

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062618\
 Data File : VN049552.D
 Acq On : 26 Jun 2018 15:05
 Operator : MD\SY
 Sample : J3241-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 27 01:02:46 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	1341165	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2134257	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1785936	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	789203	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	860562	48.38	ug/l	0.00
Spiked Amount			Recovery	=	96.76%	
35) Dibromofluoromethane	7.59	113	774032	44.83	ug/l	0.00
Spiked Amount			Recovery	=	89.66%	
50) Toluene-d8	10.09	98	2897235	44.07	ug/l	0.00
Spiked Amount			Recovery	=	88.14%	
62) 4-Bromofluorobenzene	12.40	95	889054	40.90	ug/l	0.00
Spiked Amount			Recovery	=	81.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.40	74	2660	0.29	ug/l	91
11) Tert butyl alcohol	4.78	59	250	0.24	ug/l #	70
13) Acrolein	3.61	56	2525	2.31	ug/l #	22
16) Acetone	3.82	43	170145	39.39	ug/l	95
17) Carbon Disulfide	4.05	76	16375	0.34	ug/l	96
18) Methyl Acetate	4.33	43	253283	19.23	ug/l	95
20) Methylene Chloride	4.55	84	1740619	96.49	ug/l	91
25) 2-Butanone	6.83	43	4611	0.80	ug/l	94
29) Tetrahydrofuran	7.21	42	1289	0.35	ug/l #	78
30) Chloroform	7.37	83	18242	0.59	ug/l	85
31) Cyclohexane	7.66	56	23682	0.73	ug/l #	1
32) 1,1,1-Trichloroethane	7.57	97	7531	0.29	ug/l #	35
36) 1,1-Dichloropropene	7.66	75	91817	3.75	ug/l #	51
38) Carbon Tetrachloride	7.67	117	117219	4.63	ug/l #	17
43) Isopropyl Acetate	8.32	43	1835374	72.24	ug/l #	64
44) Trichloroethene	8.84	130	153205	7.74	ug/l	92
47) Bromodichloromethane	9.40	83	9053	0.36	ug/l #	95
49) 1,4-Dioxane	9.21	88	343	2.08	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	5128	0.39	ug/l	89
52) Toluene	10.16	92	11852	0.27	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	29	14.33	ug/l #	51
64) Tetrachloroethene	10.63	164	18539	1.01	ug/l	98
67) Ethyl Benzene	11.51	91	25882	0.34	ug/l #	88
68) m/p-Xylenes	11.62	106	49576	1.73	ug/l	90
69) o-Xylene	11.95	106	19165	0.69	ug/l	79
70) Styrene	11.97	104	8704	0.20	ug/l #	74
74) N-amyl acetate	12.04	43	4805	0.28	ug/l #	50
75) 1,1,2,2-Tetrachloroethane	12.51	83	462	Below	Cal #	67
76) 1,2,3-Trichloropropane	12.40	75	425436	31.59	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	23436	0.43	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	425436	99.85	ug/l #	8
84) 1,2,4-Trimethylbenzene	13.04	105	31431	0.58	ug/l	93
90) Hexachloroethane	13.89	117	2207	Below	Cal #	9
93) 1,2,4-Trichlorobenzene	14.91	180	1624	4.85	ug/l #	34

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QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration

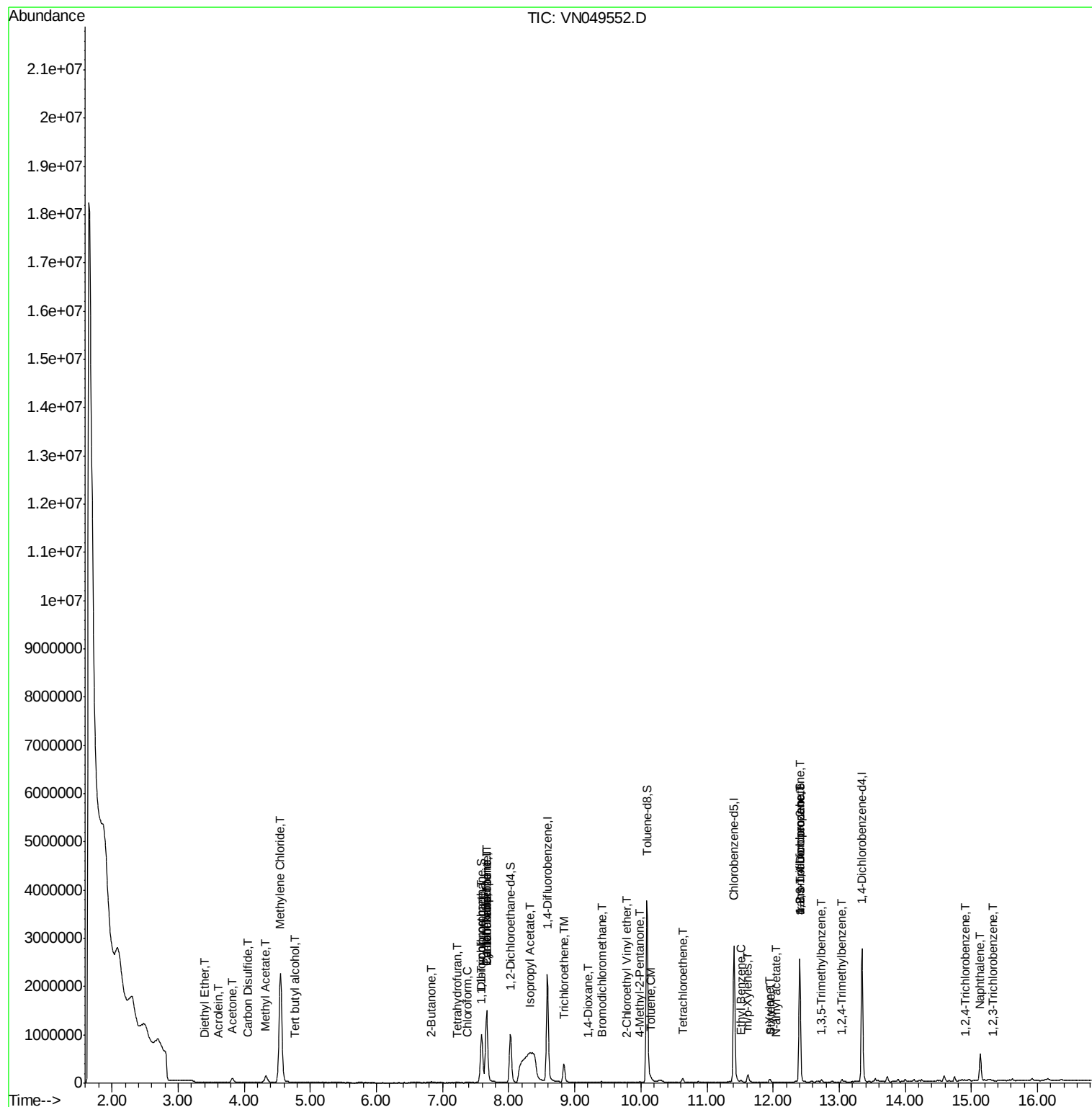
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.01	225	404	Below Cal	#	40
95) Naphthalene	15.13	128	492991	23.27	ug/l	100
96) 1,2,3-Trichlorobenzene	15.33	180	1384	3.55	ug/l #	30

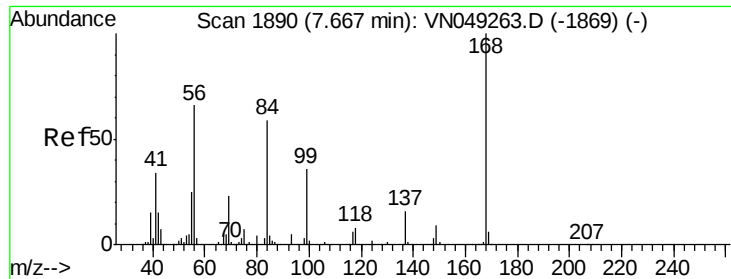
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049552.D

Acq: 26 Jun 2018 15:05

Instrument :

MSVOA_N

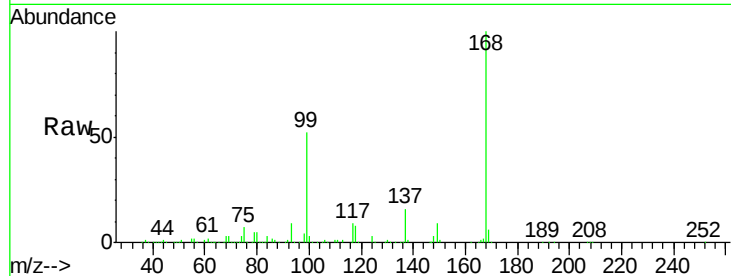
ClientSampleId :

Tot Ion:168 Resp: 1341165

Ion Ratio Lower Upper

168 100

99 51.6 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

600000

500000

400000

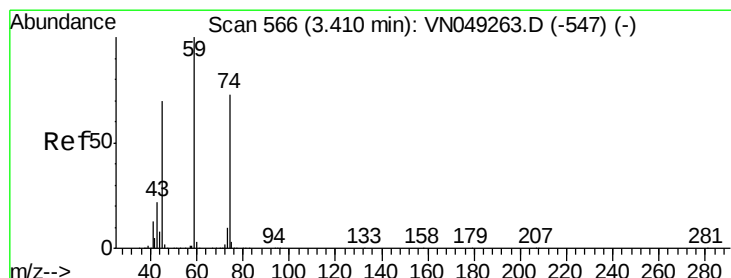
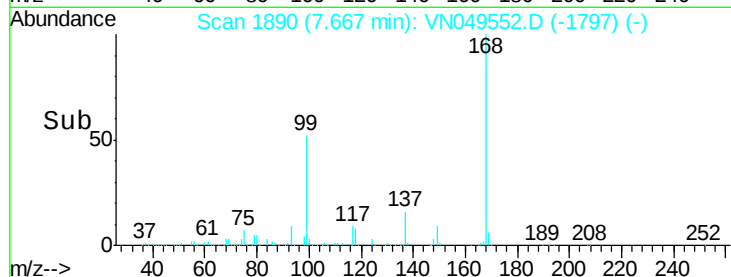
300000

200000

100000

0

Time-->



#8

Diethyl Ether

Concen: 0.29 ug/l

RT: 3.40 min Scan# 564

Delta R.T. -0.01 min

Lab File: VN049552.D

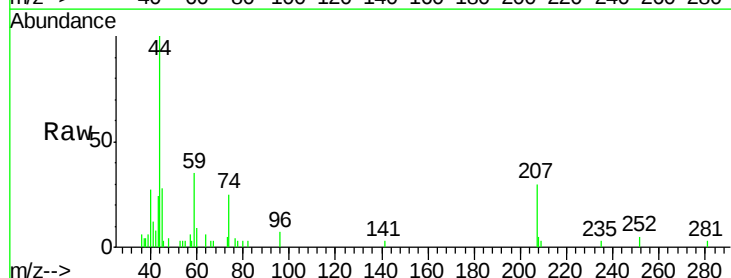
Acq: 26 Jun 2018 15:05

Tgt Ion: 74 Resp: 2660

Ion Ratio Lower Upper

74 100

45 113.0 51.9 155.8



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0

2500

2000

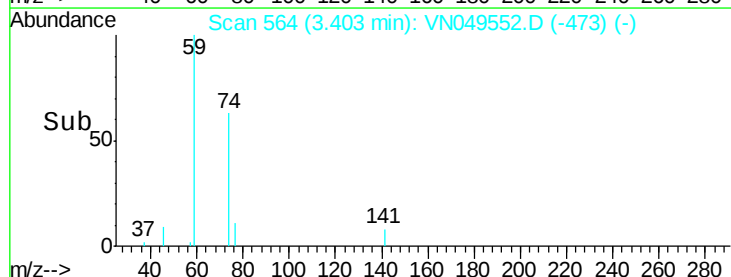
1500

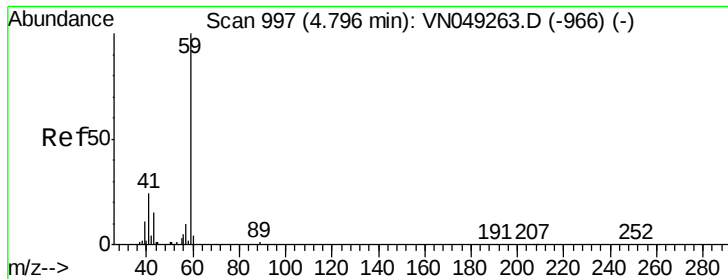
1000

500

0

Time-->



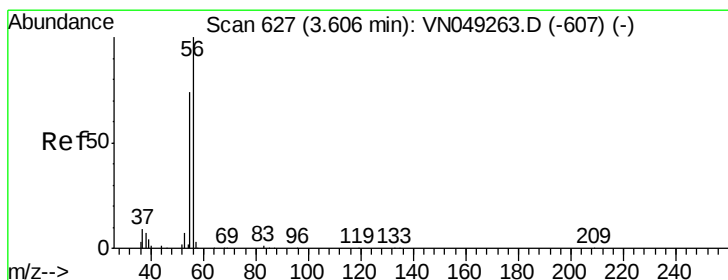
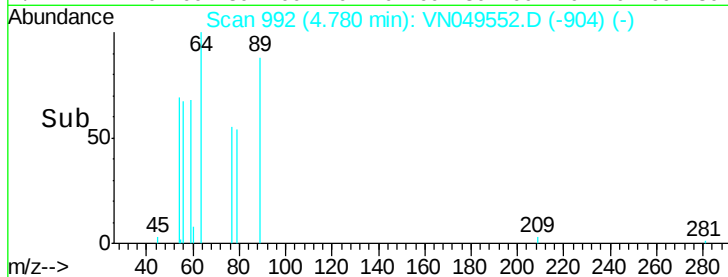
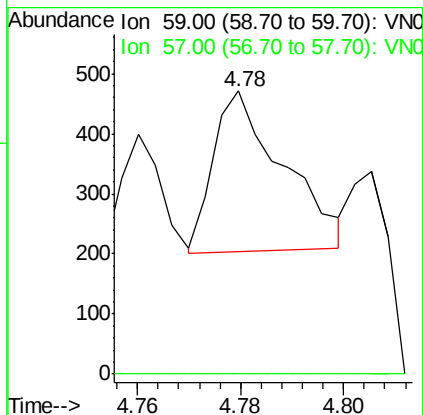
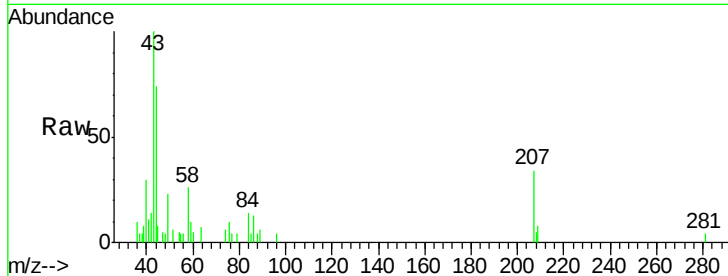


#11

Tert butyl alcohol
 Concen: 0.24 ug/l
 RT: 4.78 min Scan# 992
 Delta R.T. -0.02 min
 Lab File: VN049552.D
 Acq: 26 Jun 2018 15:05

Instrument :
 MSVOA_N
 ClientSampled :

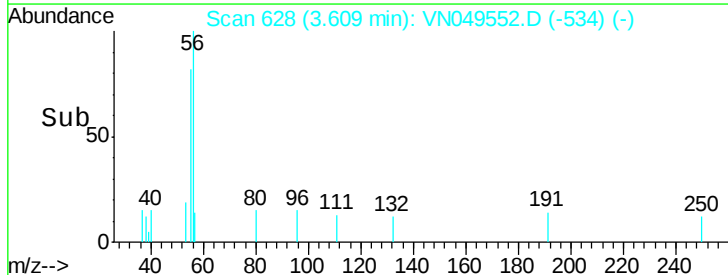
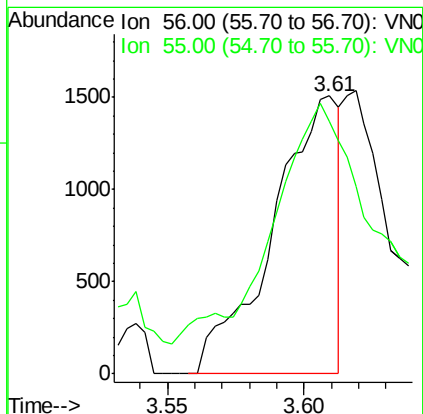
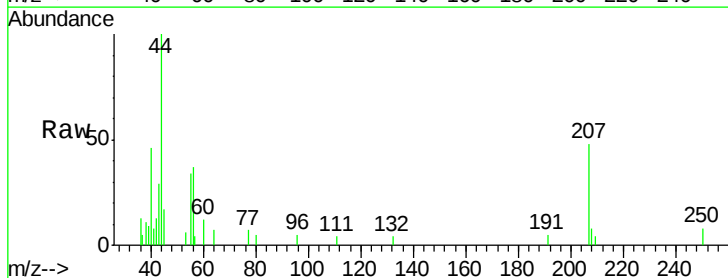
Tot Ion: 59 Resp: 250
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.0 13.6#

