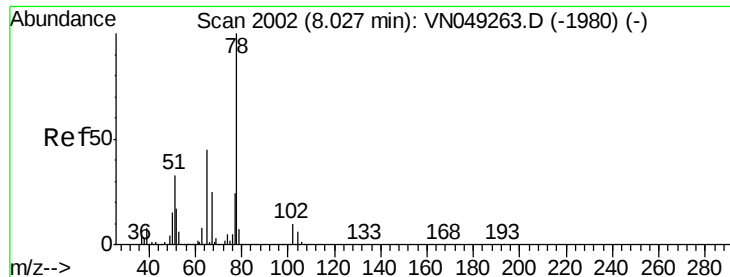


Abundance Ion 96.90 (96.60 to 97.60): VN049300.D (-1768) (-)

Ion 98.90 (98.60 to 99.60): VN049300.D (-1768) (-)

Ion 60.90 (60.60 to 61.60): VN049300.D (-1768) (-)





#33

1,2-Dichloroethane-d4

Concen: 47.95 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049300.D

Acq: 16 Jun 2018 9:52

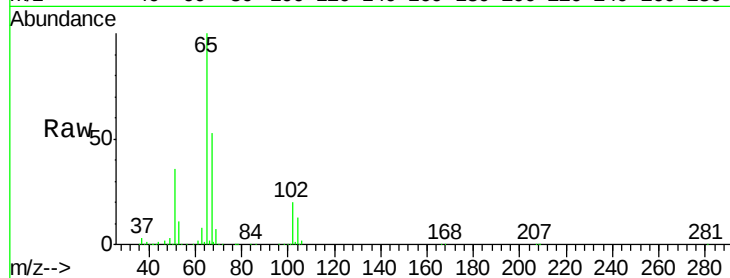
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 65 Resp: 587507

Ion Ratio Lower Upper

65 100

67 53.0 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN049300.D (-1909) (-)

Ion 66.90 (66.60 to 67.60): VN049300.D (-1909) (-)

8.03

250000

200000

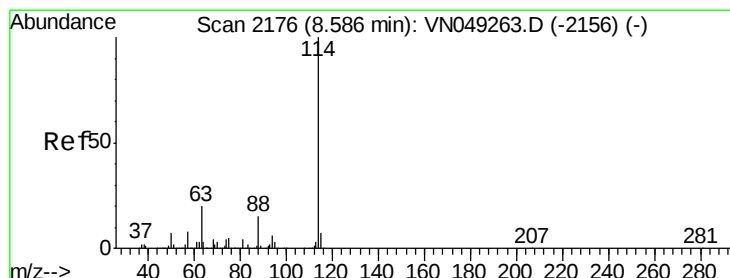
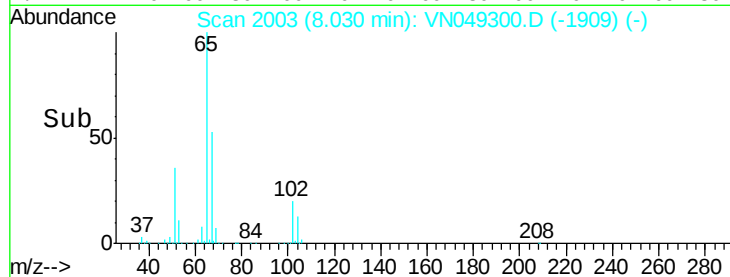
150000

100000

50000

0

Time--> 7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049300.D

Acq: 16 Jun 2018 9:52

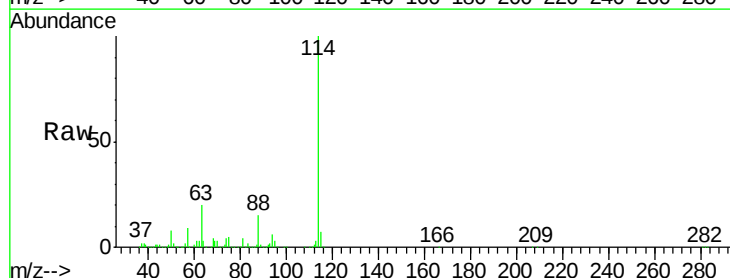
Tgt Ion: 114 Resp: 1808683

Ion Ratio Lower Upper

114 100

63 20.3 0.0 44.4

88 15.5 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN049300.D (-2083) (-)

Ion 63.00 (62.70 to 63.70): VN049300.D (-2083) (-)

Ion 87.90 (87.60 to 88.60): VN049300.D (-2083) (-)

8.59

1000000

800000

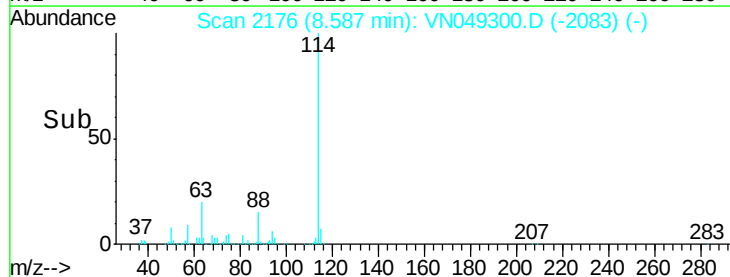
600000

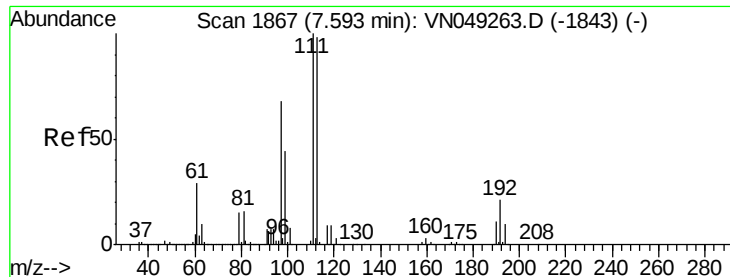
400000

200000

0

Time--> 8.50 8.60 8.70 8.80

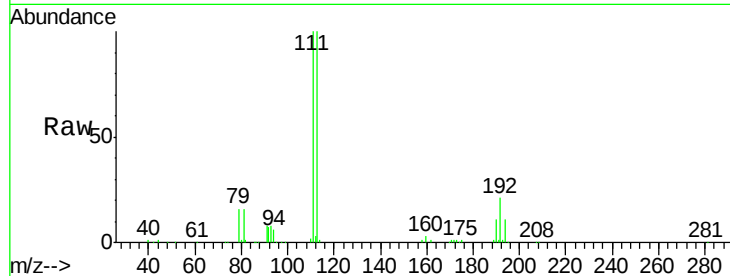




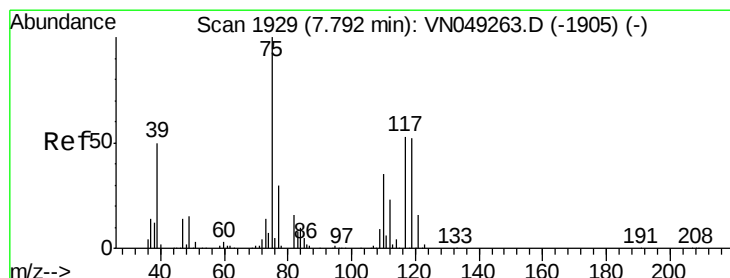
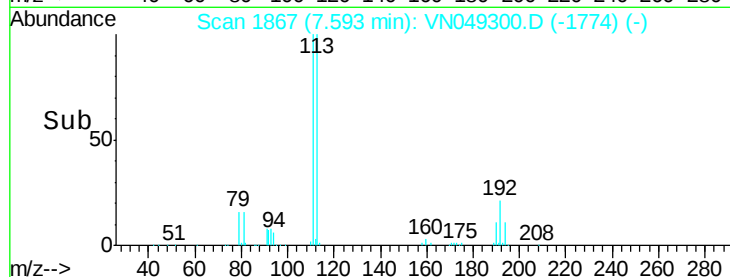
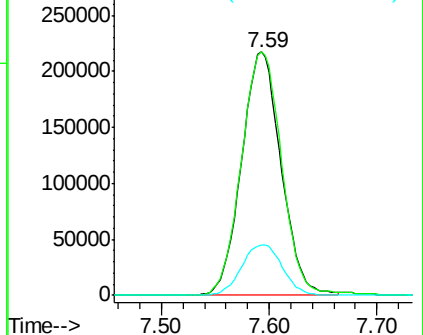
#35
Dibromofluoromethane
Concen: 37.79 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN049300.D
Acq: 16 Jun 2018 9:52

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.4	123.6
192	21.5	15.0	22.6

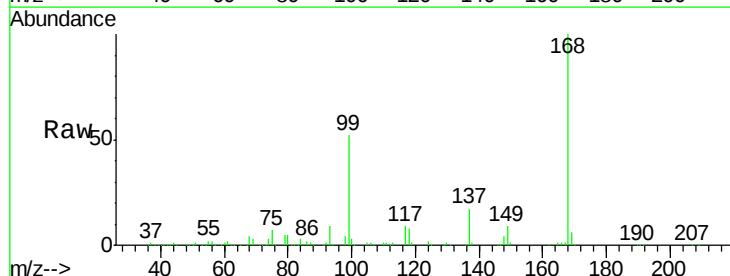


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

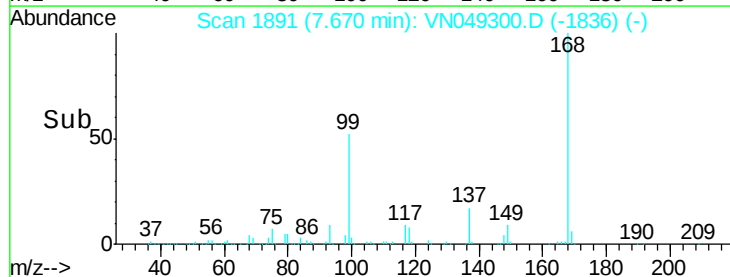
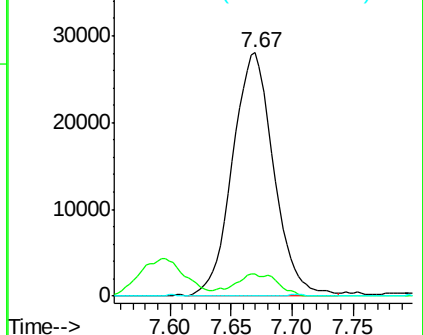


