

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062618\
 Data File : VN049557.D
 Acq On : 26 Jun 2018 17:14
 Operator : MD\SY
 Sample : J3697-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 27 01:04:48 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	1395201	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2210540	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1846100	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	772865	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	882285	47.68	ug/l	0.00
Spiked Amount			Recovery	=	95.36%	
35) Dibromofluoromethane	7.59	113	777218	43.46	ug/l	0.00
Spiked Amount			Recovery	=	86.92%	
50) Toluene-d8	10.09	98	2983024	43.81	ug/l	0.00
Spiked Amount			Recovery	=	87.62%	
62) 4-Bromofluorobenzene	12.40	95	904168	40.16	ug/l	0.00
Spiked Amount			Recovery	=	80.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.79	59	1000	0.92	ug/l #	90
13) Acrolein	3.60	56	2151	1.89	ug/l #	6
16) Acetone	3.82	43	189541	42.19	ug/l #	89
17) Carbon Disulfide	4.05	76	15067	0.30	ug/l	100
18) Methyl Acetate	4.33	43	286071	20.88	ug/l	91
20) Methylene Chloride	4.55	84	1231578	65.63	ug/l	91
25) 2-Butanone	6.84	43	7303	1.21	ug/l	98
29) Tetrahydrofuran	7.22	42	1887	0.49	ug/l #	83
31) Cyclohexane	7.66	56	25662	0.76	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	94880	3.74	ug/l #	51
38) Carbon Tetrachloride	7.66	117	127364	4.86	ug/l #	17
43) Isopropyl Acetate	8.27	43	926469	35.21	ug/l #	64
49) 1,4-Dioxane	9.20	88	325	1.90	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	6048	0.44	ug/l #	84
58) 2-Chloroethyl Vinyl ether	9.71	63	198	14.35	ug/l #	51
65) Chlorobenzene	11.43	112	9927	0.21	ug/l	92
67) Ethyl Benzene	11.51	91	27426	0.35	ug/l	97
68) m/p-Xylenes	11.62	106	17298	0.58	ug/l	96
69) o-Xylene	11.95	106	10426	0.37	ug/l	96
71) Bromoform	12.40	173	6243	0.54	ug/l #	1
74) N-amyl acetate	12.04	43	6201	0.37	ug/l #	48
75) 1,1,2,2-Tetrachloroethane	12.50	83	191	Below	Cal #	88
76) 1,2,3-Trichloropropane	12.40	75	437175	33.15	ug/l #	100
78) n-propylbenzene	12.59	91	33417	0.45	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	17368	0.33	ug/l	91
81) trans-1,4-Dichloro-2-buten	12.40	75	437175	104.78	ug/l #	9
84) 1,2,4-Trimethylbenzene	13.04	105	52968	1.00	ug/l	99
85) sec-Butylbenzene	13.17	105	20388	0.32	ug/l	79
89) n-Butylbenzene	13.62	91	13770	0.34	ug/l #	76
90) Hexachloroethane	13.89	117	13250	Below	Cal #	9
93) 1,2,4-Trichlorobenzene	14.91	180	3803	5.00	ug/l #	50
94) Hexachlorobutadiene	15.01	225	210	Below	Cal #	29
95) Naphthalene	15.14	128	683589	31.40	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	1462	3.56	ug/l #	1