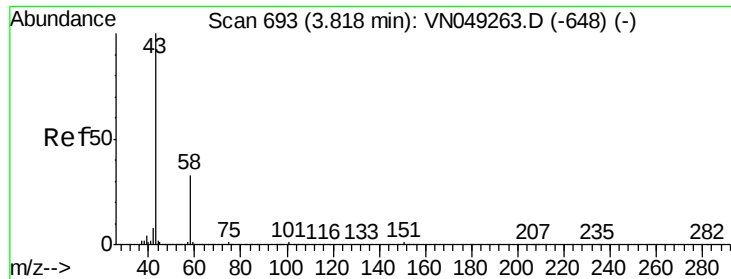


#13

Acrolein
 Concen: 2.31 ug/l
 RT: 3.61 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: VN049552.D
 Acq: 26 Jun 2018 15:05

Tgt Ion: 56 Resp: 2525
 Ion Ratio Lower Upper
 56 100
 55 136.4 57.1 85.7#





#16

Acetone

Concen: 39.39 ug/l

RT: 3.82 min Scan# 693

Delta R.T. 0.00 min

Lab File: VN049552.D

Acq: 26 Jun 2018 15:05

Instrument :

MSVOA_N

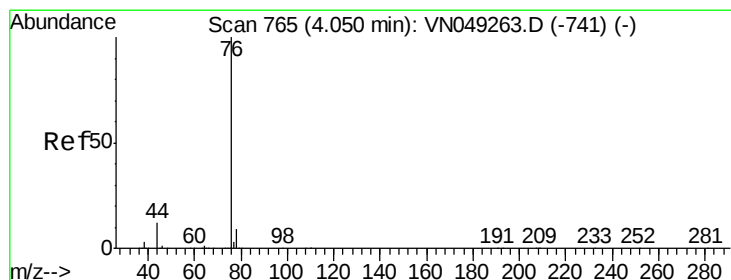
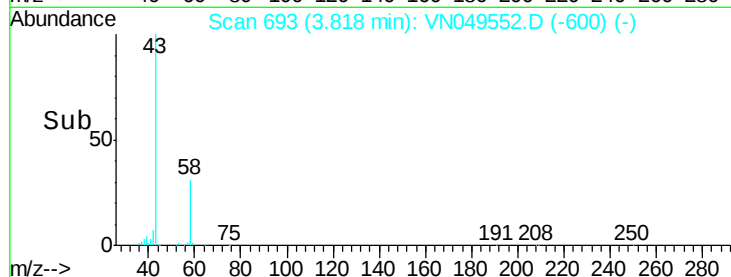
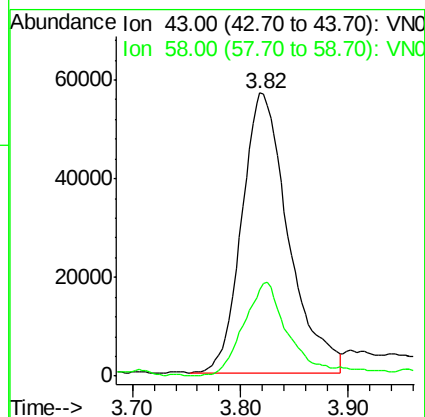
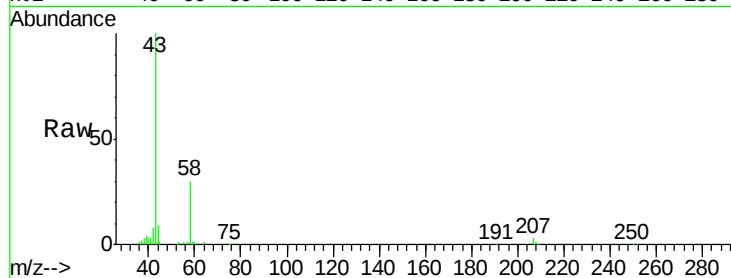
ClientSampleId :

Tot Ion: 43 Resp: 170145

Ion Ratio Lower Upper

43 100

58 30.9 22.4 33.6



#17

Carbon Disulfide

Concen: 0.34 ug/l

RT: 4.05 min Scan# 765

Delta R.T. 0.00 min

Lab File: VN049552.D

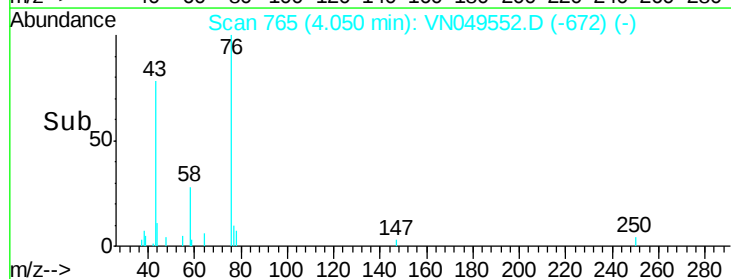
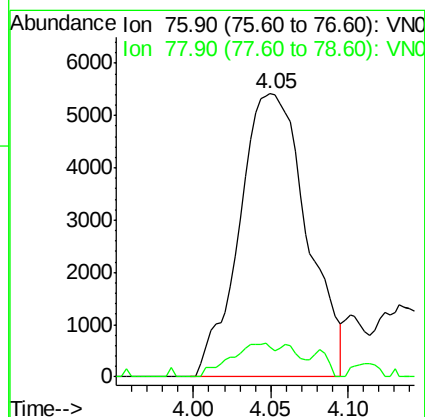
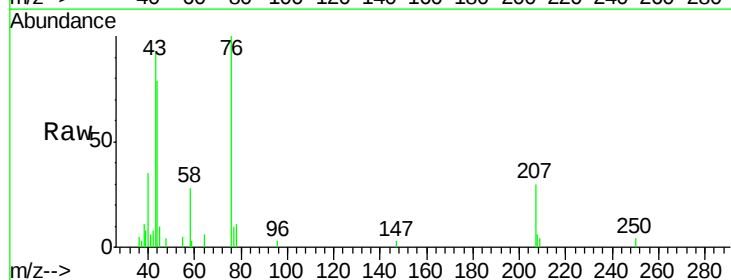
Acq: 26 Jun 2018 15:05

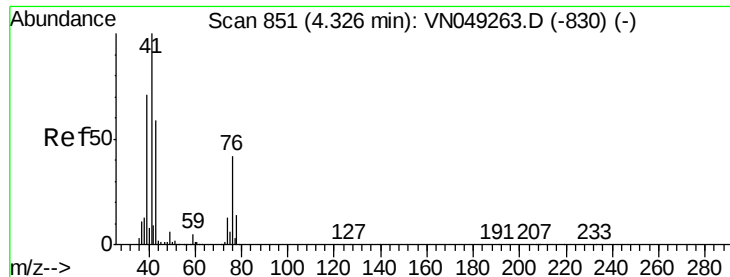
Tgt Ion: 76 Resp: 16375

Ion Ratio Lower Upper

76 100

78 10.7 7.4 11.0





#18

Methvl Acetate

Concen: 19.23 ug/l

RT: 4.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: VN049552.D

Acq: 26 Jun 2018 15:05

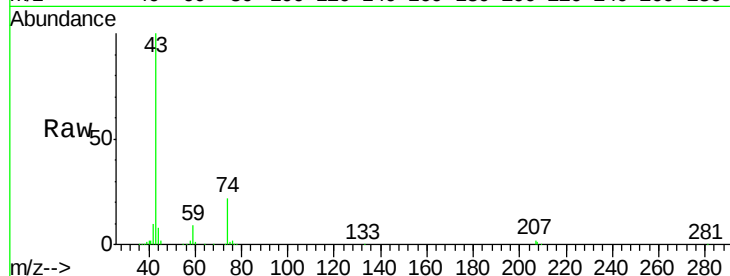
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 253283

Ion Ratio Lower Upper

43 100

74 23.9 17.4 26.0



Abundance Ion 43.00 (42.70 to 43.70): VN049552.D (-758) (-)

Ion 74.00 (73.70 to 74.70): VN049552.D (-758) (-)

4.33

100000

80000

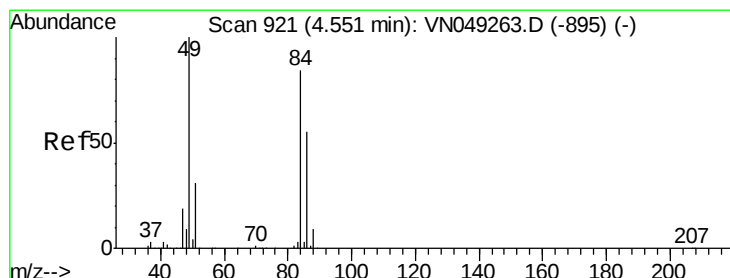
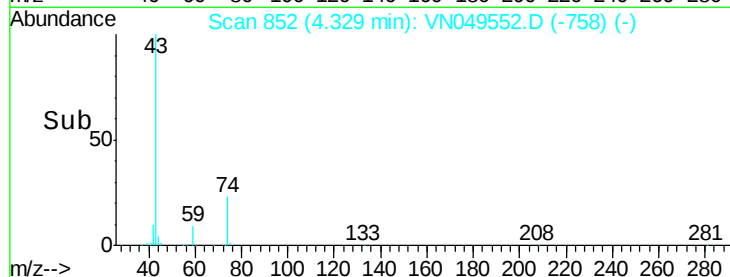
60000

40000

20000

0

Time--> 4.20 4.30 4.40



#20

Methylene Chloride

Concen: 96.49 ug/l

RT: 4.55 min Scan# 920

Delta R.T. -0.00 min

Lab File: VN049552.D

Acq: 26 Jun 2018 15:05

Tgt Ion: 84 Resp: 1740619

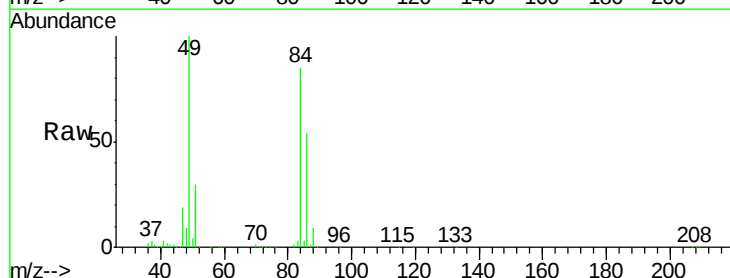
Ion Ratio Lower Upper

84 100

49 118.0 106.9 160.3

51 35.6 32.7 49.1

86 63.6 49.8 74.8



Abundance Ion 83.90 (83.60 to 84.60): VN049552.D (-828) (-)

Ion 48.90 (48.60 to 49.60): VN049552.D (-828) (-)

Ion 50.90 (50.60 to 51.60): VN049552.D (-828) (-)

Ion 85.90 (85.60 to 86.60): VN049552.D (-828) (-)

1000000

800000

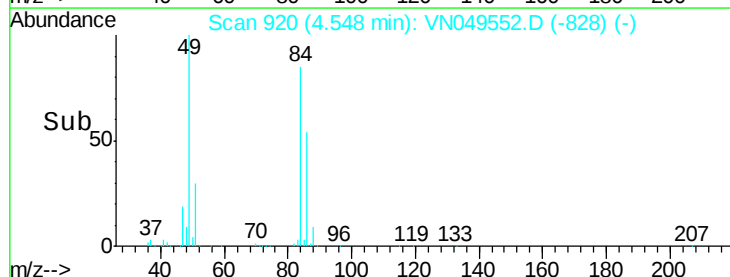
600000

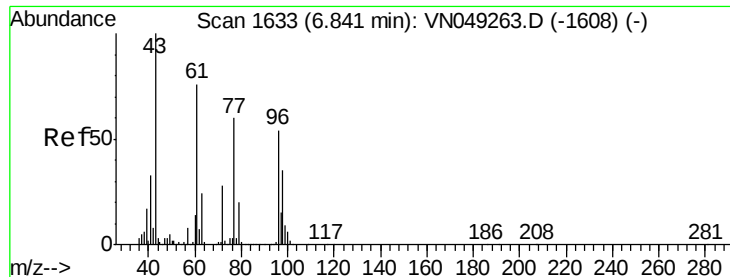
400000

200000

0

Time--> 4.40 4.50 4.60 4.70





#25

2-Butanone

Concen: 0.80 ug/l

RT: 6.83 min Scan# 1631

Delta R.T. -0.01 min

Lab File: VN049552.D

Acq: 26 Jun 2018 15:05

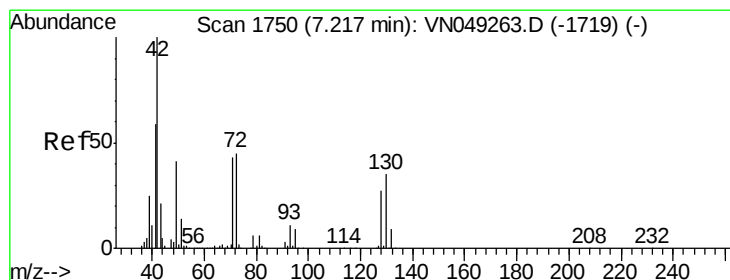
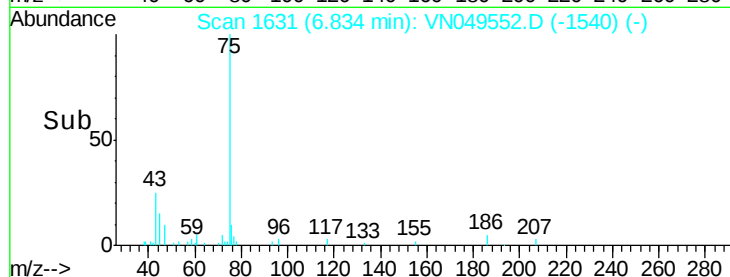
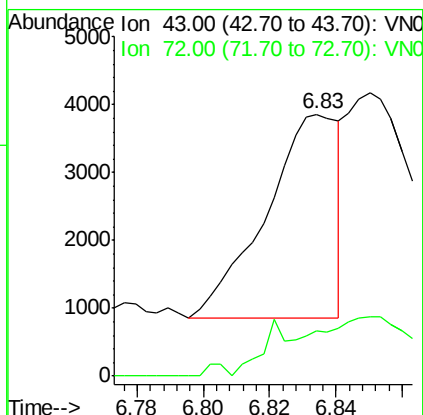
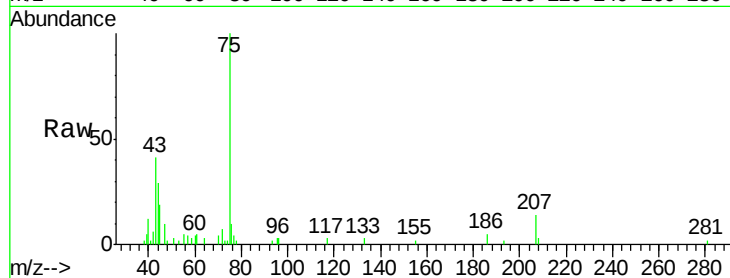
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 4611

