

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
 Data File : VN049272.D
 Acq On : 15 Jun 2018 21:00
 Operator : MD\SY
 Sample : PB110255ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 16 01:24:28 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	1262333	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1991230	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1635437	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	428058	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	823195	49.17	ug/l	0.00
Spiked Amount			Recovery	=	98.34%	
35) Dibromofluoromethane	7.59	113	740622	45.97	ug/l	0.00
Spiked Amount			Recovery	=	91.94%	
50) Toluene-d8	10.09	98	2725705	44.44	ug/l	0.00
Spiked Amount			Recovery	=	88.88%	
62) 4-Bromofluorobenzene	12.41	95	657766	32.43	ug/l	0.00
Spiked Amount			Recovery	=	64.86%	

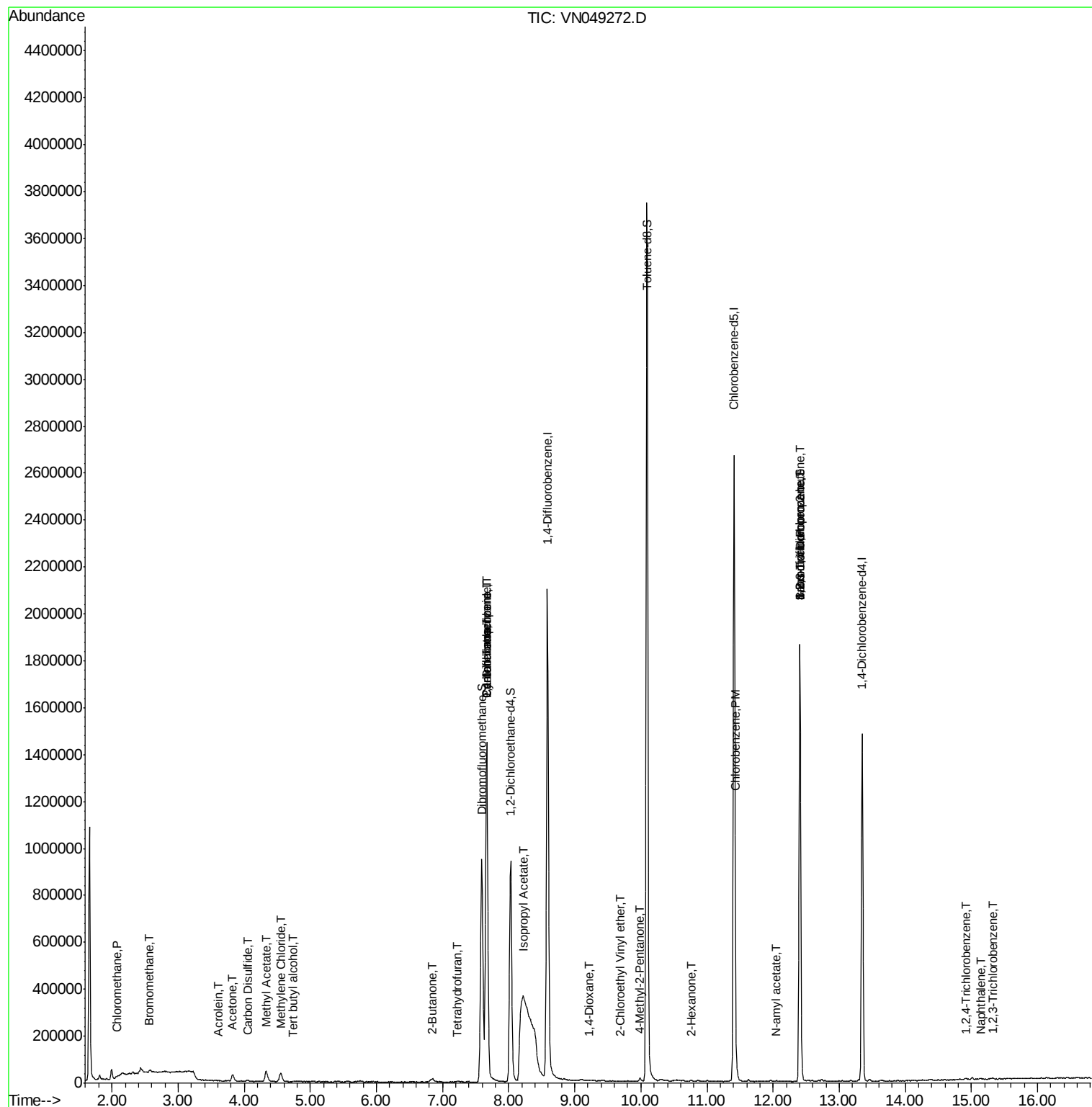
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	4248	0.23	ug/l	100
5) Bromomethane	2.57	94	5353	0.51	ug/l	85
11) Tert butyl alcohol	4.73	59	539	0.55	ug/l #	70
13) Acrolein	3.61	56	689	0.67	ug/l #	46
16) Acetone	3.82	43	46974	11.56	ug/l	93
17) Carbon Disulfide	4.05	76	12047	0.27	ug/l	97
18) Methyl Acetate	4.33	43	84528	6.82	ug/l	94
20) Methylene Chloride	4.55	84	28401	1.67	ug/l #	84
25) 2-Butanone	6.85	43	10829	1.98	ug/l	91
29) Tetrahydrofuran	7.23	42	2157	0.61	ug/l #	46
31) Cyclohexane	7.67	56	23742	0.79	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	88095	3.86	ug/l #	51
38) Carbon Tetrachloride	7.67	117	112977	4.78	ug/l #	16
43) Isopropyl Acetate	8.23	43	924241	38.99	ug/l #	64
49) 1,4-Dioxane	9.21	88	110	0.71	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	10539	0.85	ug/l	90
58) 2-Chloroethyl Vinyl ether	9.69	63	68	14.34	ug/l #	51
59) 2-Hexanone	10.77	43	2098	0.26	ug/l	75
65) Chlorobenzene	11.44	112	26854	0.64	ug/l	100
71) Bromoform	12.41	173	4690	0.46	ug/l #	1
74) N-amyl acetate	12.04	43	3532	0.38	ug/l #	48
75) 1,1,2,2-Tetrachloroethane	12.50	83	62	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.41	75	318607	43.62	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.41	75	318607	137.87	ug/l #	9
90) Hexachloroethane	13.89	117	77	Below Cal	#	25
93) 1,2,4-Trichlorobenzene	14.92	180	1492	4.93	ug/l #	62
94) Hexachlorobutadiene	15.02	225	1931	Below Cal		91
95) Naphthalene	15.14	128	3448	2.37	ug/l #	83
96) 1,2,3-Trichlorobenzene	15.31	180	1533	3.66	ug/l	94

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049272.D

Acq: 15 Jun 2018 21:00

Instrument :

MSVOA_N

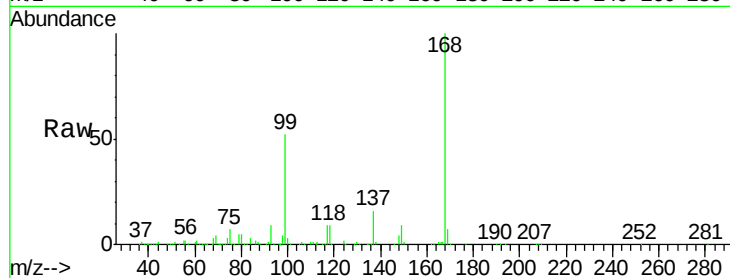
ClientSampled :

Tot Ion:168 Resp: 1262333

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

600000

500000

400000

300000

200000

100000

0

7.67

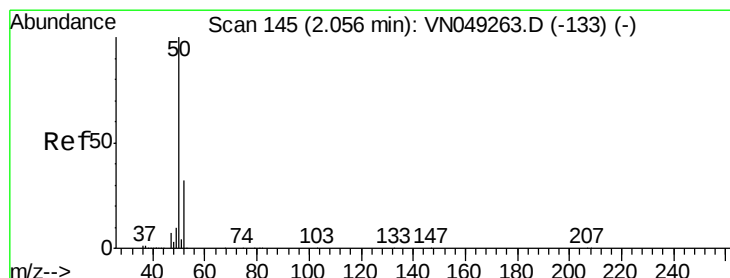
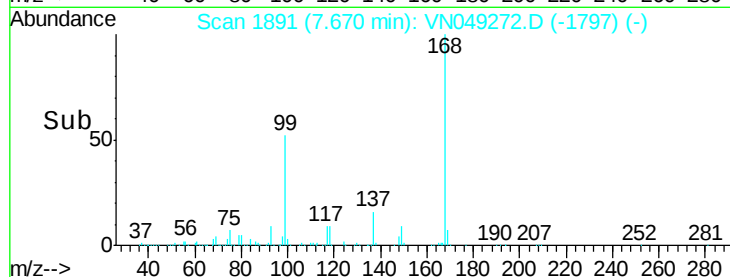
7.60

7.70

7.80

7.90

Time-->



#3

Chloromethane

Concen: 0.23 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN049272.D

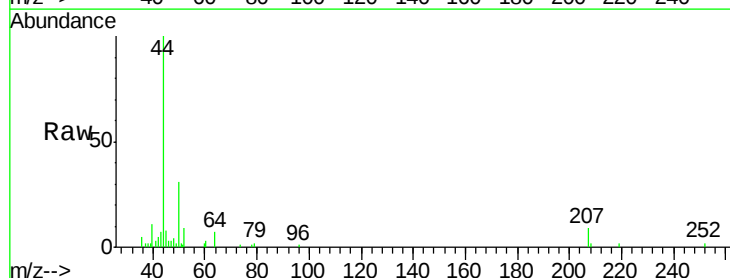
Acq: 15 Jun 2018 21:00

Tgt Ion: 50 Resp: 4248

Ion Ratio Lower Upper

50 100

52 31.7 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

4000

3000

2000

1000

0

2.06

2.02

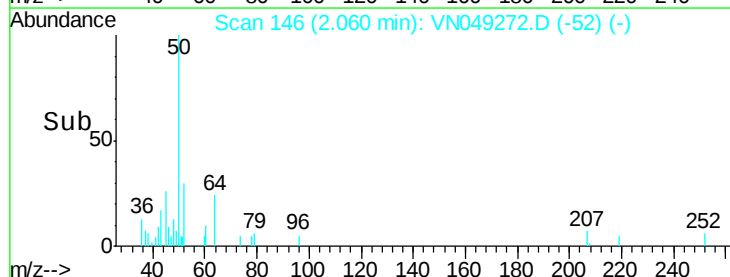
2.04

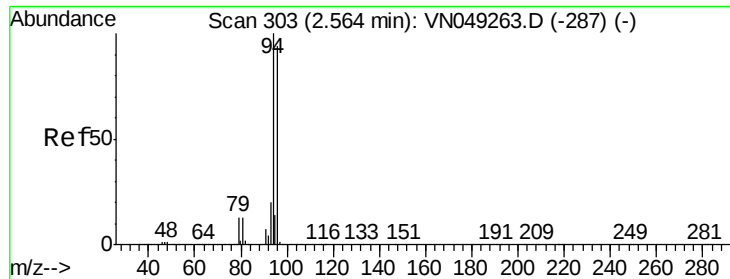
2.06

2.08

2.10

Time-->





#5

Bromomethane

Concen: 0.51 ug/l

RT: 2.57 min Scan# 305

Delta R.T. 0.01 min

Lab File: VN049272.D

Acq: 15 Jun 2018 21:00

Instrument :

MSVOA_N

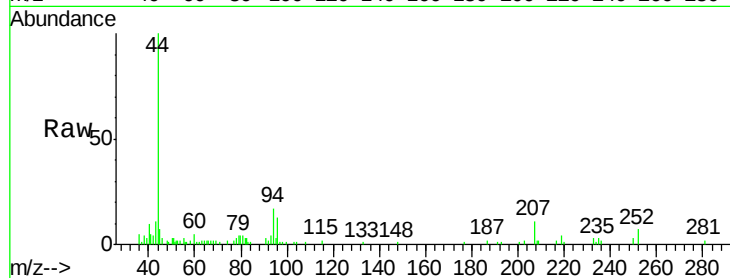
ClientSampled :

Tot Ion: 94 Resp: 5353

Ion Ratio Lower Upper

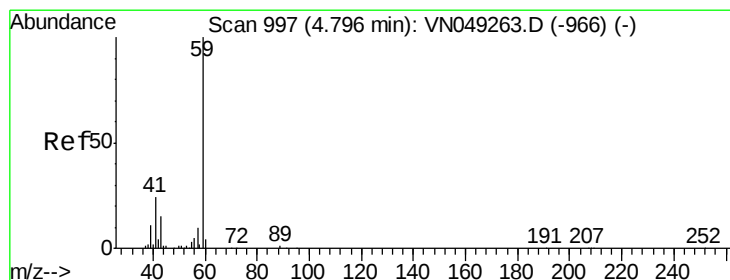
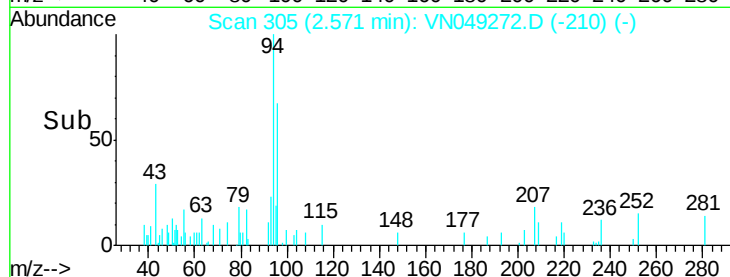
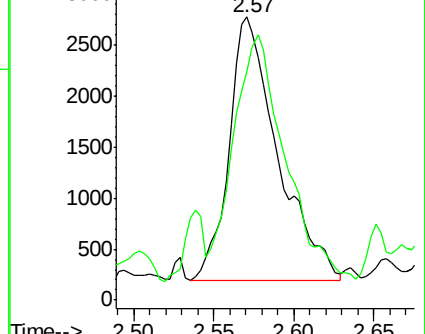
94 100

