

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062818\
 Data File : VN049613.D
 Acq On : 29 Jun 2018 2:09
 Operator : MD\SY
 Sample : J3242-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 29 04:21:25 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	1103688	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1760415	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1458946	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	587841	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	719070	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
35) Dibromofluoromethane	7.59	113	647400	45.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.92%	
50) Toluene-d8	10.09	98	2356667	43.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.92%	
62) 4-Bromofluorobenzene	12.40	95	685901	38.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.50%	

Target Compounds						Qvalue
11) Tert butyl alcohol	4.78	59	250	0.29	ug/l #	70
13) Acrolein	3.63	56	2017	2.24	ug/l #	77
16) Acetone	3.82	43	64032	18.02	ug/l #	87
18) Methyl Acetate	4.33	43	144566	13.34	ug/l	94
20) Methylene Chloride	4.55	84	174383	11.75	ug/l	93
25) 2-Butanone	6.83	43	3304	0.69	ug/l	98
29) Tetrahydrofuran	7.21	42	1264	0.41	ug/l #	90
30) Chloroform	7.37	83	9144	0.36	ug/l #	78
31) Cyclohexane	7.67	56	18879	0.70	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	73941	3.66	ug/l #	50
38) Carbon Tetrachloride	7.67	117	98210	4.70	ug/l #	17
43) Isopropyl Acetate	8.32	43	487524	23.26	ug/l #	64
44) Trichloroethene	8.84	130	4705	0.29	ug/l	95
47) Bromodichloromethane	9.40	83	4182	0.20	ug/l #	82
49) 1,4-Dioxane	9.19	88	67	0.49	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	6941	0.63	ug/l	91
58) 2-Chloroethyl Vinyl ether	9.57	63	75	14.34	ug/l #	51
65) Chlorobenzene	11.44	112	10896	0.29	ug/l	100
68) m/p-Xylenes	11.62	106	15669	0.67	ug/l	94
69) o-Xylene	11.95	106	5071	0.23	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.50	83	507	Below	Cal #	54
76) 1,2,3-Trichloropropane	12.40	75	336491	33.55	ug/l #	100
78) n-propylbenzene	12.59	91	25298	0.45	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	336491	106.03	ug/l #	9
84) 1,2,4-Trimethylbenzene	13.04	105	10022	0.25	ug/l	97
85) sec-Butylbenzene	13.17	105	15558	0.33	ug/l	87
89) n-Butylbenzene	13.62	91	8288	0.27	ug/l	94
90) Hexachloroethane	13.89	117	6812	Below	Cal #	9
92) 1,2-Dibromo-3-Chloropropan	14.27	75	631	0.35	ug/l #	4
93) 1,2,4-Trichlorobenzene	14.91	180	3302	5.04	ug/l #	13
94) Hexachlorobutadiene	15.01	225	1186	Below	Cal	81
95) Naphthalene	15.14	128	103370	8.31	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	3475	3.79	ug/l #	56

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

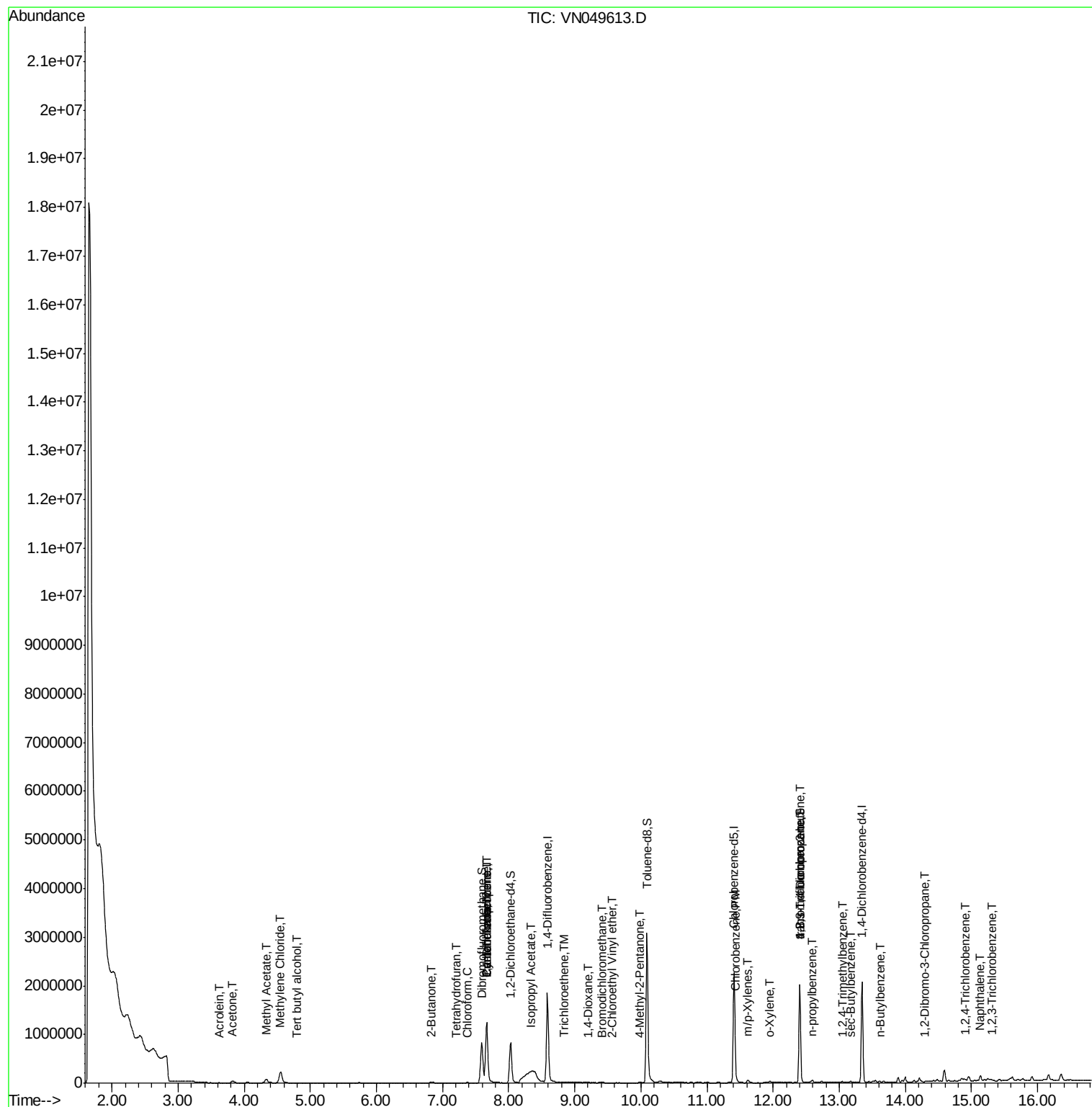
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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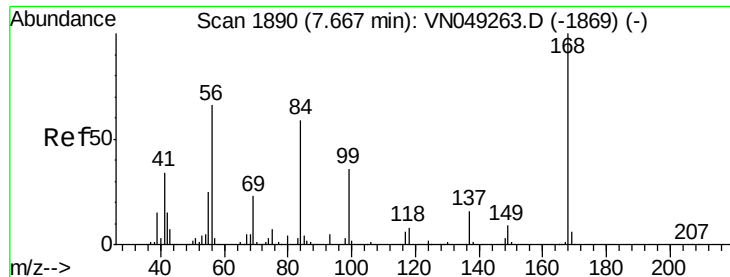
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062818\
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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: VN049613.D

Acq: 29 Jun 2018 2:09

Instrument :

MSVOA_N

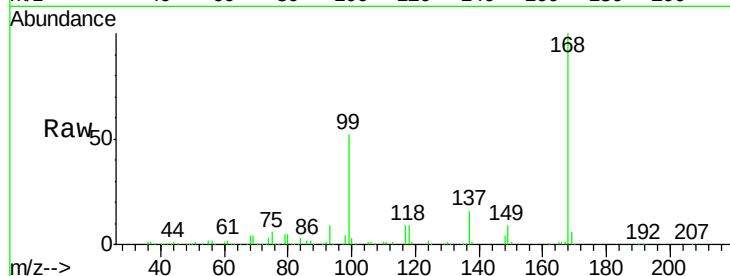
ClientSampled :

Tot Ion:168 Resp: 1103688

Ion Ratio Lower Upper

168 100

99 51.6 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): VN049263.D (-1869) (-)

Ion 98.90 (98.60 to 99.60): VN049263.D (-1869) (-)

7.67

400000

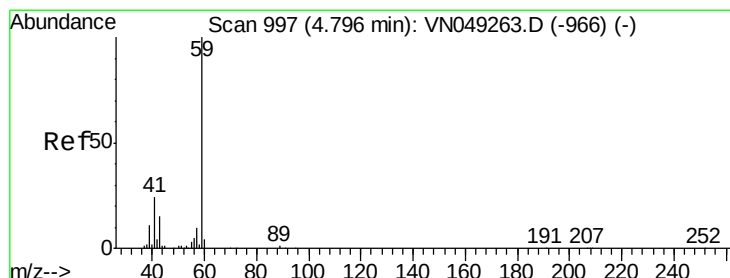
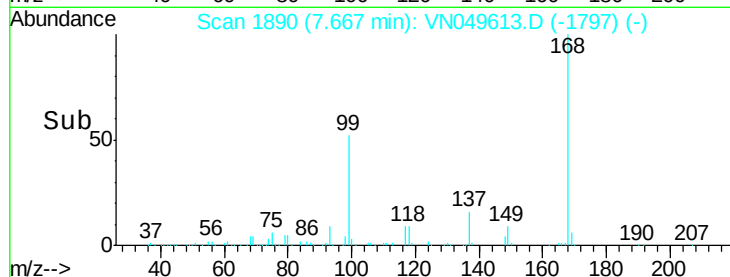
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.29 ug/l

RT: 4.78 min Scan# 993

Delta R.T. -0.01 min

Lab File: VN049613.D

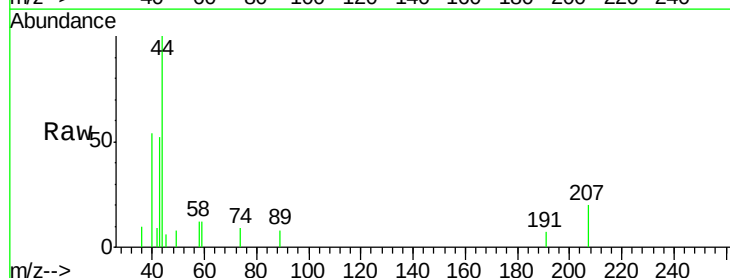
Acq: 29 Jun 2018 2:09

Tgt Ion: 59 Resp: 250

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VN049263.D (-966) (-)

Ion 57.00 (56.70 to 57.70): VN049263.D (-966) (-)

4.78

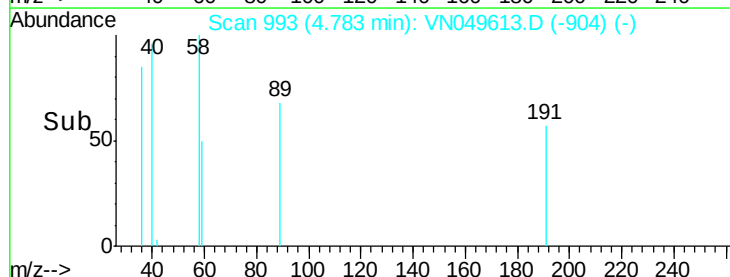
300

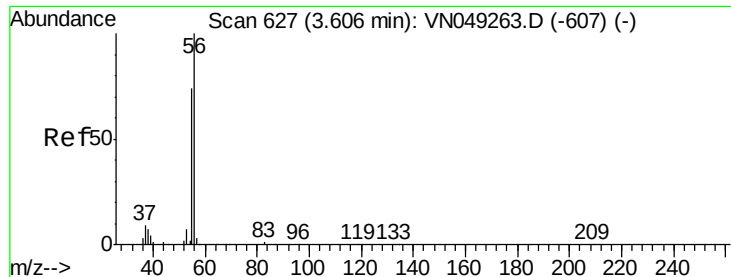
200

100

0

Time-->





#13

Acrolein

Concen: 2.24 ug/l

RT: 3.63 min Scan# 633

Delta R.T. 0.02 min

Lab File: VN049613.D

Acq: 29 Jun 2018 2:09

Instrument :

MSVOA_N

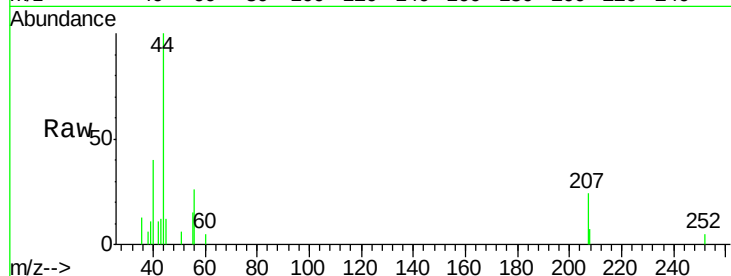
ClientSampled :

Tot Ion: 56 Resp: 2017

Ion Ratio Lower Upper

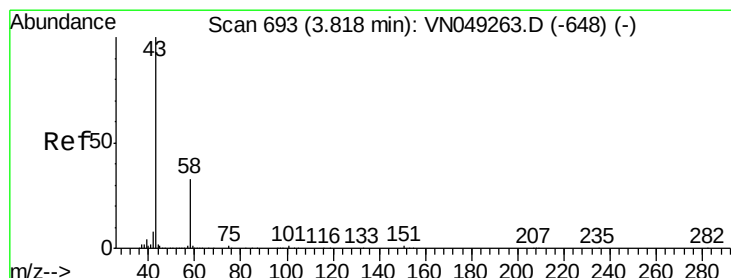
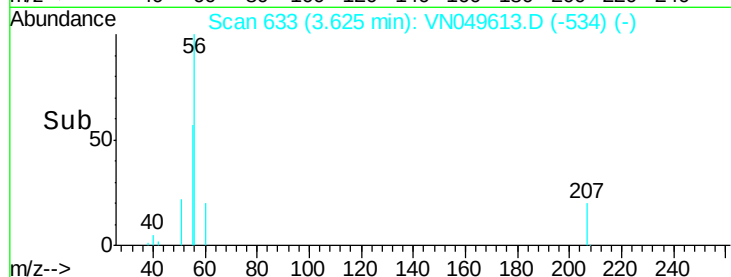
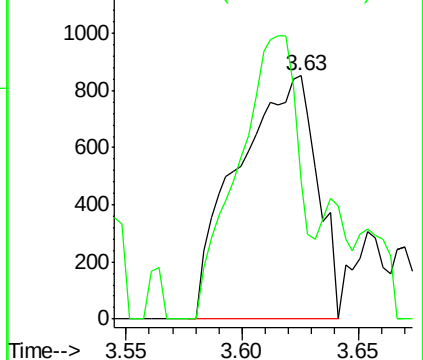
56 100