Ion Ratio Lower Upper

43 100

72 22.2 20.2 30.2



#29

Tetrahydrofuran

Concen: 0.35 ug/l

RT: 7.21 min Scan# 1748

Delta R.T. -0.01 min

Lab File: VN049552.D

Acq: 26 Jun 2018 15:05

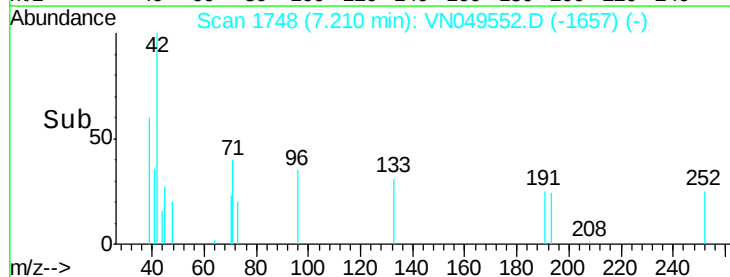
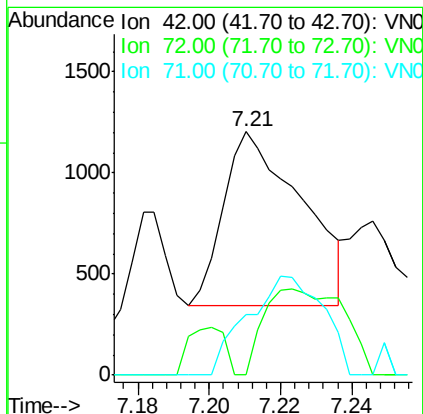
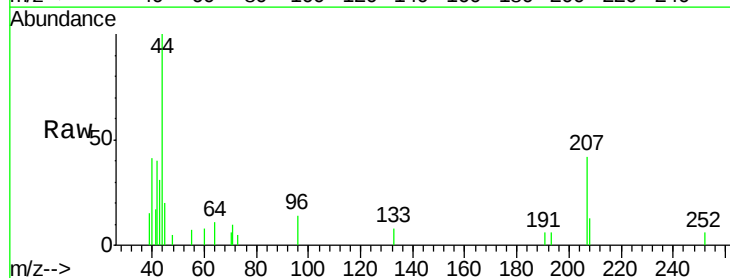
Tgt Ion: 42 Resp: 1289

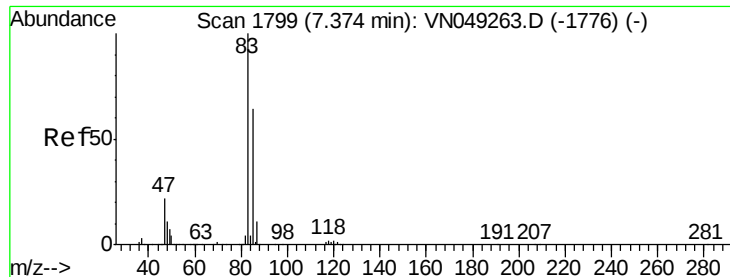
Ion Ratio Lower Upper

42 100

72 50.7 32.2 48.4#

71 55.2 30.5 45.7#





#30

Chloroform

Concen: 0.59 ug/l

RT: 7.37 min Scan# 1797

Delta R.T. -0.01 min

Lab File: VN049552.D

Acq: 26 Jun 2018 15:05

Instrument :

MSVOA_N

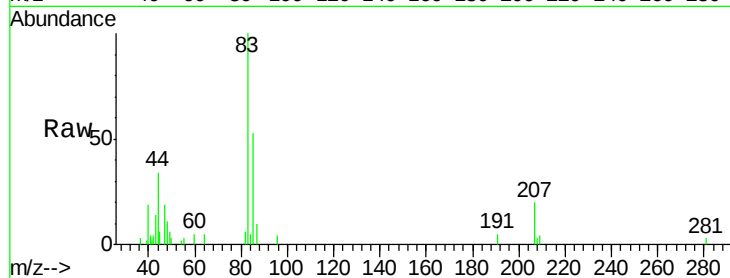
ClientSampleId :

Tot Ion: 83 Resp: 18242

Ion Ratio Lower Upper

83 100

85 52.9 51.7 77.5



Abundance Ion 82.90 (82.60 to 83.60): VN049263.D (-1776) (-)

Ion 84.90 (84.60 to 85.60): VN049263.D (-1776) (-)

7.37

8000

6000

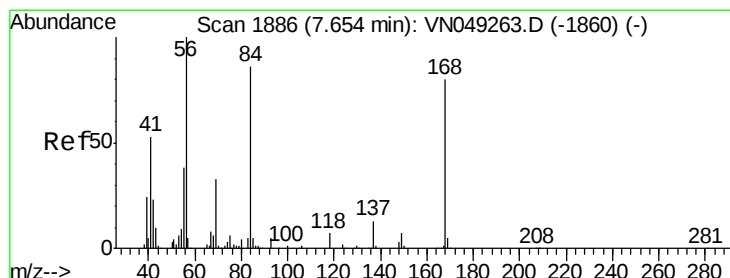
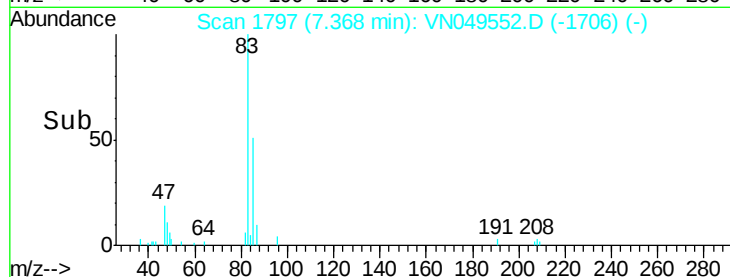
4000

2000

0

7.30 7.35 7.40 7.45

Time-->



#31

Cyclohexane

Concen: 0.73 ug/l

RT: 7.66 min Scan# 1888

Delta R.T. 0.01 min

Lab File: VN049552.D

Acq: 26 Jun 2018 15:05

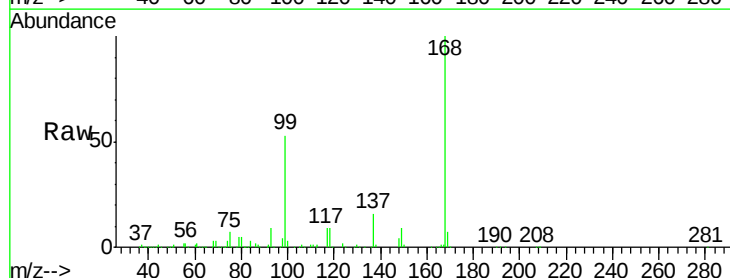
Tgt Ion: 56 Resp: 23682

Ion Ratio Lower Upper

56 100

69 168.3 25.0 37.4#

84 139.9 64.6 96.8#



Abundance Ion 56.00 (55.70 to 56.70): VN049263.D (-1860) (-)

Ion 69.00 (68.70 to 69.70): VN049263.D (-1860) (-)

Ion 84.00 (83.70 to 84.70): VN049263.D (-1860) (-)

20000

15000

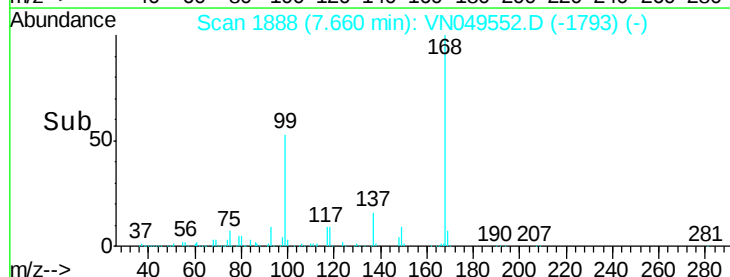
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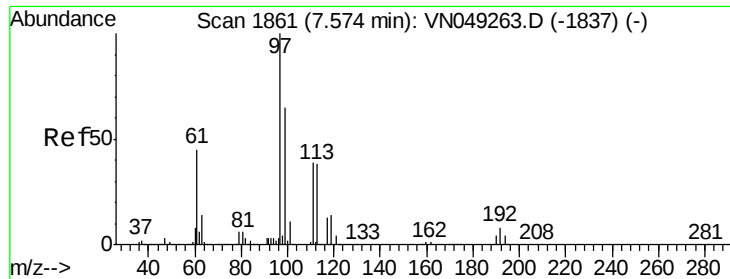
5000

0

7.55 7.60 7.65 7.70 7.75

Time-->





#32

1,1,1-Trichloroethane

Concen: 0.29 ug/l

RT: 7.57 min Scan# 1859

Delta R.T. -0.01 min

Lab File: VN049552.D

Acq: 26 Jun 2018 15:05

Instrument :

MSVOA_N

ClientSampled :

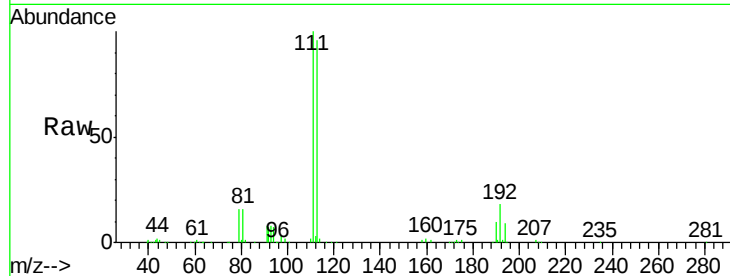
Tot Ion: 97 Resp: 7531

Ion Ratio Lower Upper

97 100

99 0.0 50.5 75.7#

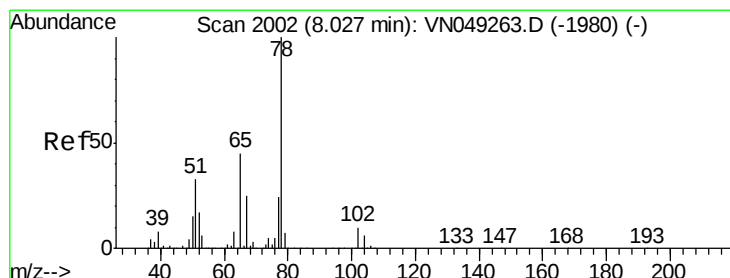
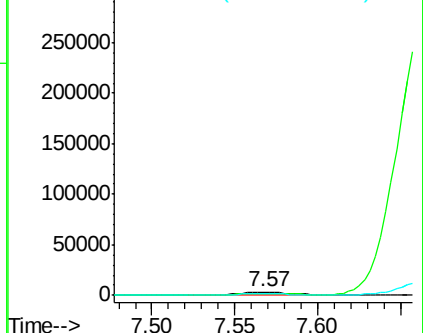
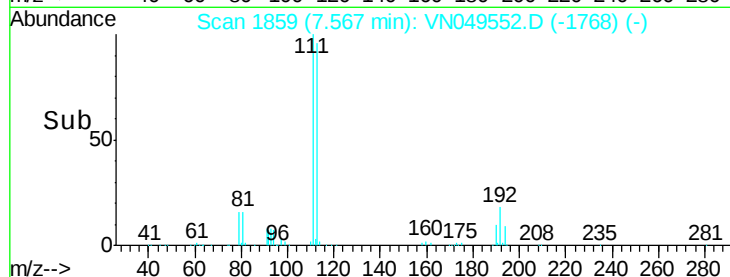
61 19.0 37.9 56.9#



Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 48.38 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. 0.00 min

Lab File: VN049552.D

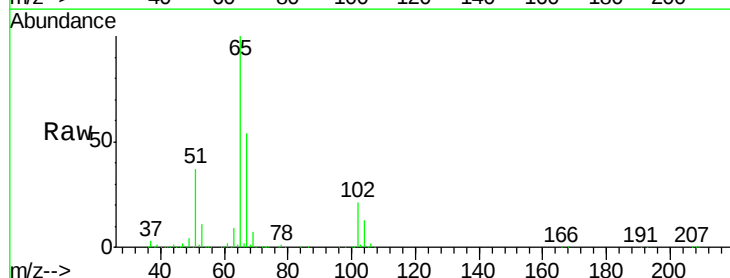
Acq: 26 Jun 2018 15:05

Tgt Ion: 65 Resp: 860562

Ion Ratio Lower Upper

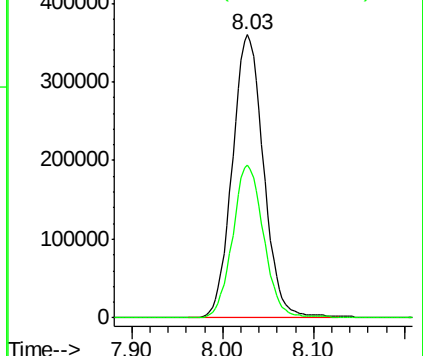
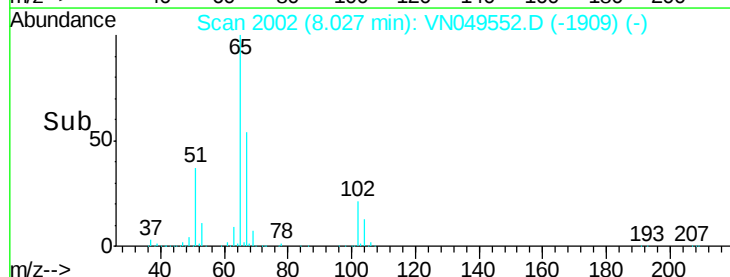
65 100

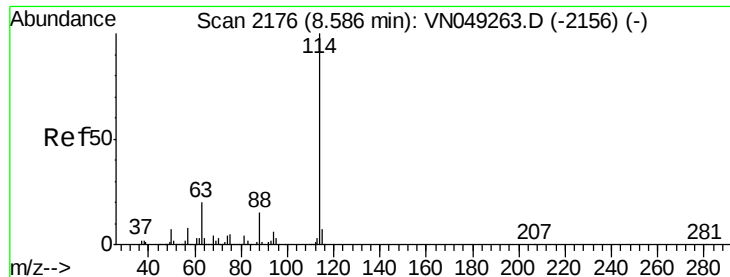
67 53.4 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



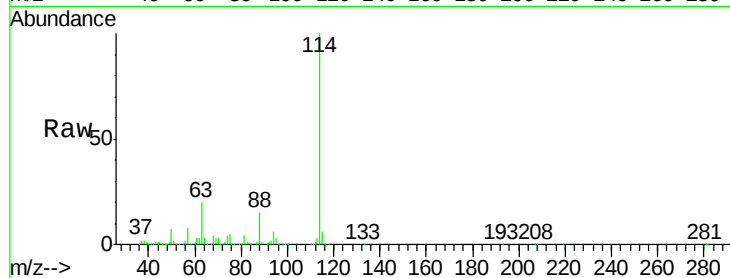


#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049552.D
 Acq: 26 Jun 2018 15:05

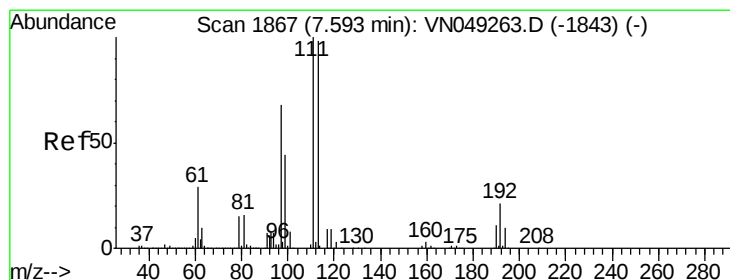
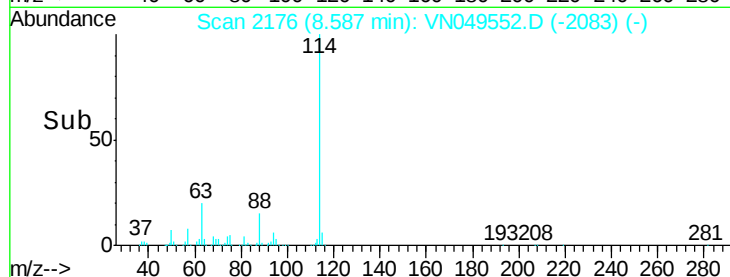
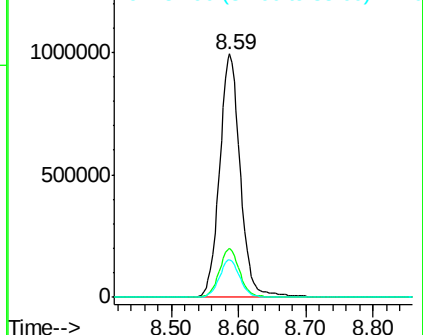
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:114 Resp: 2134257

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	44.4
88	15.5	0.0	31.4



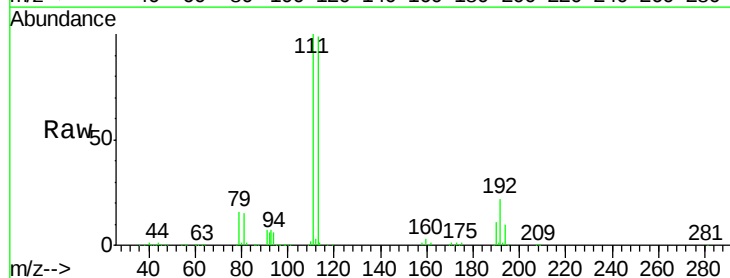
Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V