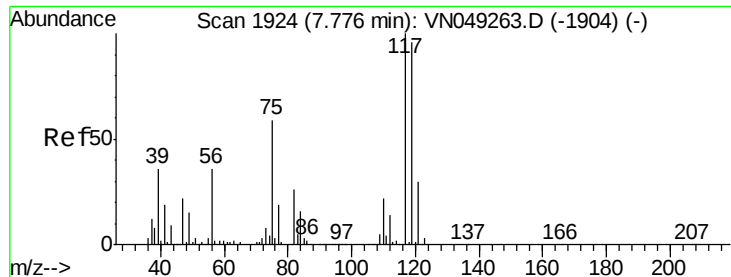
#36
1,1-Dichloropropene
Concen: 3.17 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. -0.12 min
Lab File: VN049300.D
Acq: 16 Jun 2018 9:52

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.6	17.0	50.9#
77	0.0	24.4	36.6#



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V

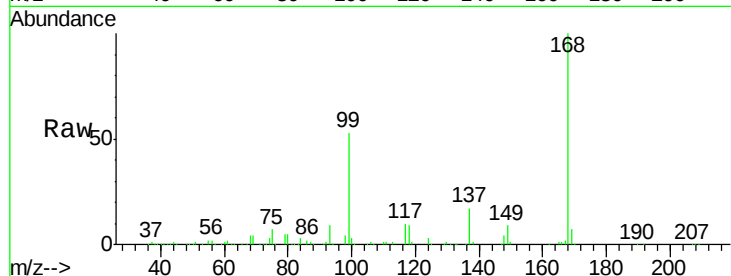




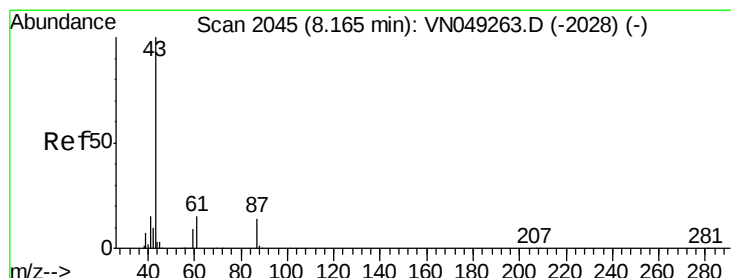
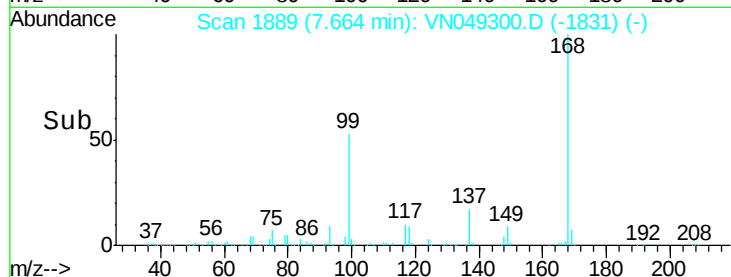
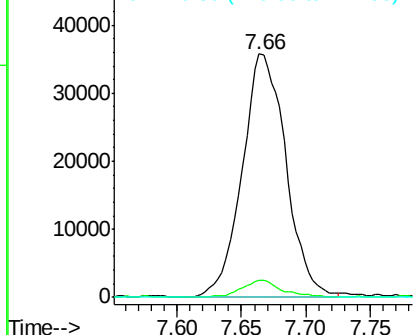
#38
Carbon Tetrachloride
Concen: 3.94 ug/l
RT: 7.66 min Scan# 1889
Delta R.T. -0.11 min
Lab File: VN049300.D
Acq: 16 Jun 2018 9:52

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 84532
Ion Ratio Lower Upper
117 100
119 7.0 75.6 113.4#
121 0.0 24.7 37.1#

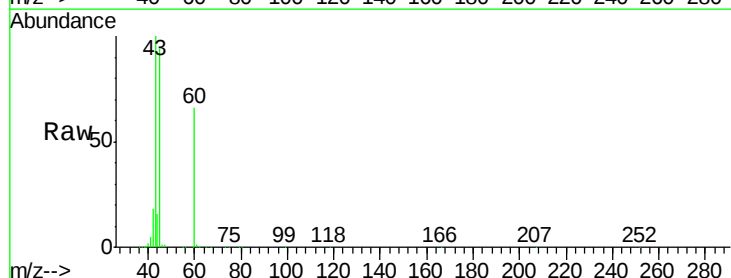


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

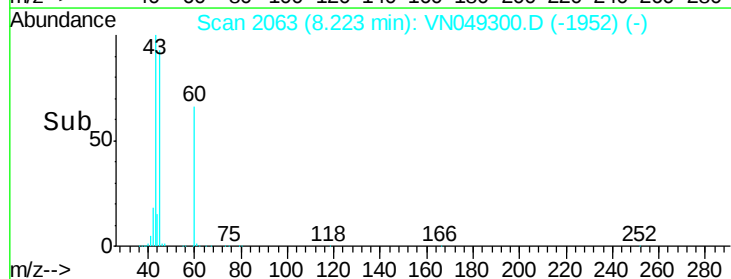
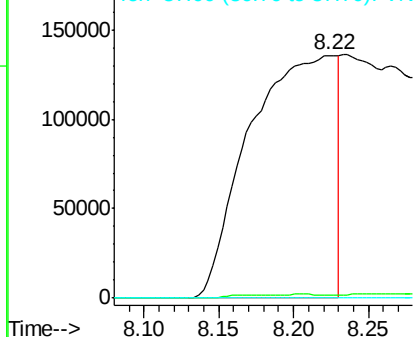


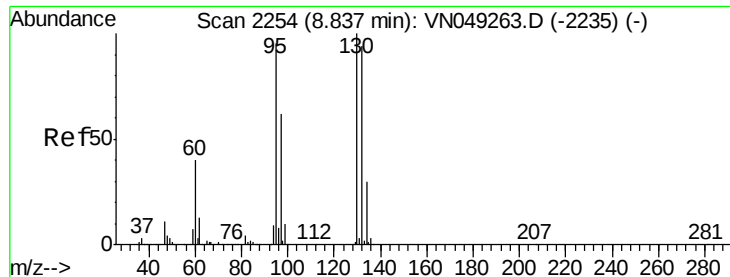
#43
Isopropyl Acetate
Concen: 25.21 ug/l
RT: 8.22 min Scan# 2063
Delta R.T. 0.06 min
Lab File: VN049300.D
Acq: 16 Jun 2018 9:52

Tgt Ion: 43 Resp: 542909
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): V
Ion 61.00 (60.70 to 61.70): V
Ion 87.00 (86.70 to 87.70): V





#44

Trichloroethene

Concen: 2.29 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN049300.D

Acq: 16 Jun 2018 9:52

Instrument :

MSVOA_N

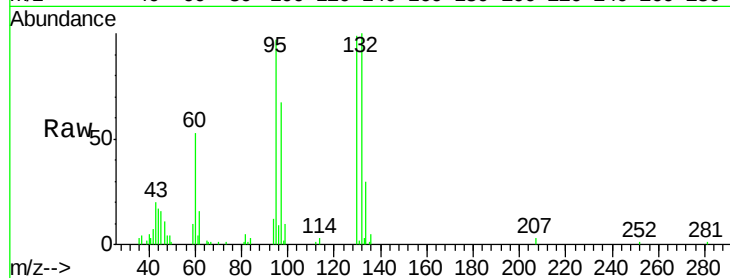
ClientSampled :

Tot Ion:130 Resp: 38359

Ion Ratio Lower Upper

130 100

95 97.9 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

20000

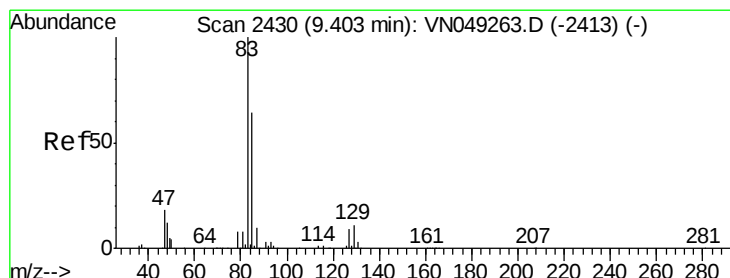
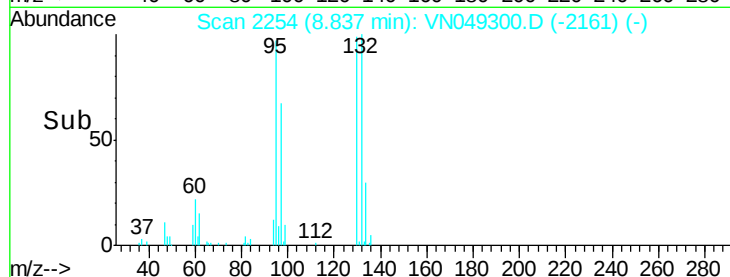
15000