55 90.8 57.1 85.7#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#16

Acetone

Concen: 18.02 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049613.D

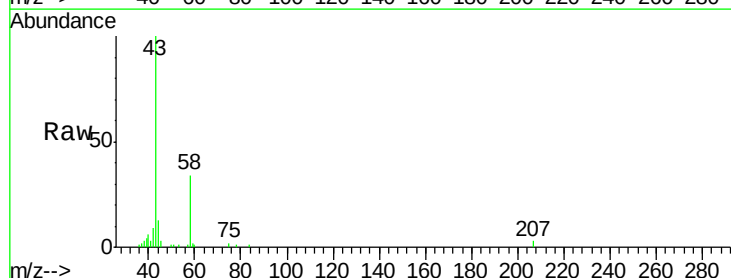
Acq: 29 Jun 2018 2:09

Tgt Ion: 43 Resp: 64032

Ion Ratio Lower Upper

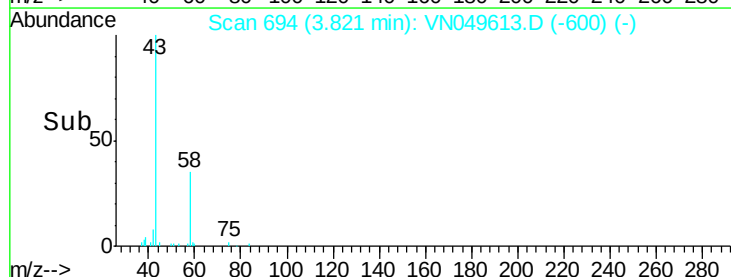
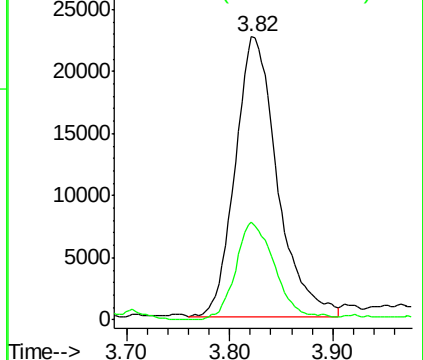
43 100

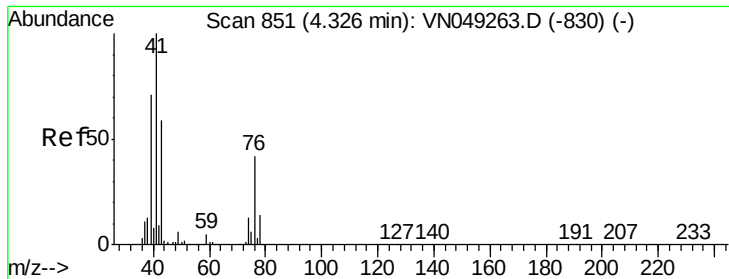
58 34.8 22.4 33.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

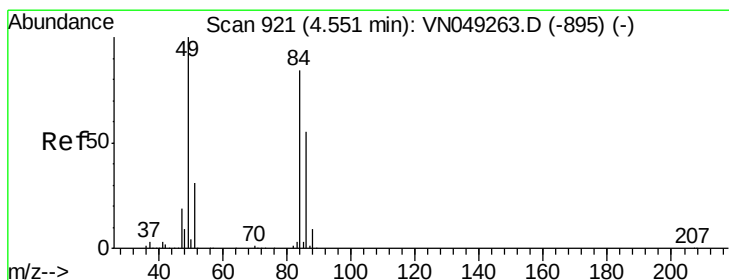
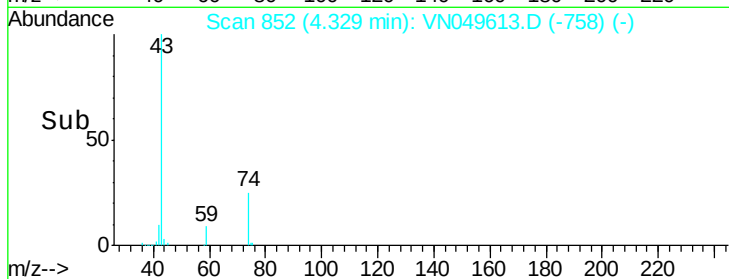
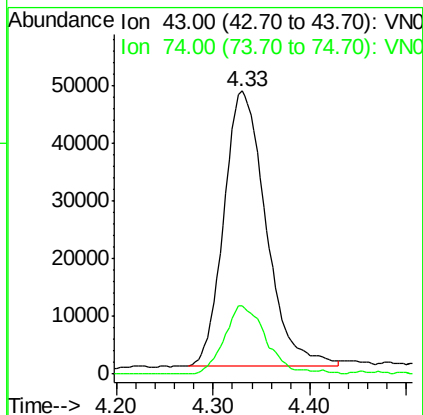
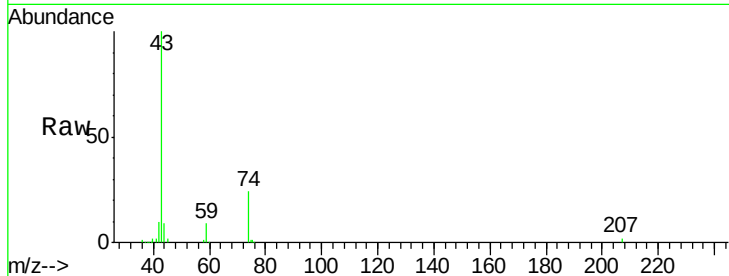




#18
Methvl Acetate
Concen: 13.34 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049613.D
Acq: 29 Jun 2018 2:09

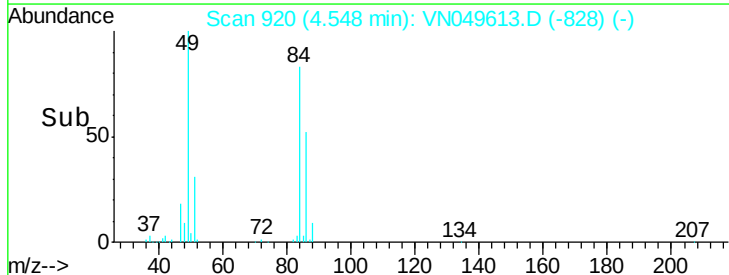
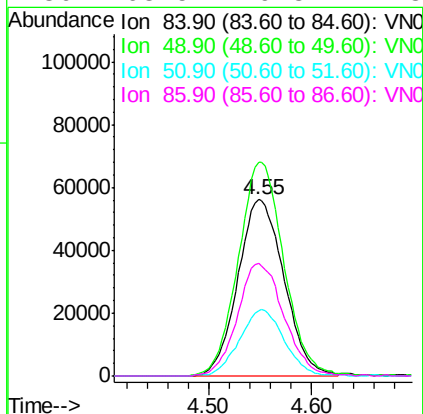
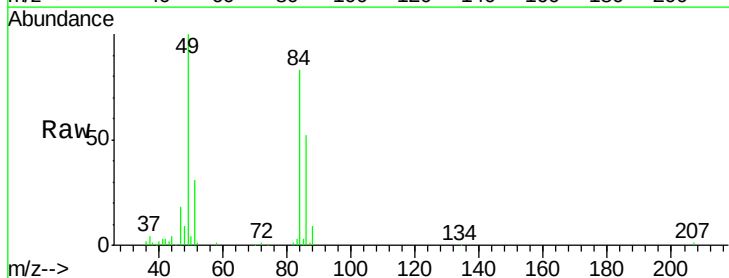
Instrument :
MSVOA_N
ClientSampled :

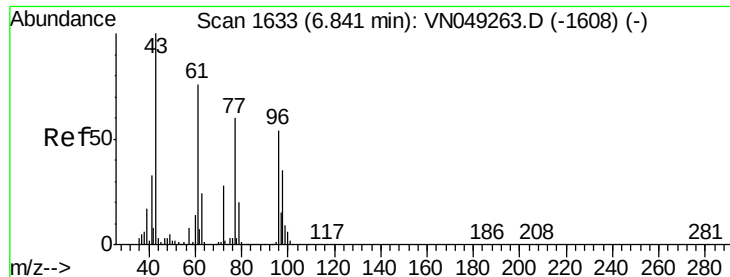
Tot Ion: 43 Resp: 144566
Ion Ratio Lower Upper
43 100
74 24.6 17.4 26.0



#20
Methylene Chloride
Concen: 11.75 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049613.D
Acq: 29 Jun 2018 2:09

Tgt Ion: 84 Resp: 174383
Ion Ratio Lower Upper
84 100
49 121.1 106.9 160.3
51 37.1 32.7 49.1
86 63.5 49.8 74.8

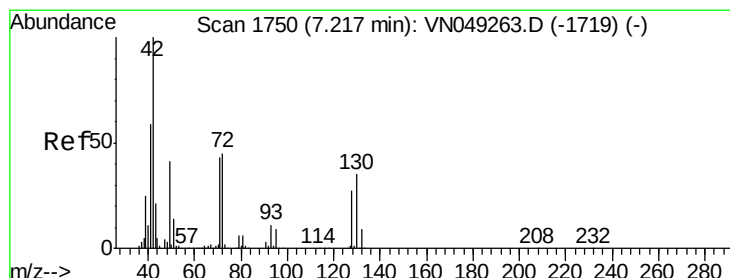
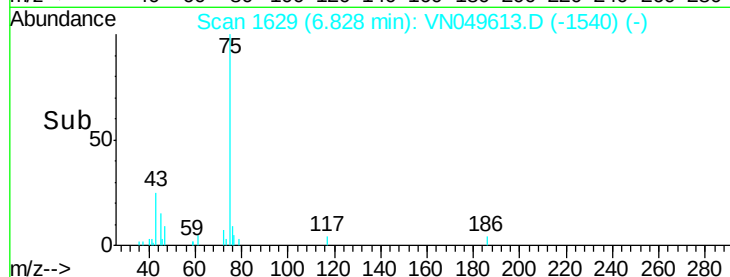
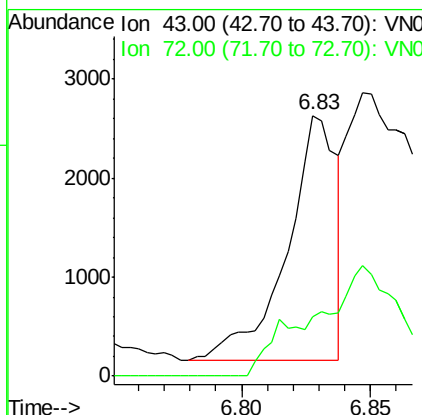
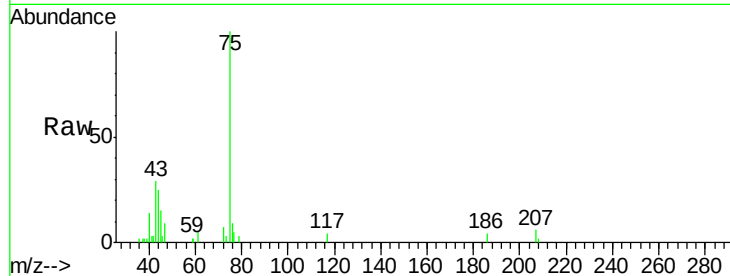




#25
2-Butanone
Concen: 0.69 ug/l
RT: 6.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VN049613.D
Acq: 29 Jun 2018 2:09

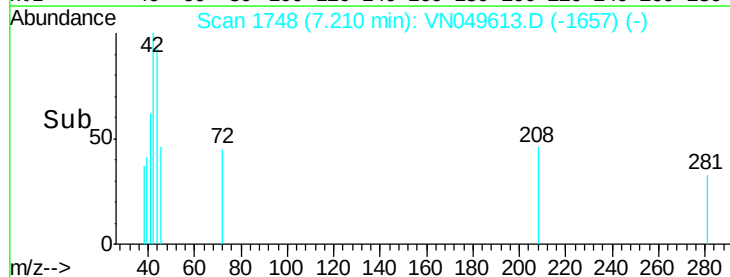
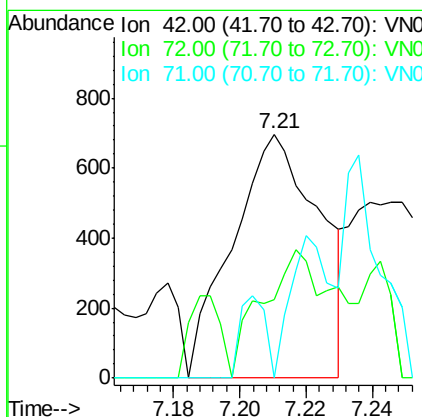
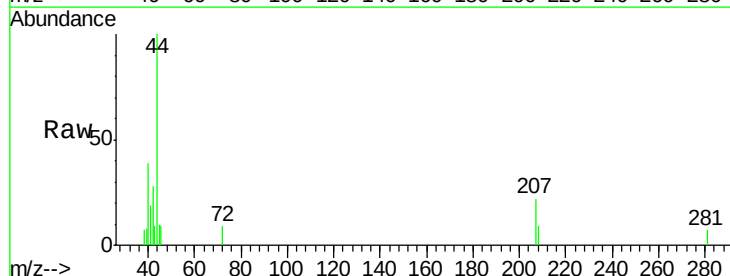
Instrument :
MSVOA_N
ClientSampleId :

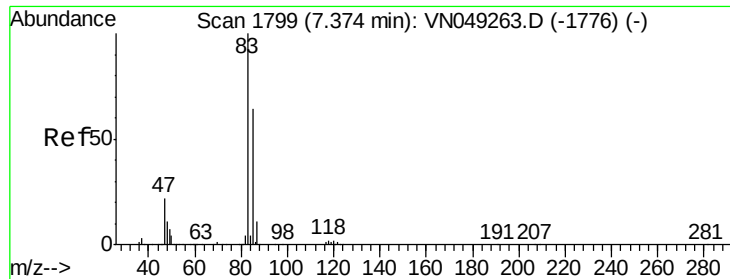
Tot Ion: 43 Resp: 3304
Ion Ratio Lower Upper
43 100
72 24.4 20.2 30.2



#29
Tetrahydrofuran
Concen: 0.41 ug/l
RT: 7.21 min Scan# 1748
Delta R.T. -0.01 min
Lab File: VN049613.D
Acq: 29 Jun 2018 2:09

Tgt Ion: 42 Resp: 1264
Ion Ratio Lower Upper
42 100
72 42.5 32.2 48.4
71 27.4 30.5 45.7#