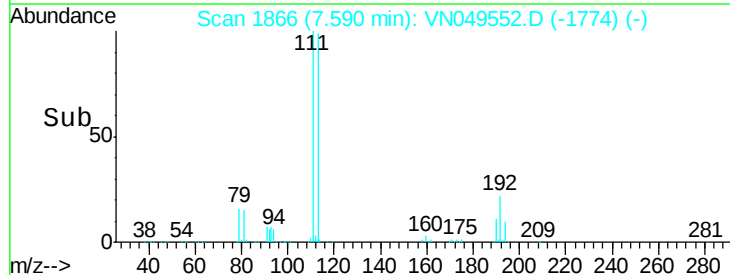
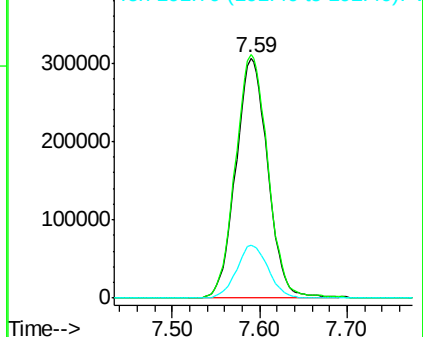
#35
 Dibromofluoromethane
 Concen: 44.83 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN049552.D
 Acq: 26 Jun 2018 15:05

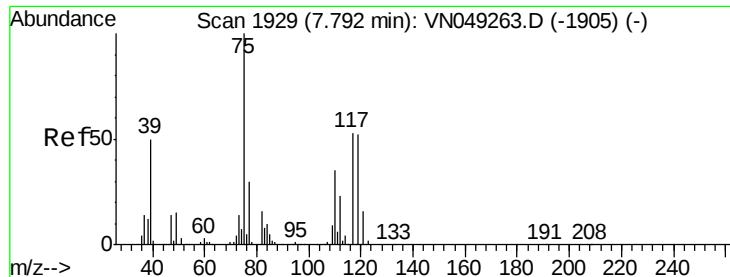
Tgt Ion:113 Resp: 774032

Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.4	123.6
192	22.0	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: 3.75 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. -0.13 min

Lab File: VN049552.D

Acq: 26 Jun 2018 15:05

Instrument :

MSVOA_N

ClientSampleId :

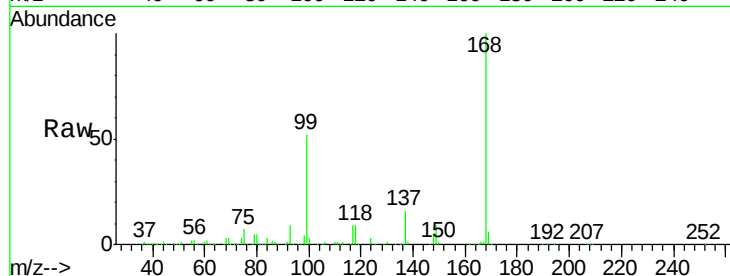
Tot Ion: 75 Resp: 91817

Ion Ratio Lower Upper

75 100

110 9.5 17.0 50.9#

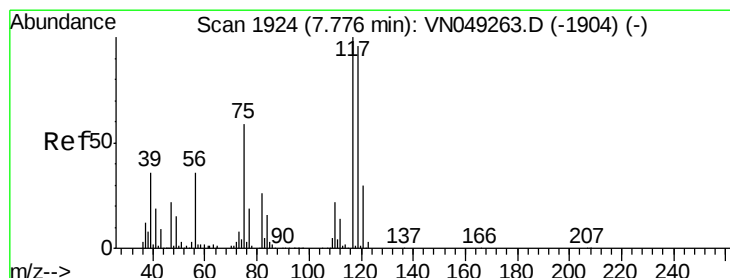
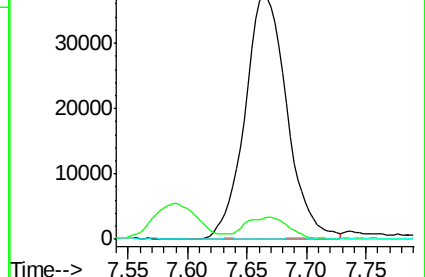
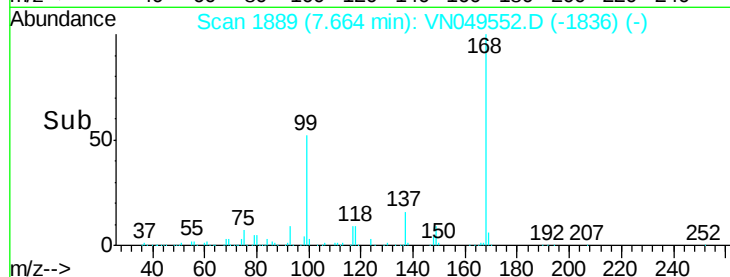
77 0.0 24.4 36.6#



Abundance Ion 74.90 (74.60 to 75.60): VN049552.D (-1836) (-)

Ion 109.90 (109.60 to 110.60): VN049552.D (-1836) (-)

Ion 76.90 (76.60 to 77.60): VN049552.D (-1836) (-)



#38

Carbon Tetrachloride

Concen: 4.63 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.11 min

Lab File: VN049552.D

Acq: 26 Jun 2018 15:05

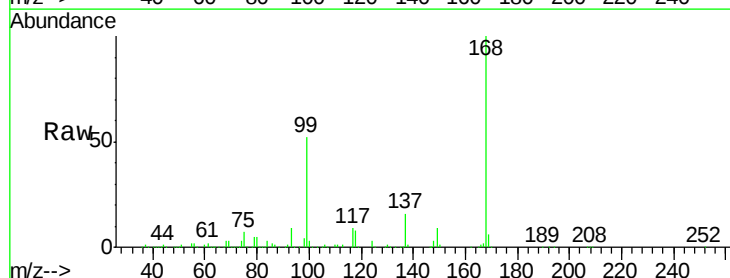
Tgt Ion: 117 Resp: 117219

Ion Ratio Lower Upper

117 100

119 5.4 75.6 113.4#

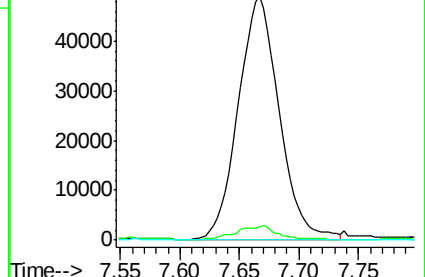
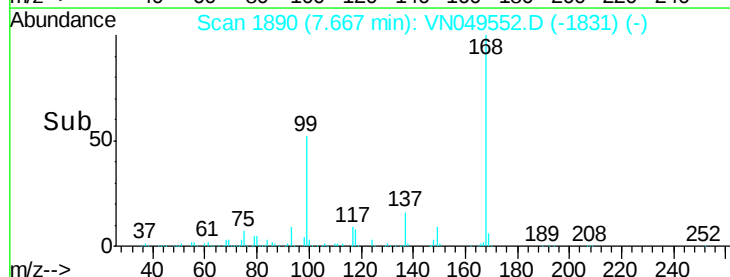
121 0.0 24.7 37.1#

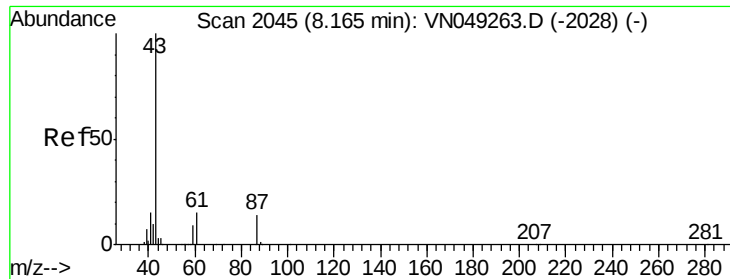


Abundance Ion 116.80 (116.50 to 117.50): VN049552.D (-1831) (-)

Ion 118.80 (118.50 to 119.50): VN049552.D (-1831) (-)

Ion 120.80 (120.50 to 121.50): VN049552.D (-1831) (-)



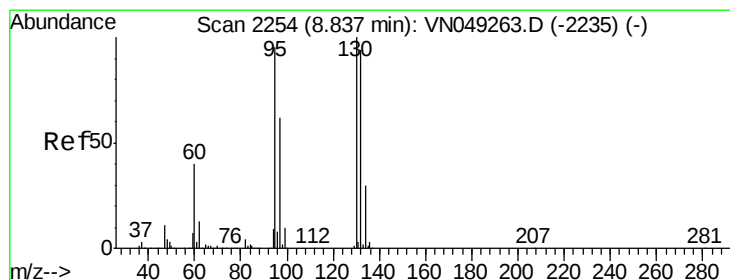
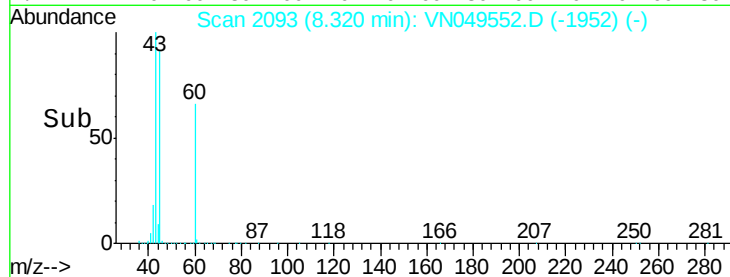
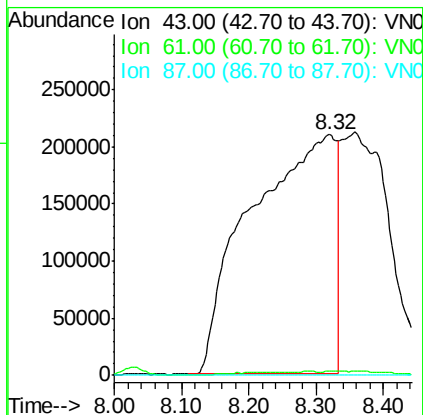
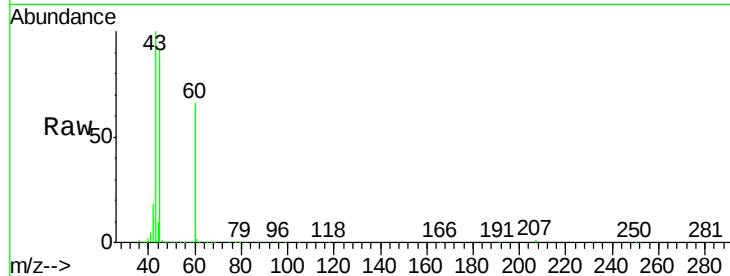


#43

Isopropyl Acetate
 Concen: 72.24 ug/l
 RT: 8.32 min Scan# 2093
 Delta R.T. 0.15 min
 Lab File: VN049552.D
 Acq: 26 Jun 2018 15:05

Instrument :
 MSVOA_N
 ClientSampled :

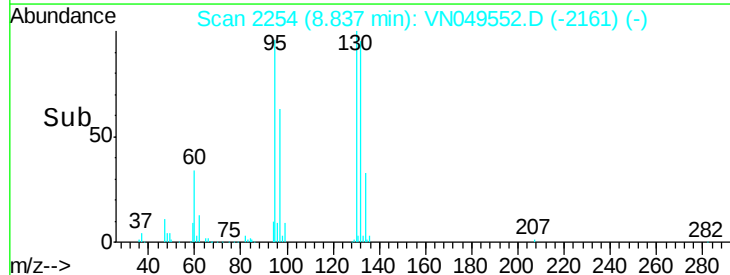
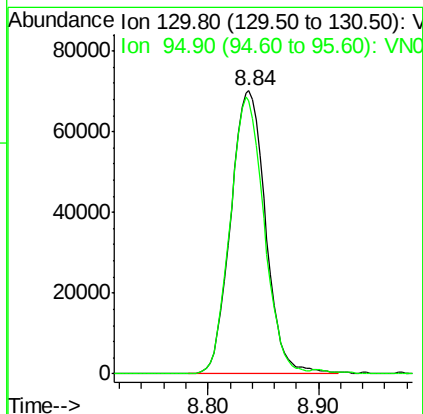
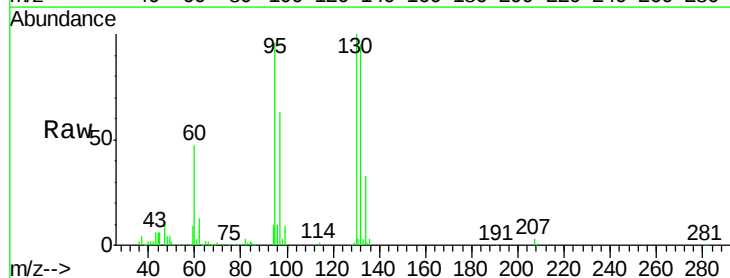
Tot Ion: 43 Resp: 1835374
 Ion Ratio Lower Upper
 43 100
 61 0.1 14.2 21.4#
 87 0.0 9.4 14.0#

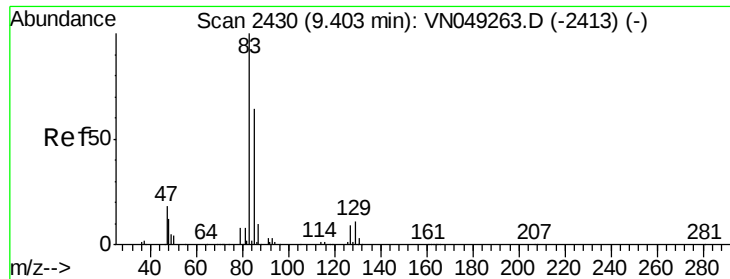


#44

Trichloroethene
 Concen: 7.74 ug/l
 RT: 8.84 min Scan# 2254
 Delta R.T. 0.00 min
 Lab File: VN049552.D
 Acq: 26 Jun 2018 15:05

Tgt Ion:130 Resp: 153205
 Ion Ratio Lower Upper
 130 100
 95 96.4 0.0 208.6





#47

Bromodichloromethane

Concen: 0.36 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN049552.D

Acq: 26 Jun 2018 15:05

Instrument :
MSVOA_N
ClientSampled :

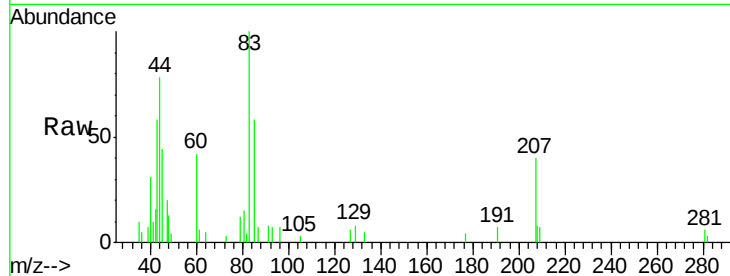
Tot Ion: 83 Resp: 9053

Ion Ratio Lower Upper

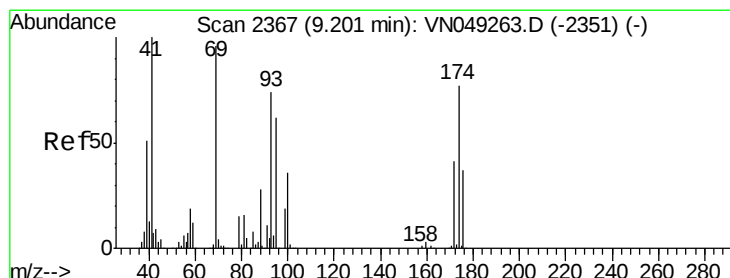
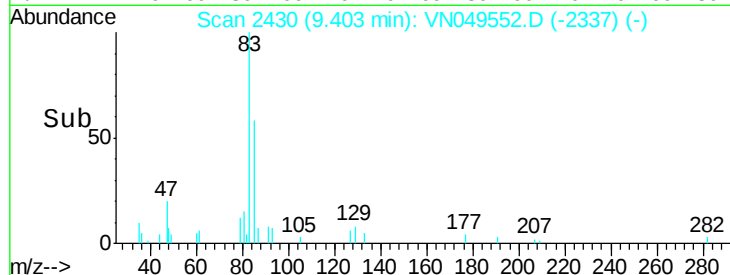
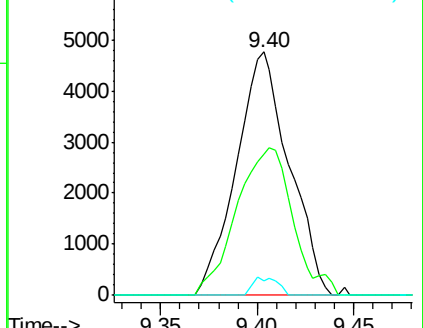
83 100