10000

5000

0

Time--> 8.75 8.80 8.85 8.90



#47

Bromodichloromethane

Concen: 0.30 ug/l

RT: 9.40 min Scan# 2429

Delta R.T. -0.00 min

Lab File: VN049300.D

Acq: 16 Jun 2018 9:52

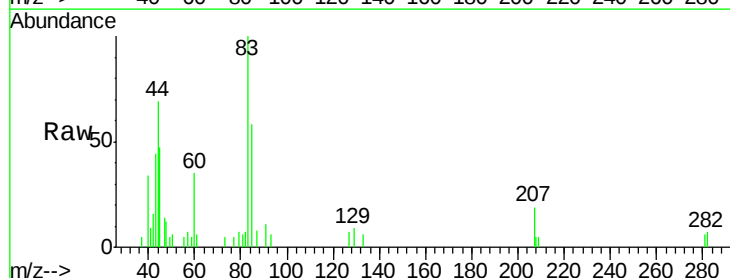
Tgt Ion: 83 Resp: 6353

Ion Ratio Lower Upper

83 100

85 57.9 49.4 74.0

127 6.8 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V

9.40

4000

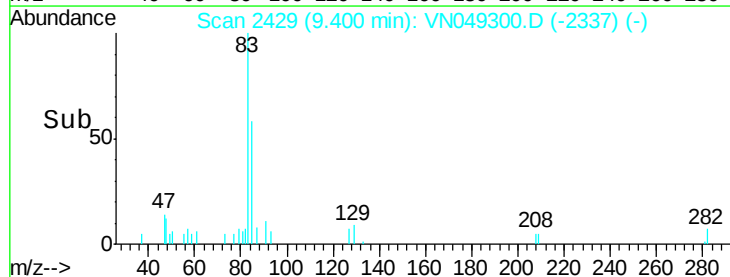
3000

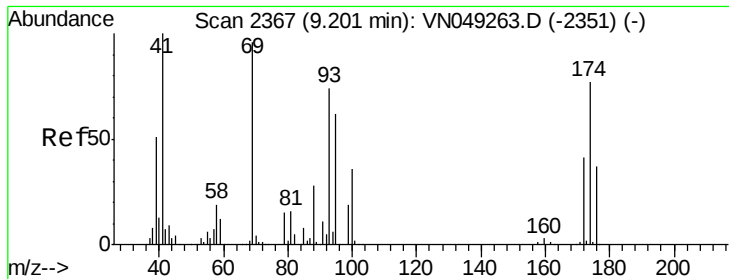
2000

1000

0

Time--> 9.35 9.40 9.45

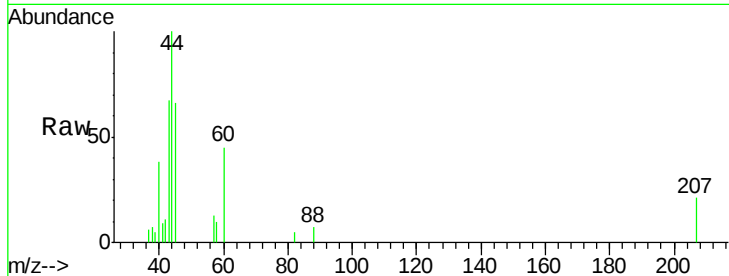




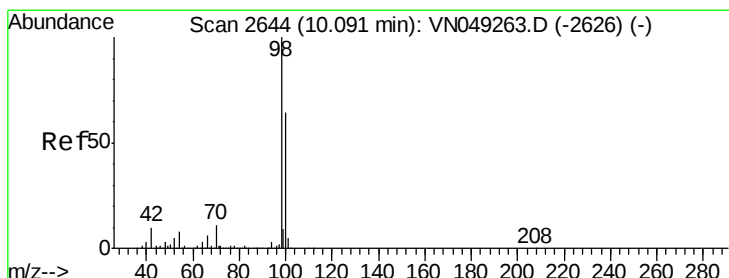
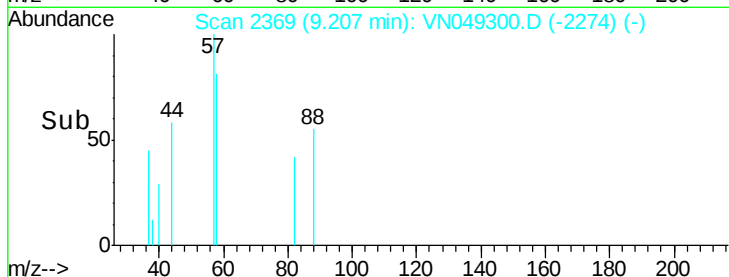
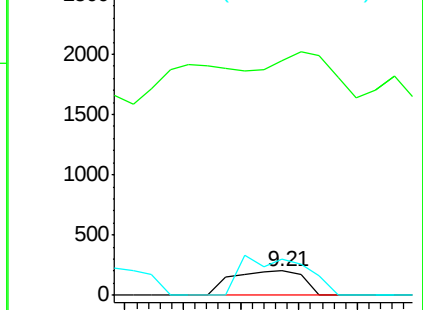
#49
 1,4-Dioxane
 Concen: 1.22 ug/l
 RT: 9.21 min Scan# 2369
 Delta R.T. 0.01 min
 Lab File: VN049300.D
 Acq: 16 Jun 2018 9:52

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 88 Resp: 171
 Ion Ratio Lower Upper
 88 100
 43 186.5 30.9 46.3#
 58 145.6 58.9 88.3#

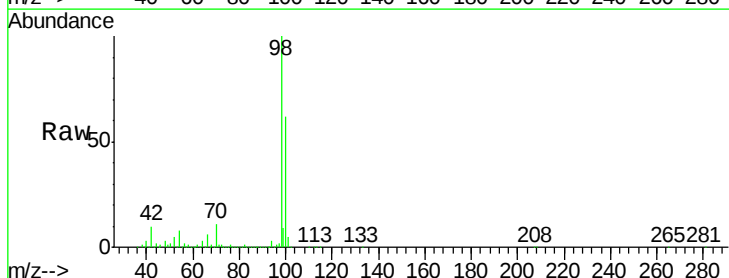


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

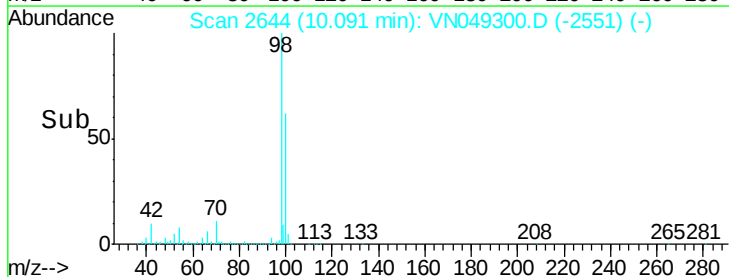
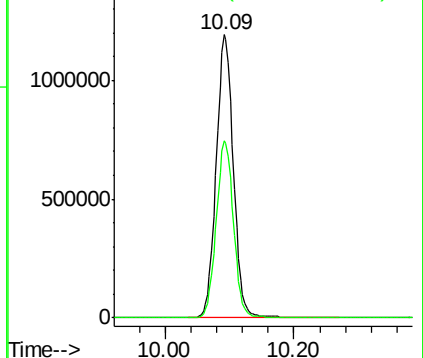


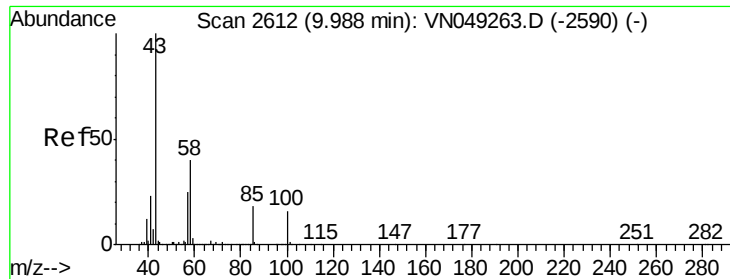
#50
 Toluene-d8
 Concen: 39.45 ug/l
 RT: 10.09 min Scan# 2644
 Delta R.T. 0.00 min
 Lab File: VN049300.D
 Acq: 16 Jun 2018 9:52

Tgt Ion: 98 Resp: 2198308
 Ion Ratio Lower Upper
 98 100
 100 62.7 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0

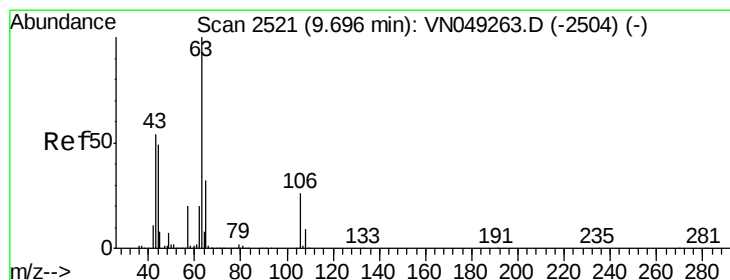
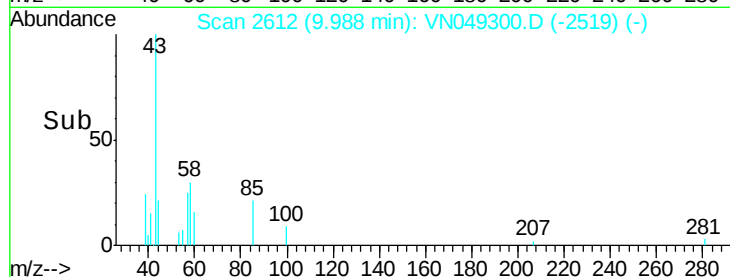
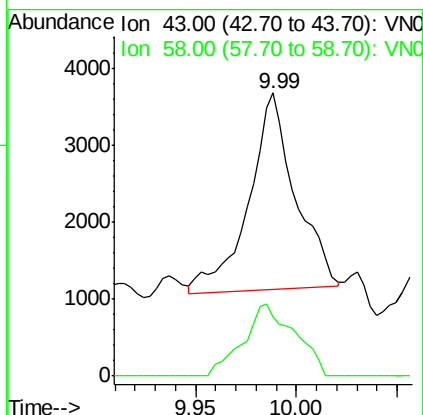
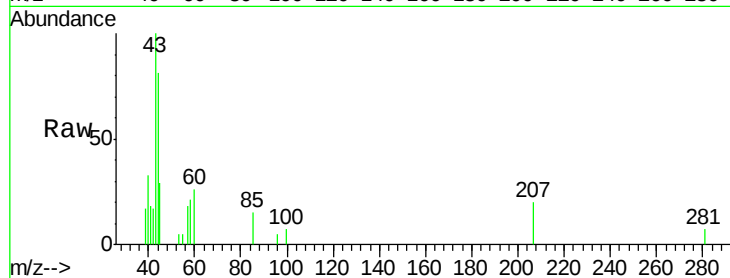