96 76.4 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#11

Tert butyl alcohol

Concen: 0.55 ug/l

RT: 4.73 min Scan# 978

Delta R.T. -0.06 min

Lab File: VN049272.D

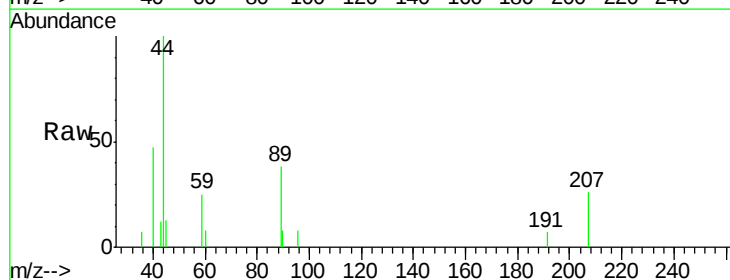
Acq: 15 Jun 2018 21:00

Tgt Ion: 59 Resp: 539

Ion Ratio Lower Upper

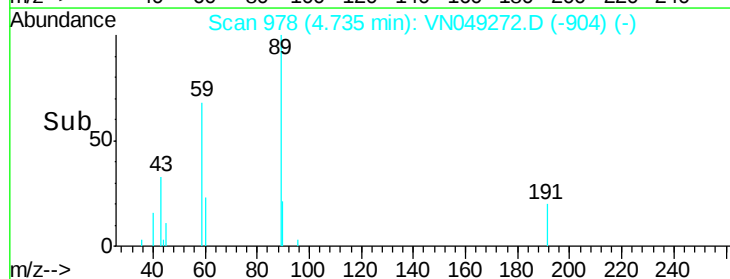
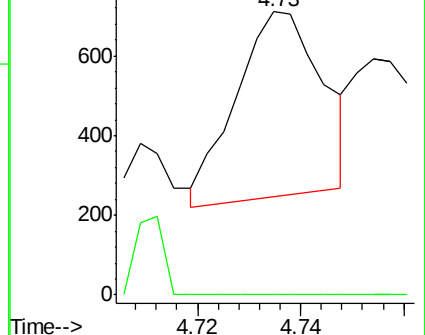
59 100

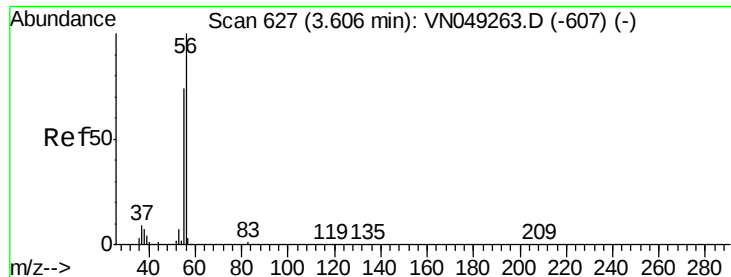
57 0.0 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0





#13

Acrolein

Concen: 0.67 ug/l

RT: 3.61 min Scan# 629

Delta R.T. 0.01 min

Lab File: VN049272.D

Acq: 15 Jun 2018 21:00

Instrument :

MSVOA_N

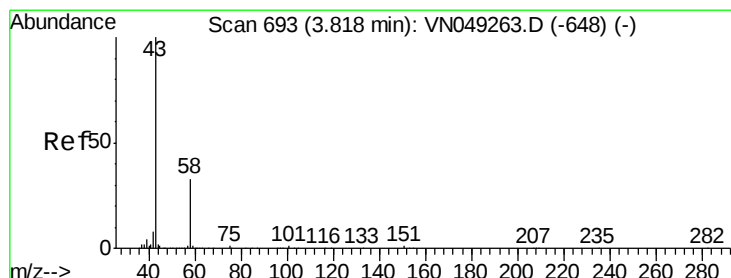
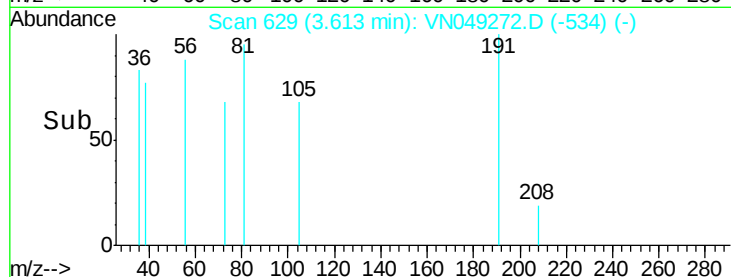
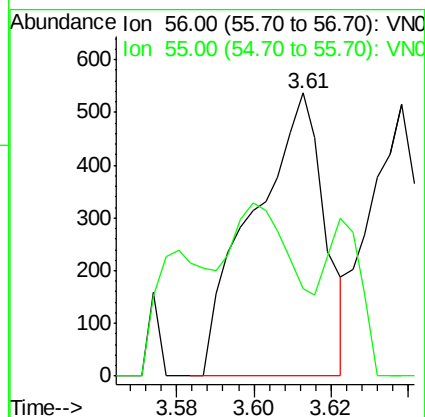
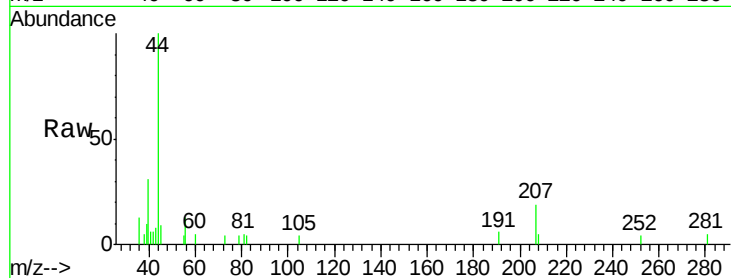
ClientSampled :

Tot Ion: 56 Resp: 689

Ion Ratio Lower Upper

56 100

55 26.7 57.1 85.7#



#16

Acetone

Concen: 11.56 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049272.D

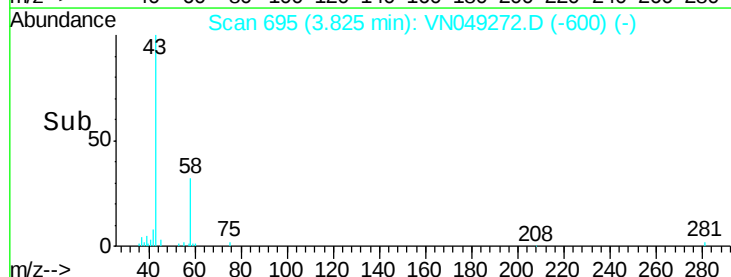
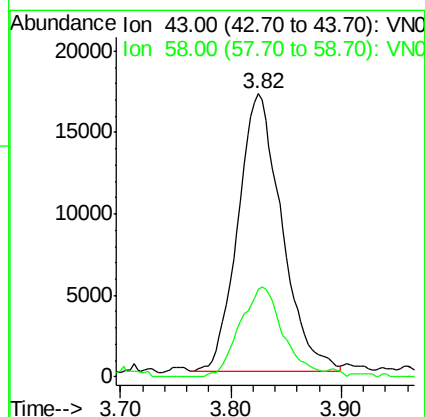
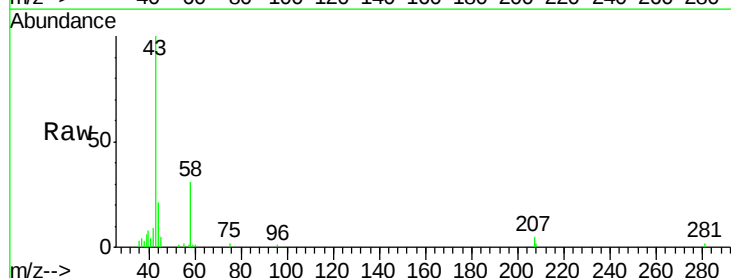
Acq: 15 Jun 2018 21:00

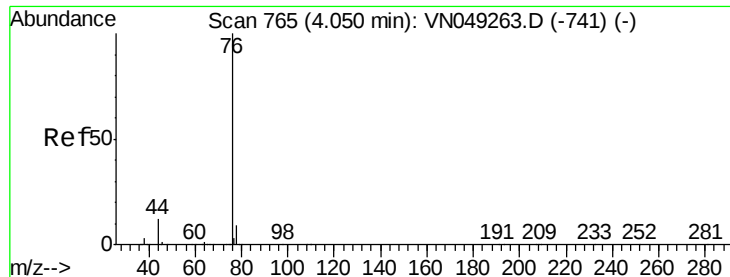
Tgt Ion: 43 Resp: 46974

Ion Ratio Lower Upper

43 100

58 31.5 22.4 33.6

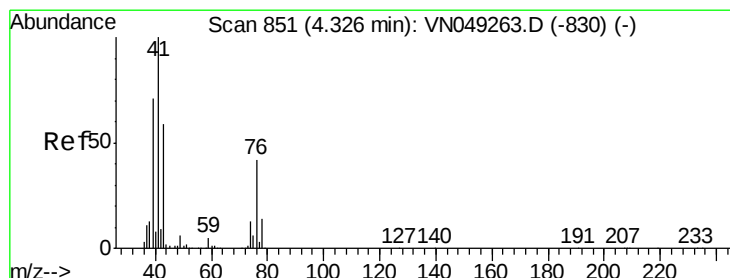
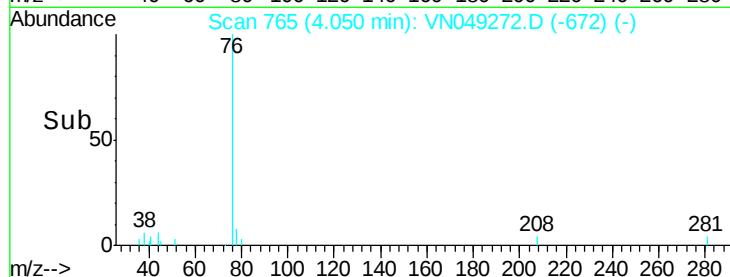
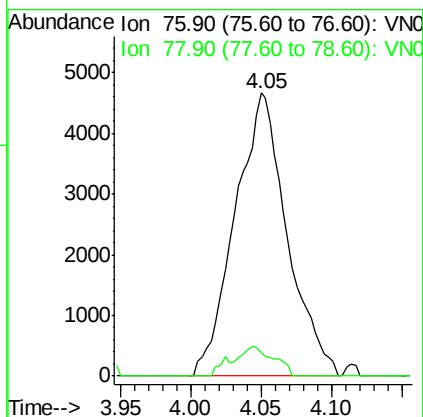
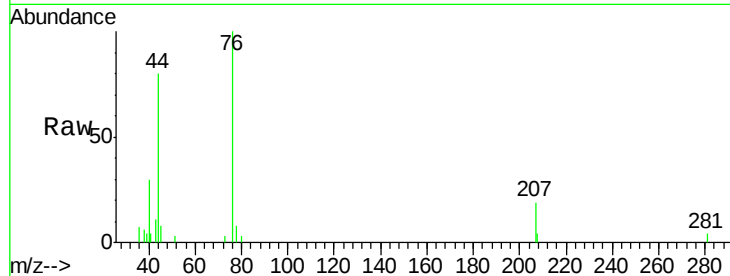




#17
Carbon Disulfide
Concen: 0.27 ug/l
RT: 4.05 min Scan# 765
Delta R.T. 0.00 min
Lab File: VN049272.D
Acq: 15 Jun 2018 21:00

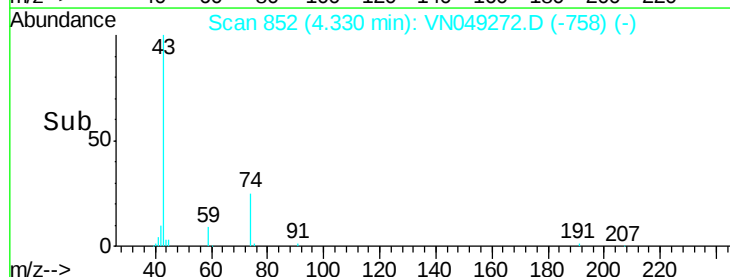
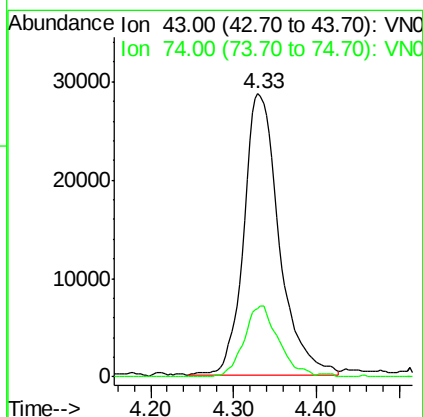
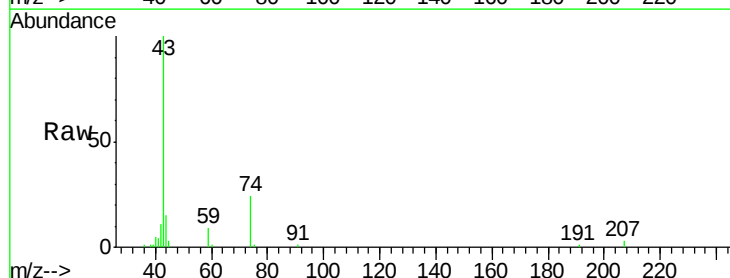
Instrument :
MSVOA_N
ClientSampled :