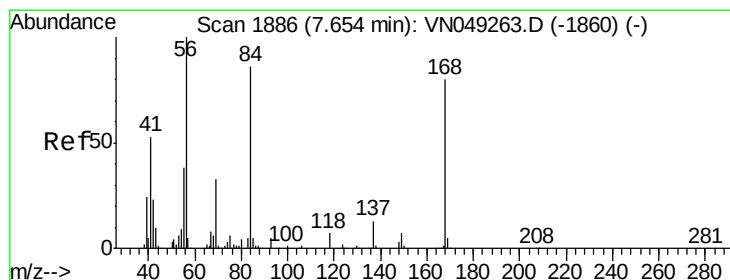
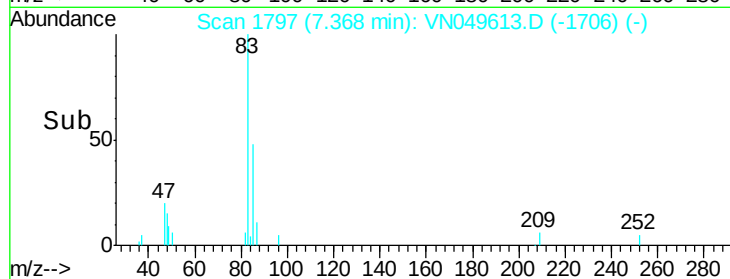
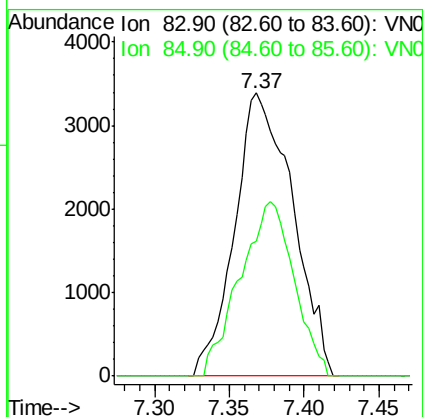
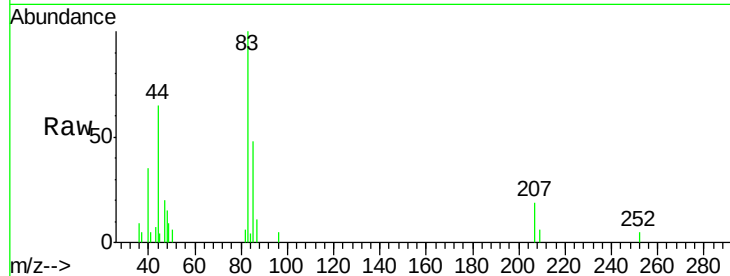




#30
Chloroform
Concen: 0.36 ug/l
RT: 7.37 min Scan# 1797
Delta R.T. -0.01 min
Lab File: VN049613.D
Acq: 29 Jun 2018 2:09

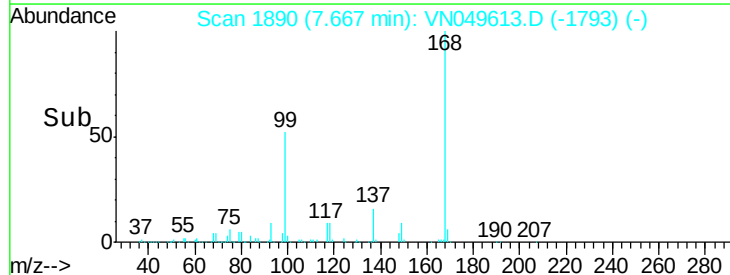
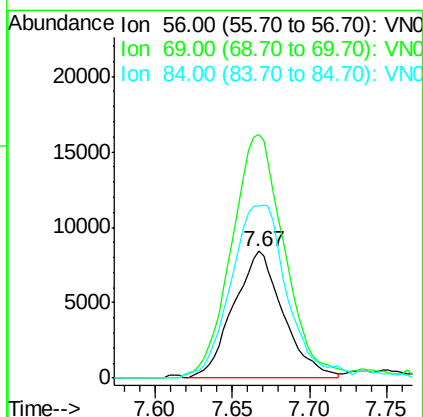
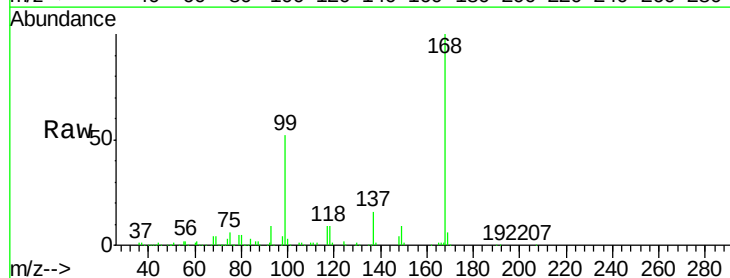
Instrument :
MSVOA_N
ClientSampleId :

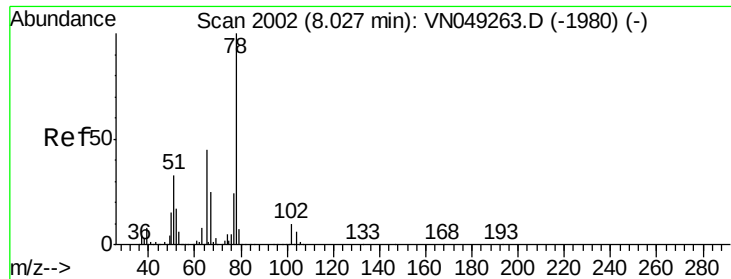
Tot Ion: 83 Resp: 9144
Ion Ratio Lower Upper
83 100
85 47.7 51.7 77.5#



#31
Cyclohexane
Concen: 0.70 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VN049613.D
Acq: 29 Jun 2018 2:09

Tgt Ion: 56 Resp: 18879
Ion Ratio Lower Upper
56 100
69 188.1 25.0 37.4#
84 131.8 64.6 96.8#

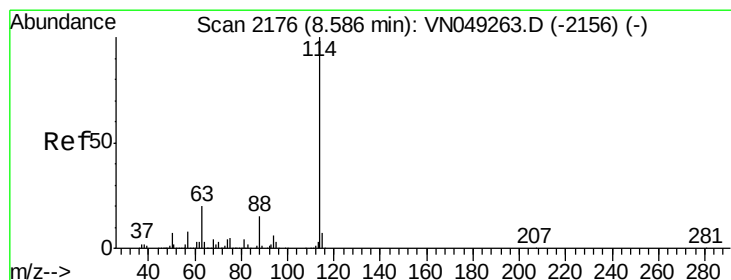
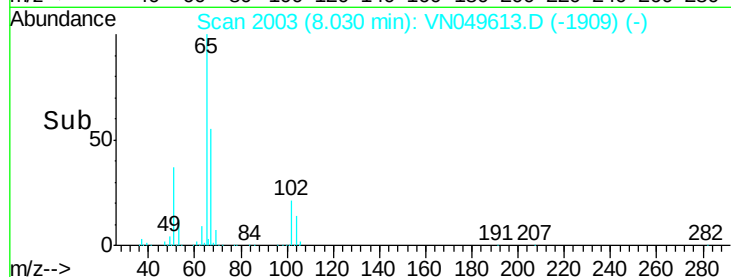
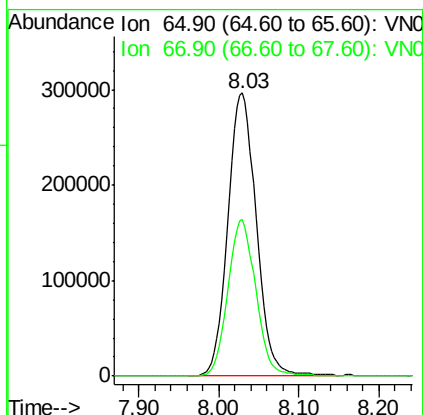
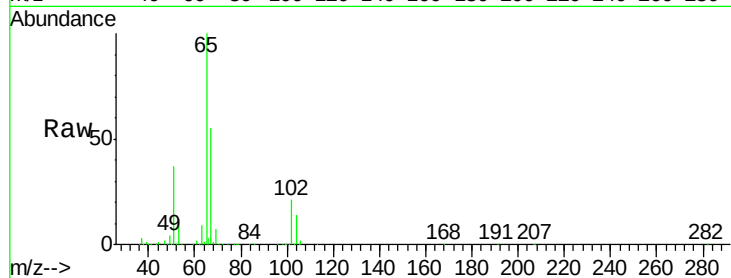




#33
 1,2-Dichloroethane-d4
 Concen: 49.12 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049613.D
 Acq: 29 Jun 2018 2:09

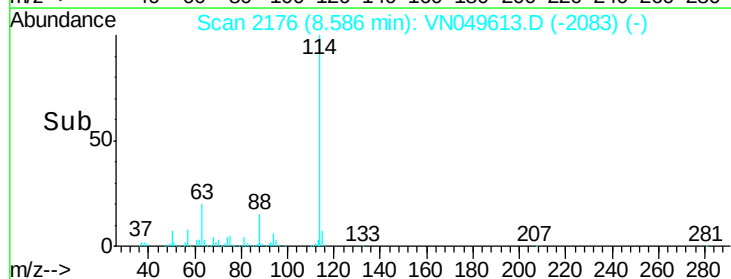
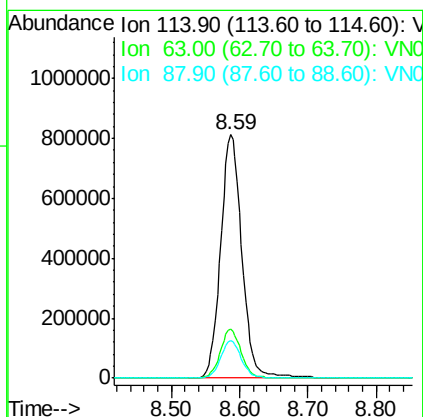
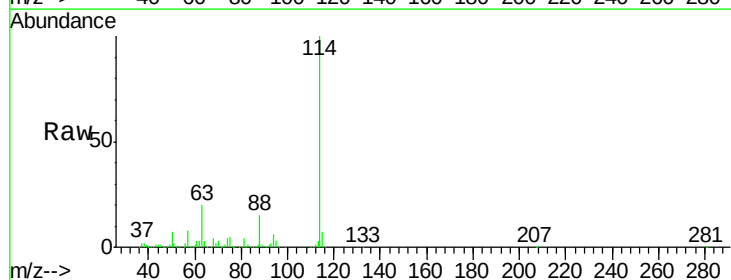
Instrument :
 MSVOA_N
 ClientSampleId :

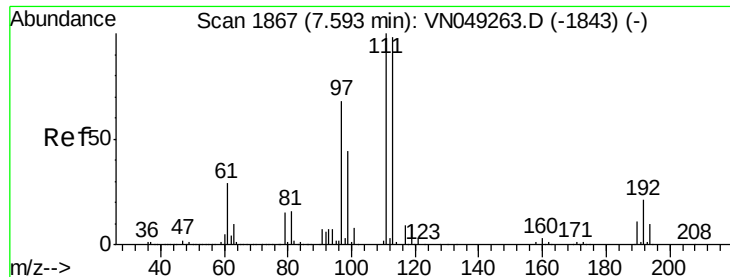
Tot Ion: 65 Resp: 719070
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049613.D
 Acq: 29 Jun 2018 2:09

Tgt Ion: 114 Resp: 1760415
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 44.4
 88 15.5 0.0 31.4

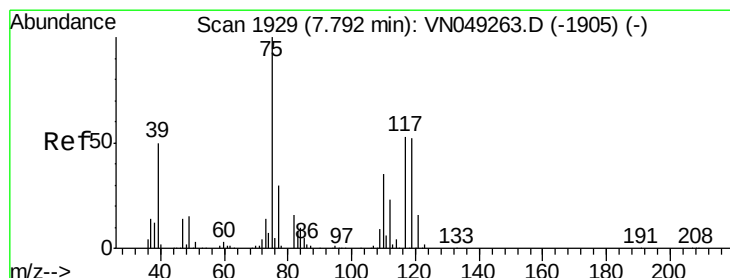
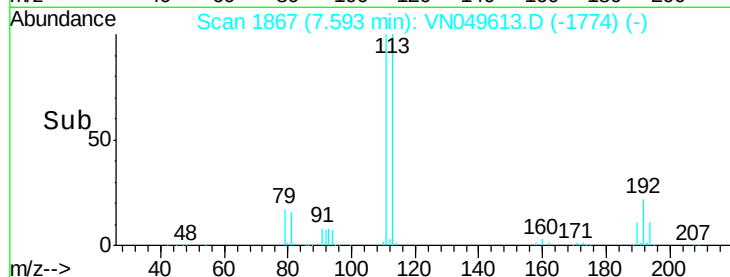
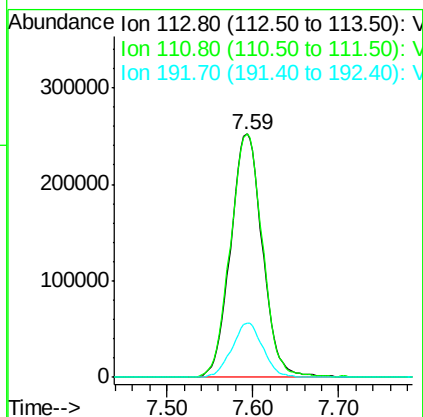
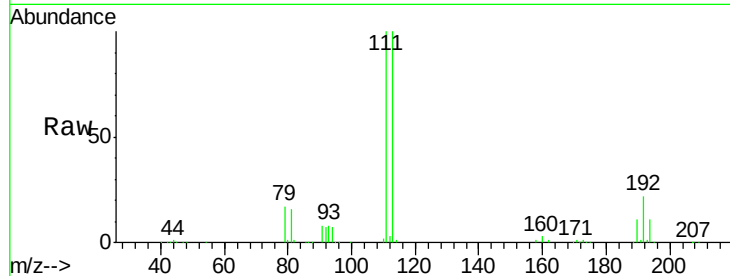




#35
 Dibromofluoromethane
 Concen: 45.46 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN049613.D
 Acq: 29 Jun 2018 2:09

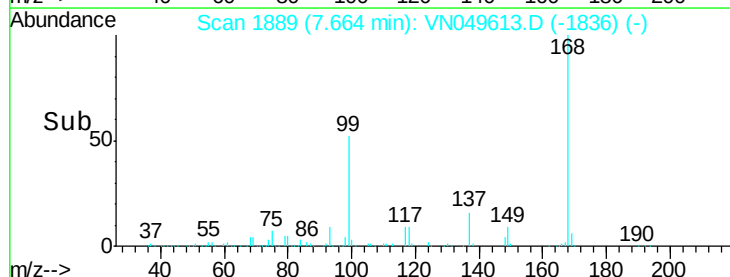
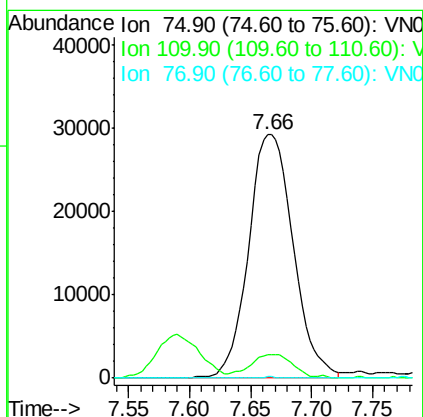
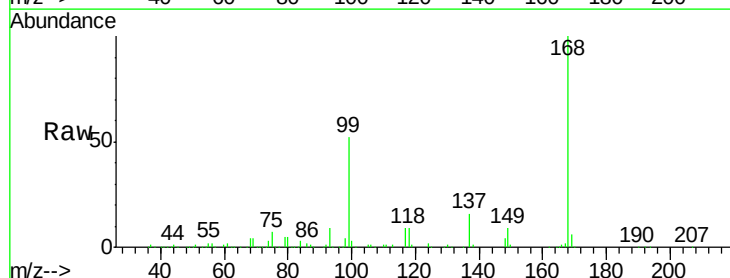
Instrument :
 MSVOA_N
 ClientSampleId :