#51
 4-Methyl-2-Pentanone
 Concen: 0.36 ug/l
 RT: 9.99 min Scan# 2612
 Delta R.T. 0.00 min
 Lab File: VN049300.D
 Acq: 16 Jun 2018 9:52

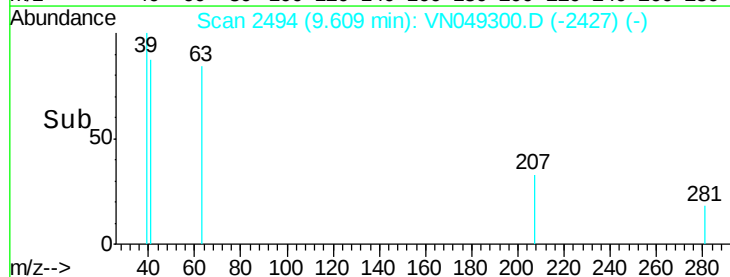
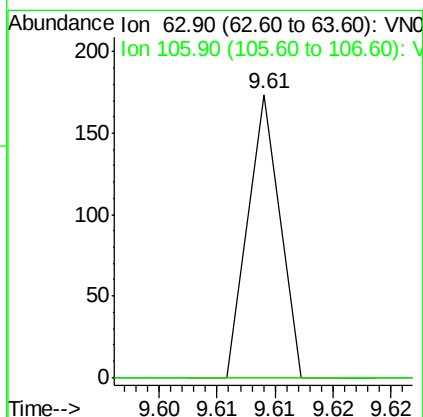
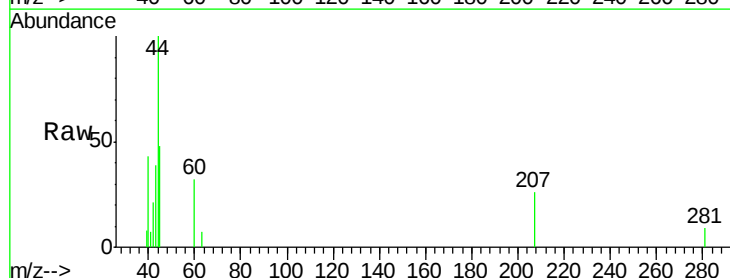
Instrument :
 MSVOA_N
 ClientSampled :

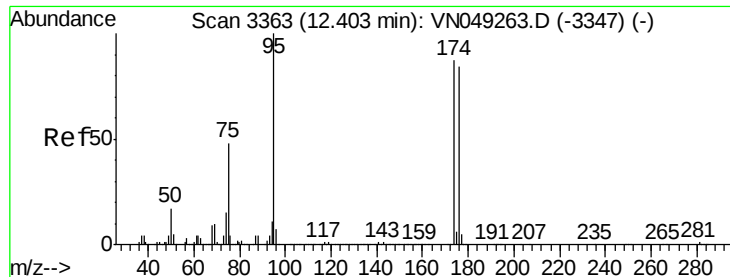
Tot Ion: 43 Resp: 4107
 Ion Ratio Lower Upper
 43 100
 58 40.5 29.0 43.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 14.33 ug/l
 RT: 9.61 min Scan# 2494
 Delta R.T. -0.09 min
 Lab File: VN049300.D
 Acq: 16 Jun 2018 9:52

Tgt Ion: 63 Resp: 34
 Ion Ratio Lower Upper
 63 100
 106 0.0 19.4 29.2#

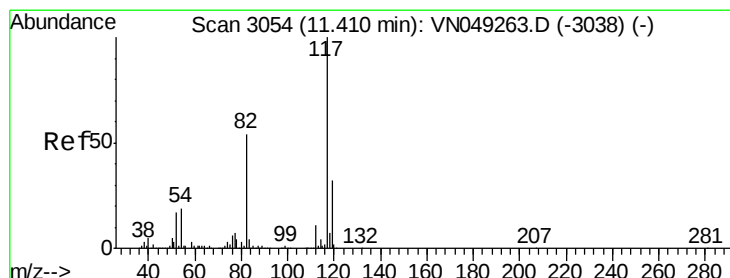
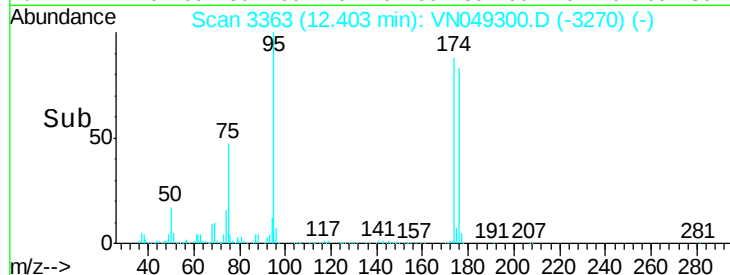
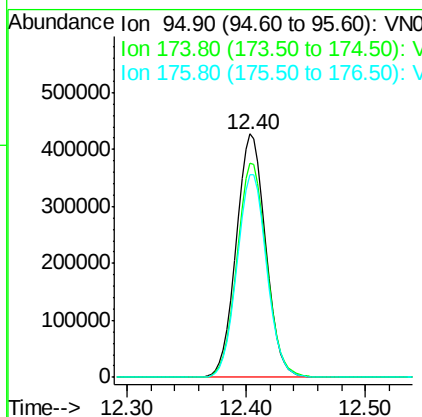
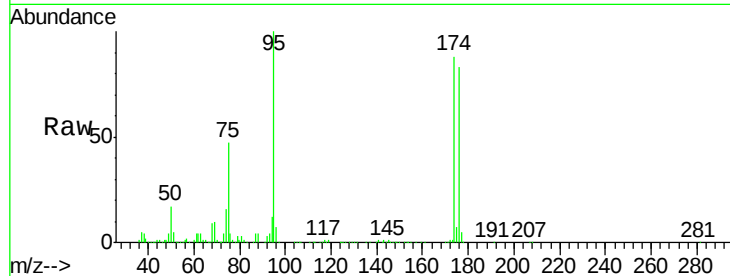




#62
4-Bromofluorobenzene
Concen: 39.82 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049300.D
Acq: 16 Jun 2018 9:52

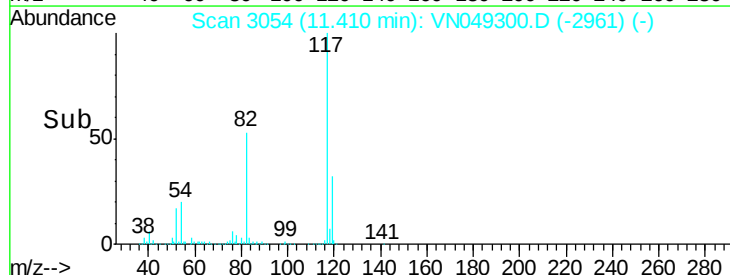
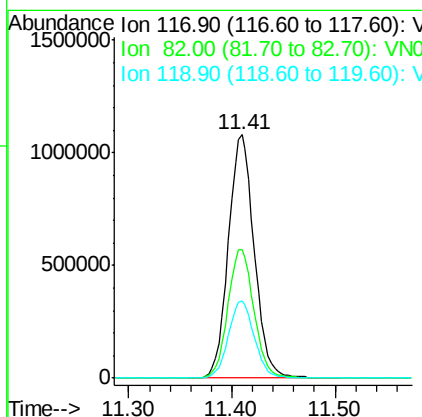
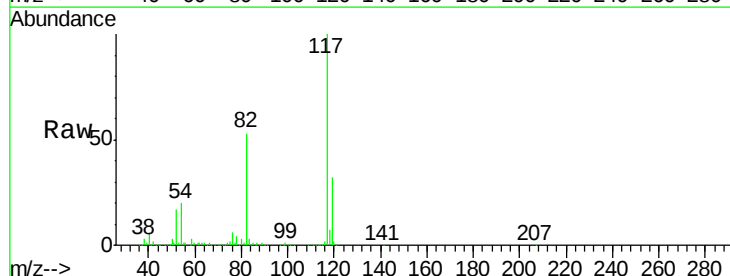
Instrument :
MSVOA_N
ClientSampleId :

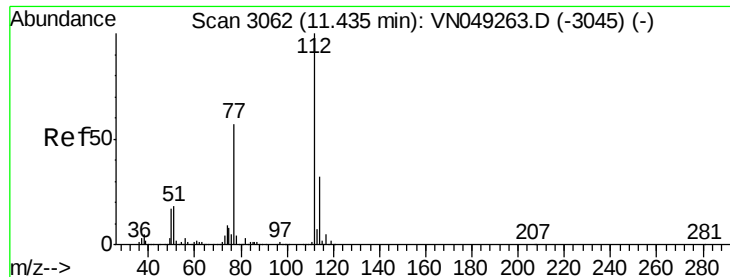
Tot Ion: 95 Resp: 733547
Ion Ratio Lower Upper
95 100
174 88.8 0.0 165.6
176 84.2 0.0 157.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049300.D
Acq: 16 Jun 2018 9:52

Tgt Ion: 117 Resp: 1884048
Ion Ratio Lower Upper
117 100
82 52.9 45.9 68.9
119 31.7 25.5 38.3





#65

Chlorobenzene

Concen: 0.36 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049300.D

Acq: 16 Jun 2018 9:52

Instrument :