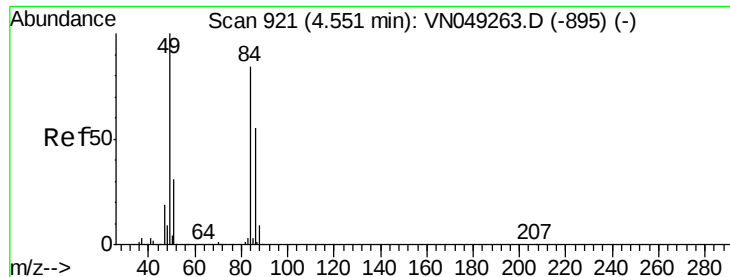
Tot Ion: 76 Resp: 12047
Ion Ratio Lower Upper
76 100
78 8.1 7.4 11.0



#18
Methyl Acetate
Concen: 6.82 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049272.D
Acq: 15 Jun 2018 21:00

Tgt Ion: 43 Resp: 84528
Ion Ratio Lower Upper
43 100
74 24.7 17.4 26.0

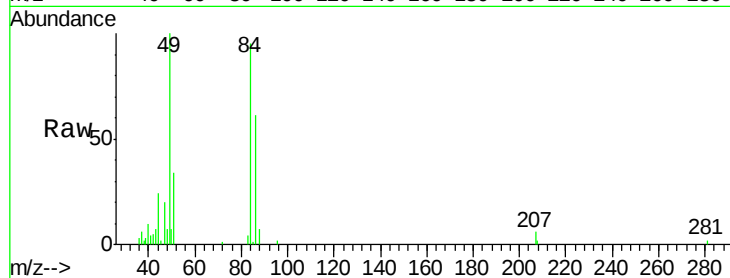




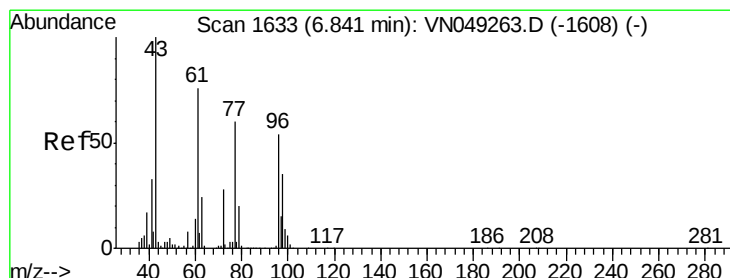
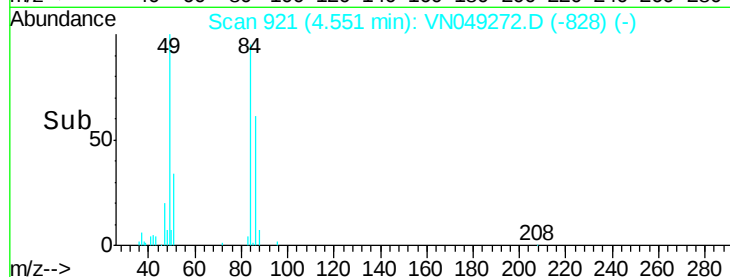
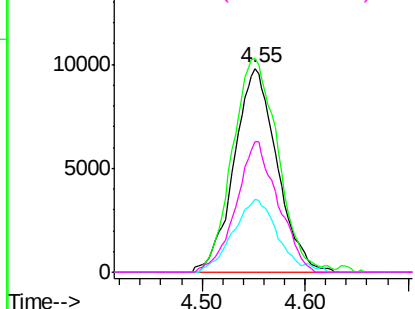
#20
Methvlene Chloride
Concen: 1.67 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049272.D
Acq: 15 Jun 2018 21:00

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 84 Resp: 28401
Ion Ratio Lower Upper
84 100
49 104.7 106.9 160.3#
51 35.8 32.7 49.1
86 64.3 49.8 74.8

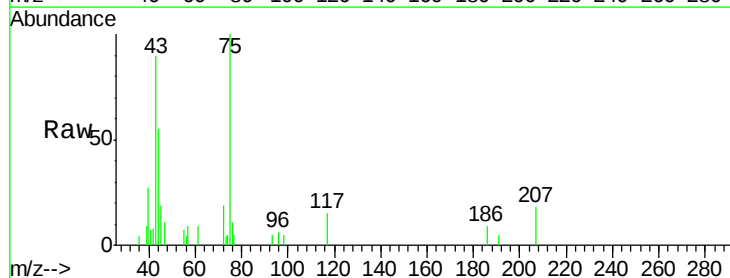


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

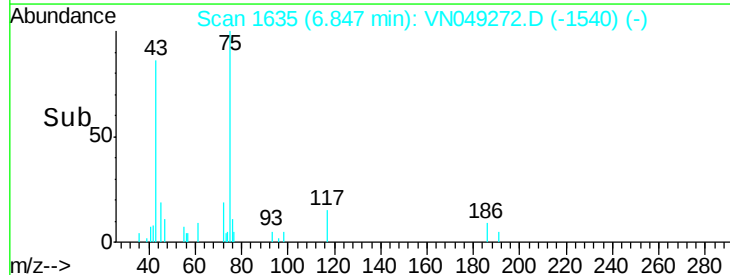
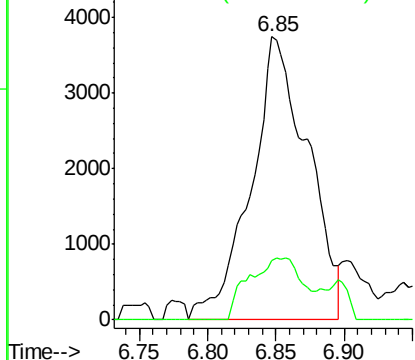


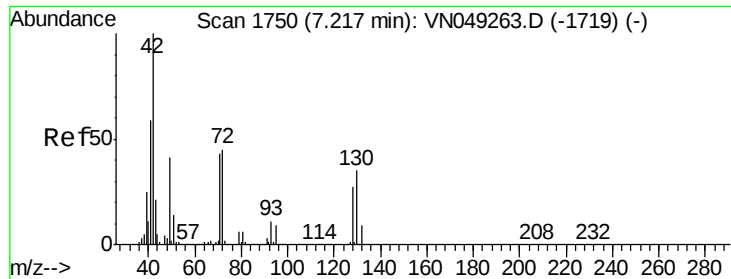
#25
2-Butanone
Concen: 1.98 ug/l
RT: 6.85 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VN049272.D
Acq: 15 Jun 2018 21:00

Tgt Ion: 43 Resp: 10829
Ion Ratio Lower Upper
43 100
72 20.9 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0

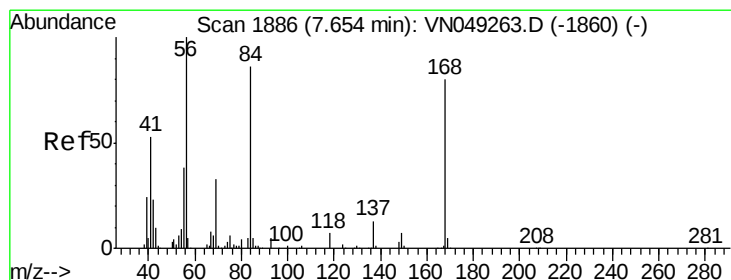
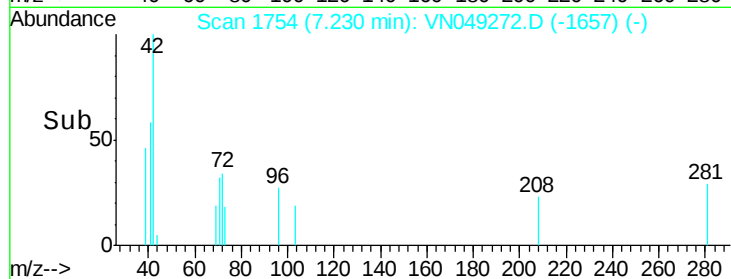
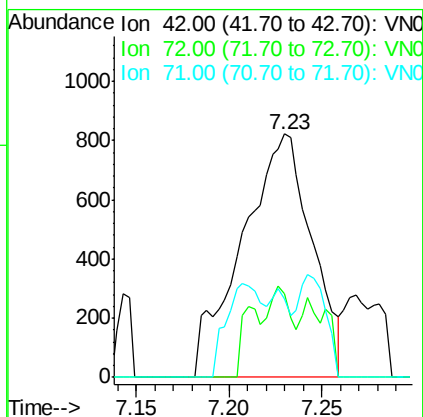
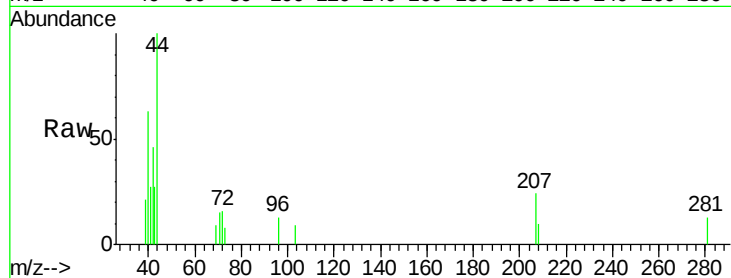




#29
Tetrahydrofuran
Concen: 0.61 ug/l
RT: 7.23 min Scan# 1754
Delta R.T. 0.01 min
Lab File: VN049272.D
Acq: 15 Jun 2018 21:00

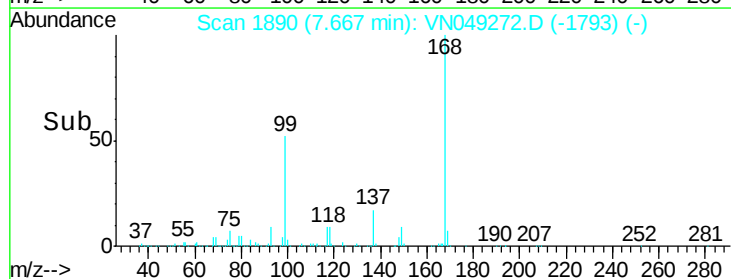
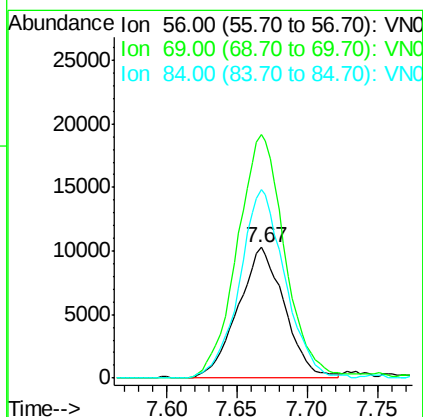
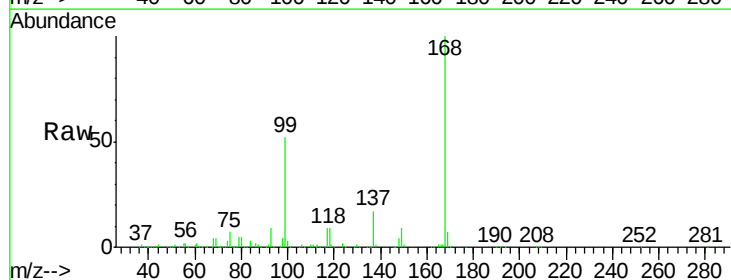
Instrument :
MSVOA_N
ClientSampled :

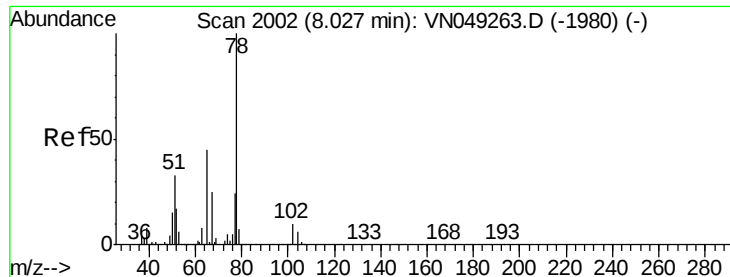
Tot Ion: 42 Resp: 2157
Ion Ratio Lower Upper
42 100
72 12.7 32.2 48.4#
71 0.0 30.5 45.7#



#31
Cyclohexane
Concen: 0.79 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VN049272.D
Acq: 15 Jun 2018 21:00

Tgt Ion: 56 Resp: 23742
Ion Ratio Lower Upper
56 100
69 186.1 25.0 37.4#
84 144.1 64.6 96.8#





#33

1,2-Dichloroethane-d4

Concen: 49.17 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049272.D

Acq: 15 Jun 2018 21:00

Instrument :