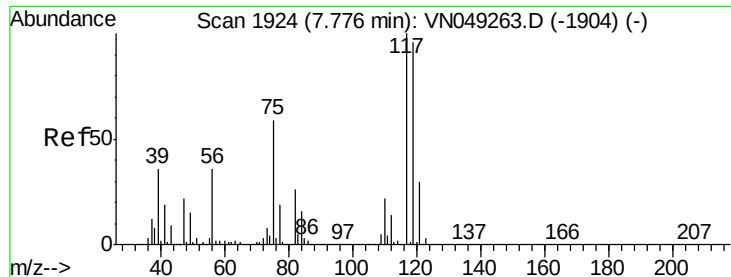
Tot Ion:113 Resp: 647400
 Ion Ratio Lower Upper
 113 100
 111 101.1 82.4 123.6
 192 21.8 15.0 22.6



#36
 1,1-Dichloropropene
 Concen: 3.66 ug/l
 RT: 7.66 min Scan# 1889
 Delta R.T. -0.13 min
 Lab File: VN049613.D
 Acq: 29 Jun 2018 2:09

Tgt Ion: 75 Resp: 73941
 Ion Ratio Lower Upper
 75 100
 110 8.2 17.0 50.9#
 77 0.1 24.4 36.6#

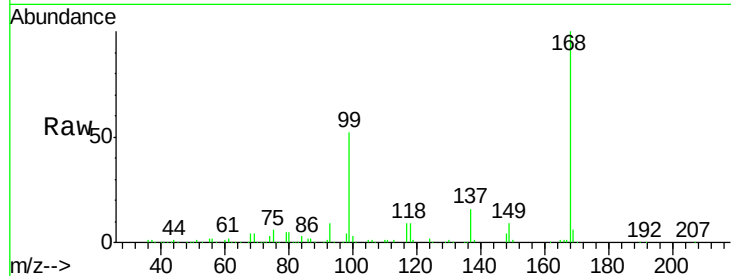




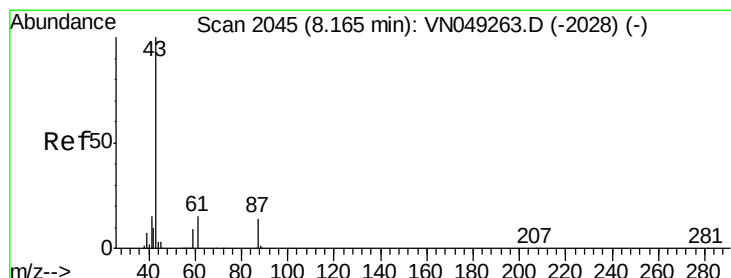
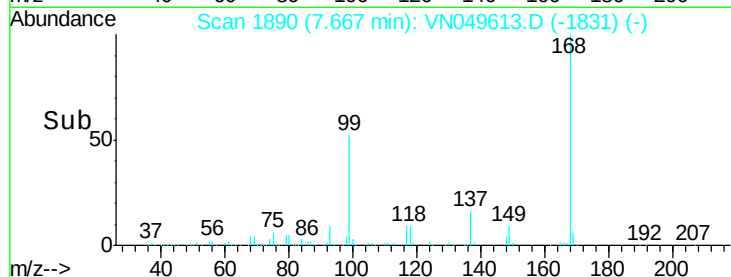
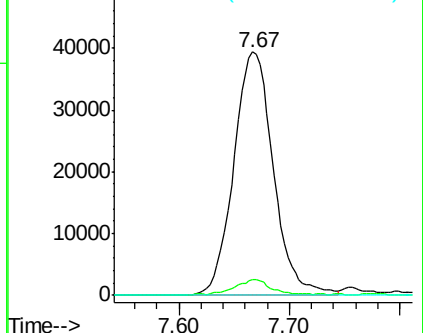
#38
Carbon Tetrachloride
Concen: 4.70 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.11 min
Lab File: VN049613.D
Acq: 29 Jun 2018 2:09

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 98210
Ion Ratio Lower Upper
117 100
119 5.9 75.6 113.4#
121 0.0 24.7 37.1#

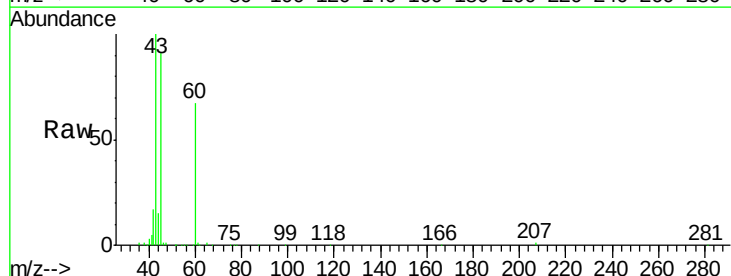


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

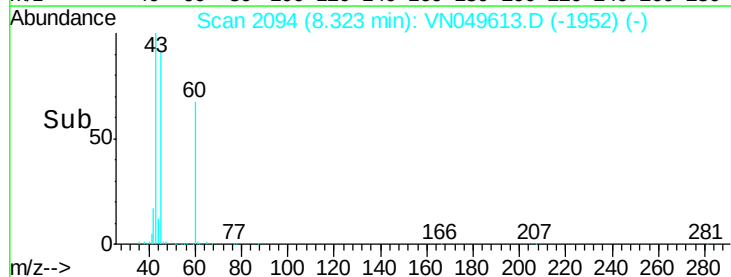
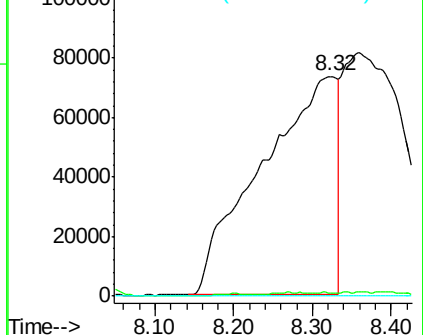


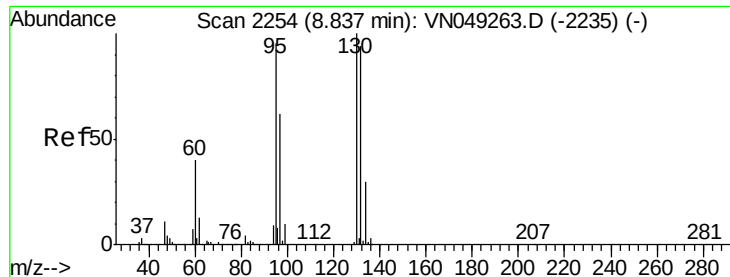
#43
Isopropyl Acetate
Concen: 23.26 ug/l
RT: 8.32 min Scan# 2094
Delta R.T. 0.16 min
Lab File: VN049613.D
Acq: 29 Jun 2018 2:09

Tgt Ion: 43 Resp: 487524
Ion Ratio Lower Upper
43 100
61 0.1 14.2 21.4#
87 0.0 9.4 14.0#



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 61.00 (60.70 to 61.70): VNO
Ion 87.00 (86.70 to 87.70): VNO





#44

Trichloroethene

Concen: 0.29 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. -0.00 min

Lab File: VN049613.D

Acq: 29 Jun 2018 2:09

Instrument :

MSVOA_N

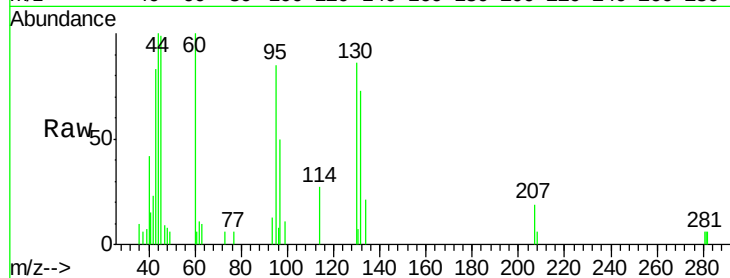
ClientSampled :

Tot Ion:130 Resp: 4705

Ion Ratio Lower Upper

130 100

95 99.0 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

2500

2000

1500

1000

500

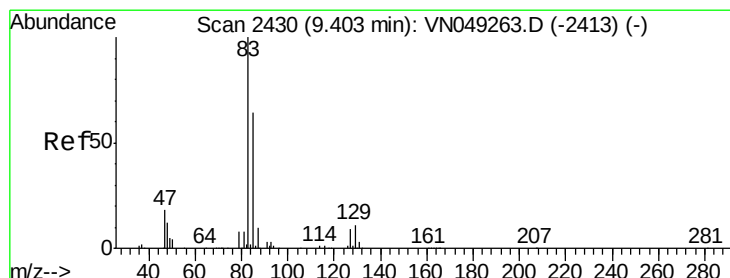
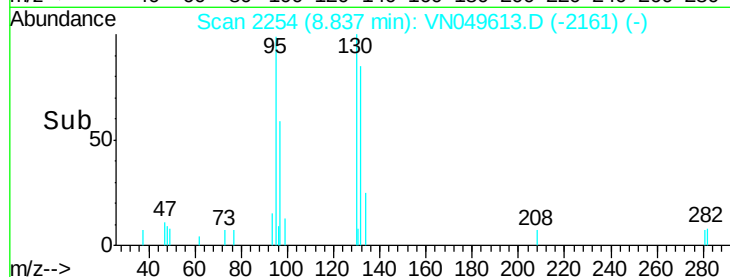
0

8.80

8.85

8.90

Time-->



#47

Bromodichloromethane

Concen: 0.20 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VN049613.D

Acq: 29 Jun 2018 2:09

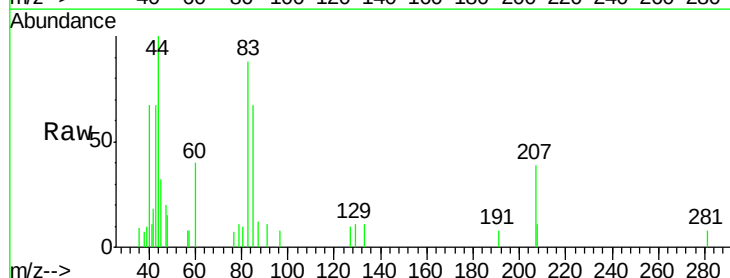
Tgt Ion: 83 Resp: 4182

Ion Ratio Lower Upper

83 100

85 76.1 49.4 74.0#

127 11.5 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

2500

2000

1500

1000

500

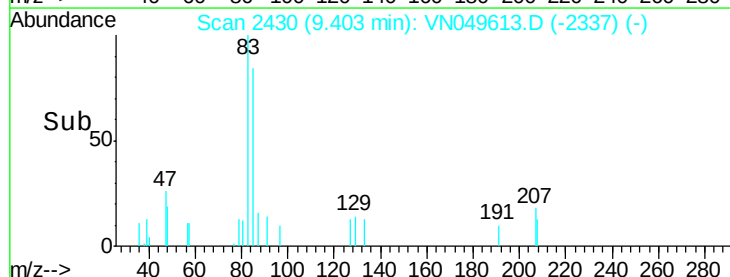
0

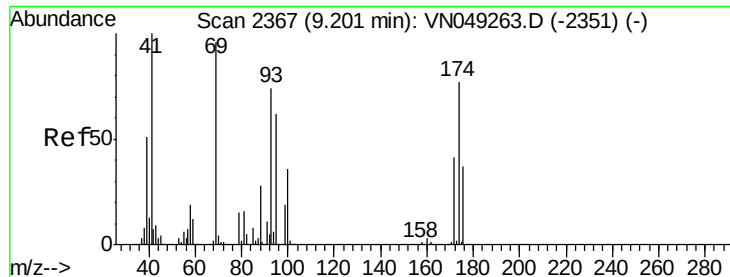
9.35

9.40

9.45

Time-->

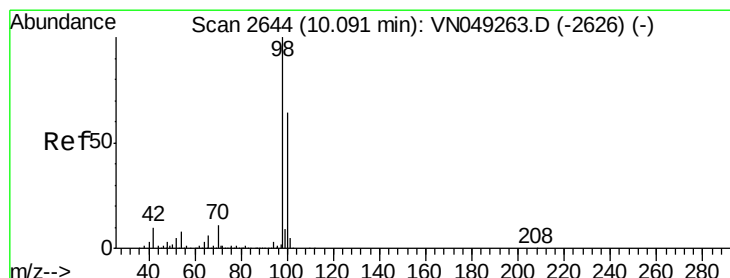
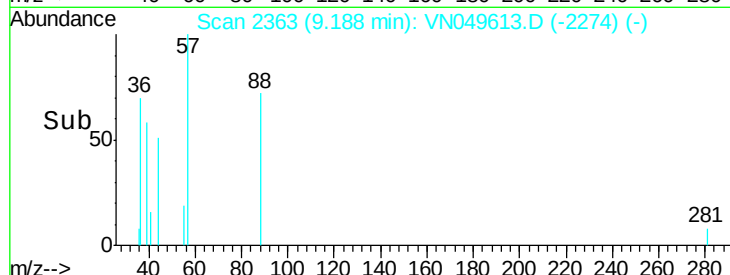
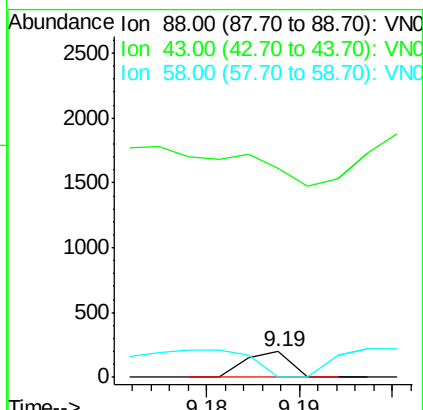
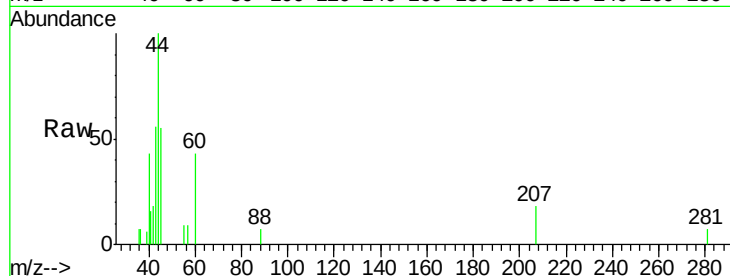




#49
1,4-Dioxane
Concen: 0.49 ug/l
RT: 9.19 min Scan# 2363
Delta R.T. -0.01 min
Lab File: VN049613.D
Acq: 29 Jun 2018 2:09