MSVOA_N

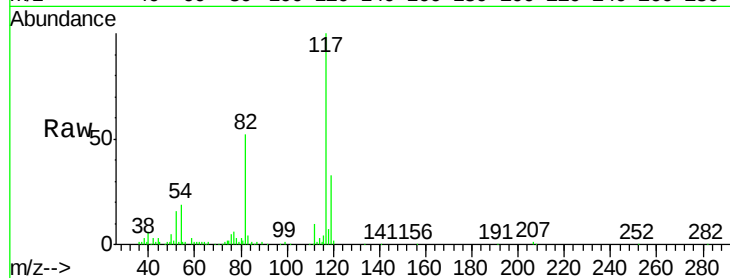
ClientSampled :

Tot Ion:112 Resp: 17482

Ion Ratio Lower Upper

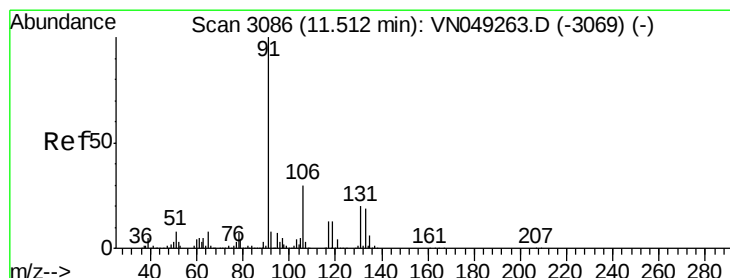
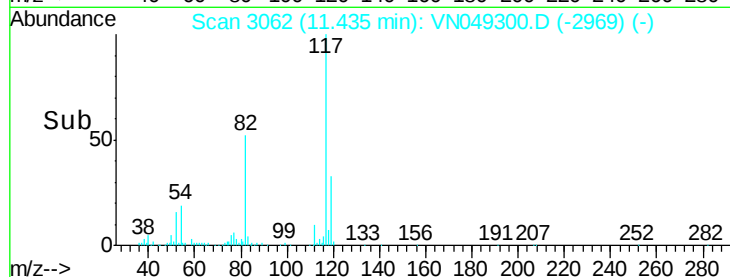
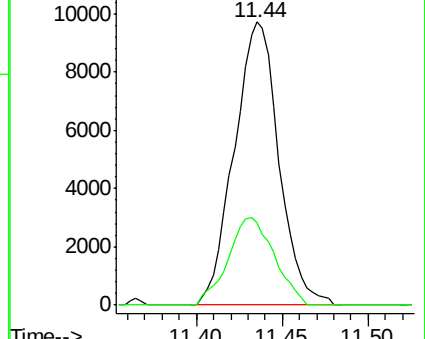
112 100

114 28.9 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#67

Ethyl Benzene

Concen: 0.28 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN049300.D

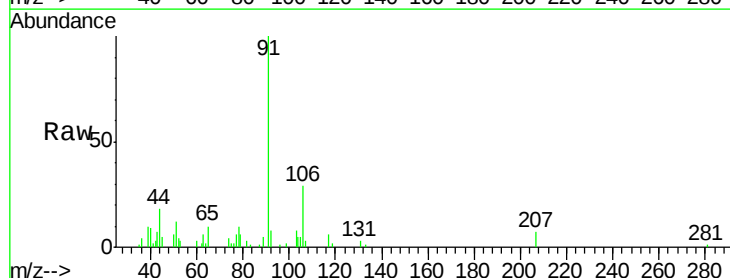
Acq: 16 Jun 2018 9:52

Tgt Ion: 91 Resp: 22678

Ion Ratio Lower Upper

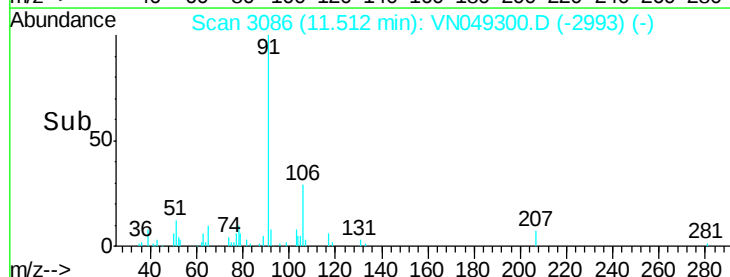
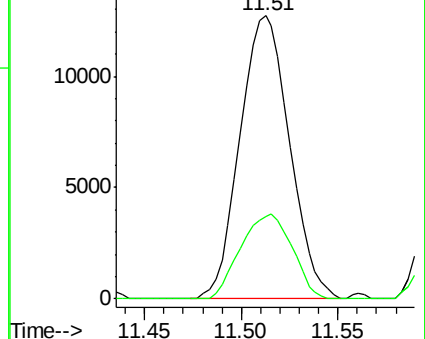
91 100

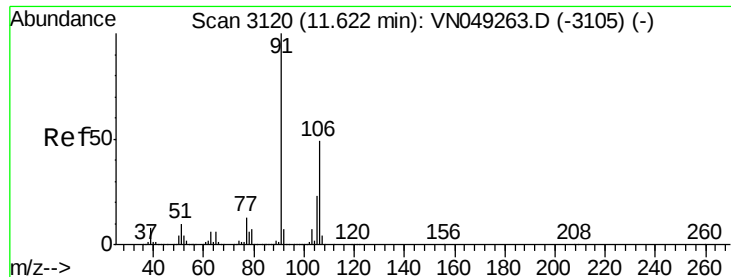
106 29.1 23.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 1.29 ug/l

RT: 11.62 min Scan# 3119

Delta R.T. -0.00 min

Lab File: VN049300.D

Acq: 16 Jun 2018 9:52

Instrument :

MSVOA_N

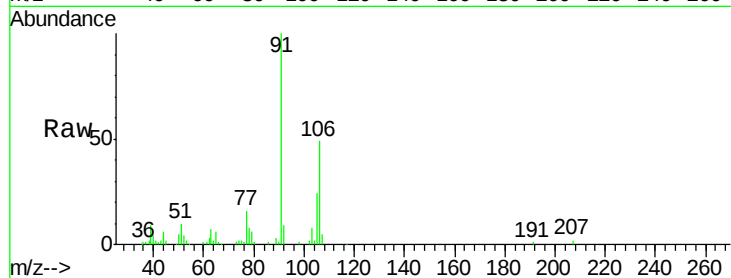
ClientSampled :

Tot Ion:106 Resp: 39085

Ion Ratio Lower Upper

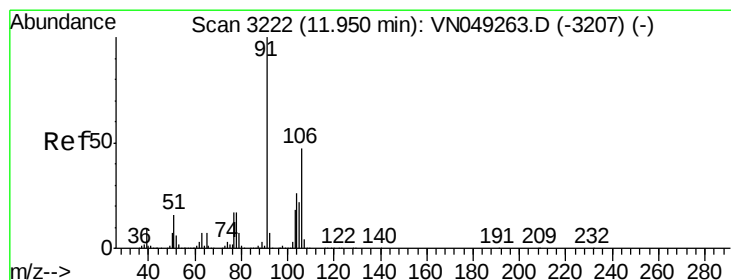
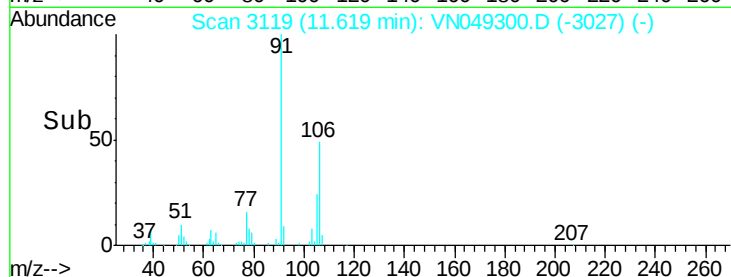
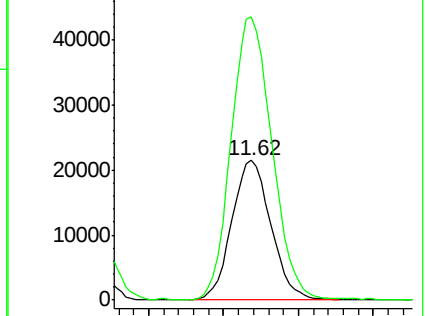
106 100

91 211.7 167.3 250.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#69

o-Xylene

Concen: 0.62 ug/l

RT: 11.95 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN049300.D

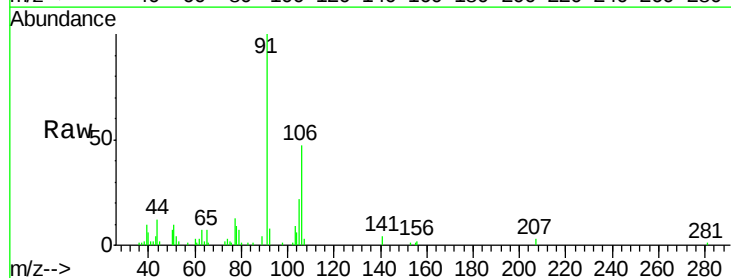
Acq: 16 Jun 2018 9:52

Tgt Ion:106 Resp: 17915

Ion Ratio Lower Upper

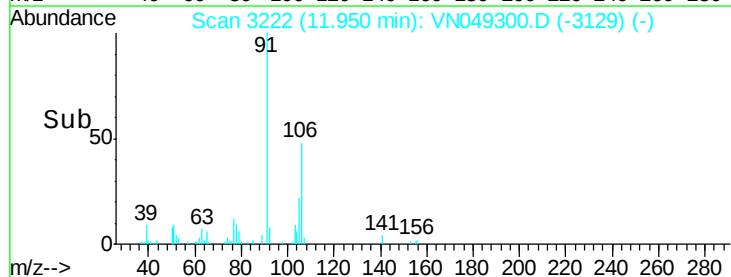
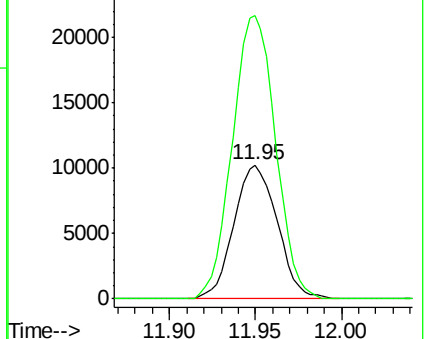
106 100