MSVOA_N

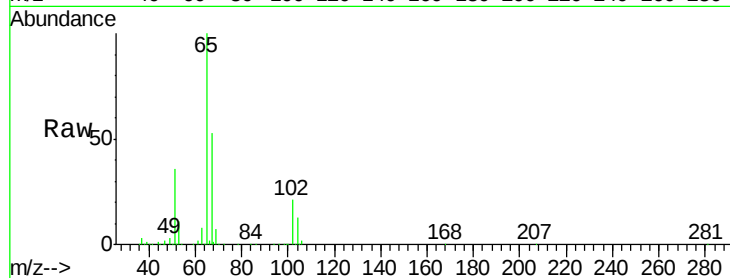
ClientSampleId :

Tot Ion: 65 Resp: 823195

Ion Ratio Lower Upper

65 100

67 53.6 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN049272.D (-1980) (-)

Ion 66.90 (66.60 to 67.60): VN049272.D (-1980) (-)

8.03

400000

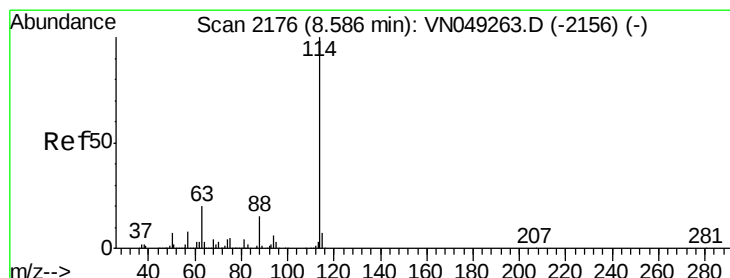
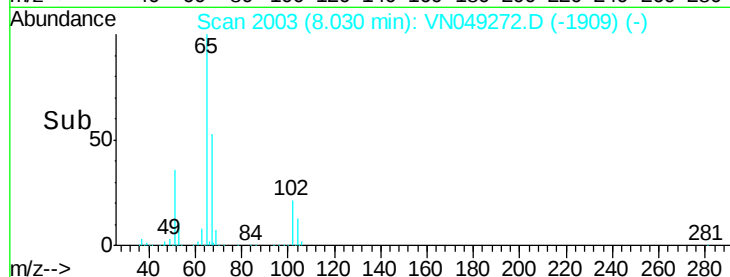
300000

200000

100000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN049272.D

Acq: 15 Jun 2018 21:00

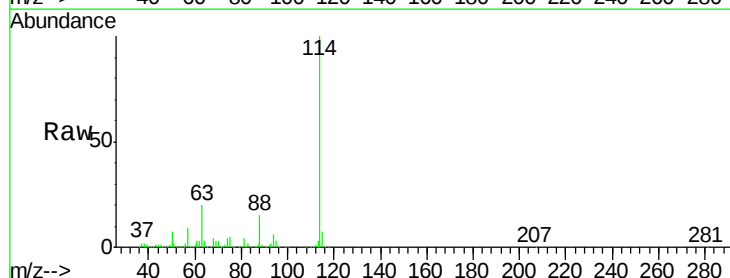
Tgt Ion: 114 Resp: 1991230

Ion Ratio Lower Upper

114 100

63 20.3 0.0 44.4

88 15.4 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN049272.D (-2156) (-)

Ion 63.00 (62.70 to 63.70): VN049272.D (-2156) (-)

Ion 87.90 (87.60 to 88.60): VN049272.D (-2156) (-)

1200000

1000000

800000

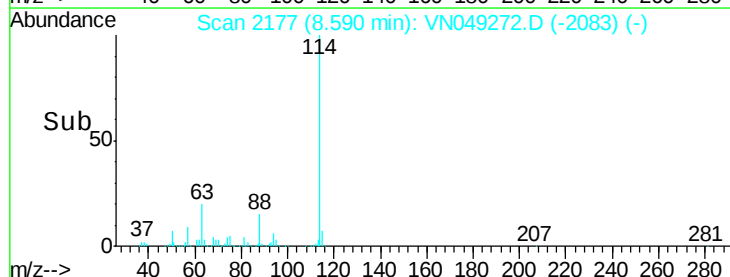
600000

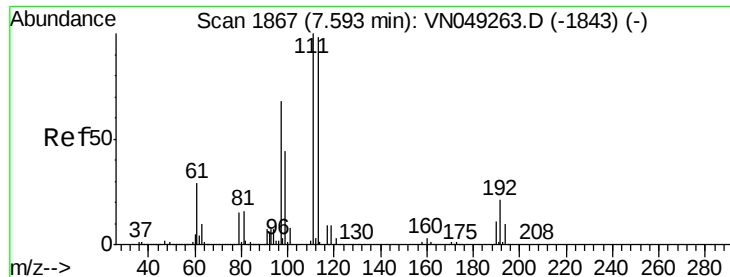
400000

200000

0

Time-->

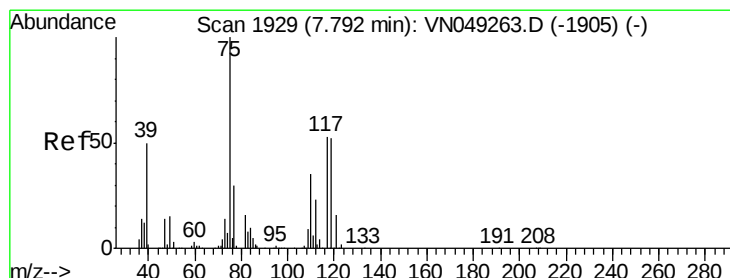
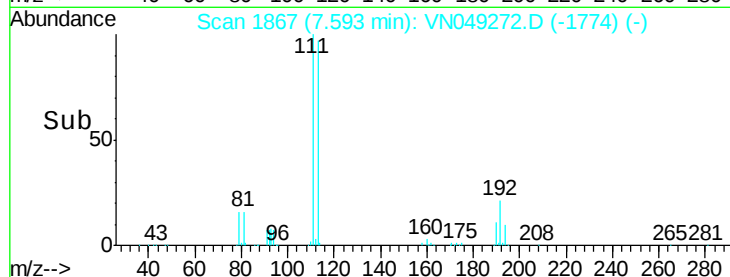
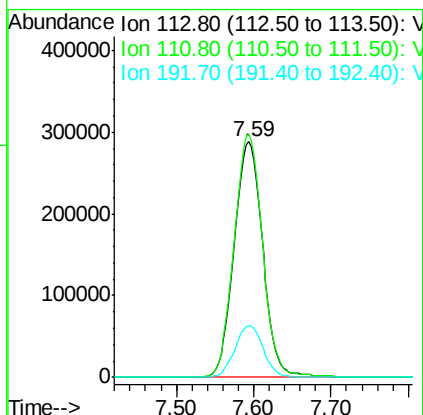
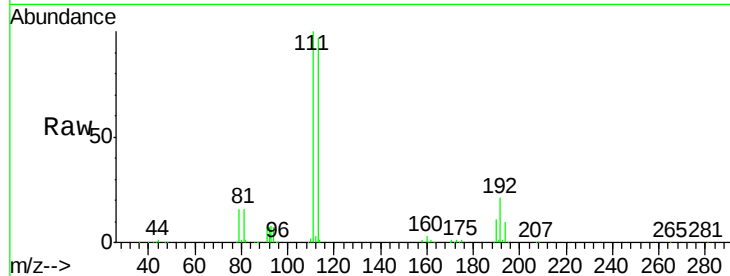




#35
 Dibromofluoromethane
 Concen: 45.97 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049272.D
 Acq: 15 Jun 2018 21:00

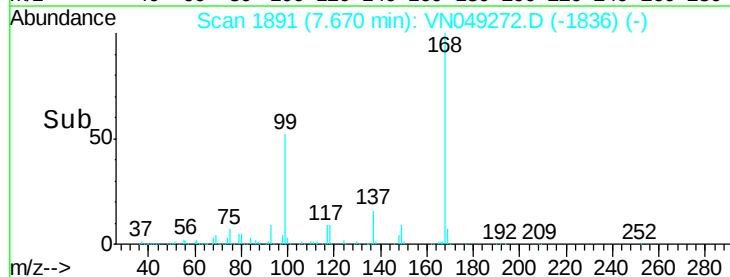
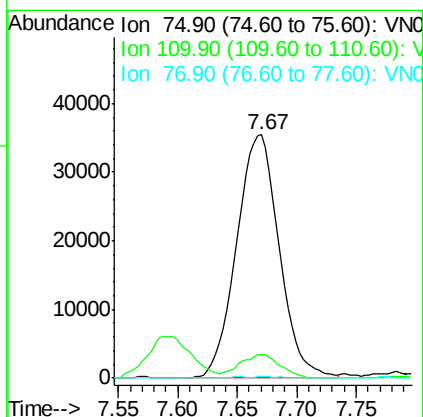
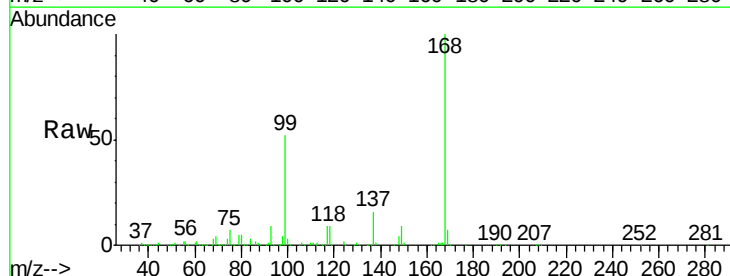
Instrument :
 MSVOA_N
 ClientSampleId :

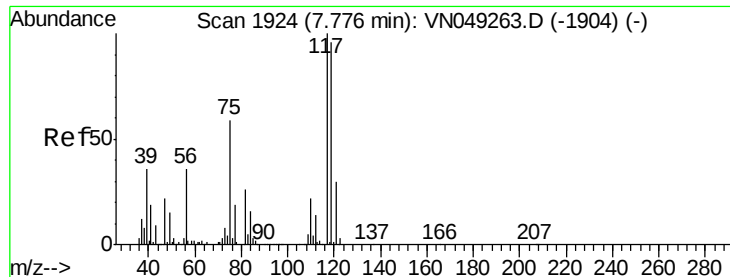
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.4	123.6
192	21.8	15.0	22.6



#36
 1,1-Dichloropropene
 Concen: 3.86 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.12 min
 Lab File: VN049272.D
 Acq: 15 Jun 2018 21:00

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.2	17.0	50.9#
77	0.2	24.4	36.6#





#38

Carbon Tetrachloride

Concen: 4.78 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. -0.11 min

Lab File: VN049272.D

Acq: 15 Jun 2018 21:00

Instrument :

MSVOA_N

ClientSampleId :

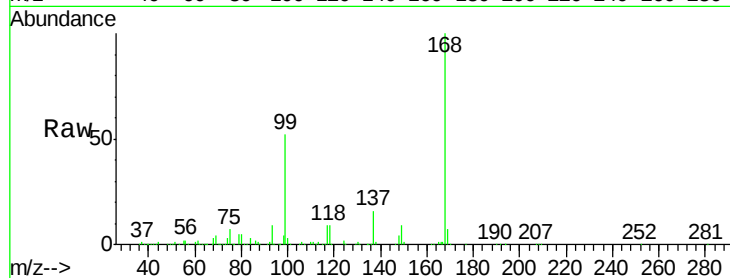
Tot Ion:117 Resp: 112977

Ion Ratio Lower Upper

117 100

119 4.9 75.6 113.4#

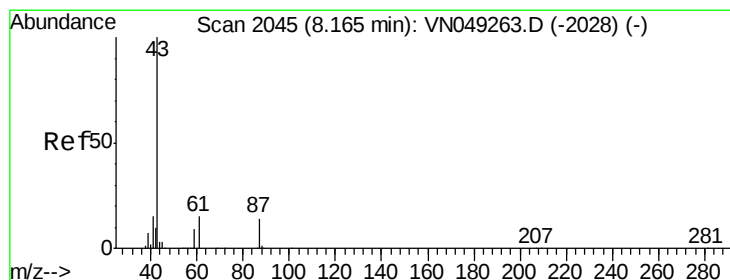
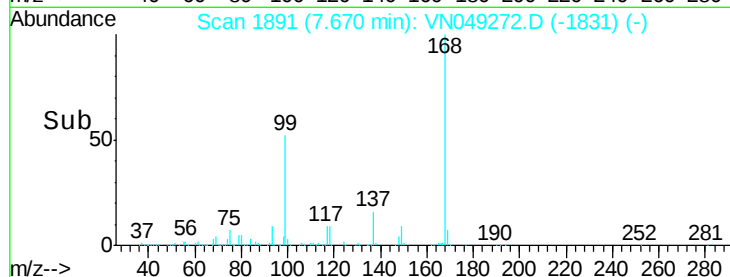
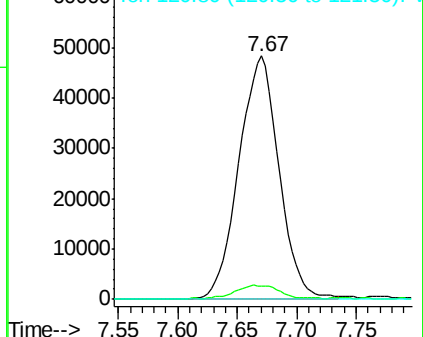
121 0.0 24.7 37.1#