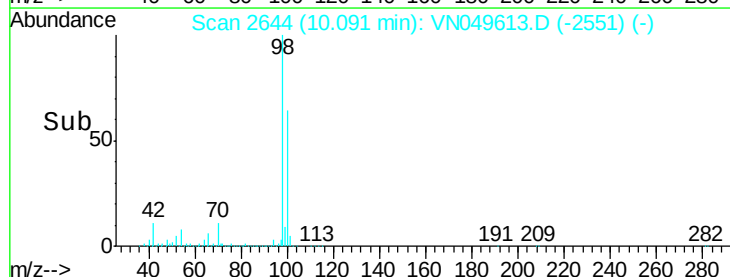
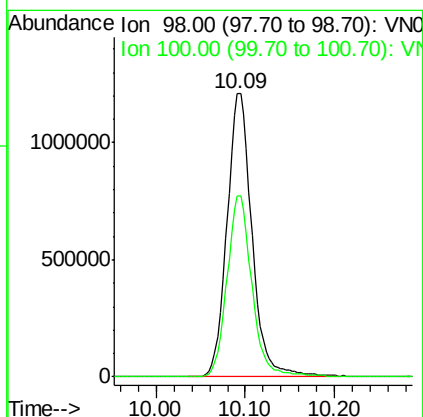
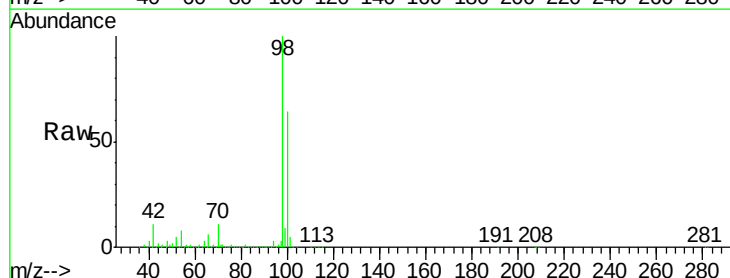
Instrument :
MSVOA_N
ClientSampleId :

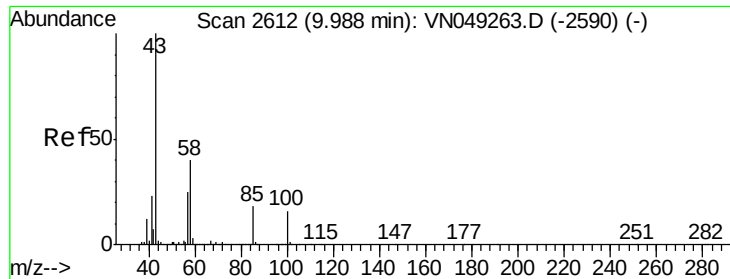
Tot Ion: 88 Resp: 67
Ion Ratio Lower Upper
88 100
43 0.0 30.9 46.3#
58 273.1 58.9 88.3#



#50
Toluene-d8
Concen: 43.46 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049613.D
Acq: 29 Jun 2018 2:09

Tgt Ion: 98 Resp: 2356667
Ion Ratio Lower Upper
98 100
100 63.5 49.8 74.8





#51

4-Methyl-2-Pentanone

Concen: 0.63 ug/l

RT: 9.99 min Scan# 2613

Delta R.T. 0.00 min

Lab File: VN049613.D

Acq: 29 Jun 2018 2:09

Instrument :

MSVOA_N

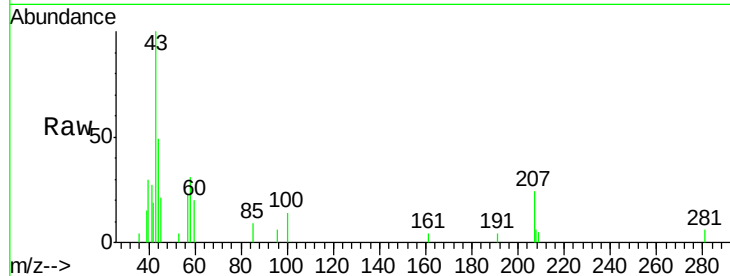
ClientSampled :

Tot Ion: 43 Resp: 6941

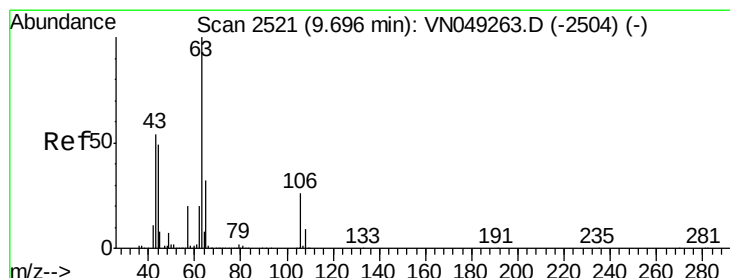
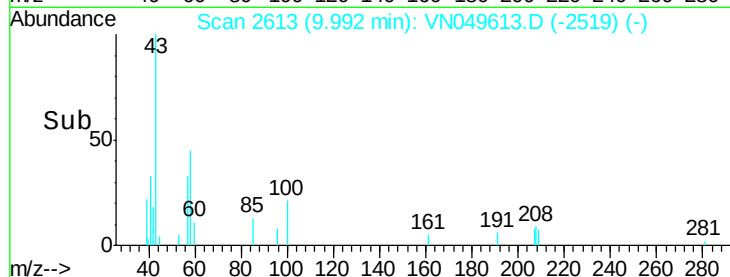
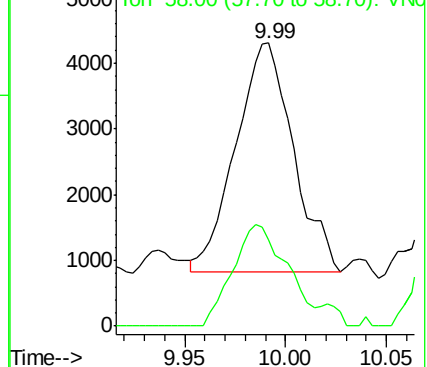
Ion Ratio Lower Upper

43 100

58 41.7 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN049613.D (-2590) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 14.34 ug/l

RT: 9.57 min Scan# 2481

Delta R.T. -0.13 min

Lab File: VN049613.D

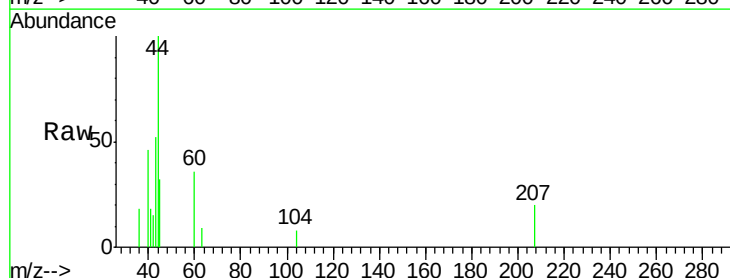
Acq: 29 Jun 2018 2:09

Tgt Ion: 63 Resp: 75

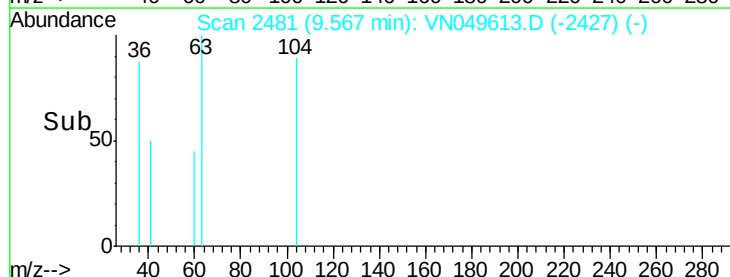
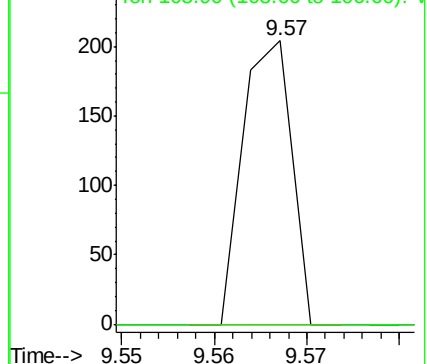
Ion Ratio Lower Upper

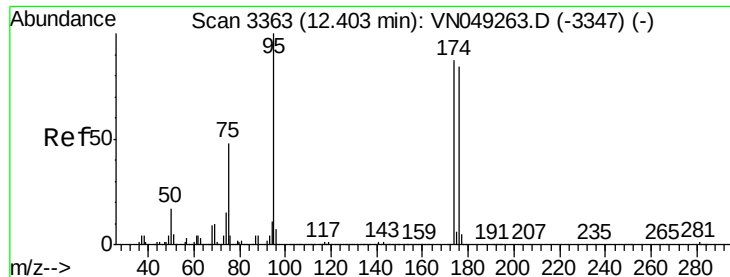
63 100

106 0.0 19.4 29.2#



Abundance Ion 62.90 (62.60 to 63.60): VN049613.D (-2427) (-)

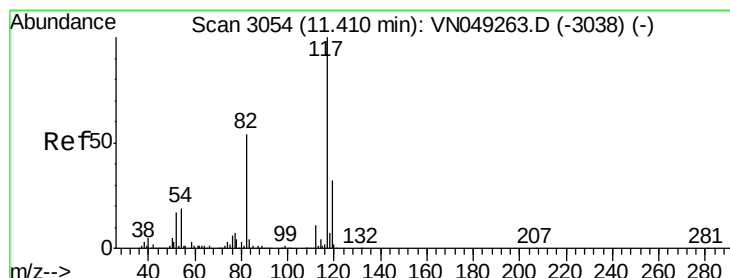
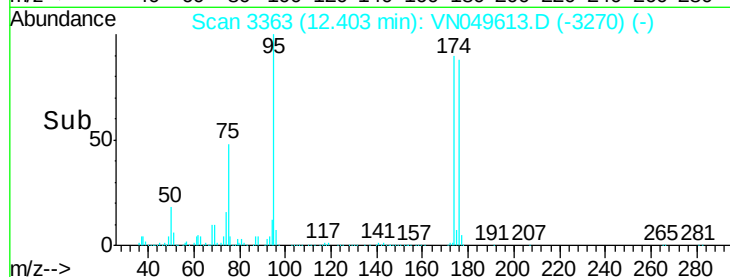
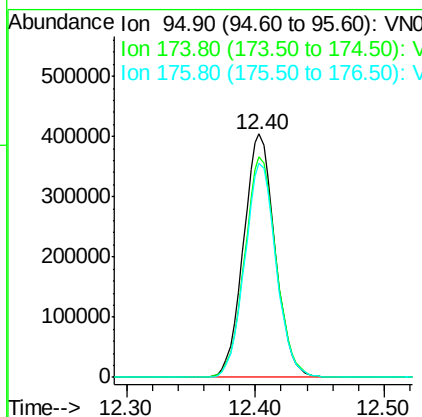
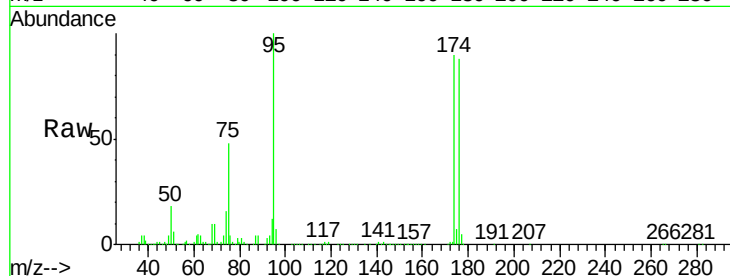




#62
4-Bromofluorobenzene
Concen: 38.25 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049613.D
Acq: 29 Jun 2018 2:09

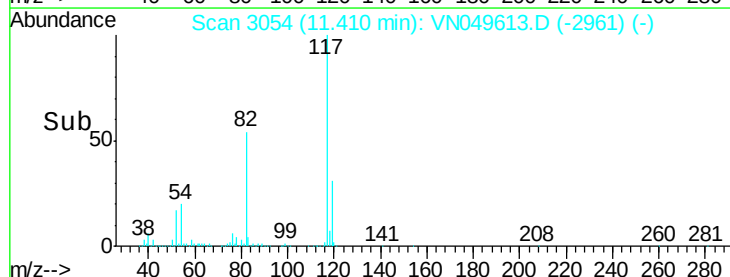
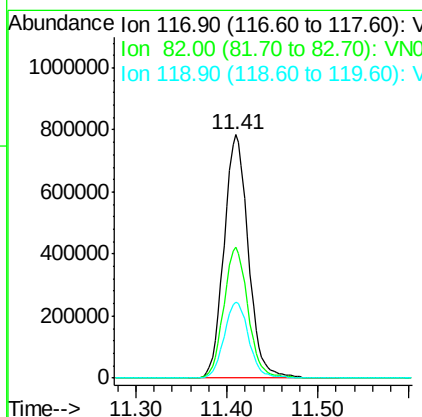
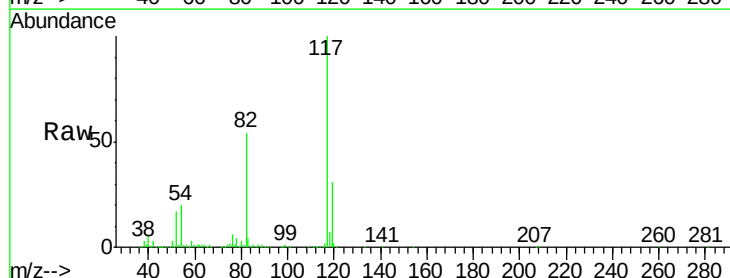
Instrument :
MSVOA_N
ClientSampled :

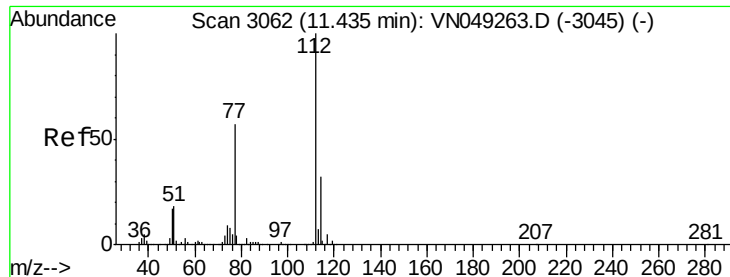
Tot Ion: 95 Resp: 685901
Ion Ratio Lower Upper
95 100
174 91.1 0.0 165.6
176 87.7 0.0 157.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049613.D
Acq: 29 Jun 2018 2:09

Tgt Ion: 117 Resp: 1458946
Ion Ratio Lower Upper
117 100
82 53.6 45.9 68.9
119 31.4 25.5 38.3