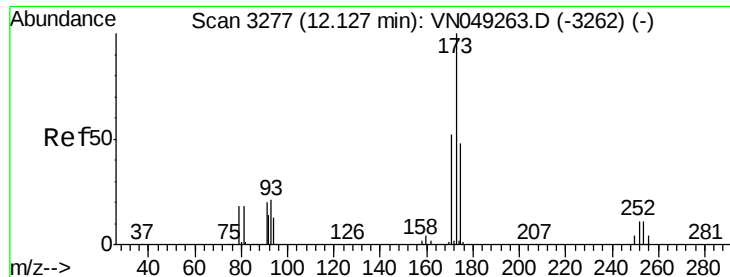
91 210.3 111.0 333.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





#71

Bromoform

Concen: 0.52 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.28 min

Lab File: VN049300.D

Acq: 16 Jun 2018 9:52

Instrument :

MSVOA_N

ClientSampleId :

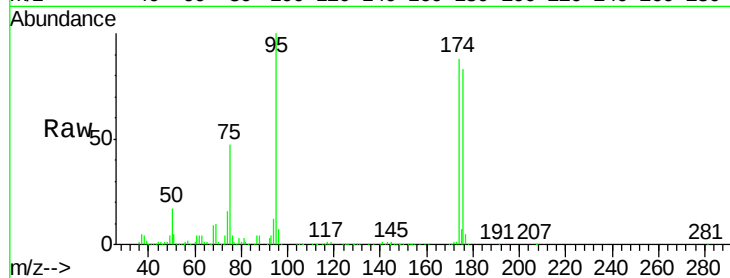
Tot Ion:173 Resp: 6198

Ion Ratio Lower Upper

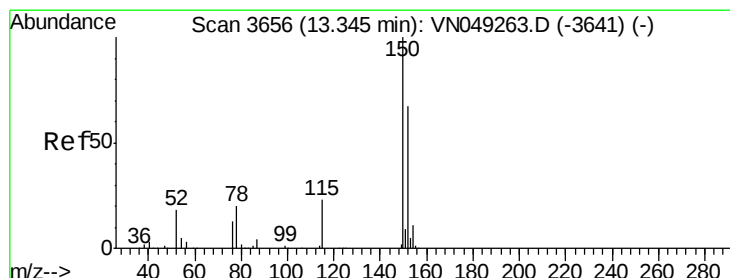
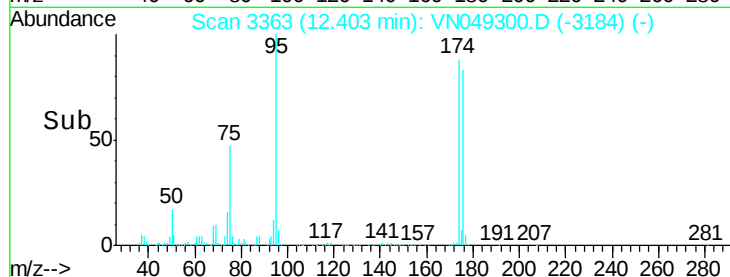
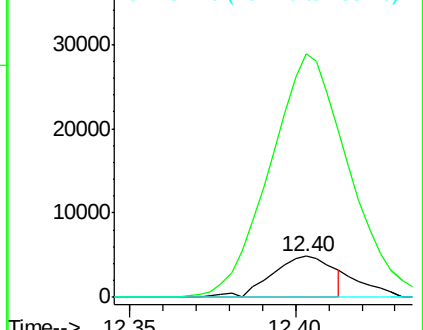
173 100

175 620.8 24.5 73.5#

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049300.D

Acq: 16 Jun 2018 9:52

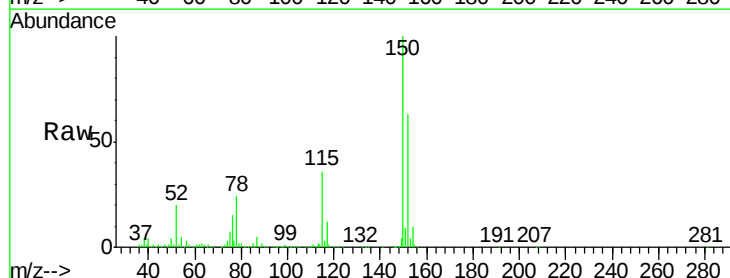
Tgt Ion:152 Resp: 588809

Ion Ratio Lower Upper

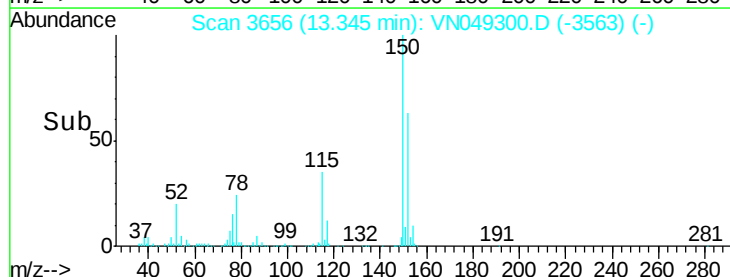
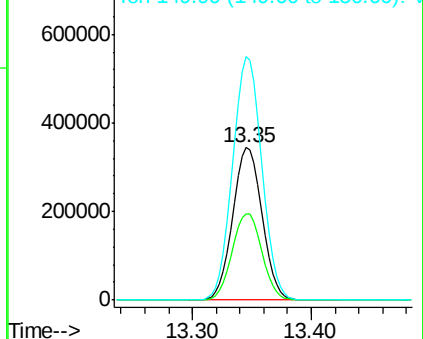
152 100

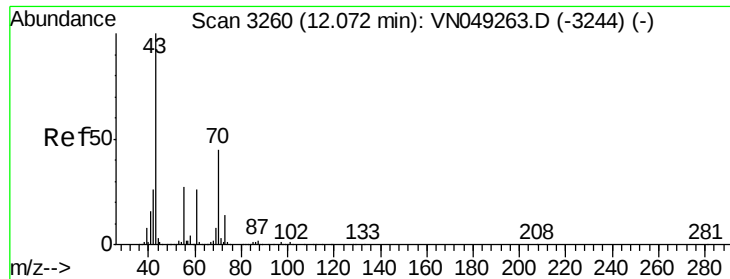
115 57.5 28.7 86.1

150 159.4 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-amvl acetate

Concen: 0.22 ug/l

RT: 12.04 min Scan# 3251

Delta R.T. -0.03 min

Lab File: VN049300.D

Acq: 16 Jun 2018 9:52

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 2783

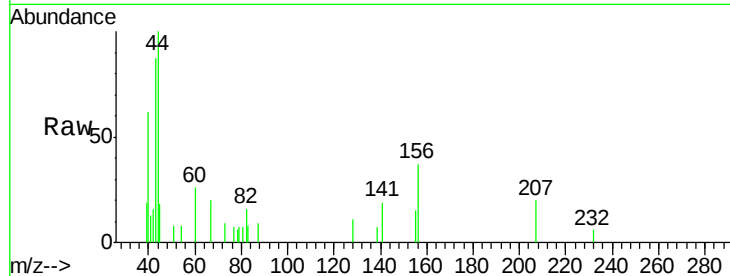
Ion Ratio Lower Upper

43 100

70 0.0 30.3 45.5#

55 8.5 19.4 29.2#

61 2.4 17.8 26.6#

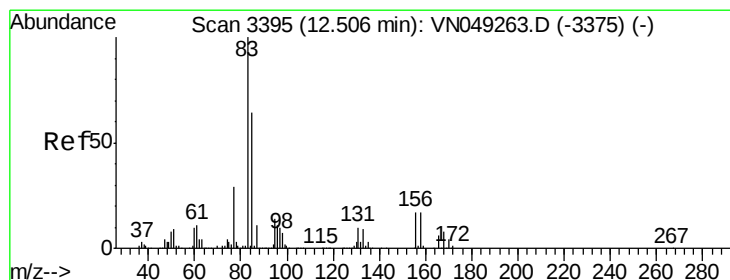
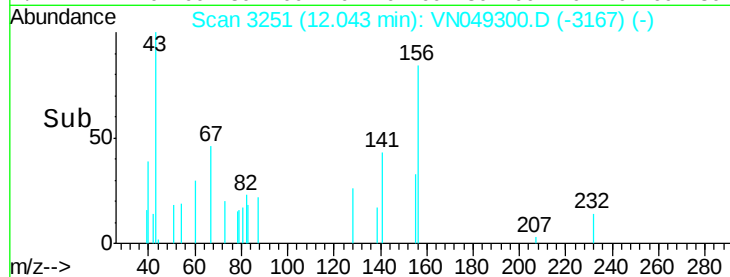
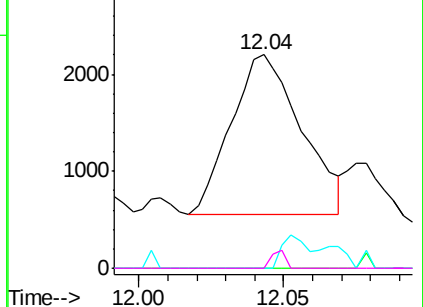