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: 38.99 ug/l

RT: 8.23 min Scan# 2064

Delta R.T. 0.06 min

Lab File: VN049272.D

Acq: 15 Jun 2018 21:00

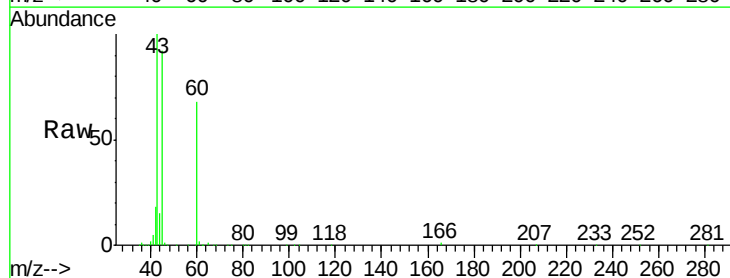
Tgt Ion: 43 Resp: 924241

Ion Ratio Lower Upper

43 100

61 0.1 14.2 21.4#

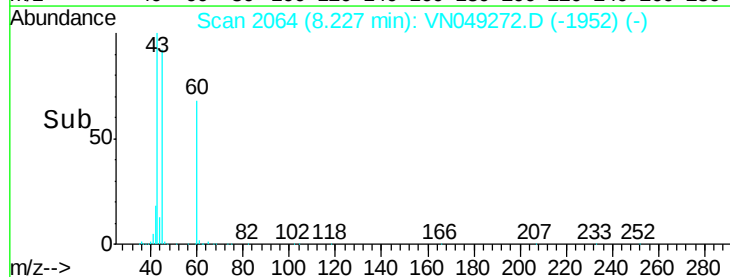
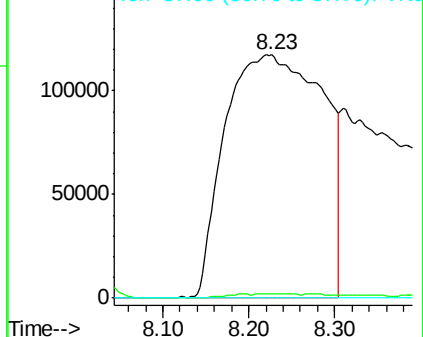
87 0.0 9.4 14.0#

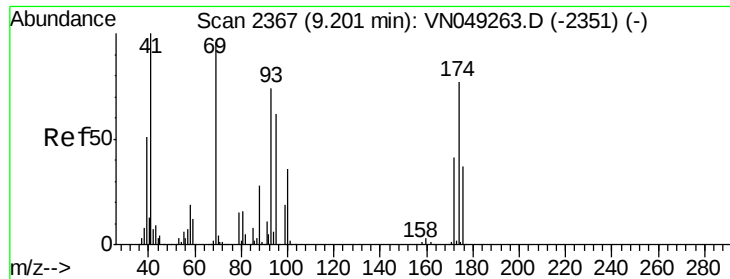


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO

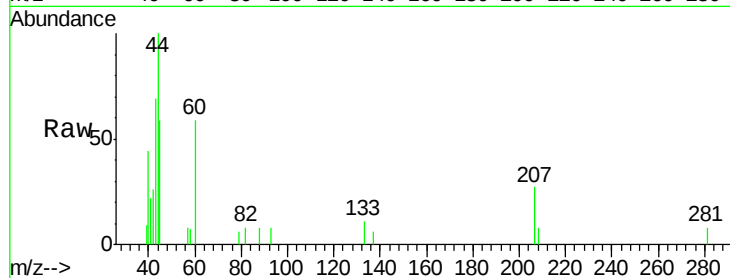




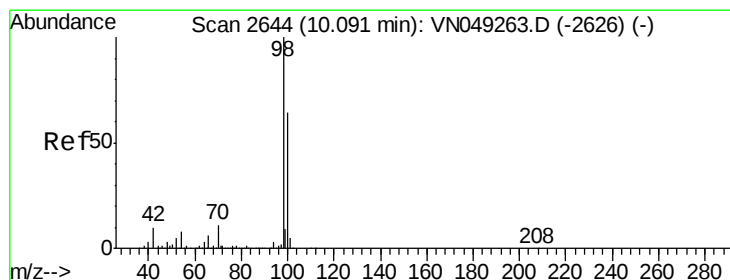
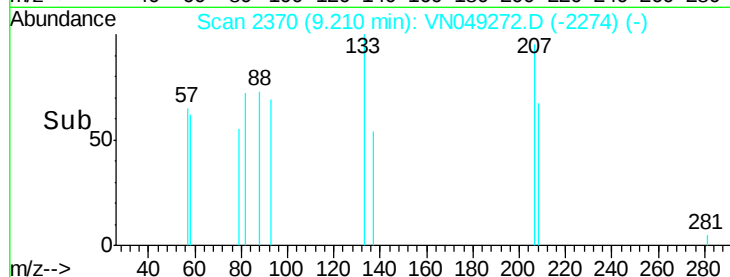
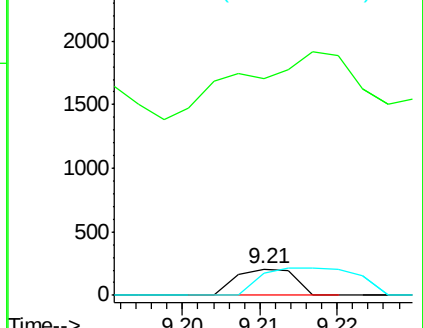
#49
1,4-Dioxane
Concen: 0.71 ug/l
RT: 9.21 min Scan# 2370
Delta R.T. 0.01 min
Lab File: VN049272.D
Acq: 15 Jun 2018 21:00

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 110
Ion Ratio Lower Upper
88 100
43 574.5 30.9 46.3#
58 169.1 58.9 88.3#

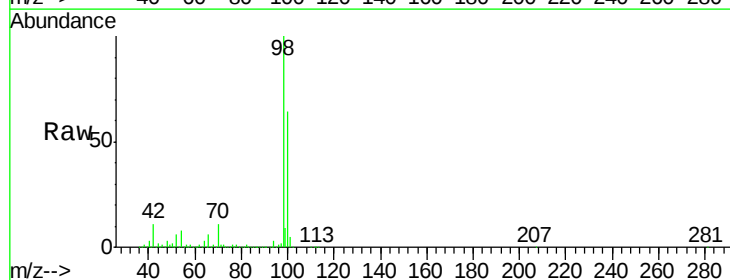


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

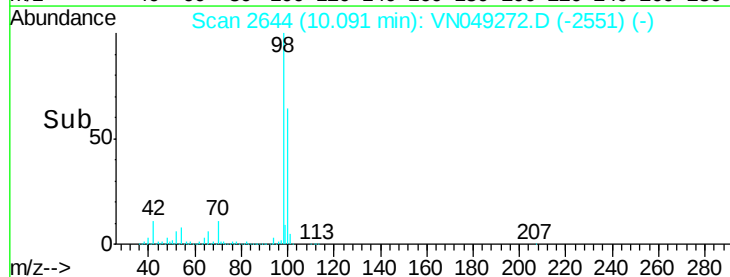
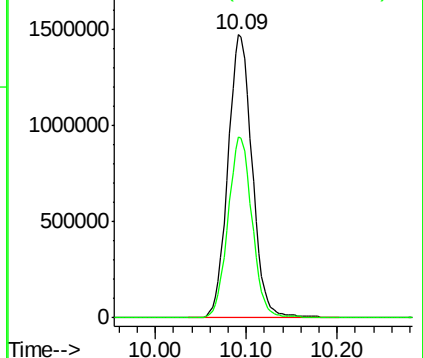


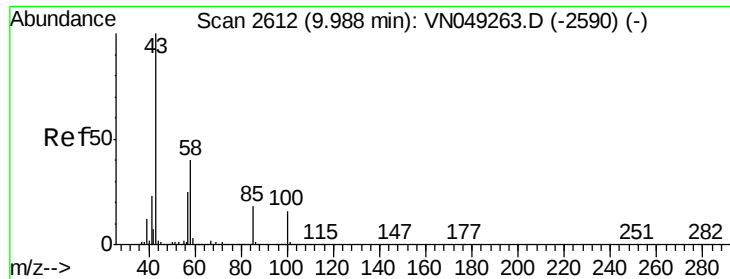
#50
Toluene-d8
Concen: 44.44 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049272.D
Acq: 15 Jun 2018 21:00

Tgt Ion: 98 Resp: 2725705
Ion Ratio Lower Upper
98 100
100 63.5 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: 0.85 ug/l

RT: 9.99 min Scan# 2612

Delta R.T. 0.00 min

Lab File: VN049272.D

Acq: 15 Jun 2018 21:00

Instrument :

MSVOA_N

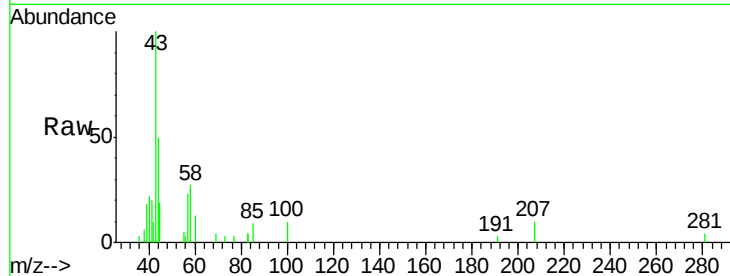
ClientSampleId :

Tot Ion: 43 Resp: 10539

Ion Ratio Lower Upper

43 100

58 30.3 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN049272.D (-2519) (-)

Ion 58.00 (57.70 to 58.70): VN049272.D (-2519) (-)

10000

8000

6000

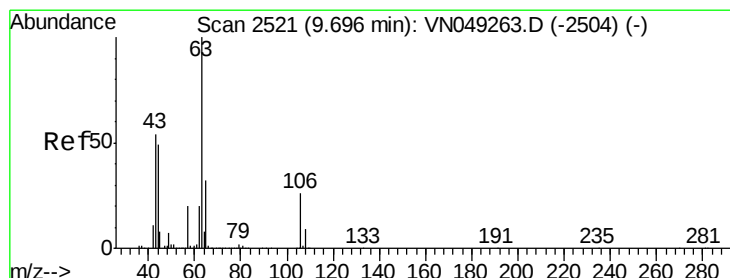
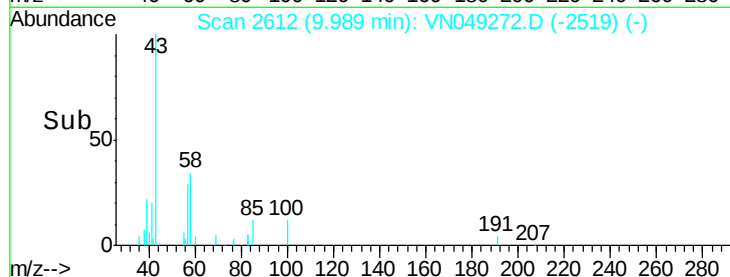
4000

2000

0

9.90 9.95 10.00 10.05

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 14.34 ug/l

RT: 9.69 min Scan# 2520

Delta R.T. -0.00 min

Lab File: VN049272.D

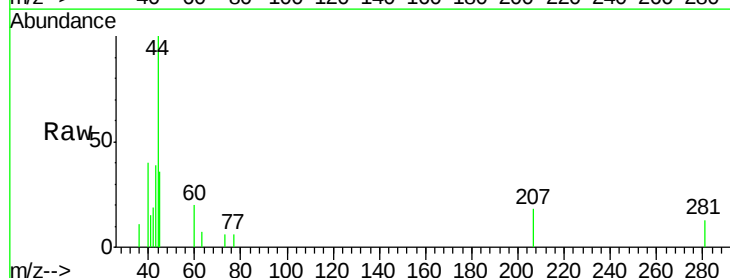
Acq: 15 Jun 2018 21:00

Tgt Ion: 63 Resp: 68

Ion Ratio Lower Upper

63 100

106 0.0 19.4 29.2#



Abundance Ion 62.90 (62.60 to 63.60): VN049272.D (-2427) (-)

Ion 105.90 (105.60 to 106.60): VN049272.D (-2427) (-)

200

150

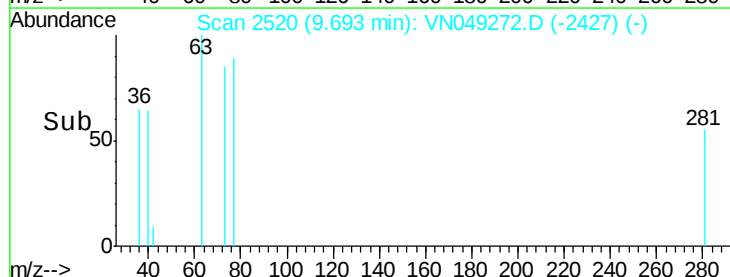
100

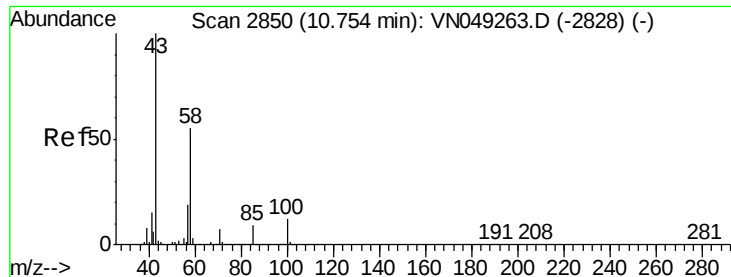
50

0

9.68 9.69 9.70

Time-->





#59

2-Hexanone

Concen: 0.26 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN049272.D

Acq: 15 Jun 2018 21:00

Instrument :