85 58.0 49.4 74.0

127 6.0 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): VN0



#49

1,4-Dioxane

Concen: 2.08 ug/l

RT: 9.21 min Scan# 2369

Delta R.T. 0.01 min

Lab File: VN049552.D

Acq: 26 Jun 2018 15:05

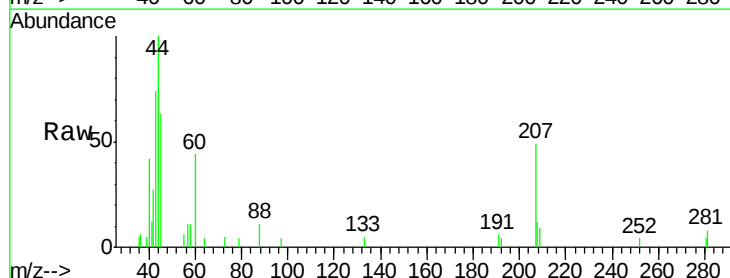
Tgt Ion: 88 Resp: 343

Ion Ratio Lower Upper

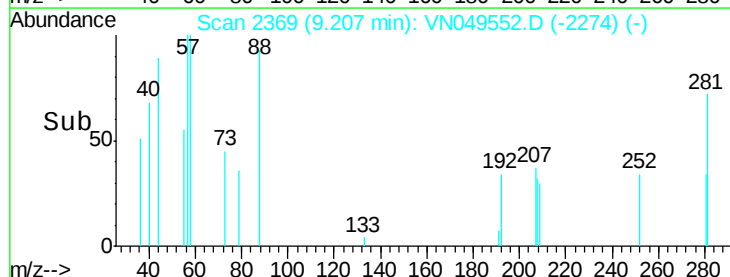
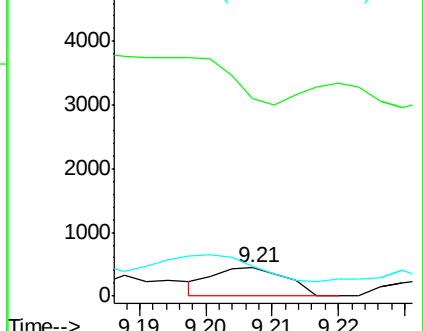
88 100

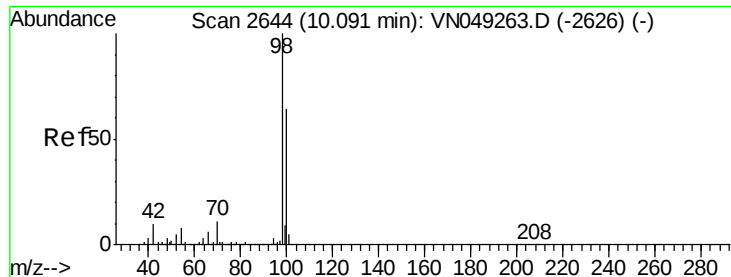
43 0.0 30.9 46.3#

58 237.9 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: 44.07 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049552.D

Acq: 26 Jun 2018 15:05

Instrument :

MSVOA_N

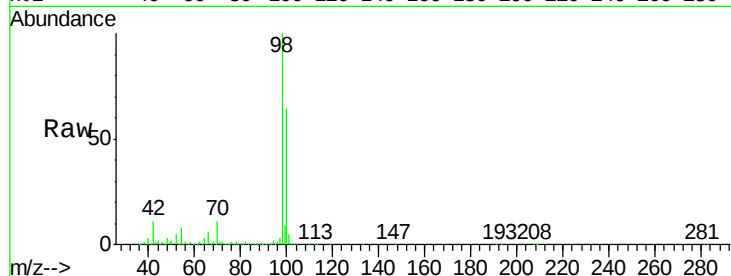
ClientSampleId :

Tot Ion: 98 Resp: 2897235

Ion Ratio Lower Upper

98 100

100 63.6 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN049263.D (-2626) (-)

Ion 100.00 (99.70 to 100.70): VN049263.D (-2626) (-)

10.09

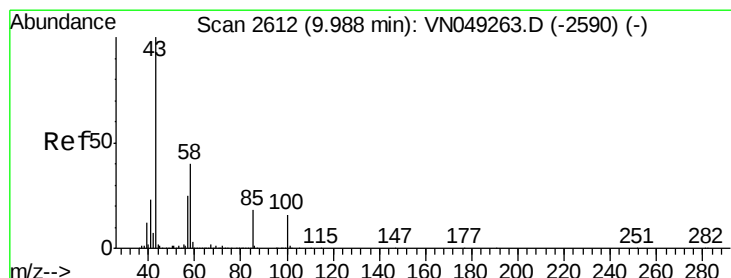
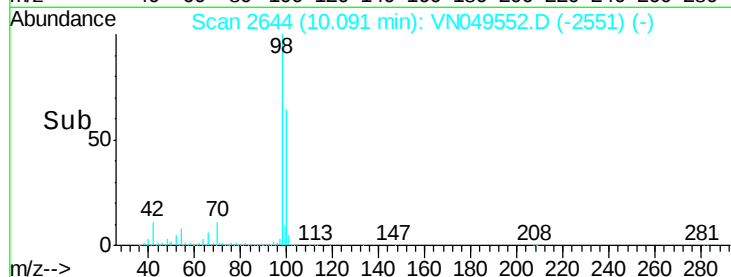
1500000

1000000

500000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.39 ug/l

RT: 9.99 min Scan# 2613

Delta R.T. 0.00 min

Lab File: VN049552.D

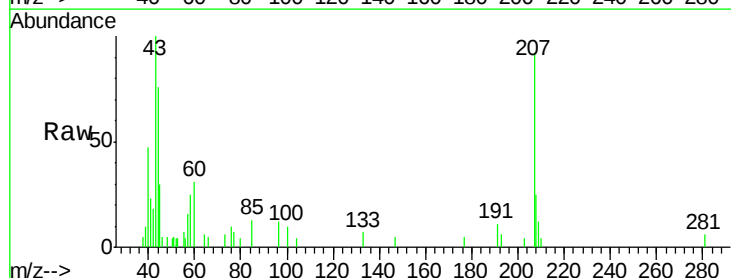
Acq: 26 Jun 2018 15:05

Tgt Ion: 43 Resp: 5128

Ion Ratio Lower Upper

43 100

58 42.9 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN049263.D (-2590) (-)

Ion 58.00 (57.70 to 58.70): VN049263.D (-2590) (-)

9.99

5000

4000

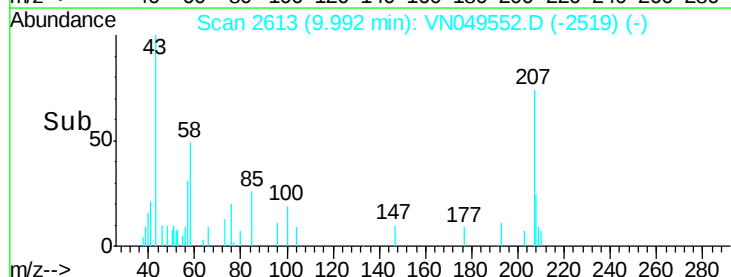
3000

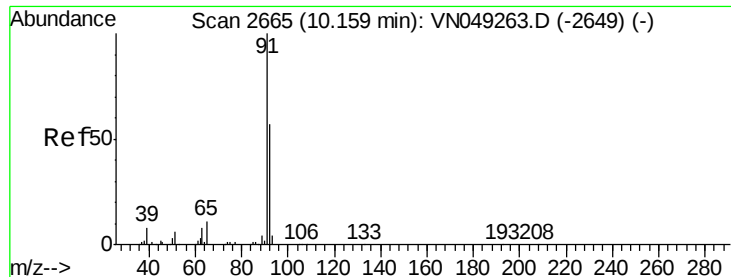
2000

1000

0

Time-->





#52

Toluene

Concen: 0.27 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. -0.00 min

Lab File: VN049552.D

Acq: 26 Jun 2018 15:05

Instrument :

MSVOA_N

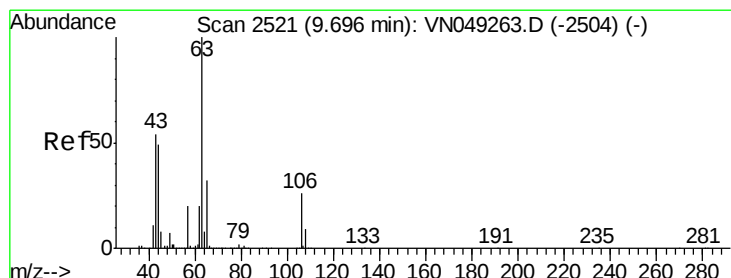
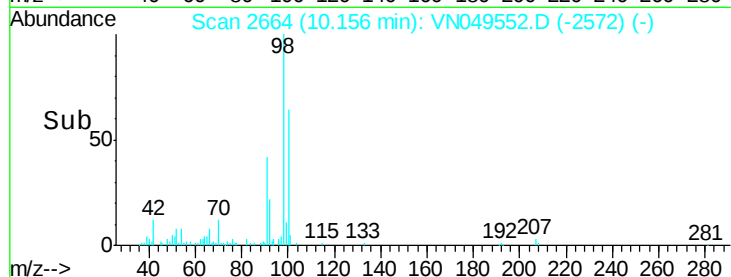
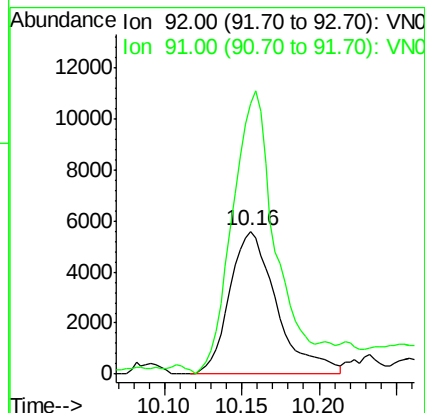
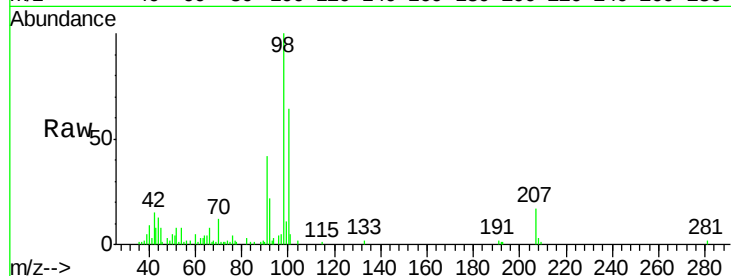
ClientSampled :

Tot Ion: 92 Resp: 11852

Ion Ratio Lower Upper

92 100

91 180.4 143.4 215.2



#58

2-Chloroethyl Vinyl ether

Concen: 14.33 ug/l

RT: 9.79 min Scan# 2549

Delta R.T. 0.09 min

Lab File: VN049552.D

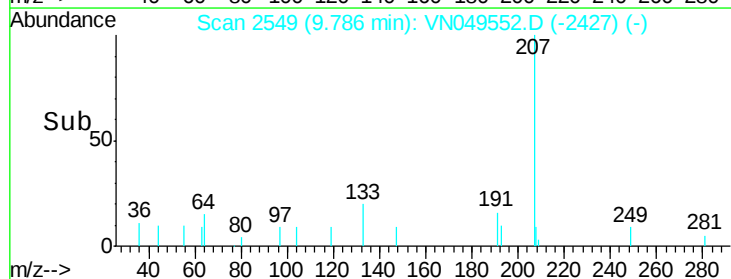
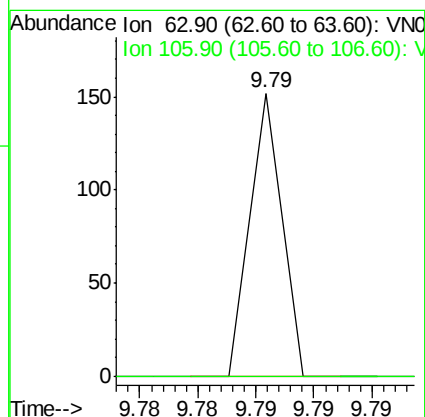
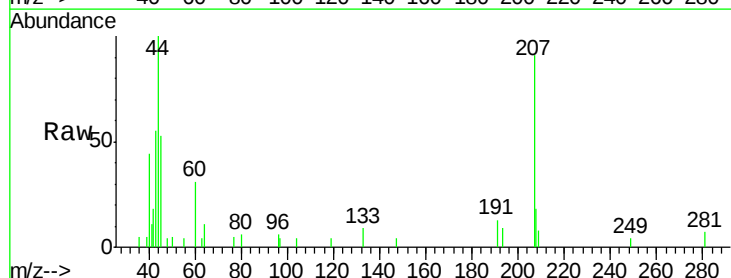
Acq: 26 Jun 2018 15:05

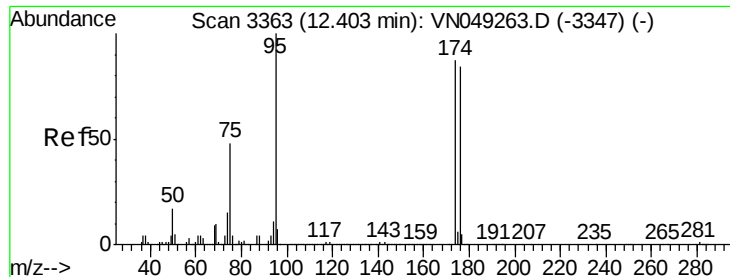
Tgt Ion: 63 Resp: 29

Ion Ratio Lower Upper

63 100

106 0.0 19.4 29.2#





#62

4-Bromofluorobenzene

Concen: 40.90 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049552.D

Acq: 26 Jun 2018 15:05

Instrument :

MSVOA_N

ClientSampleId :

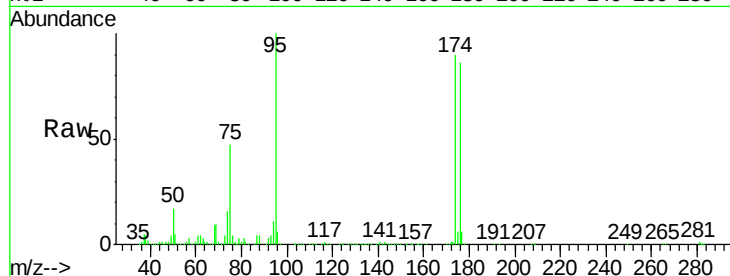
Tot Ion: 95 Resp: 889054

Ion Ratio Lower Upper

95 100

174 89.4 0.0 165.6

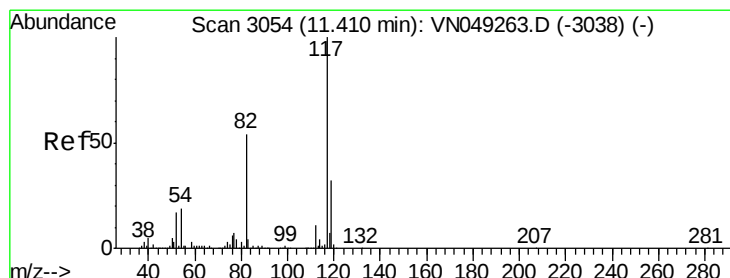
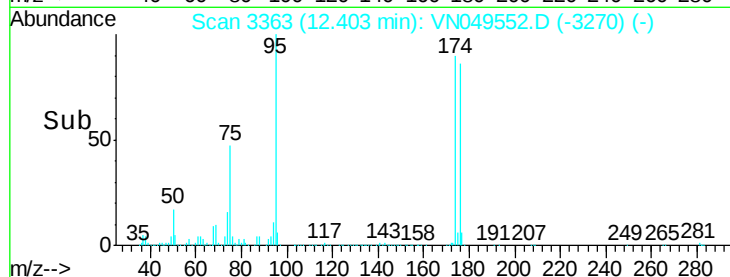
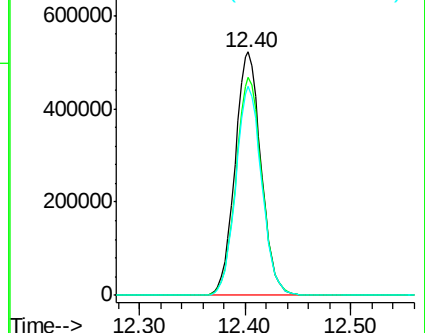
176 85.6 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN049552.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049552.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049552.D (-3270) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049552.D