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.46 min Scan# 3380

Delta R.T. -0.05 min

Lab File: VN049300.D

Acq: 16 Jun 2018 9:52

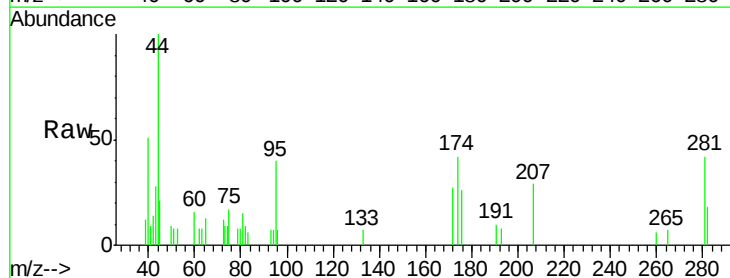
Tgt Ion: 83 Resp: 30

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

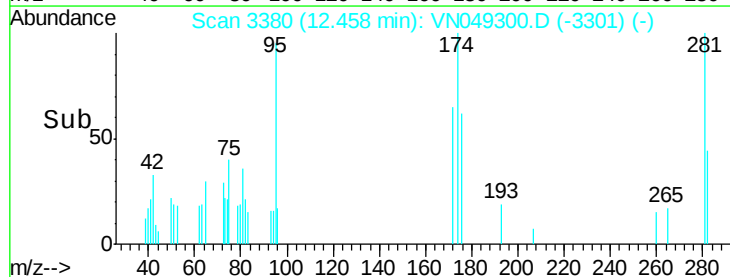
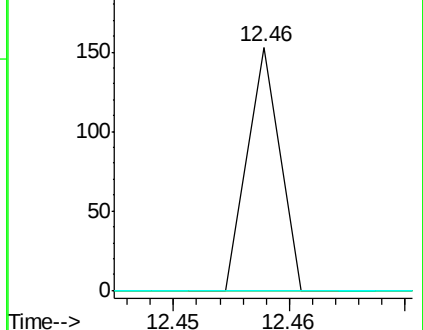
85 0.0 32.0 96.0#

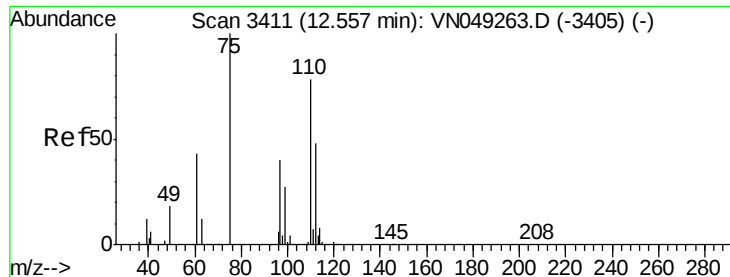


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 34.83 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049300.D

Acq: 16 Jun 2018 9:52

Instrument :

MSVOA_N

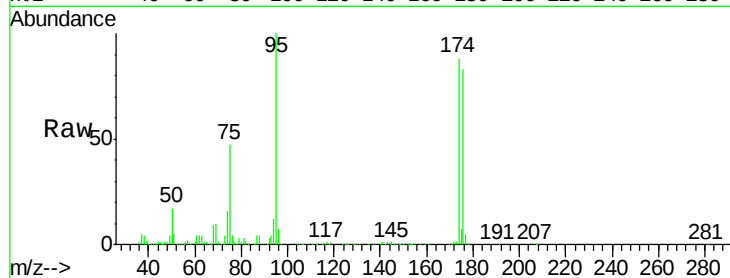
ClientSampleId :

Tot Ion: 75 Resp: 349930

Ion Ratio Lower Upper

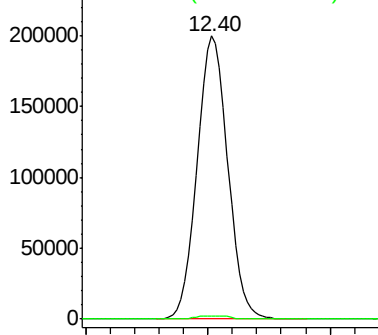
75 100

77 1.4 0.0 0.0#

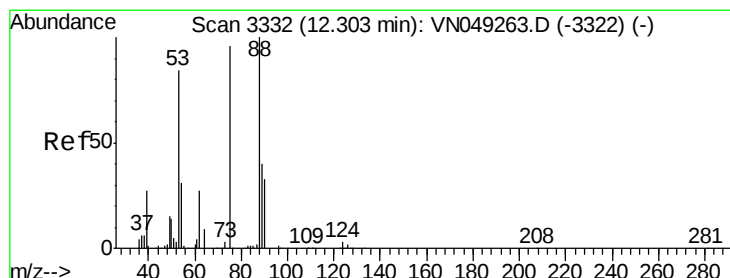
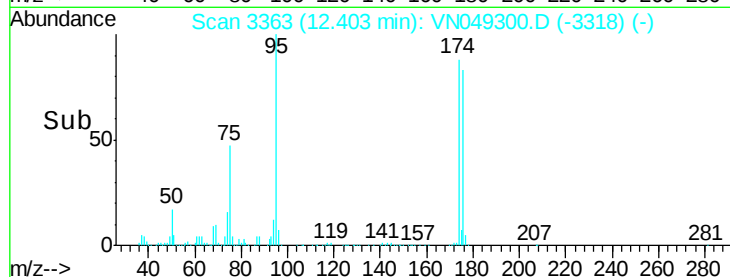


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO



Time--> 12.30 12.40 12.50



#81

trans-1,4-Dichloro-2-butene

Concen: 110.08 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049300.D

Acq: 16 Jun 2018 9:52

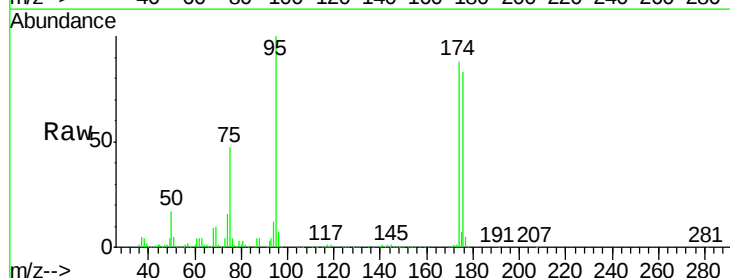
Tgt Ion: 75 Resp: 349930

Ion Ratio Lower Upper

75 100

53 0.1 82.7 124.1#

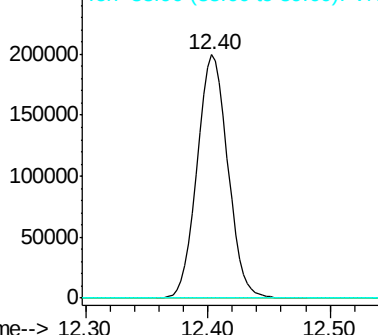
89 0.0 36.5 54.7#



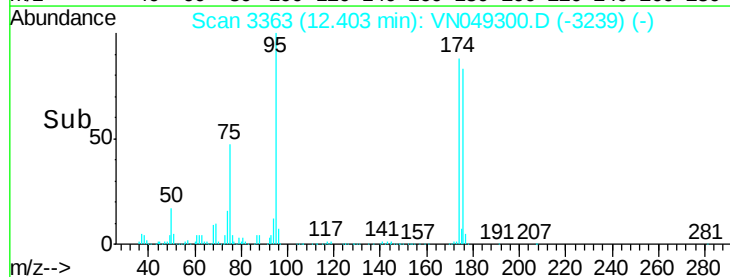
Abundance Ion 74.90 (74.60 to 75.60): VNO

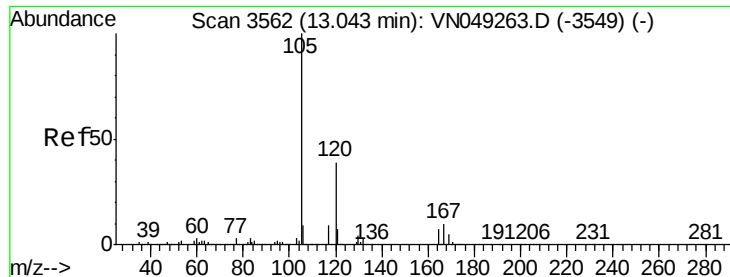
Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO



Time--> 12.30 12.40 12.50

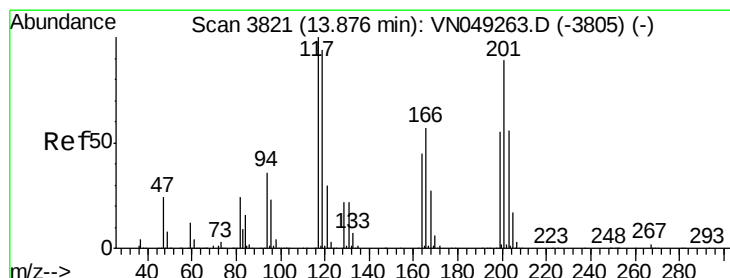
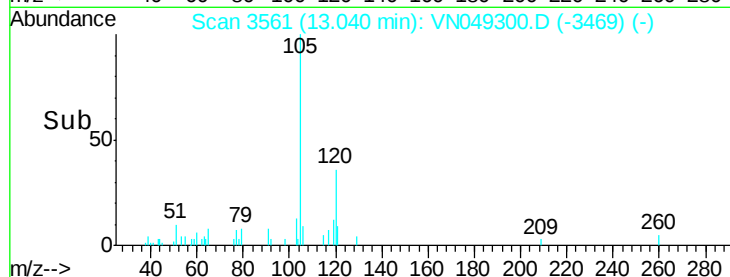
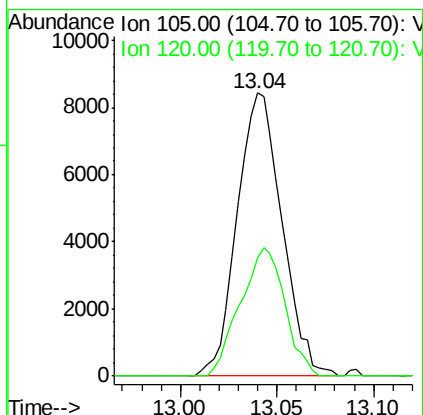
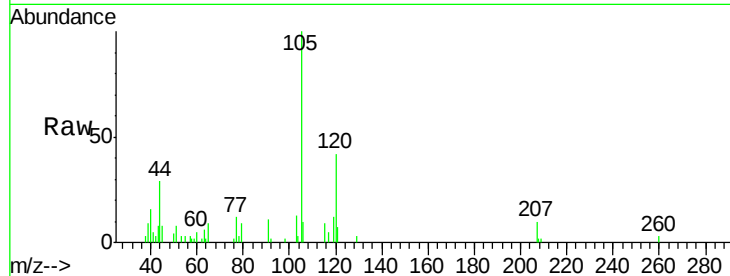