MSVOA_N

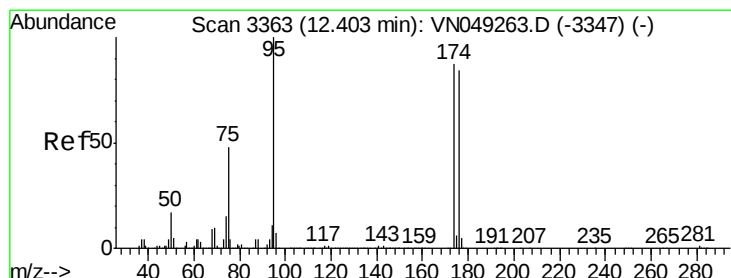
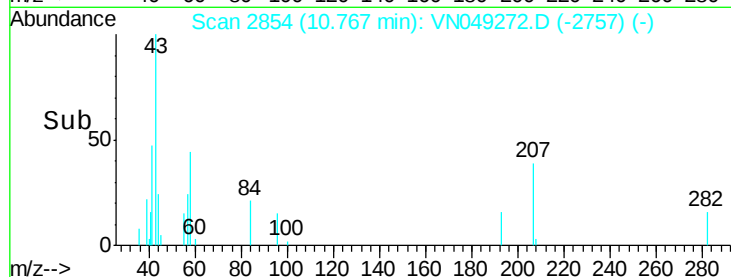
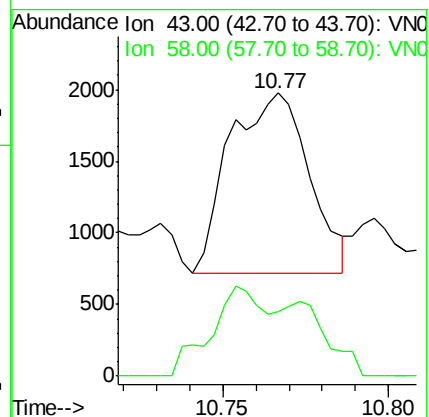
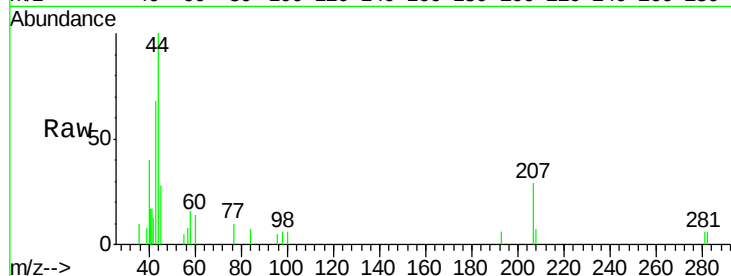
ClientSampled :

Tot Ion: 43 Resp: 2098

Ion Ratio Lower Upper

43 100

58 32.8 25.2 75.6



#62

4-Bromofluorobenzene

Concen: 32.43 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049272.D

Acq: 15 Jun 2018 21:00

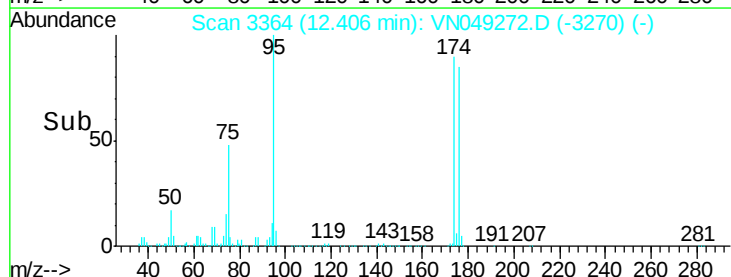
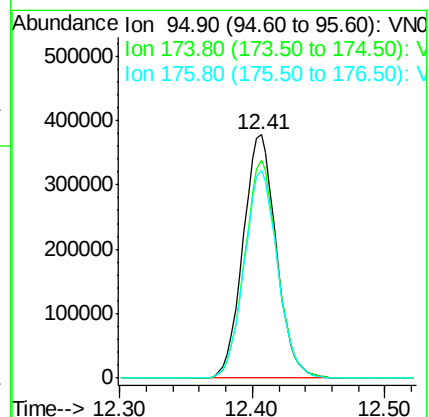
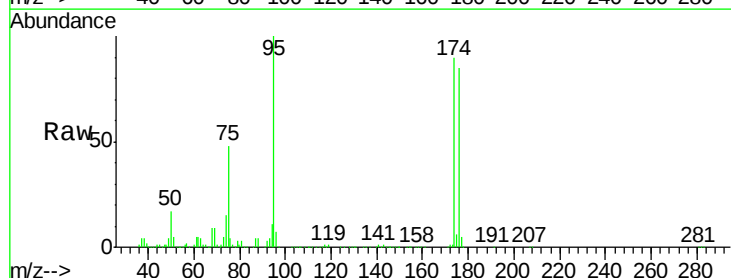
Tgt Ion: 95 Resp: 657766

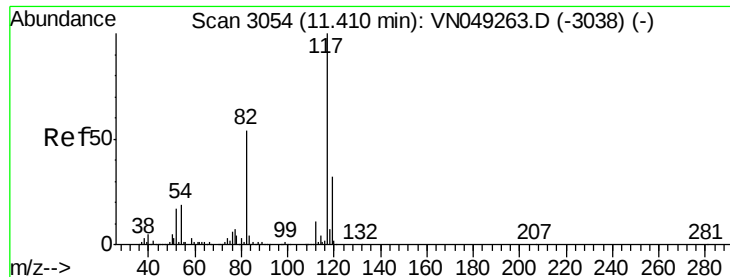
Ion Ratio Lower Upper

95 100

174 88.6 0.0 165.6

176 85.8 0.0 157.4

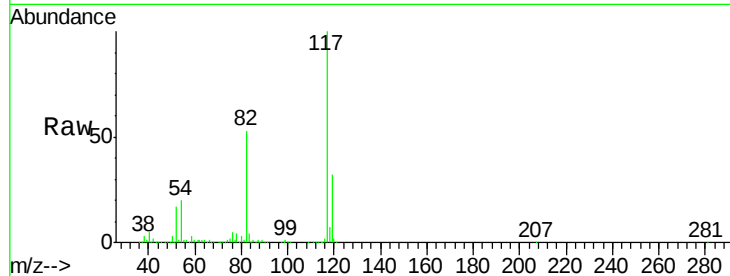




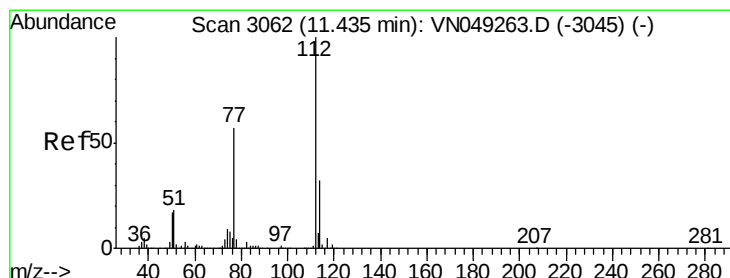
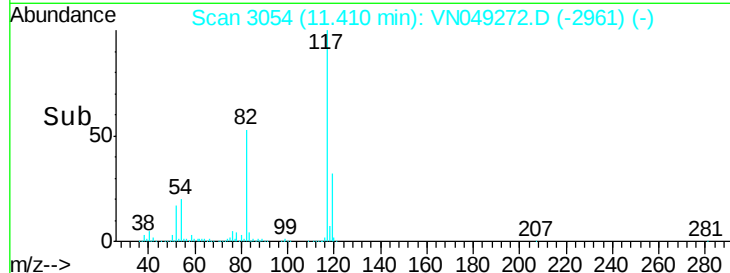
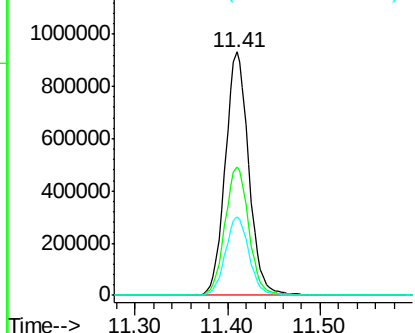
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049272.D
Acq: 15 Jun 2018 21:00

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 1635437
Ion Ratio Lower Upper
117 100
82 52.8 45.9 68.9
119 32.2 25.5 38.3

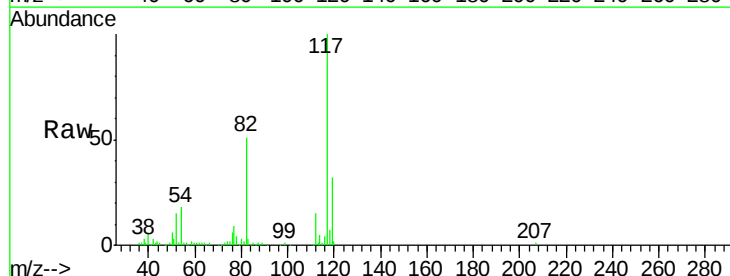


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

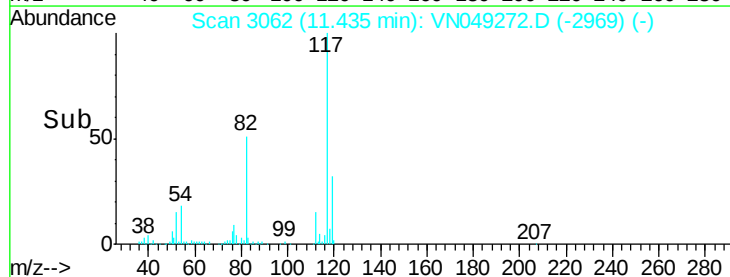
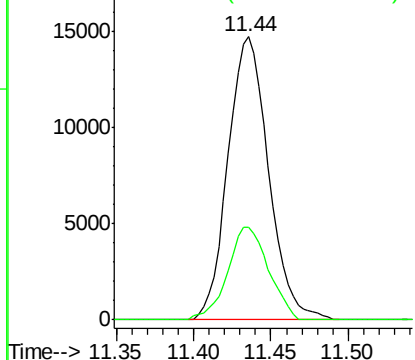


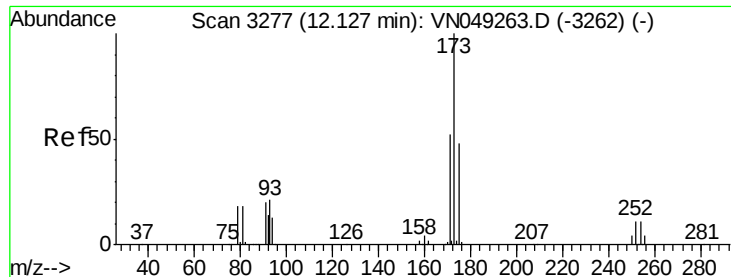
#65
Chlorobenzene
Concen: 0.64 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN049272.D
Acq: 15 Jun 2018 21:00

Tgt Ion:112 Resp: 26854
Ion Ratio Lower Upper
112 100
114 32.7 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

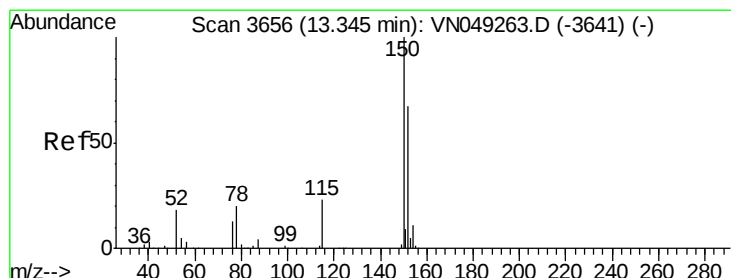
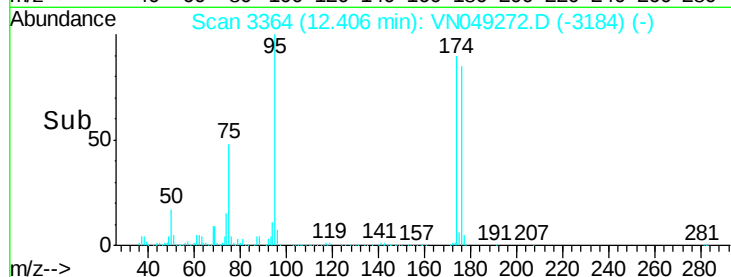
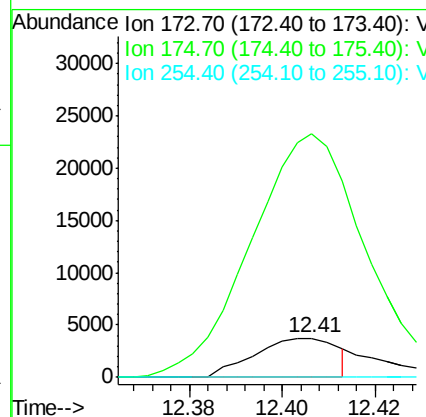
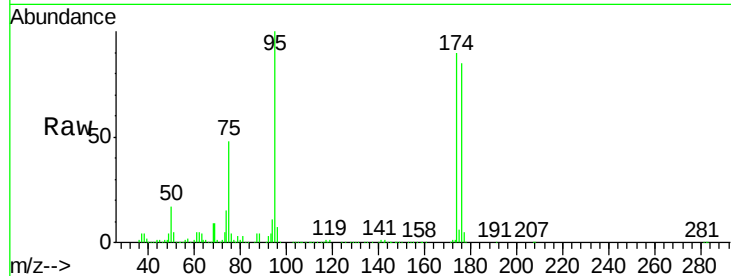