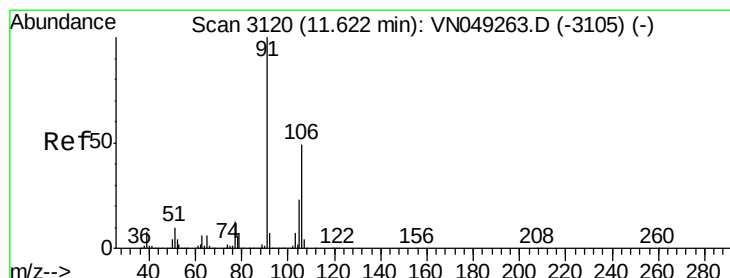
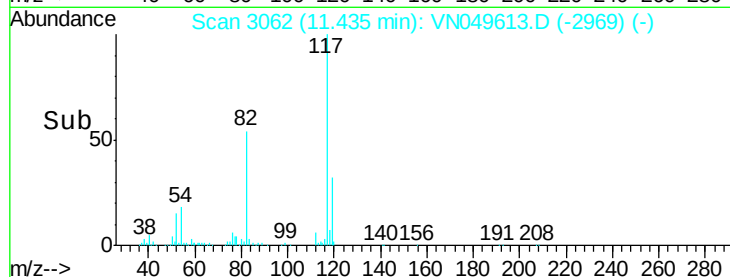
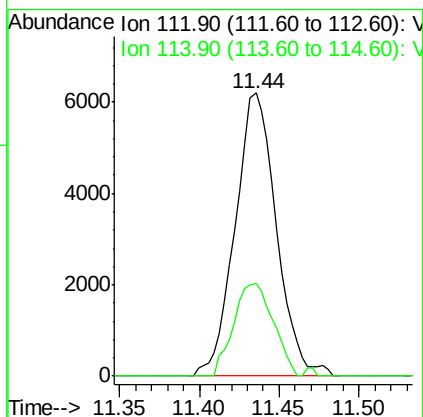
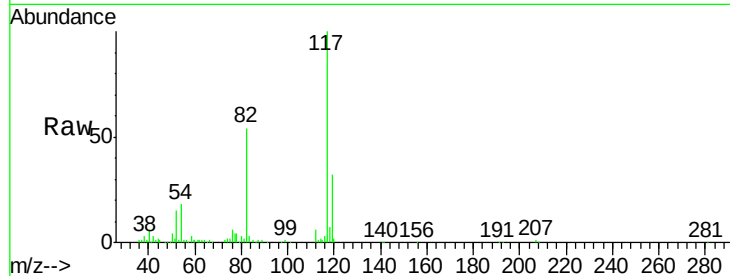




#65
Chlorobenzene
Concen: 0.29 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN049613.D
Acq: 29 Jun 2018 2:09

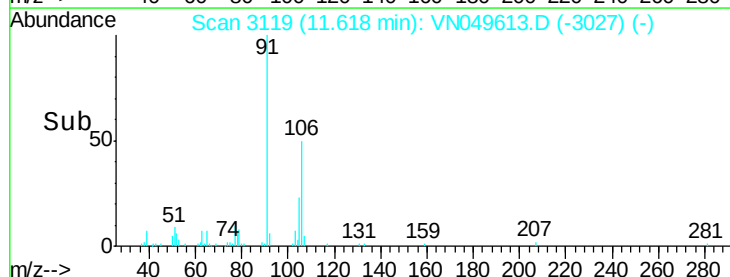
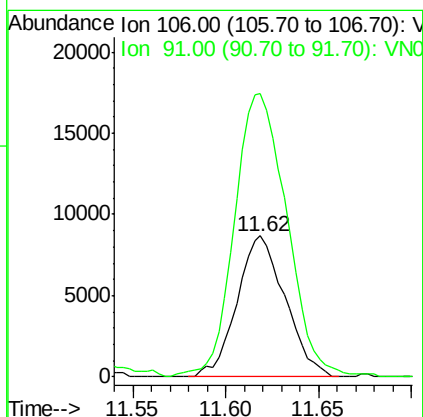
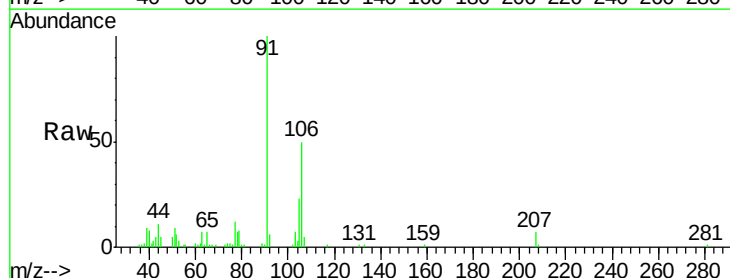
Instrument :
MSVOA_N
ClientSampleId :

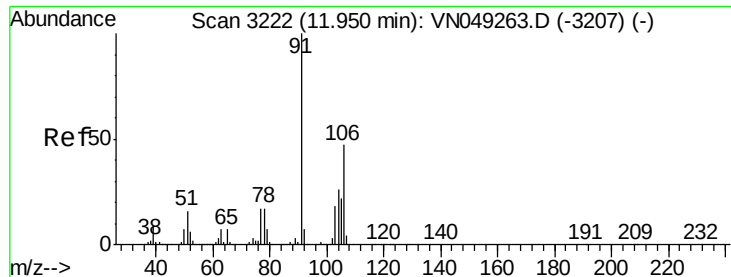
Tot Ion:112 Resp: 10896
Ion Ratio Lower Upper
112 100
114 32.7 26.2 39.4



#68
m/p-Xylenes
Concen: 0.67 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.00 min
Lab File: VN049613.D
Acq: 29 Jun 2018 2:09

Tgt Ion:106 Resp: 15669
Ion Ratio Lower Upper
106 100
91 219.1 167.3 250.9

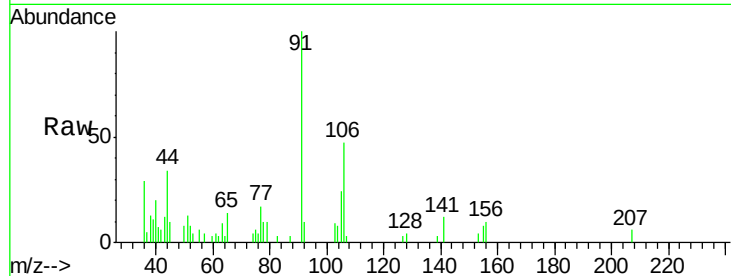




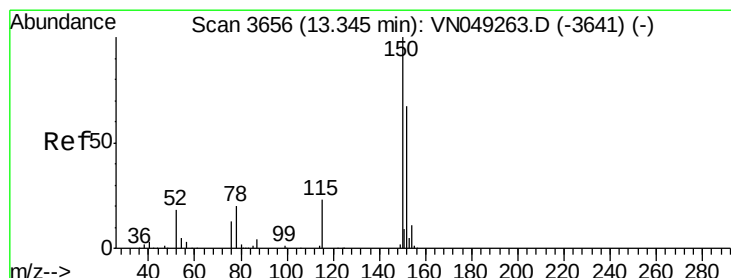
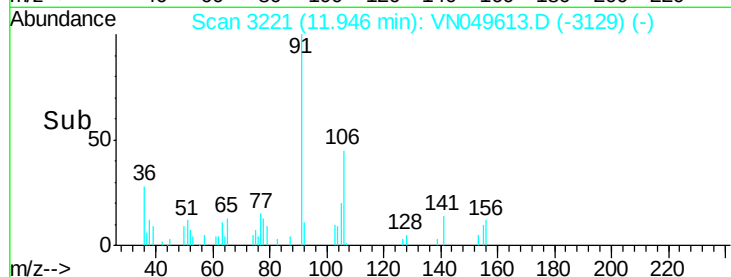
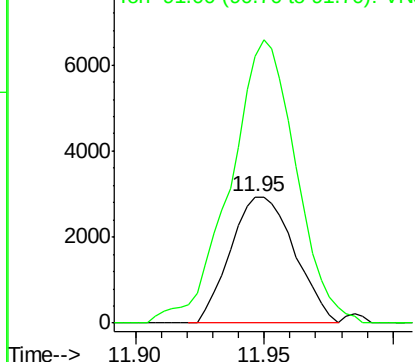
#69
o-Xylene
Concen: 0.23 ug/l
RT: 11.95 min Scan# 3221
Delta R.T. -0.00 min
Lab File: VN049613.D
Acq: 29 Jun 2018 2:09

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 5071
Ion Ratio Lower Upper
106 100
91 230.9 111.0 333.0

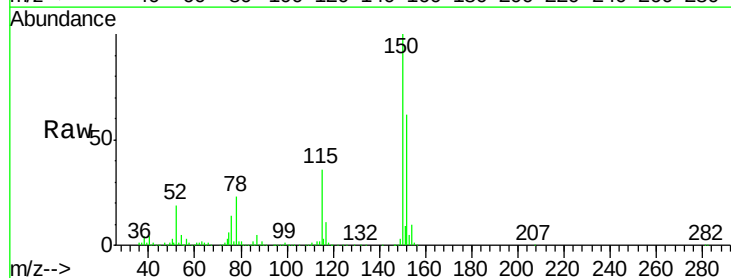


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

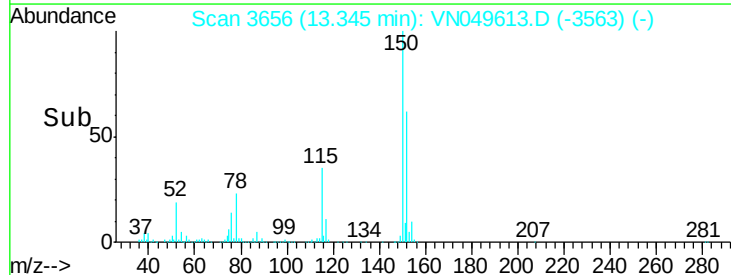
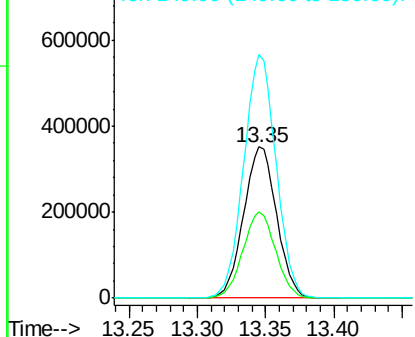


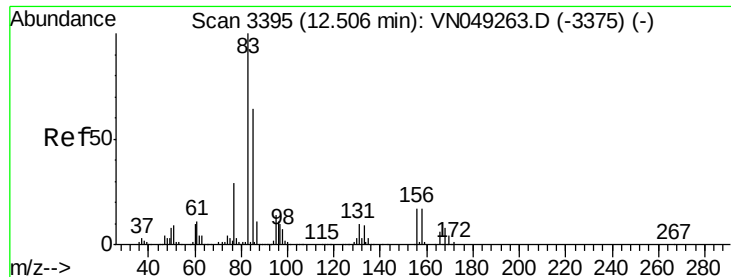
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN049613.D
Acq: 29 Jun 2018 2:09

Tgt Ion:152 Resp: 587841
Ion Ratio Lower Upper
152 100
115 56.4 28.7 86.1
150 158.5 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

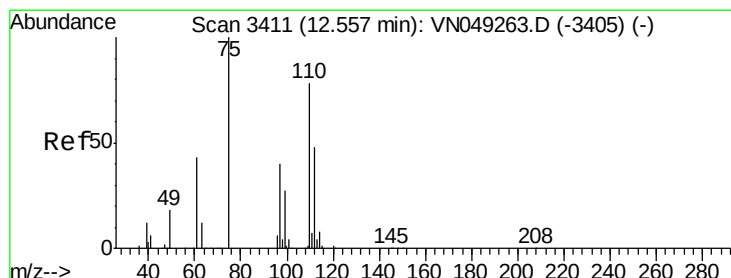
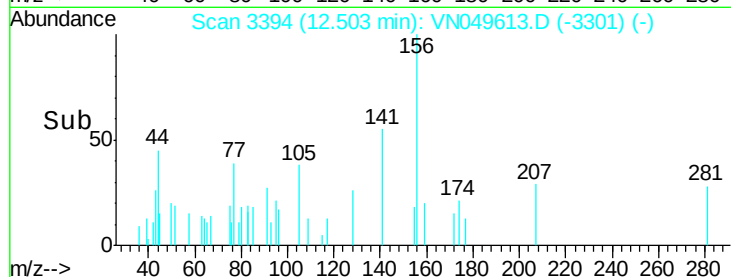
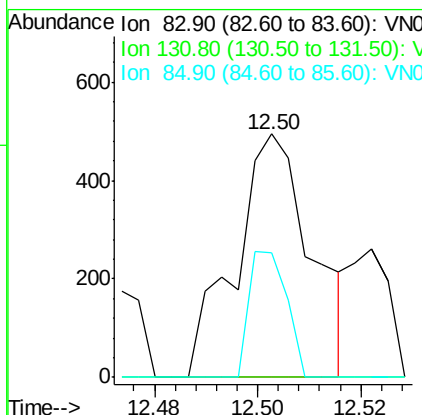
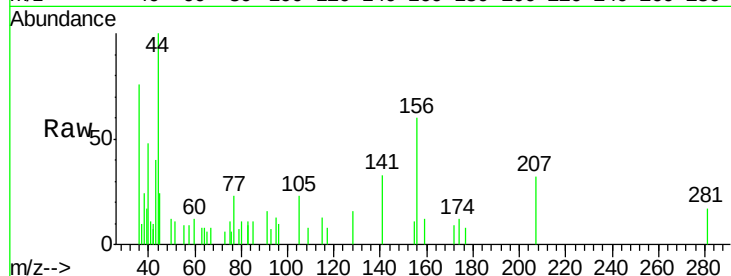




#75
 1,1,2,2-Tetrachloroethane
 Concen: Below Cal
 RT: 12.50 min Scan# 3394
 Delta R.T. -0.00 min
 Lab File: VN049613.D
 Acq: 29 Jun 2018 2:09

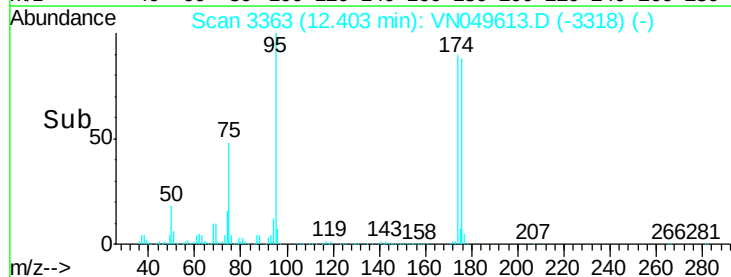
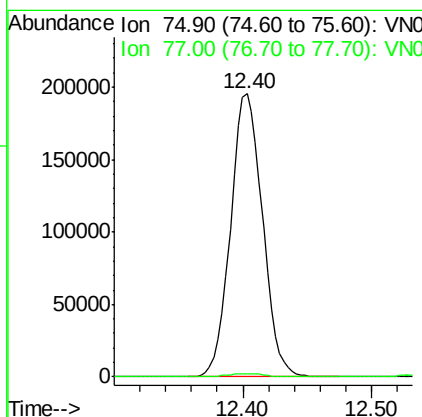
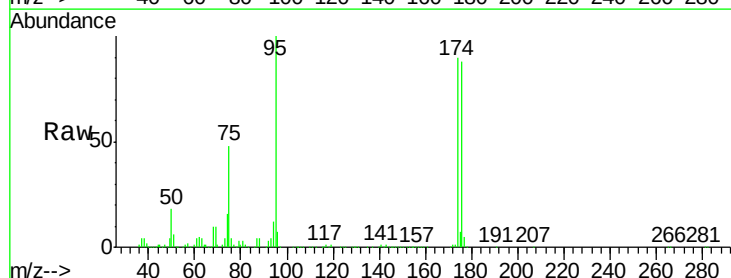
Instrument :
 MSVOA_N
 ClientSampled :