Acq: 26 Jun 2018 15:05

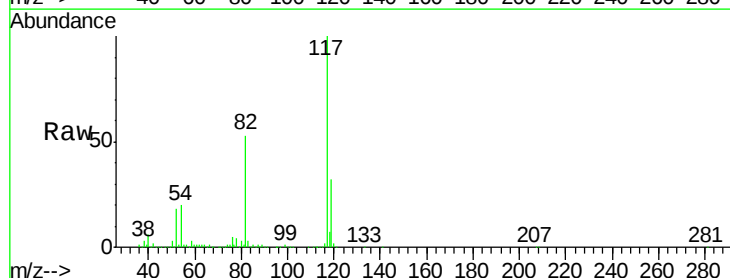
Tgt Ion: 117 Resp: 1785936

Ion Ratio Lower Upper

117 100

82 53.5 45.9 68.9

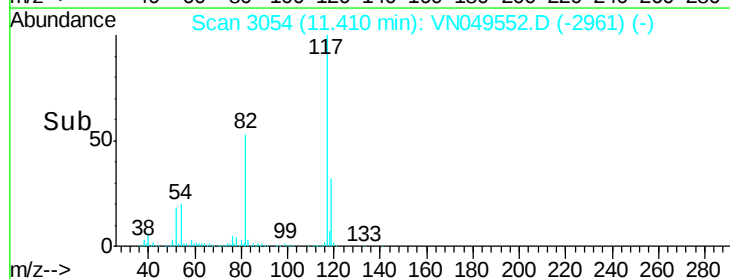
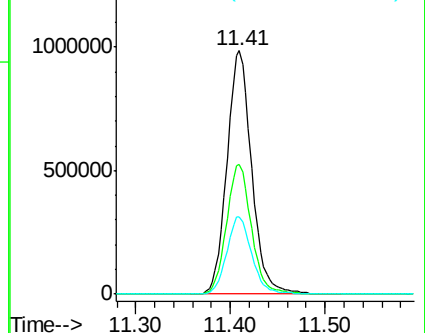
119 31.9 25.5 38.3

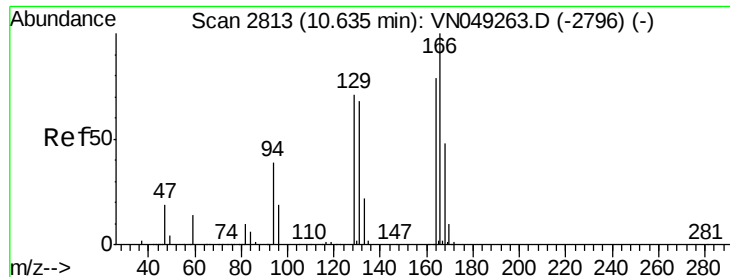


Abundance Ion 116.90 (116.60 to 117.60): VN049552.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049552.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049552.D (-2961) (-)

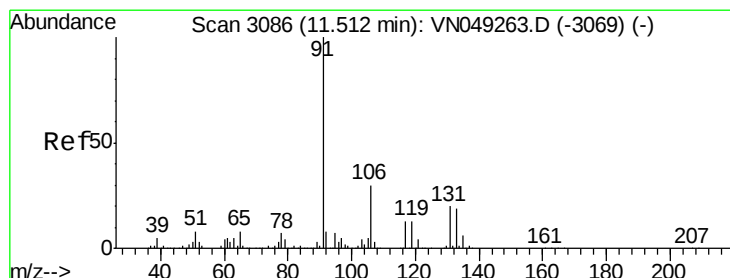
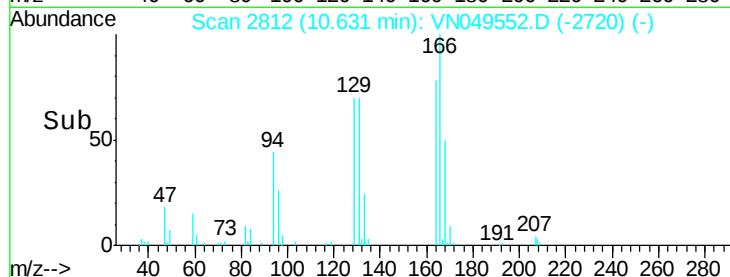
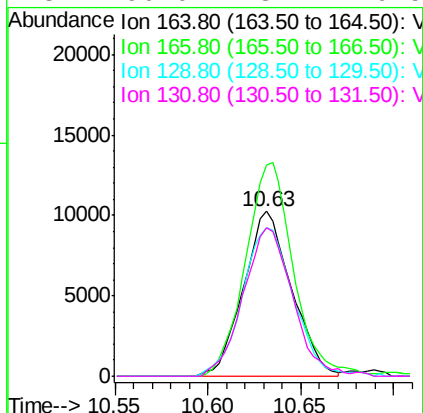
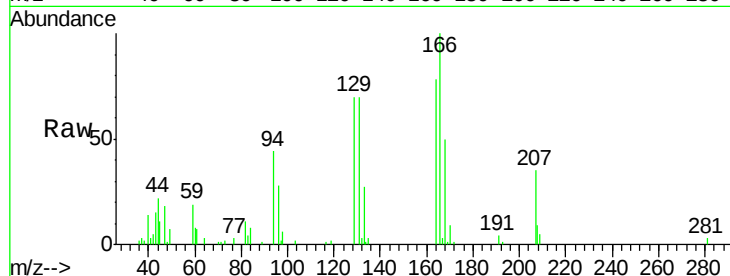




#64
Tetrachloroethene
Concen: 1.01 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN049552.D
Acq: 26 Jun 2018 15:05

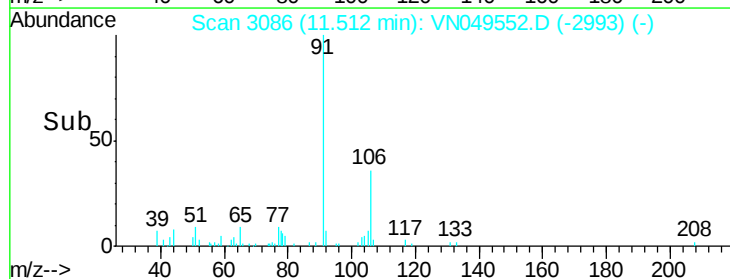
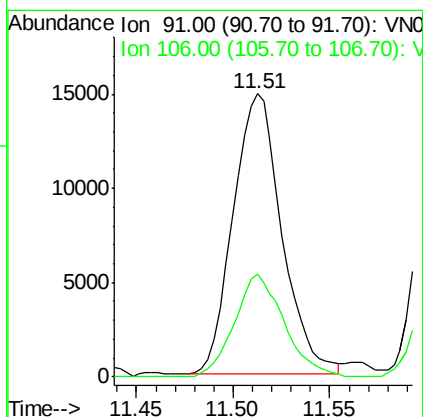
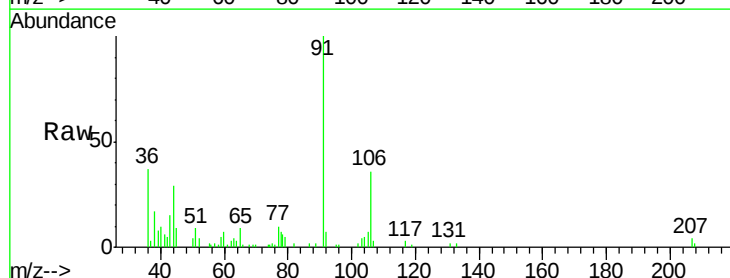
Instrument :
MSVOA_N
ClientSampled :

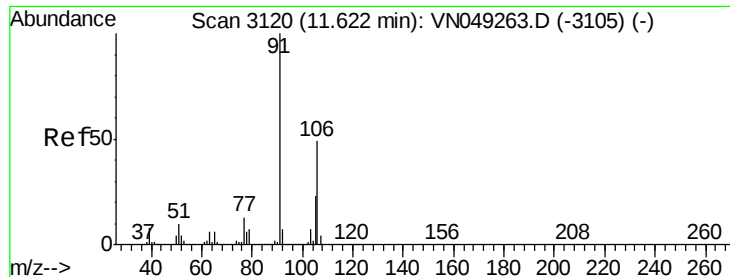
Tot Ion:164 Resp: 18539
Ion Ratio Lower Upper
164 100
166 128.3 101.4 152.2
129 89.9 74.1 111.1
131 90.0 73.7 110.5



#67
Ethyl Benzene
Concen: 0.34 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN049552.D
Acq: 26 Jun 2018 15:05

Tgt Ion: 91 Resp: 25882
Ion Ratio Lower Upper
91 100
106 36.6 23.9 35.9#

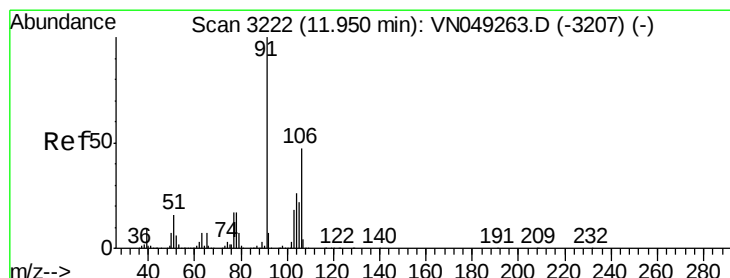
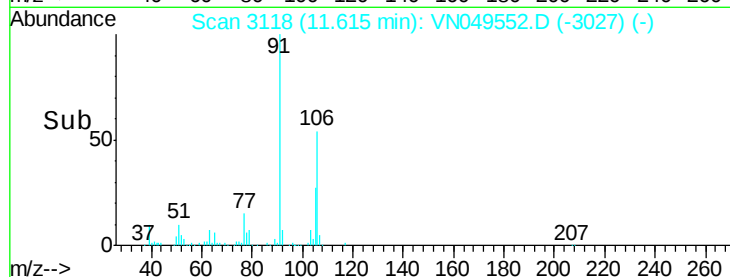
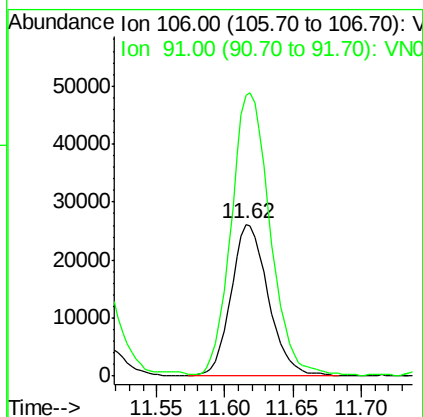
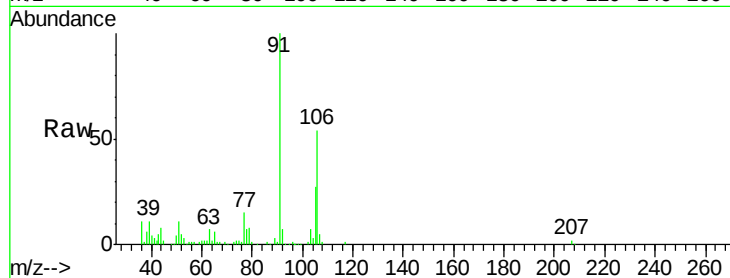




#68
m/p-Xvlenes
Concen: 1.73 ug/l
RT: 11.62 min Scan# 3118
Delta R.T. -0.01 min
Lab File: VN049552.D
Acq: 26 Jun 2018 15:05

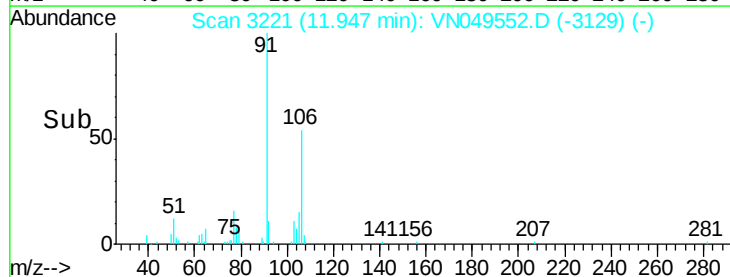
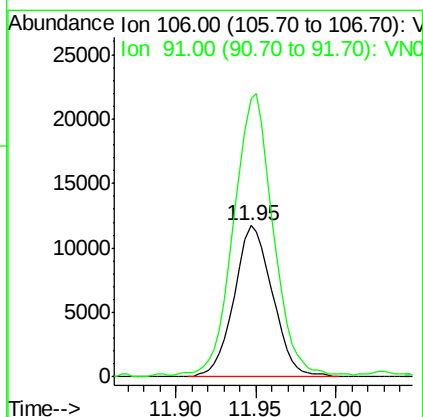
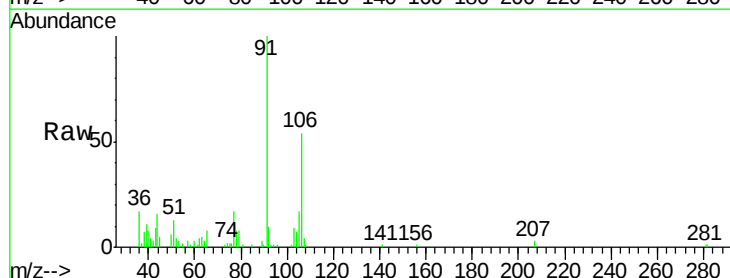
Instrument :
MSVOA_N
ClientSampleId :

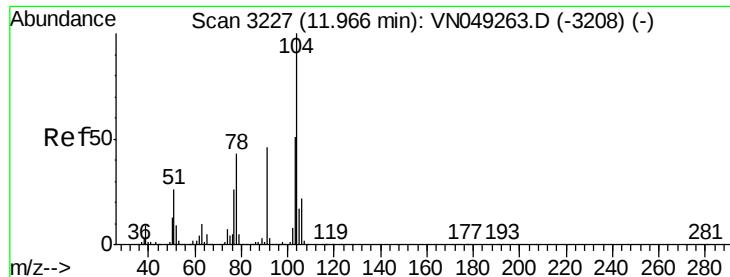
Tot Ion:106 Resp: 49576
Ion Ratio Lower Upper
106 100
91 193.1 167.3 250.9



#69
o-Xylene
Concen: 0.69 ug/l
RT: 11.95 min Scan# 3221
Delta R.T. -0.00 min
Lab File: VN049552.D
Acq: 26 Jun 2018 15:05

Tgt Ion:106 Resp: 19165
Ion Ratio Lower Upper
106 100
91 188.8 111.0 333.0

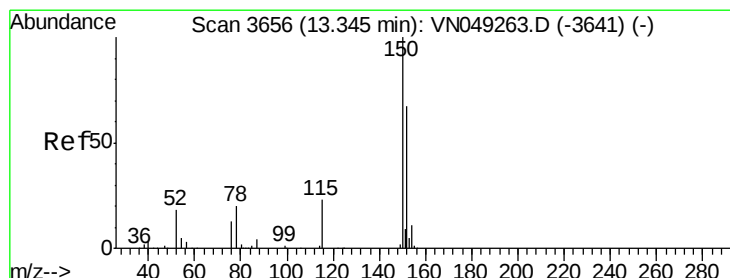
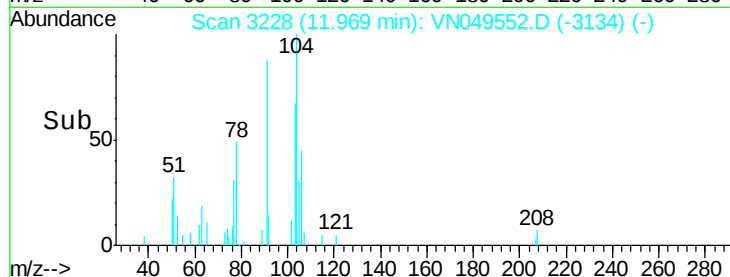
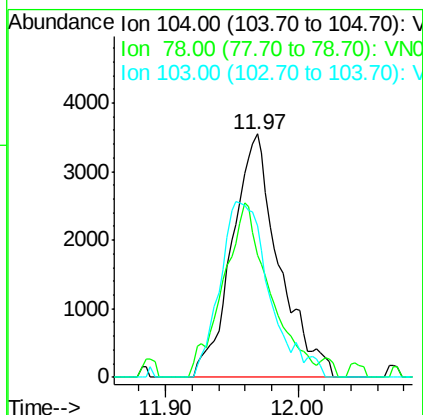
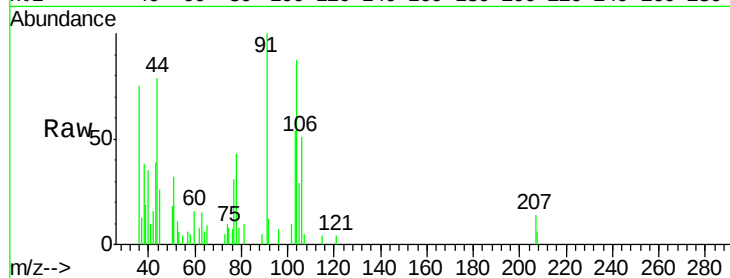