#71
Bromoform
Concen: 0.46 ug/l
RT: 12.41 min Scan# 3364
Delta R.T. 0.28 min
Lab File: VN049272.D
Acq: 15 Jun 2018 21:00

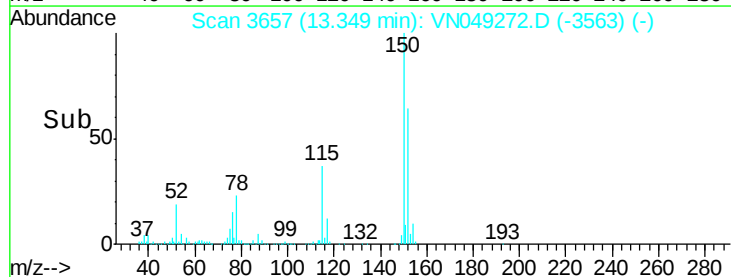
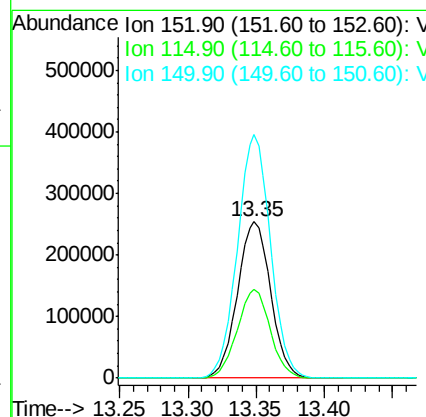
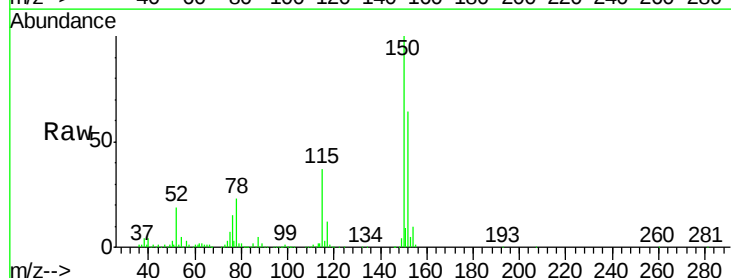
Instrument :
MSVOA_N
ClientSampleId :

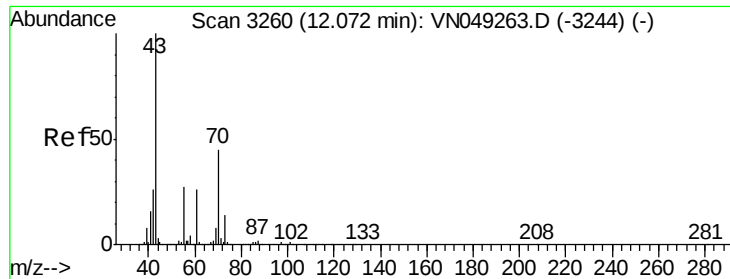
Tot Ion:173 Resp: 4690
Ion Ratio Lower Upper
173 100
175 664.2 24.5 73.5#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3657
Delta R.T. 0.00 min
Lab File: VN049272.D
Acq: 15 Jun 2018 21:00

Tgt Ion:152 Resp: 428058
Ion Ratio Lower Upper
152 100
115 56.5 28.7 86.1
150 155.2 0.0 351.0





#74

N-amvl acetate

Concen: 0.38 ug/l

RT: 12.04 min Scan# 3251

Delta R.T. -0.03 min

Lab File: VN049272.D

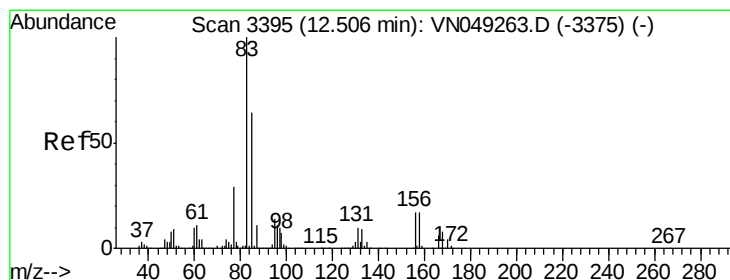
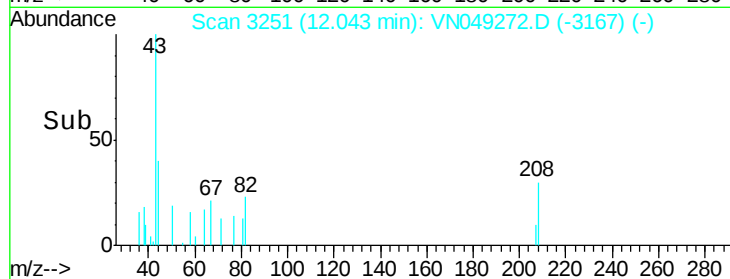
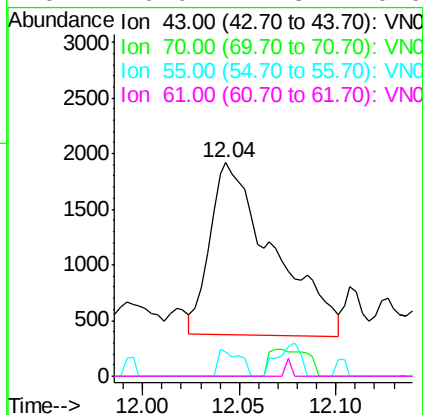
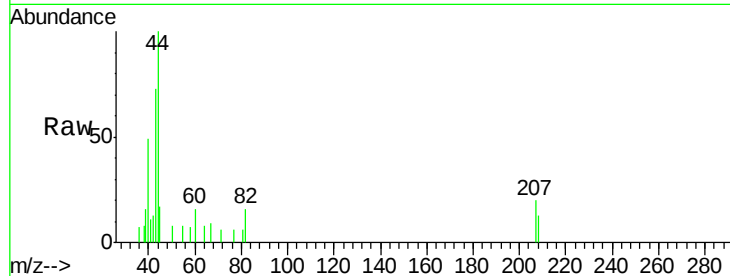
Acq: 15 Jun 2018 21:00

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:	43	Resp:	3532
Ion	Ratio	Lower	Upper
43	100		
70	0.0	30.3	45.5#
55	5.3	19.4	29.2#
61	0.0	17.8	26.6#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

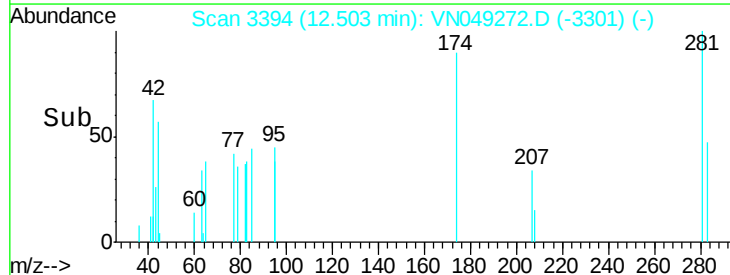
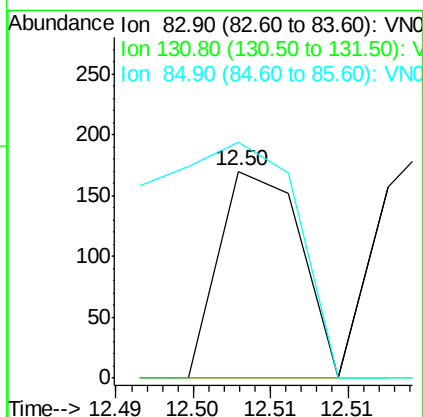
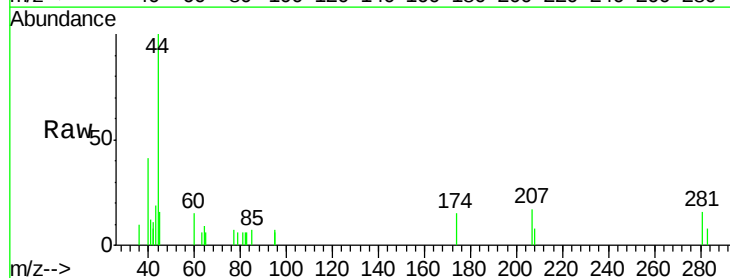
RT: 12.50 min Scan# 3394

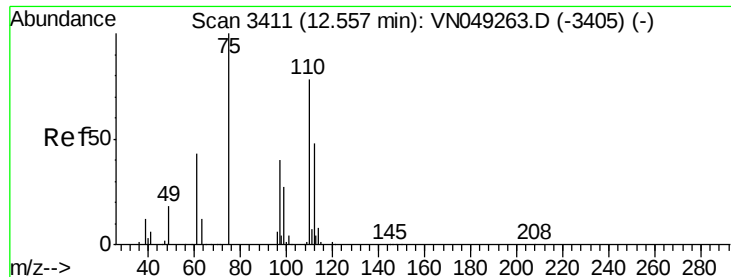
Delta R.T. -0.00 min

Lab File: VN049272.D

Acq: 15 Jun 2018 21:00

Tgt Ion:	83	Resp:	62
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.0	15.0#
85	216.1	32.0	96.0#

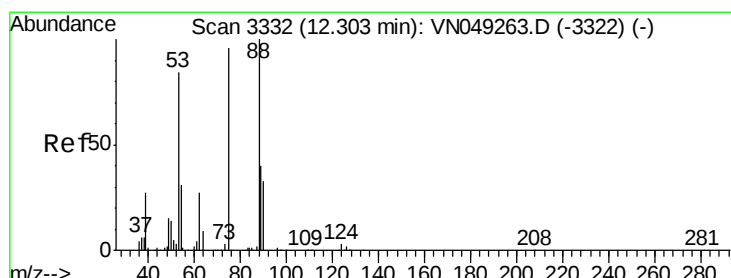
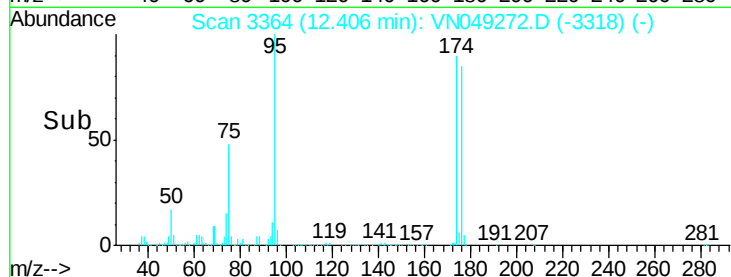
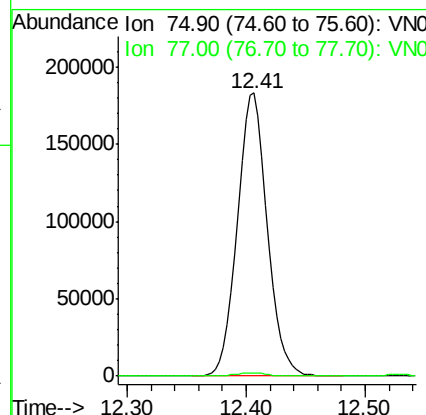
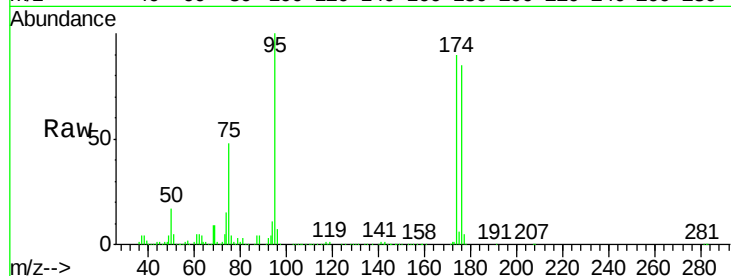




#76
 1,2,3-Trichloropropane
 Concen: 43.62 ug/l
 RT: 12.41 min Scan# 3364
 Delta R.T. -0.15 min
 Lab File: VN049272.D
 Acq: 15 Jun 2018 21:00

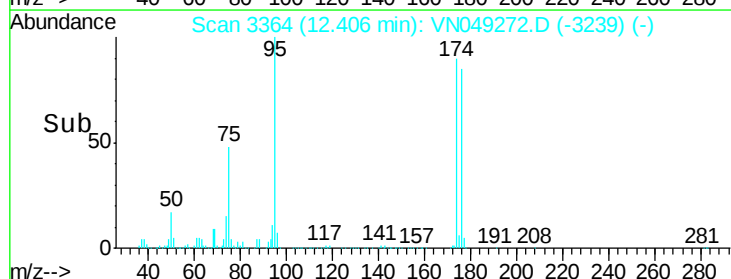
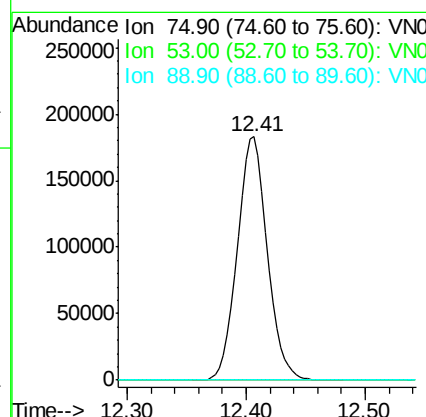
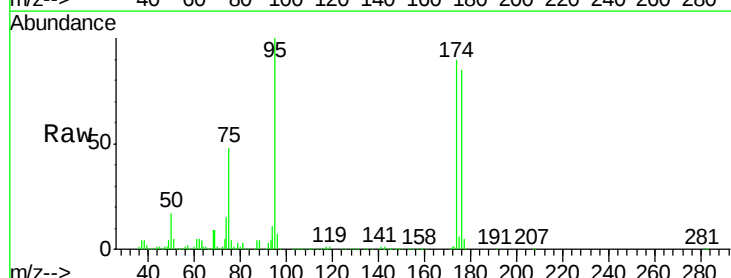
Instrument :
 MSVOA_N
 ClientSampled :