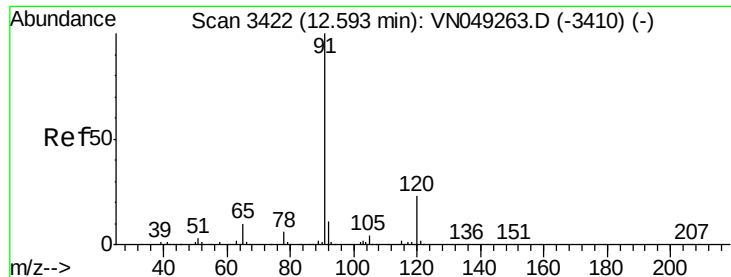
Tot Ion: 83 Resp: 507
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.0 15.0#
 85 25.2 32.0 96.0#



#76
 1,2,3-Trichloropropane
 Concen: 33.55 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. -0.15 min
 Lab File: VN049613.D
 Acq: 29 Jun 2018 2:09

Tgt Ion: 75 Resp: 336491
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#78

n-propylbenzene

Concen: 0.45 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. -0.00 min

Lab File: VN049613.D

Acq: 29 Jun 2018 2:09

Instrument :

MSVOA_N

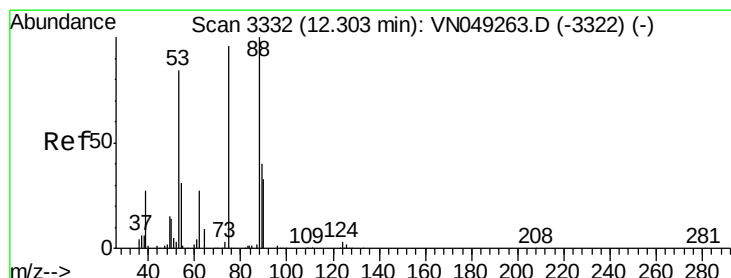
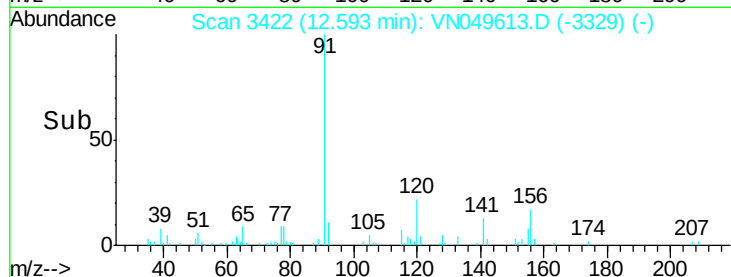
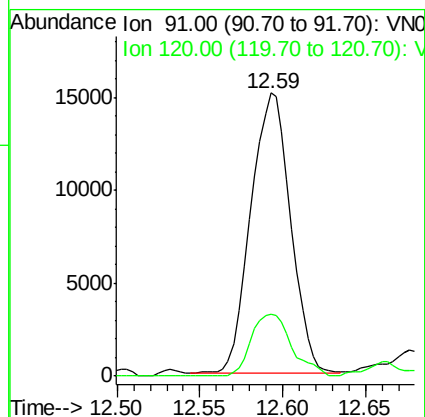
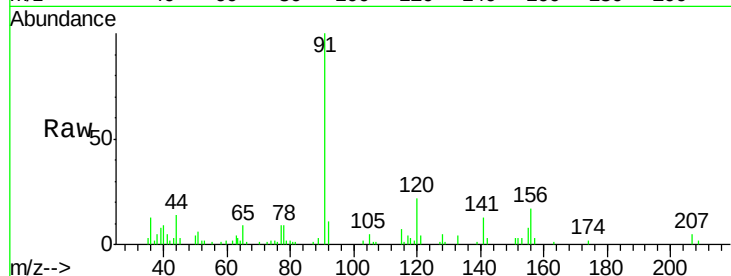
ClientSampleId :

Tot Ion: 91 Resp: 25298

Ion Ratio Lower Upper

91 100

120 22.5 11.2 33.5



#81

trans-1,4-Dichloro-2-butene

Concen: 106.03 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049613.D

Acq: 29 Jun 2018 2:09

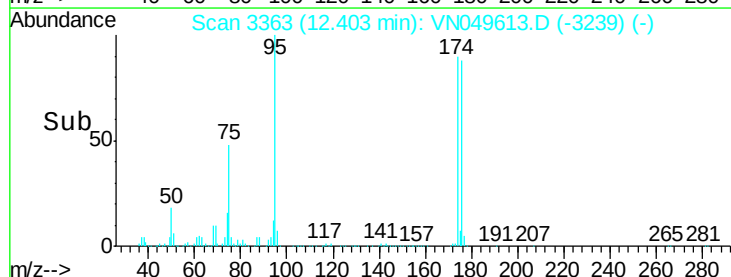
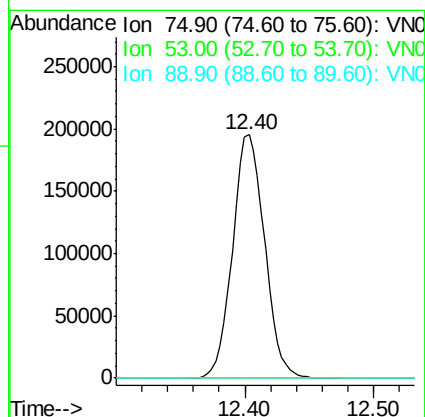
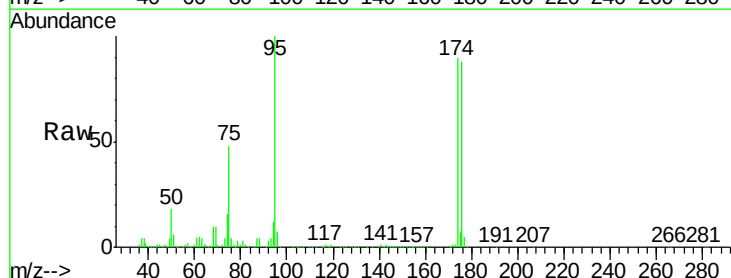
Tgt Ion: 75 Resp: 336491

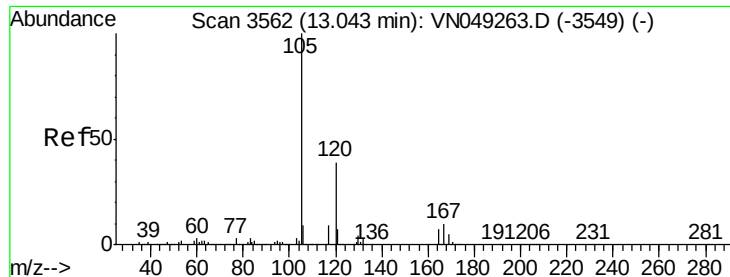
Ion Ratio Lower Upper

75 100

53 0.2 82.7 124.1#

89 0.0 36.5 54.7#





#84

1,2,4-Trimethylbenzene

Concen: 0.25 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. -0.00 min

Lab File: VN049613.D

Acq: 29 Jun 2018 2:09

Instrument :

MSVOA_N

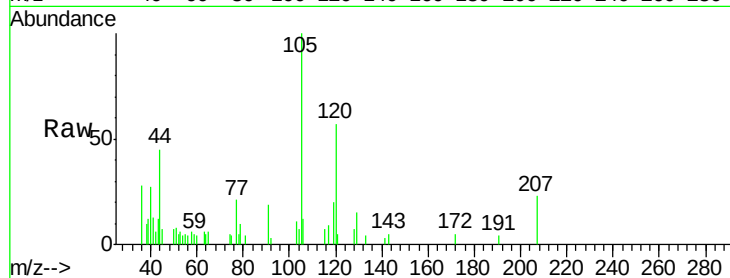
ClientSampleId :

Tot Ion:105 Resp: 10022

Ion Ratio Lower Upper

105 100

120 42.3 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

13.04

6000

5000

4000

3000

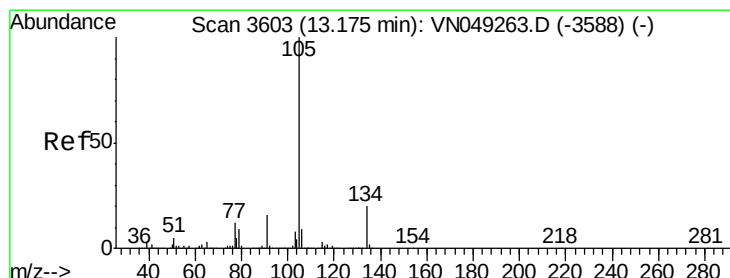
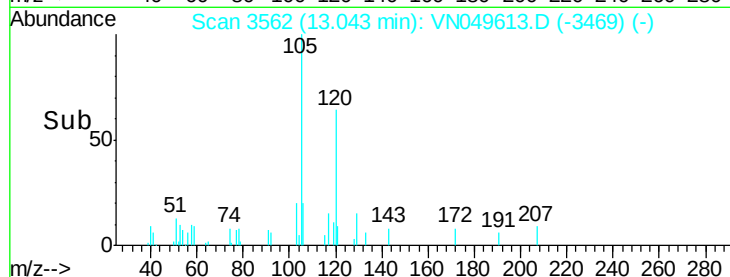
2000

1000

0

Time-->

13.00 13.05 13.10



#85

sec-Butylbenzene

Concen: 0.33 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. -0.00 min

Lab File: VN049613.D

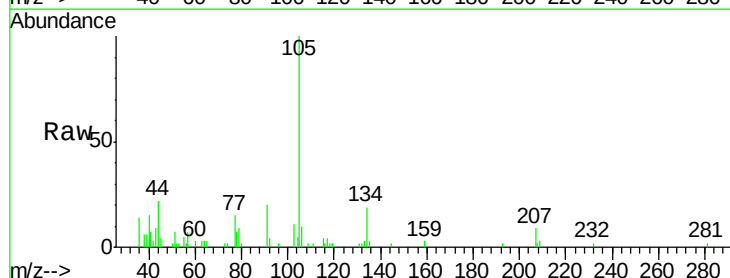
Acq: 29 Jun 2018 2:09

Tgt Ion:105 Resp: 15558

Ion Ratio Lower Upper

105 100

134 25.3 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

10000

8000

6000

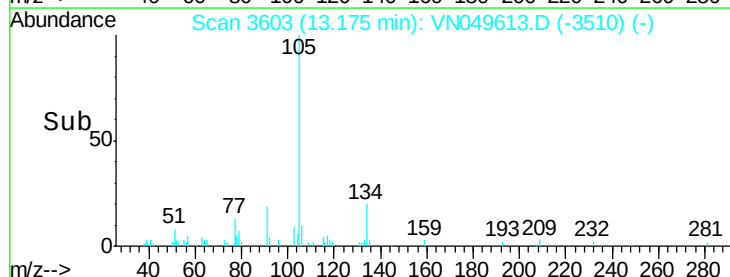
4000

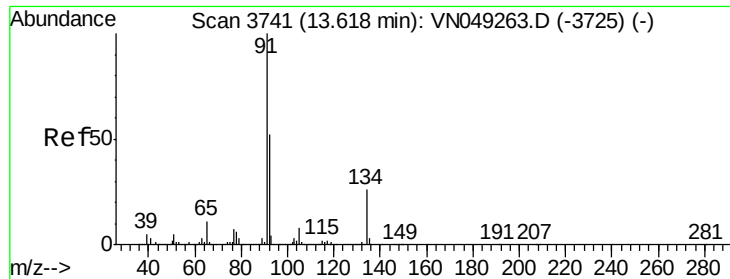
2000

0

Time-->

13.10 13.15 13.20

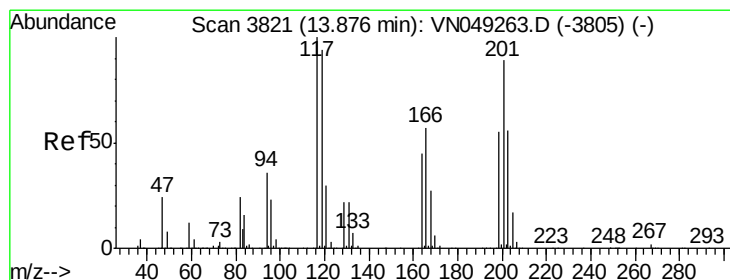
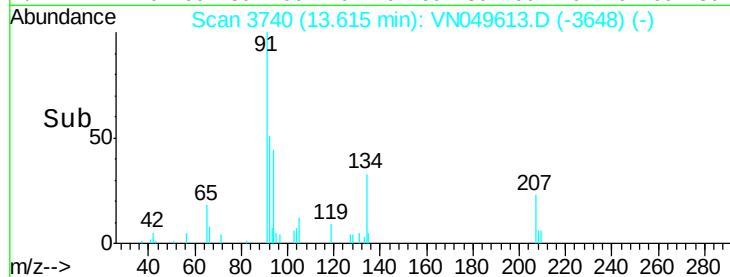
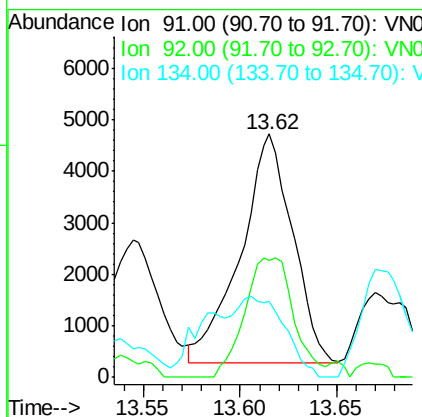
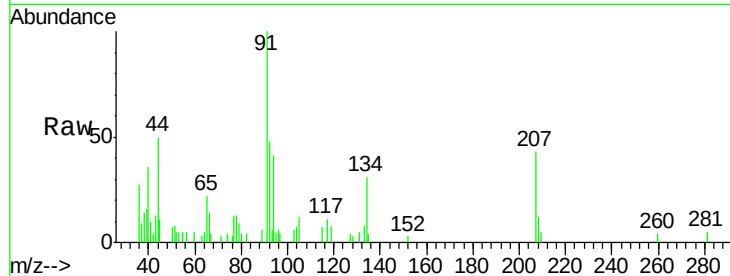




#89
n-Butylbenzene
Concen: 0.27 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. -0.00 min
Lab File: VN049613.D
Acq: 29 Jun 2018 2:09