#84
 1,2,4-Trimethylbenzene
 Concen: 0.34 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. -0.00 min
 Lab File: VN049300.D
 Acq: 16 Jun 2018 9:52

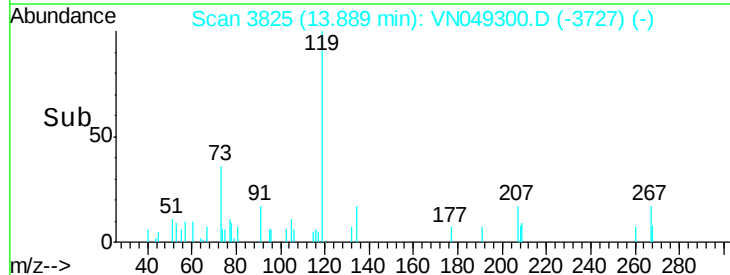
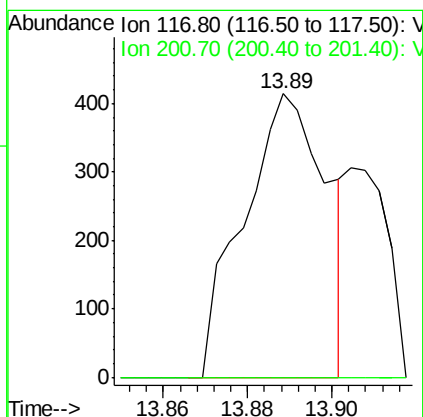
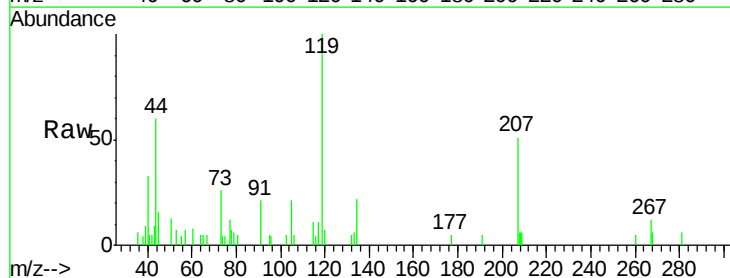
Instrument :
 MSVOA_N
 ClientSampled :

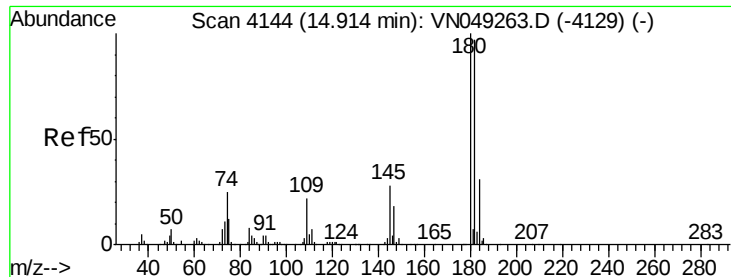
Tot Ion:105 Resp: 13573
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.2 66.6



#90
 Hexachloroethane
 Concen: Below Cal
 RT: 13.89 min Scan# 3825
 Delta R.T. 0.01 min
 Lab File: VN049300.D
 Acq: 16 Jun 2018 9:52

Tgt Ion:117 Resp: 563
 Ion Ratio Lower Upper
 117 100
 201 0.0 40.1 120.2#

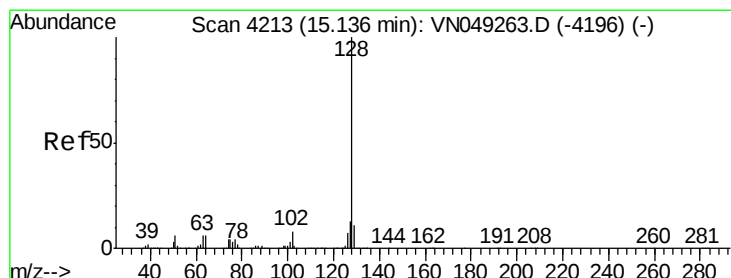
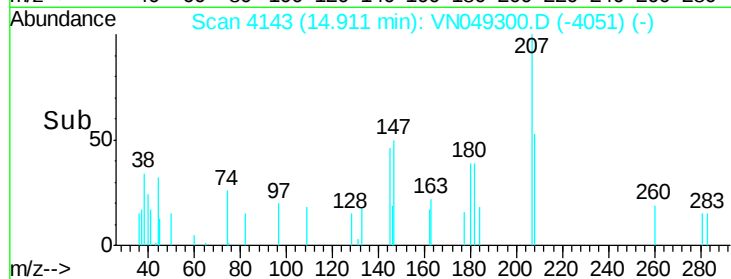
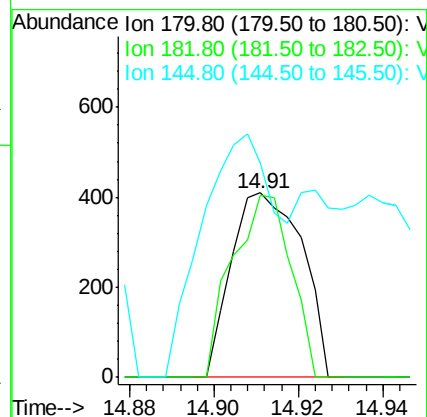
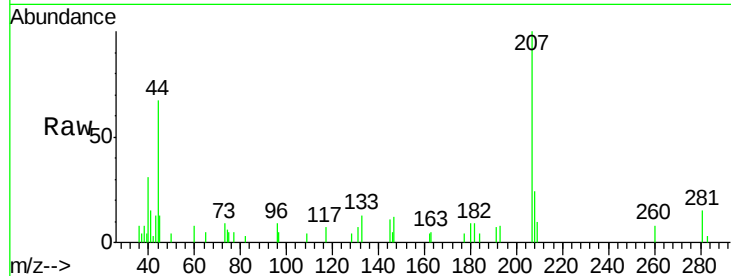




#93
 1,2,4-Trichlorobenzene
 Concen: 4.79 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. -0.00 min
 Lab File: VN049300.D
 Acq: 16 Jun 2018 9:52

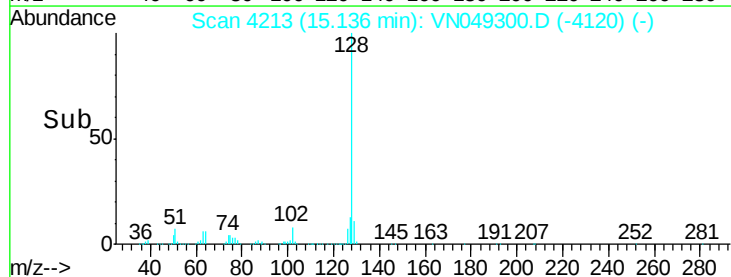
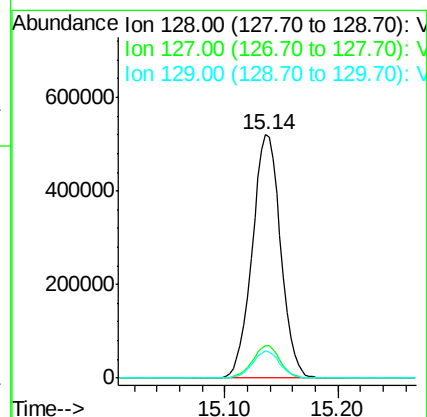
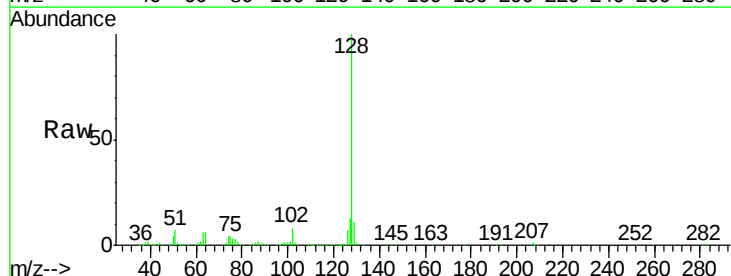
Instrument :
 MSVOA_N
 ClientSampled :

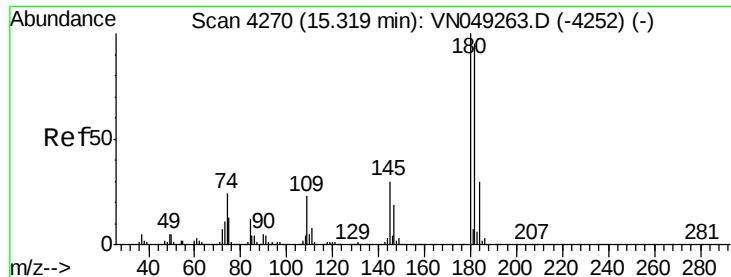
Tot Ion:180 Resp: 478
 Ion Ratio Lower Upper
 180 100
 182 82.2 46.9 140.8
 145 141.4 14.7 44.1#



#95
 Naphthalene
 Concen: 50.64 ug/l
 RT: 15.14 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN049300.D
 Acq: 16 Jun 2018 9:52

Tgt Ion:128 Resp: 909003
 Ion Ratio Lower Upper
 128 100
 127 13.1 10.6 16.0
 129 10.8 8.5 12.7





#96
 1,2,3-Trichlorobenzene
 Concen: 3.49 ug/l
 RT: 15.32 min Scan# 4270
 Delta R.T. 0.00 min
 Lab File: VN049300.D
 Acq: 16 Jun 2018 9:52

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	133.0	47.3	141.8
145	196.4	15.6	46.7