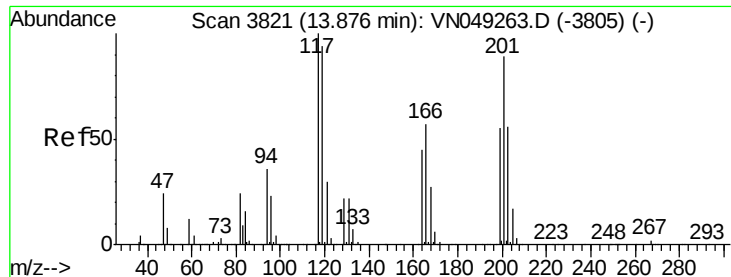
Tot Ion: 75 Resp: 318607
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 137.87 ug/l
 RT: 12.41 min Scan# 3364
 Delta R.T. 0.10 min
 Lab File: VN049272.D
 Acq: 15 Jun 2018 21:00

Tgt Ion: 75 Resp: 318607
 Ion Ratio Lower Upper
 75 100
 53 0.3 82.7 124.1#
 89 0.0 36.5 54.7#





#90

Hexachloroethane

Concen: Below Cal

RT: 13.89 min Scan# 3825

Delta R.T. 0.01 min

Lab File: VN049272.D

Acq: 15 Jun 2018 21:00

Instrument :

MSVOA_N

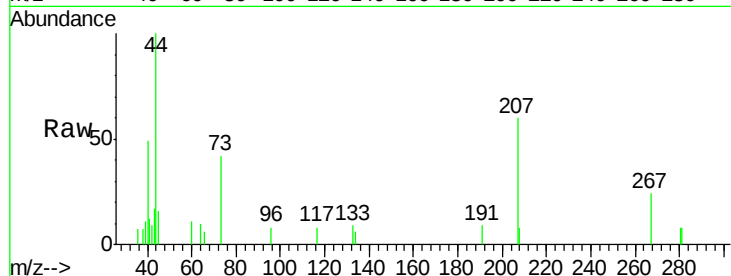
ClientSampled :

Tot Ion:117 Resp: 77

Ion Ratio Lower Upper

117 100

201 146.8 40.1 120.2#

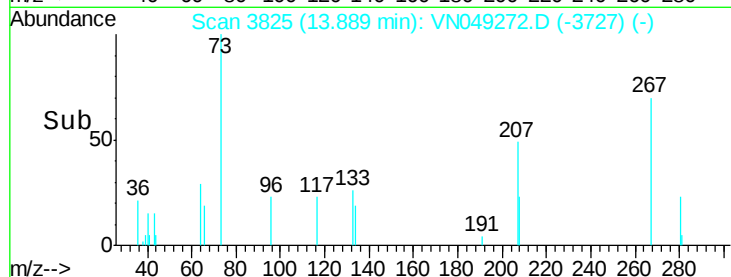


Abundance Ion 116.80 (116.50 to 117.50): V

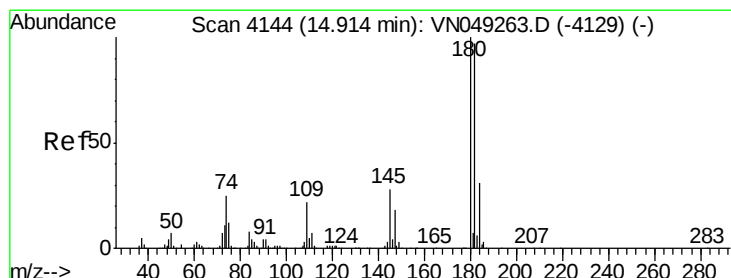
Ion 200.70 (200.40 to 201.40): V

13.89

13.88 13.89 13.90



Time-->



#93

1,2,4-Trichlorobenzene

Concen: 4.93 ug/l

RT: 14.92 min Scan# 4145

Delta R.T. 0.00 min

Lab File: VN049272.D

Acq: 15 Jun 2018 21:00

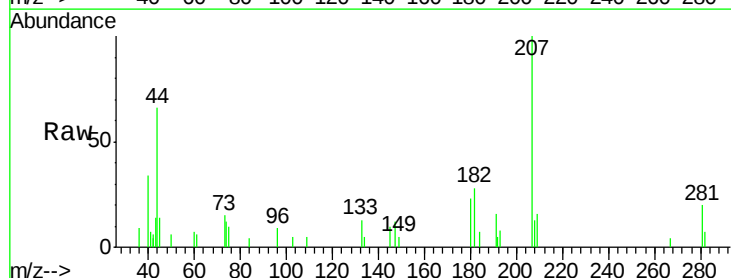
Tgt Ion:180 Resp: 1492

Ion Ratio Lower Upper

180 100

182 133.2 46.9 140.8

145 45.3 14.7 44.1#



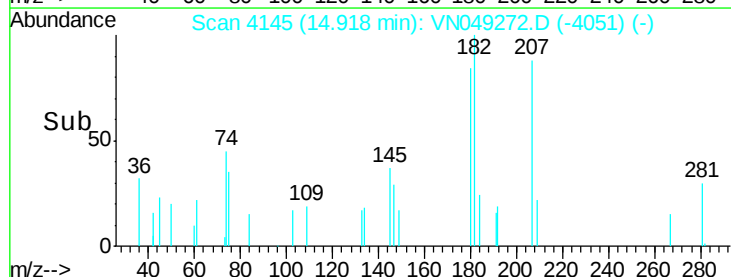
Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

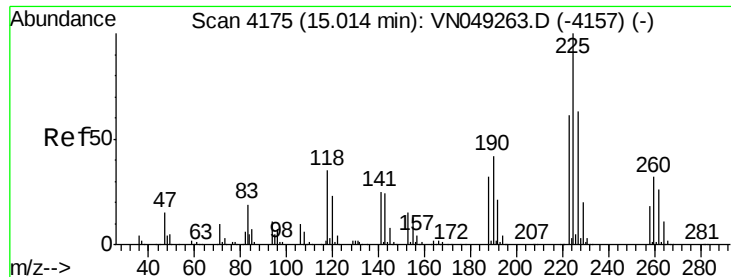
Ion 144.80 (144.50 to 145.50): V

14.92

14.90 14.92 14.95



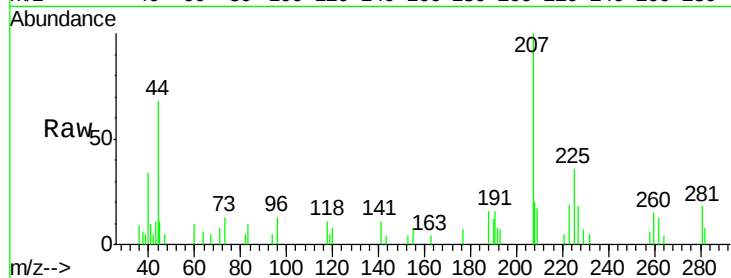
Time-->



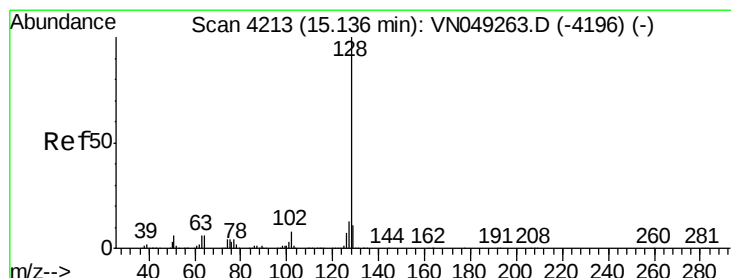
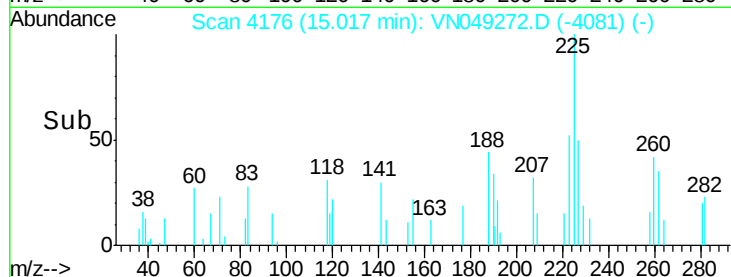
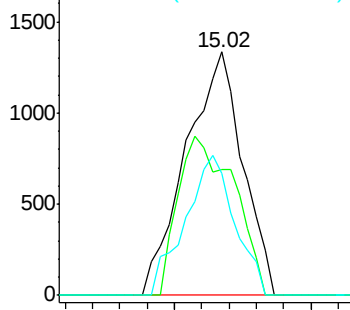
#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.02 min Scan# 4176
Delta R.T. 0.00 min
Lab File: VN049272.D
Acq: 15 Jun 2018 21:00

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:225 Resp: 1931
Ion Ratio Lower Upper
225 100
223 64.9 32.1 96.3
227 50.0 31.8 95.3

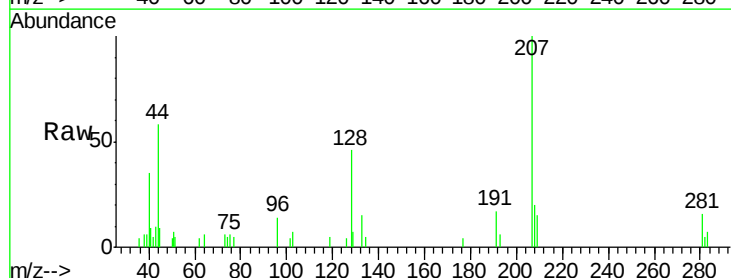


Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

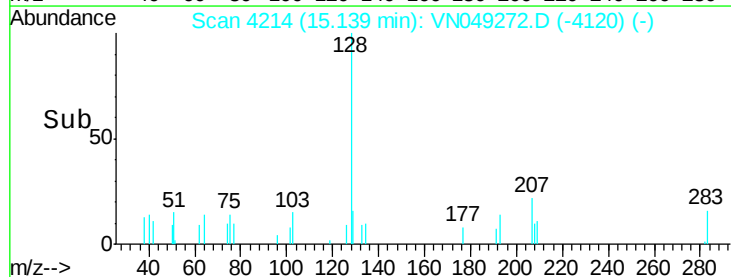
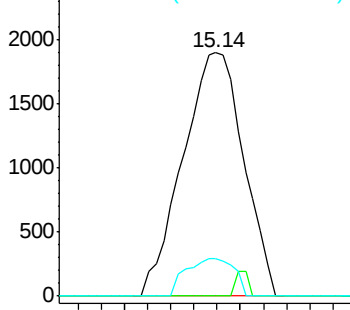


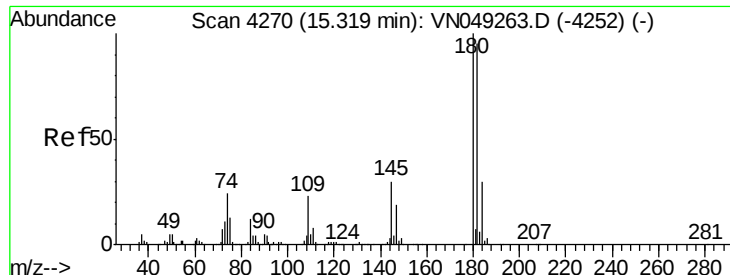
#95
Naphthalene
Concen: 2.37 ug/l
RT: 15.14 min Scan# 4214
Delta R.T. 0.00 min
Lab File: VN049272.D
Acq: 15 Jun 2018 21:00

Tgt Ion:128 Resp: 3448
Ion Ratio Lower Upper
128 100
127 2.1 10.6 16.0#
129 12.1 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

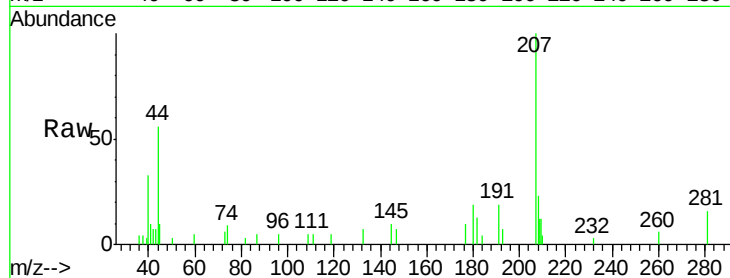




#96
 1,2,3-Trichlorobenzene
 Concen: 3.66 ug/l
 RT: 15.31 min Scan# 4268
 Delta R.T. -0.01 min
 Lab File: VN049272.D
 Acq: 15 Jun 2018 21:00

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.3	141.8
145	43.6	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