#70
Stvrene
Concen: 0.20 ug/l
RT: 11.97 min Scan# 3228
Delta R.T. 0.00 min
Lab File: VN049552.D
Acq: 26 Jun 2018 15:05

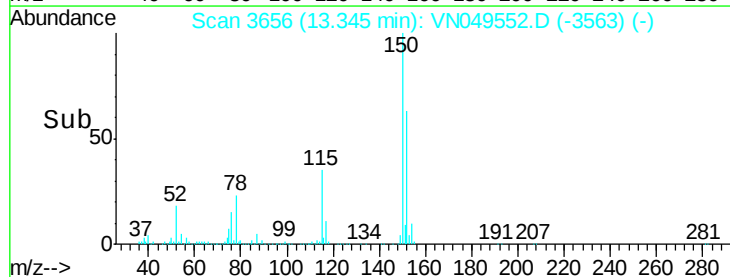
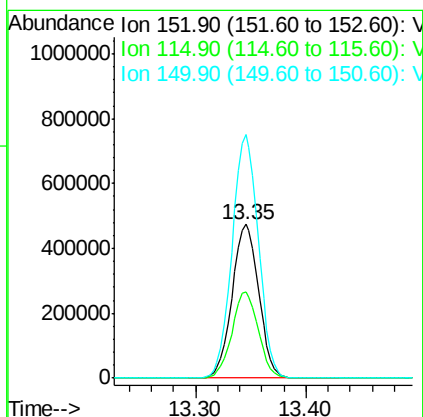
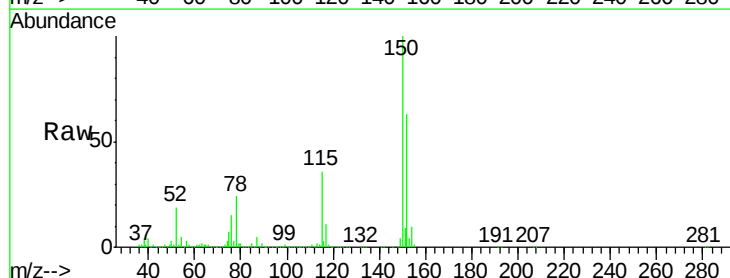
Instrument :
MSVOA_N
ClientSampleId :

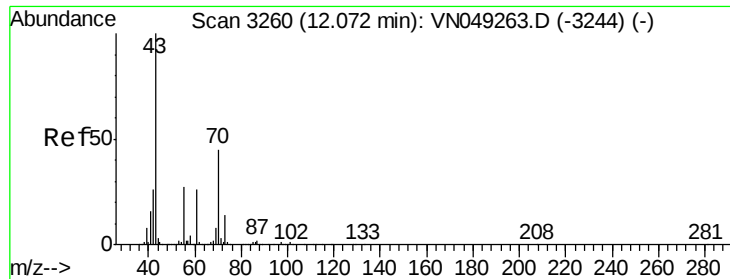
Tot Ion:104 Resp: 8704
Ion Ratio Lower Upper
104 100
78 71.9 41.6 62.4#
103 74.7 45.4 68.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN049552.D
Acq: 26 Jun 2018 15:05

Tgt Ion:152 Resp: 789203
Ion Ratio Lower Upper
152 100
115 55.5 28.7 86.1
150 157.1 0.0 351.0





#74

N-amvl acetate

Concen: 0.28 ug/l

RT: 12.04 min Scan# 3249

Delta R.T. -0.04 min

Lab File: VN049552.D

Acq: 26 Jun 2018 15:05

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 43 Resp: 4805

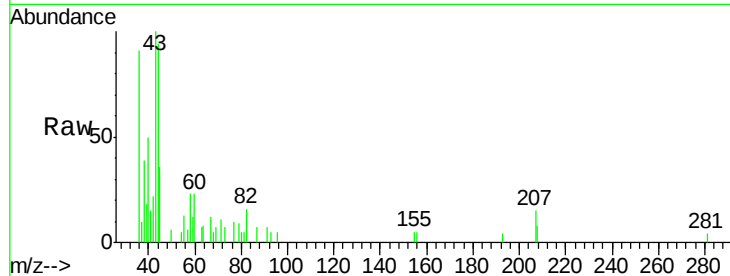
Ion Ratio Lower Upper

43 100

70 2.0 30.3 45.5#

55 6.1 19.4 29.2#

61 0.0 17.8 26.6#

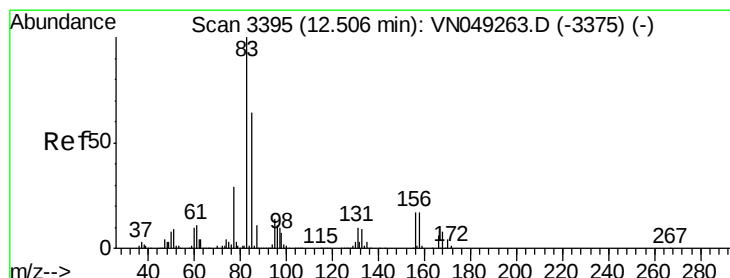
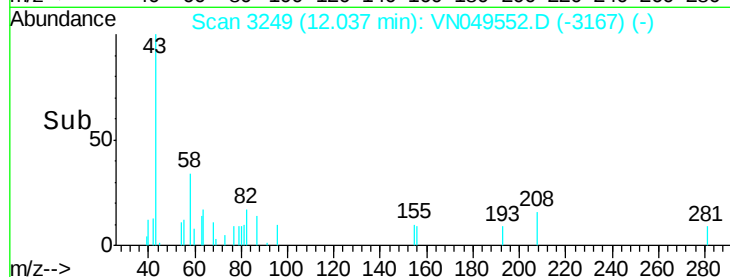
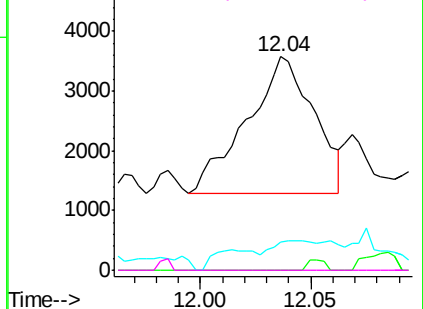


Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 12.51 min Scan# 3396

Delta R.T. 0.00 min

Lab File: VN049552.D

Acq: 26 Jun 2018 15:05

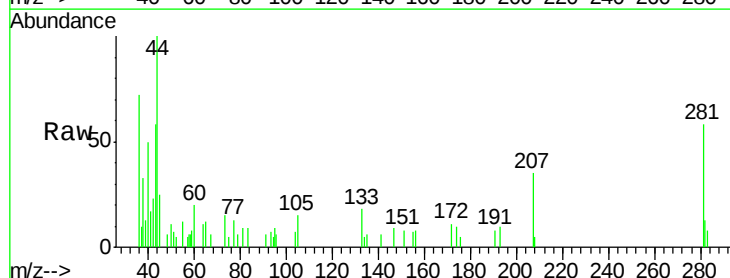
Tgt Ion: 83 Resp: 462

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

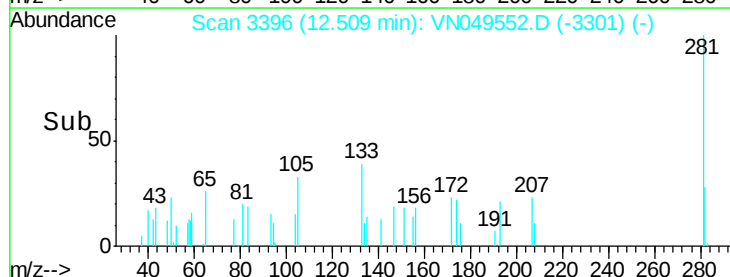
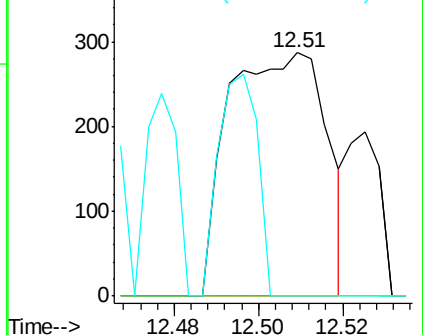
85 37.0 32.0 96.0

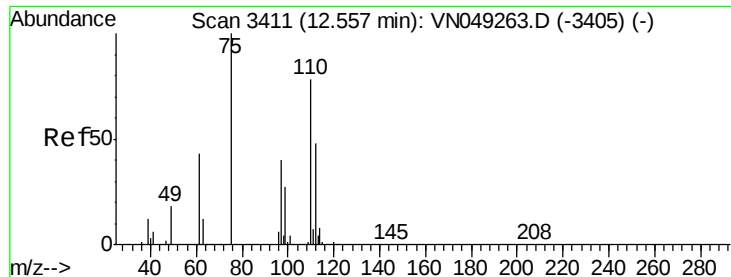


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 31.59 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049552.D

Acq: 26 Jun 2018 15:05

Instrument :

MSVOA_N

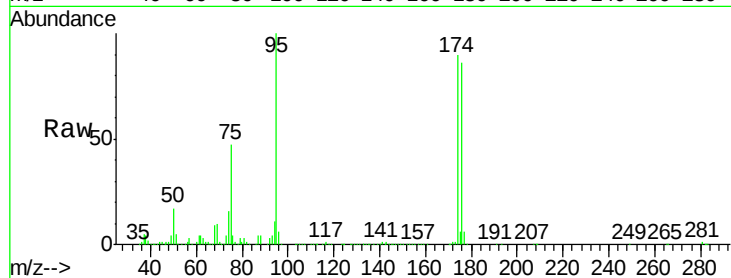
ClientSampled :

Tot Ion: 75 Resp: 425436

Ion Ratio Lower Upper

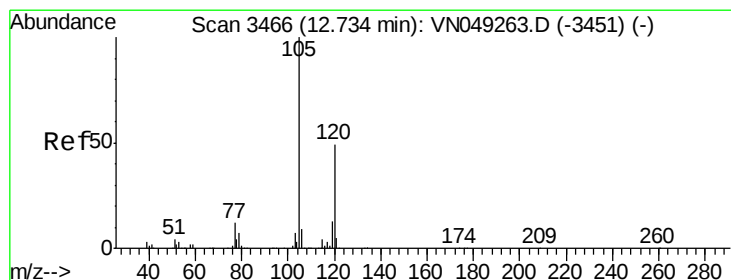
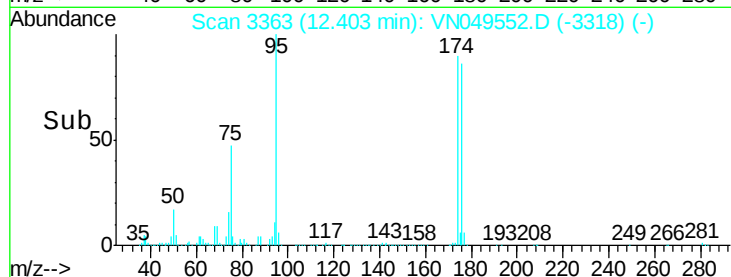
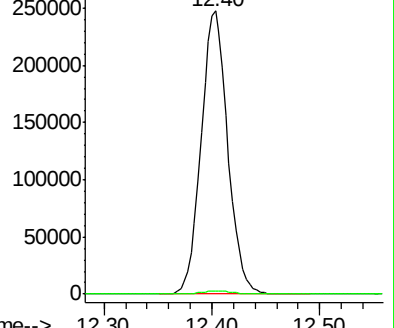
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#80

1,3,5-Trimethylbenzene

Concen: 0.43 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049552.D

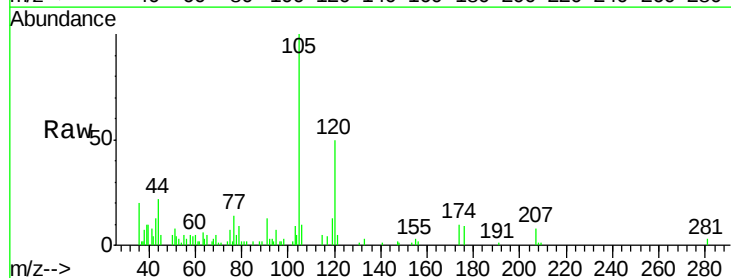
Acq: 26 Jun 2018 15:05

Tgt Ion: 105 Resp: 23436

Ion Ratio Lower Upper

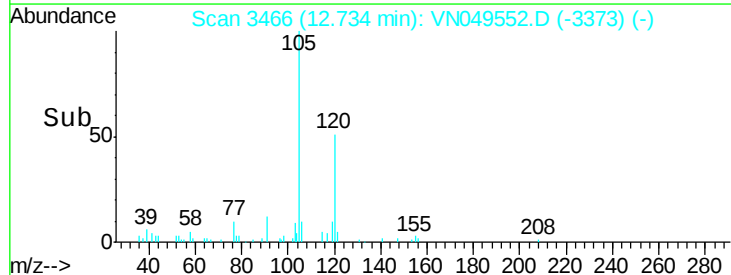
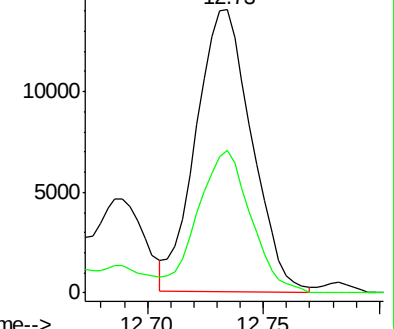
105 100

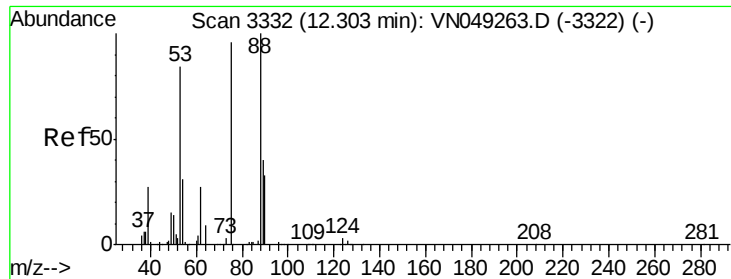
120 48.3 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

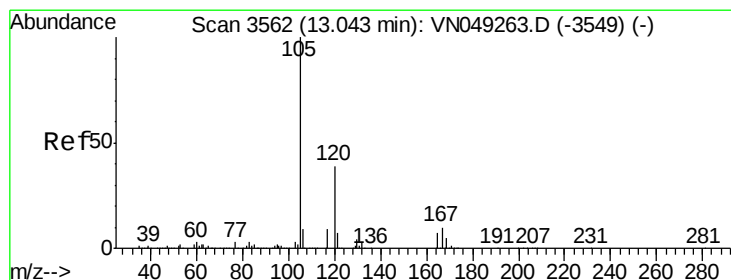
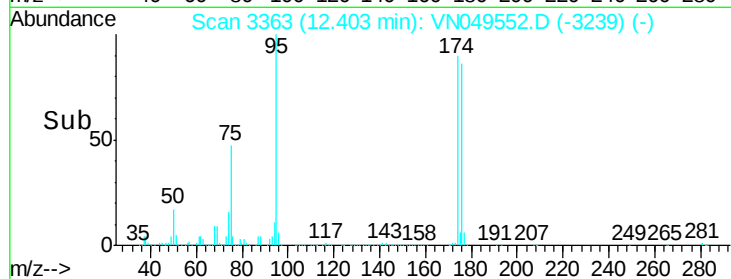
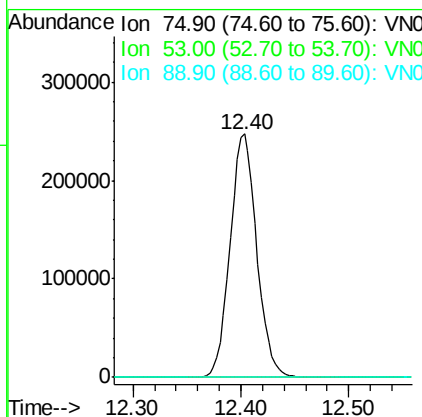
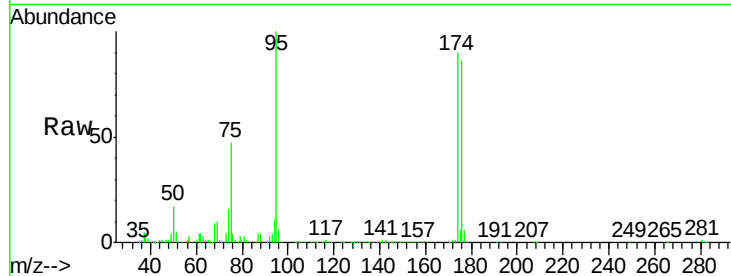