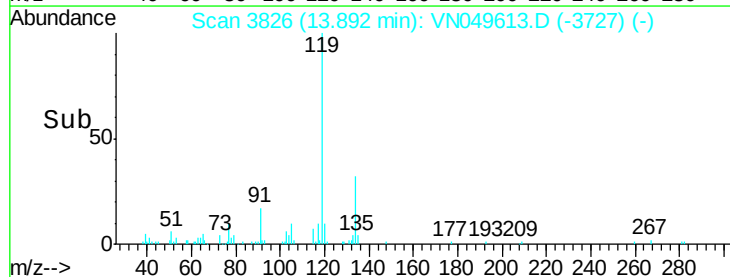
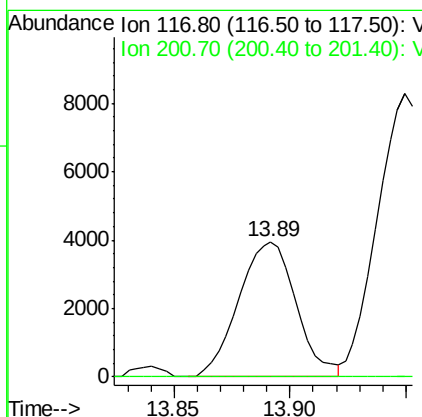
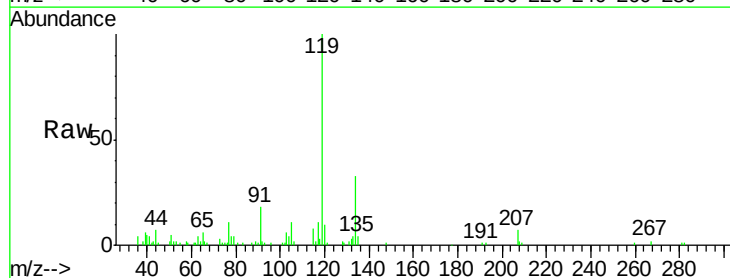
Instrument :
MSVOA_N
ClientSampleId :

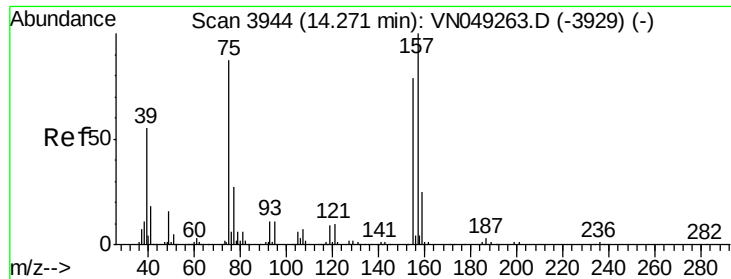
Tot Ion: 91 Resp: 8288
Ion Ratio Lower Upper
91 100
92 49.1 25.1 75.4
134 31.3 12.0 36.0



#90
Hexachloroethane
Concen: Below Cal
RT: 13.89 min Scan# 3826
Delta R.T. 0.02 min
Lab File: VN049613.D
Acq: 29 Jun 2018 2:09

Tgt Ion: 117 Resp: 6812
Ion Ratio Lower Upper
117 100
201 0.0 40.1 120.2#

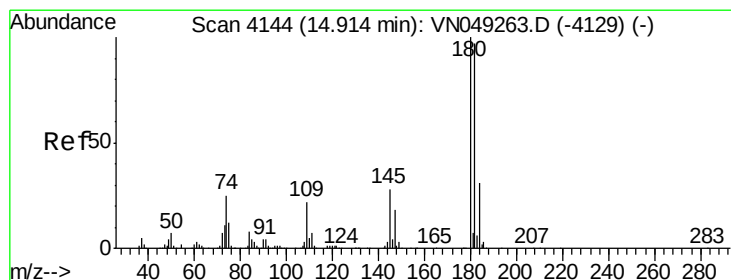
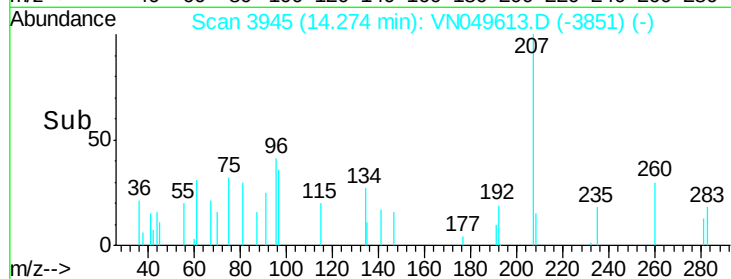
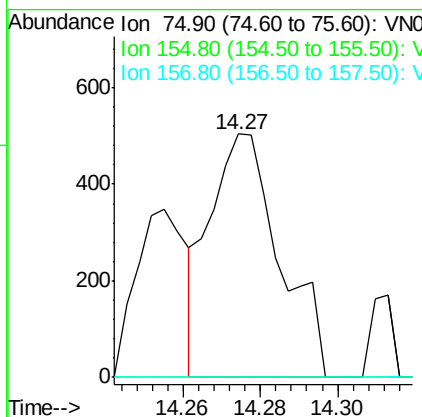
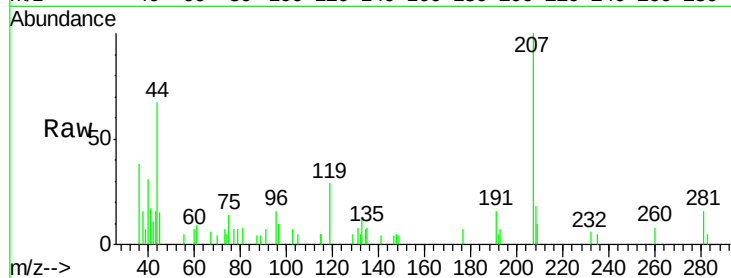




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.35 ug/l
 RT: 14.27 min Scan# 3945
 Delta R.T. 0.00 min
 Lab File: VN049613.D
 Acq: 29 Jun 2018 2:09

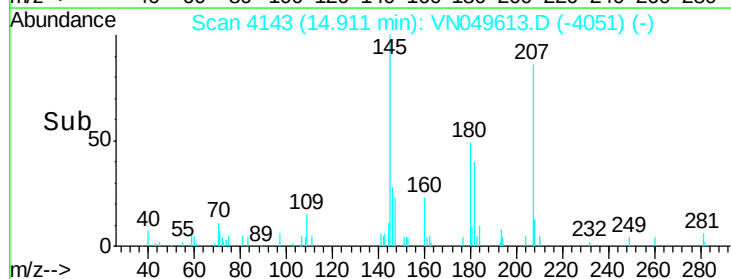
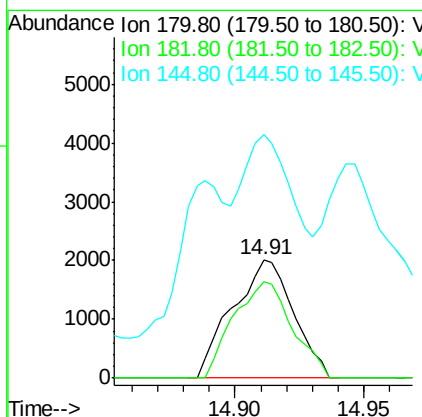
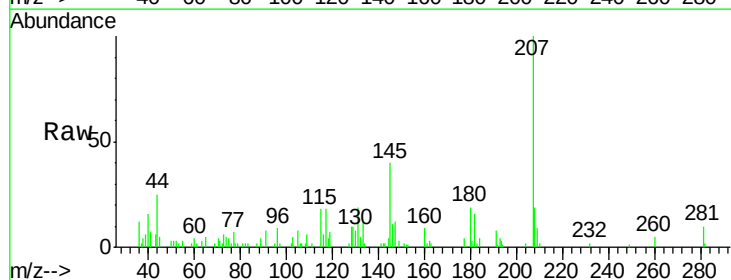
Instrument :
 MSVOA_N
 ClientSampleId :

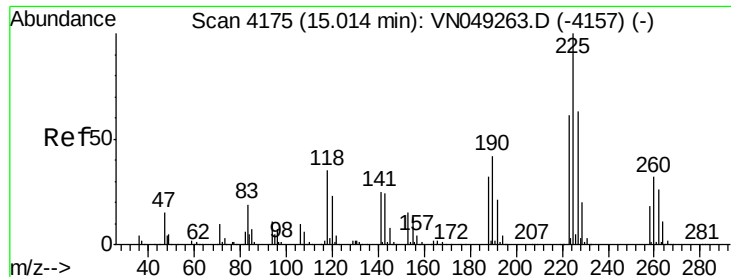
Tot Ion: 75 Resp: 631
 Ion Ratio Lower Upper
 75 100
 155 0.0 38.8 116.3#
 157 0.0 51.0 153.1#



#93
 1,2,4-Trichlorobenzene
 Concen: 5.04 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. -0.00 min
 Lab File: VN049613.D
 Acq: 29 Jun 2018 2:09

Tgt Ion: 180 Resp: 3302
 Ion Ratio Lower Upper
 180 100
 182 78.8 46.9 140.8
 145 197.8 14.7 44.1#





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4174

Delta R.T. -0.00 min

Lab File: VN049613.D

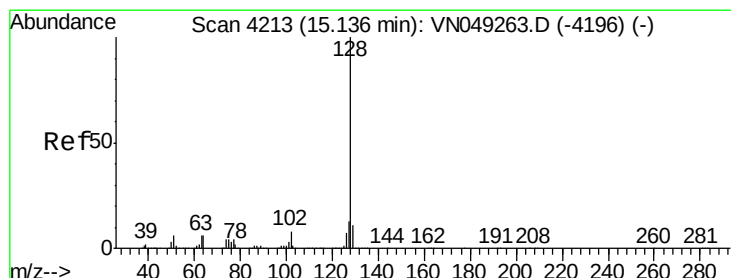
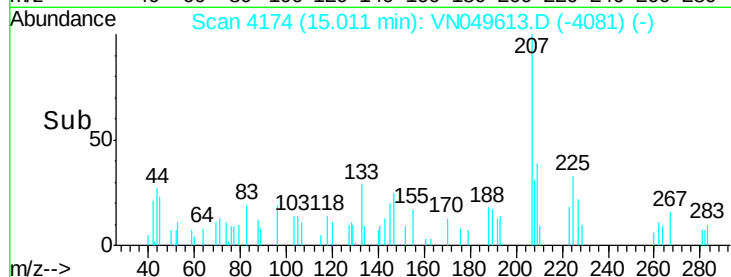
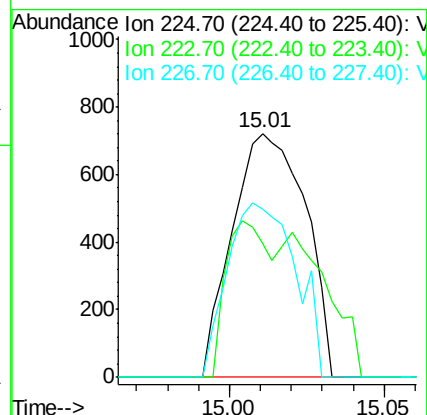
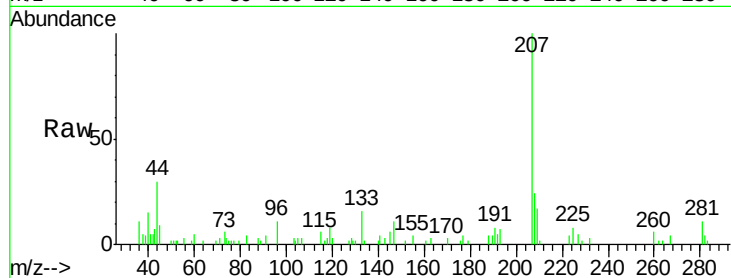
Acq: 29 Jun 2018 2:09

Instrument :

MSVOA_N

ClientSampled :

Tot Ion:225	Resp:	1186
Ion Ratio	Lower	Upper
225	100	
223	38.3	32.1 96.3
227	66.9	31.8 95.3



#95

Naphthalene

Concen: 8.31 ug/l

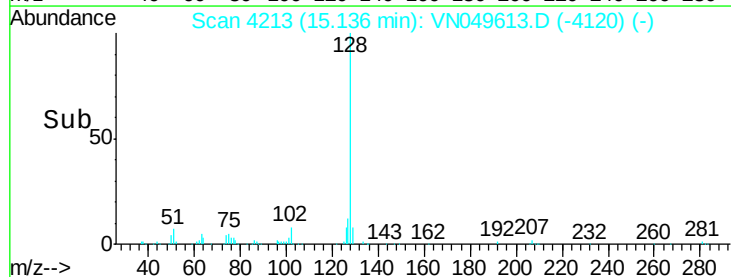
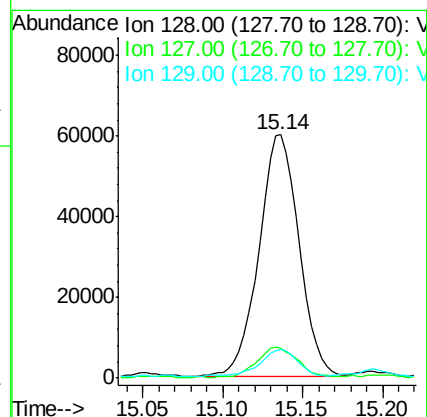
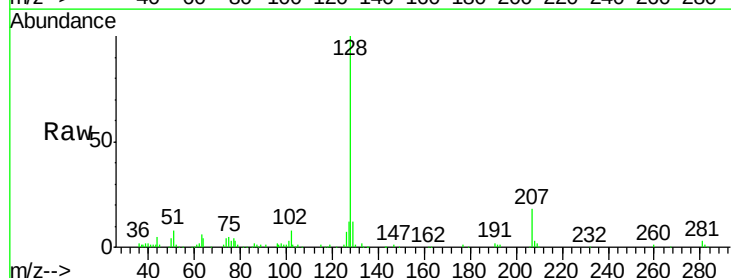
RT: 15.14 min Scan# 4213

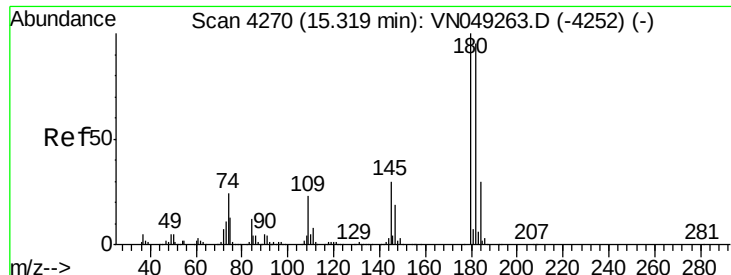
Delta R.T. 0.00 min

Lab File: VN049613.D

Acq: 29 Jun 2018 2:09

Tgt Ion:128	Resp:	103370
Ion Ratio	Lower	Upper
128	100	
127	12.7	10.6 16.0
129	10.9	8.5 12.7





#96
 1,2,3-Trichlorobenzene
 Concen: 3.79 ug/l
 RT: 15.32 min Scan# 4270
 Delta R.T. 0.00 min
 Lab File: VN049613.D
 Acq: 29 Jun 2018 2:09

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	81.6	47.3	141.8
145	105.6	15.6	46.7#