#81
trans-1,4-Dichloro-2-butene
Concen: 99.85 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.10 min
Lab File: VN049552.D
Acq: 26 Jun 2018 15:05

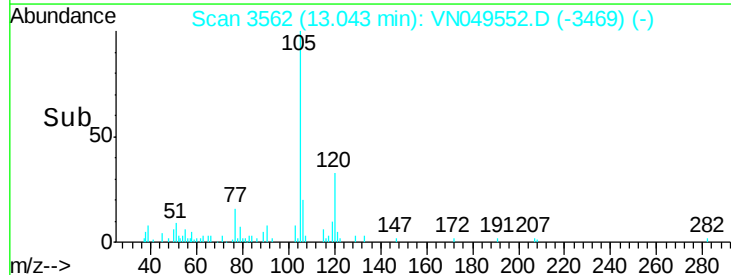
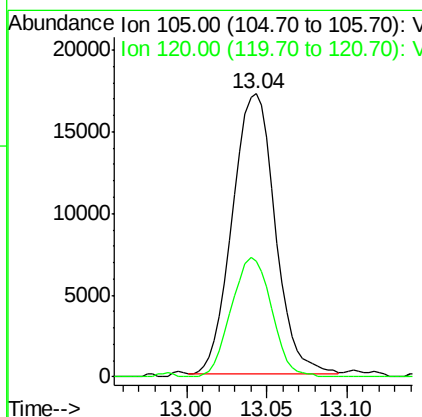
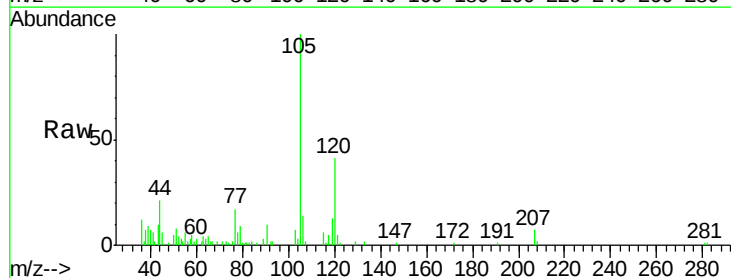
Instrument :
MSVOA_N
ClientSampleId :

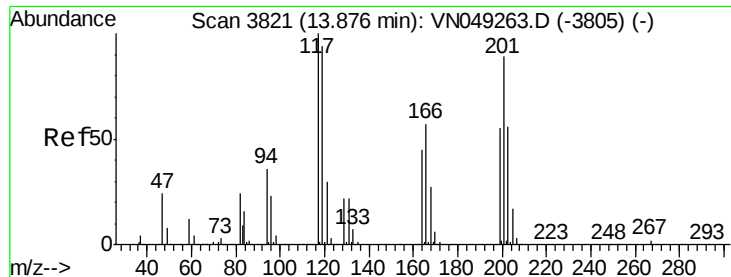
Tot Ion: 75 Resp: 425436
Ion Ratio Lower Upper
75 100
53 0.0 82.7 124.1#
89 0.0 36.5 54.7#



#84
1,2,4-Trimethylbenzene
Concen: 0.58 ug/l
RT: 13.04 min Scan# 3562
Delta R.T. 0.00 min
Lab File: VN049552.D
Acq: 26 Jun 2018 15:05

Tgt Ion: 105 Resp: 31431
Ion Ratio Lower Upper
105 100
120 39.9 22.2 66.6





#90

Hexachloroethane

Concen: Below Cal

RT: 13.89 min Scan# 3826

Delta R.T. 0.02 min

Lab File: VN049552.D

Acq: 26 Jun 2018 15:05

Instrument :

MSVOA_N

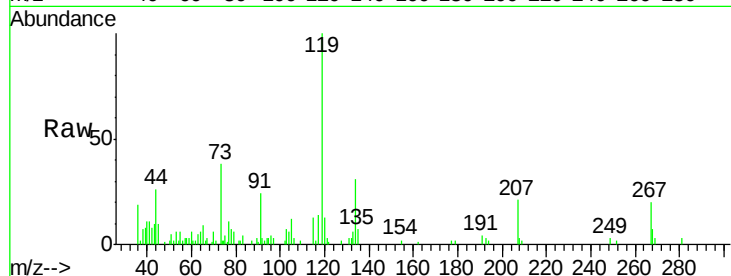
ClientSampleId :

Tot Ion:117 Resp: 2207

Ion Ratio Lower Upper

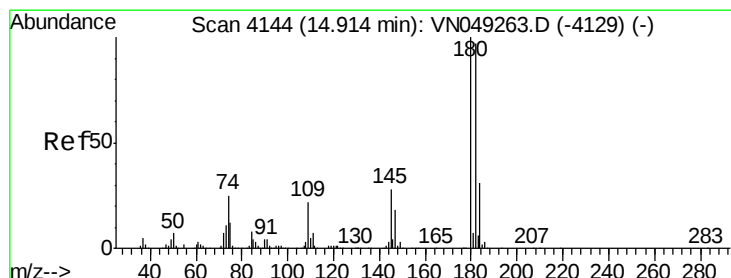
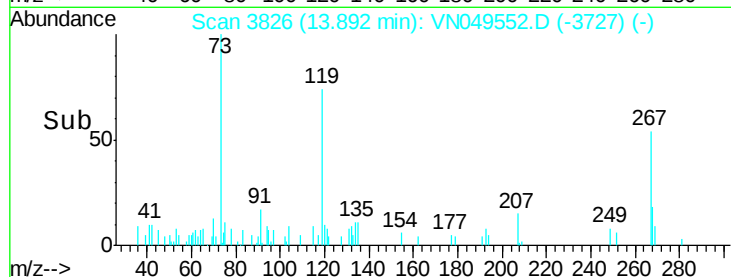
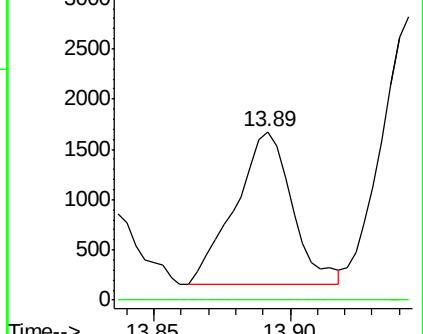
117 100

201 0.0 40.1 120.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#93

1,2,4-Trichlorobenzene

Concen: 4.85 ug/l

RT: 14.91 min Scan# 4143

Delta R.T. -0.00 min

Lab File: VN049552.D

Acq: 26 Jun 2018 15:05

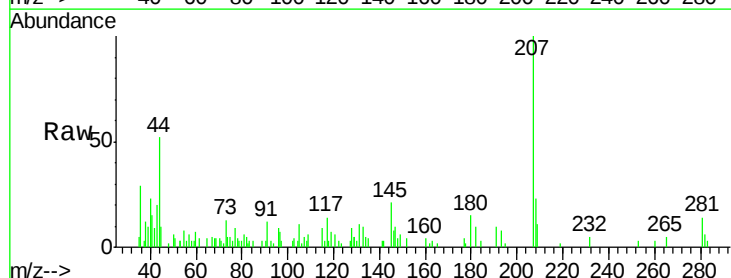
Tgt Ion:180 Resp: 1624

Ion Ratio Lower Upper

180 100

182 48.2 46.9 140.8

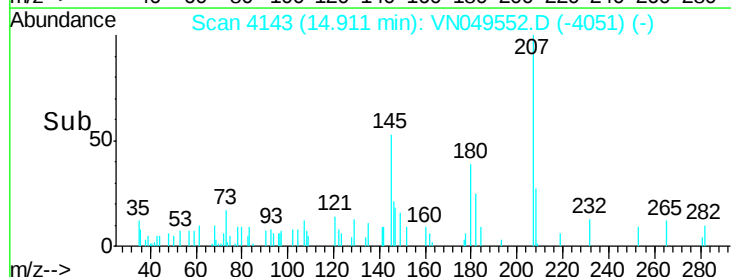
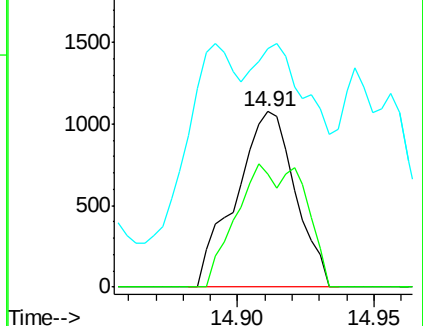
145 95.8 14.7 44.1#

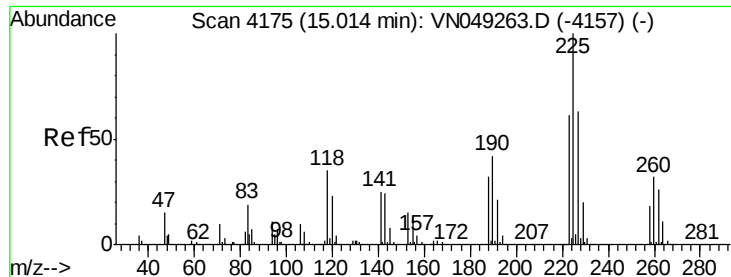


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4174

Delta R.T. -0.00 min

Lab File: VN049552.D

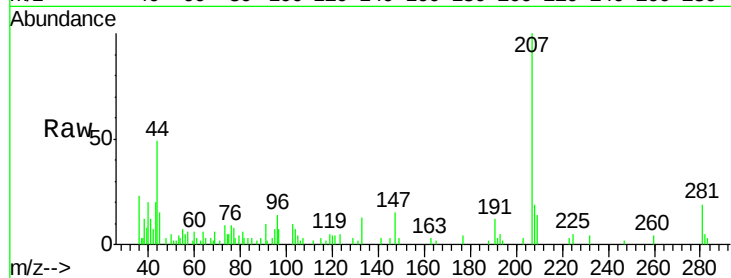
Acq: 26 Jun 2018 15:05

Instrument :

MSVOA_N

ClientSampled :

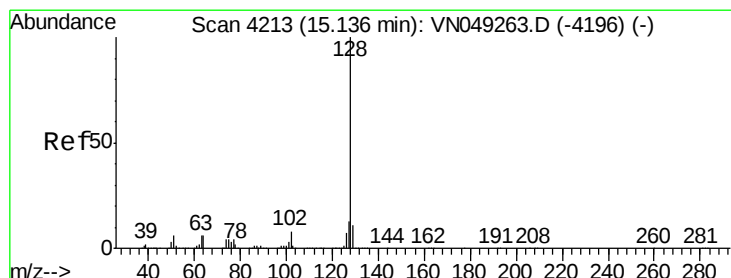
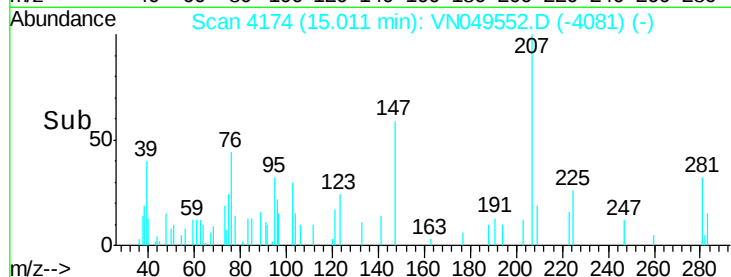
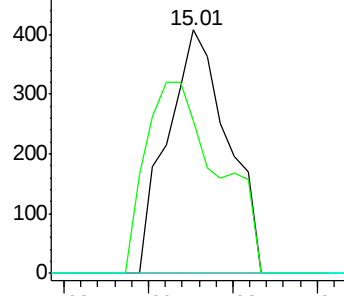
Tot Ion:	225	Resp:	404
Ion	Ratio	Lower	Upper
225	100		
223	94.8	32.1	96.3
227	0.0	31.8	95.3#



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: 23.27 ug/l

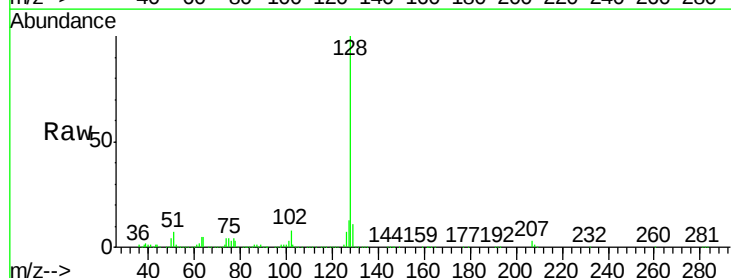
RT: 15.13 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN049552.D

Acq: 26 Jun 2018 15:05

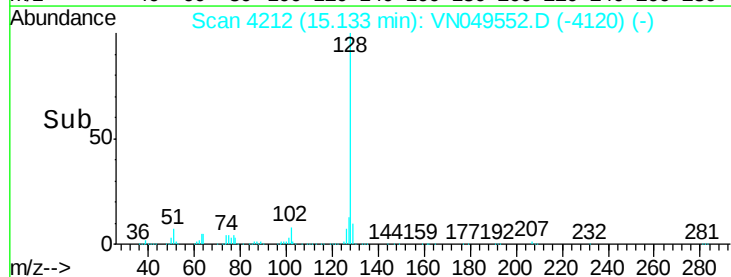
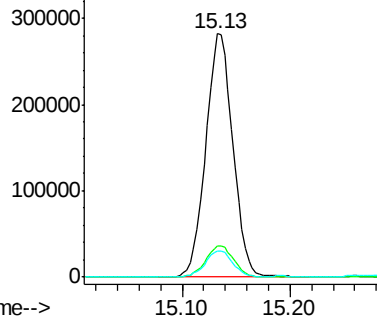
Tgt Ion:	128	Resp:	492991
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	16.0
129	10.8	8.5	12.7

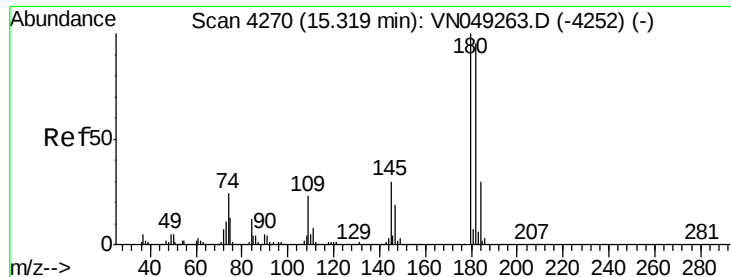


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

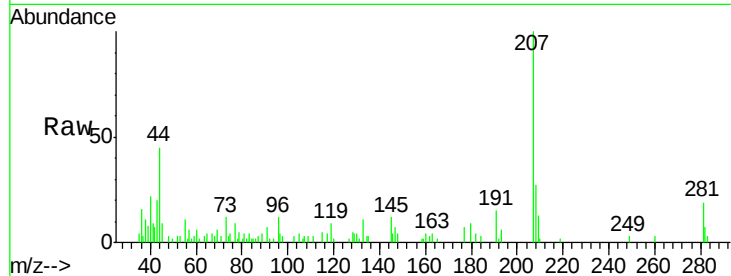




#96
 1,2,3-Trichlorobenzene
 Concen: 3.55 ug/l
 RT: 15.33 min Scan# 4272
 Delta R.T. 0.01 min
 Lab File: VN049552.D
 Acq: 26 Jun 2018 15:05

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	22.3	47.3	141.8#
145	0.0	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