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

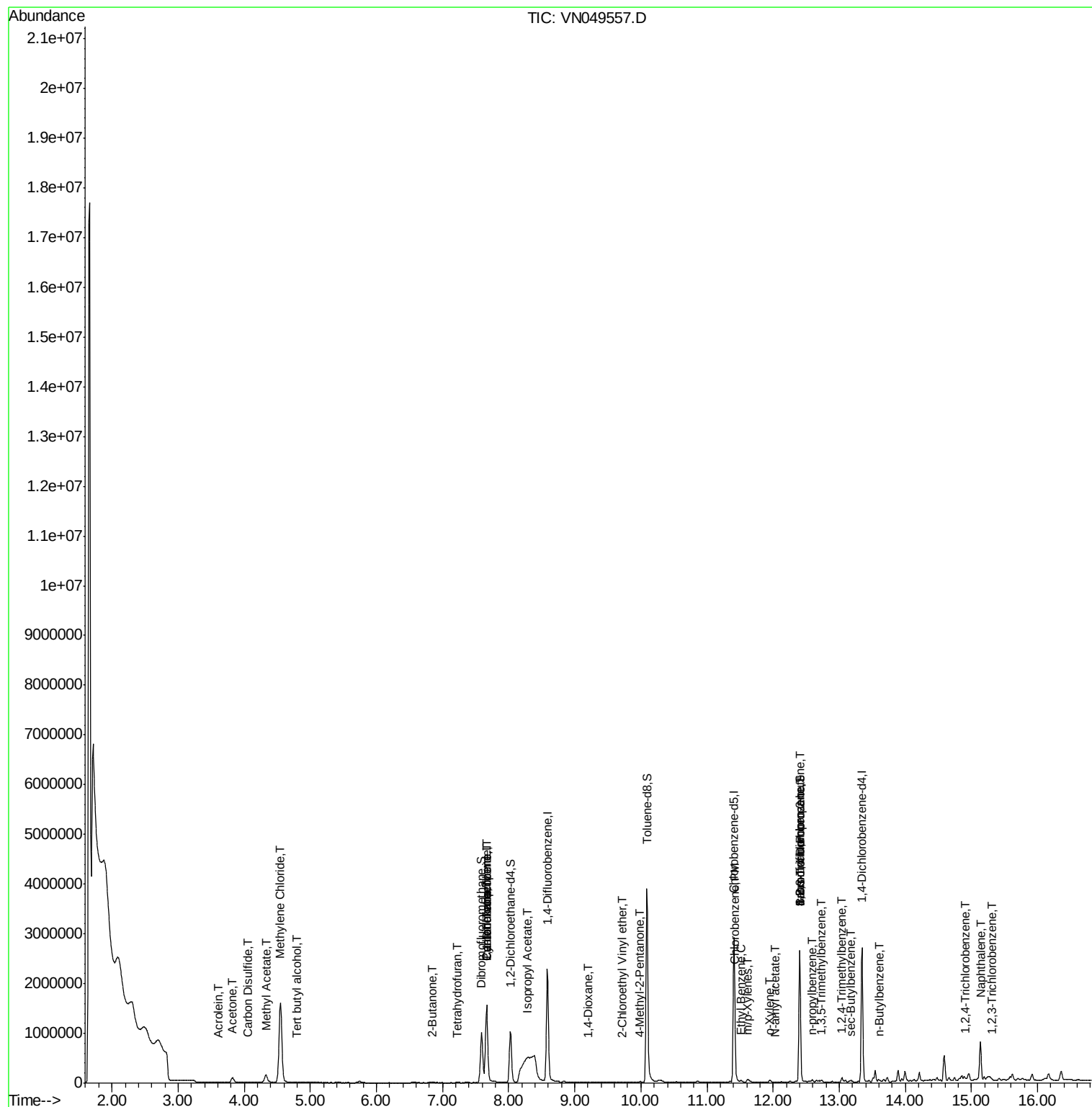
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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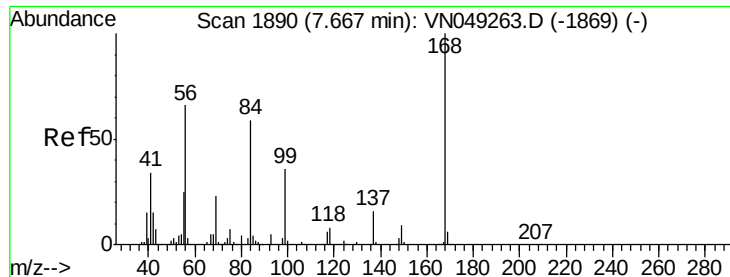
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062618\
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Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
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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: VN049557.D

Acq: 26 Jun 2018 17:14

Instrument :

MSVOA_N

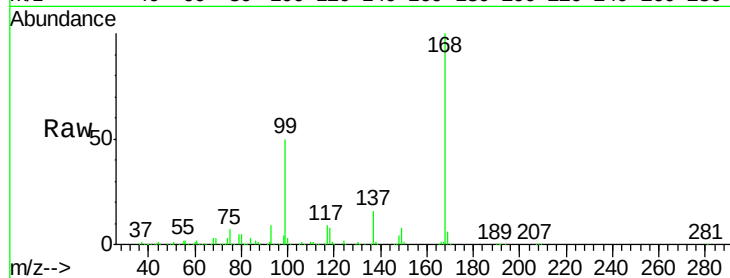
ClientSampled :

Tot Ion:168 Resp: 1395201

Ion Ratio Lower Upper

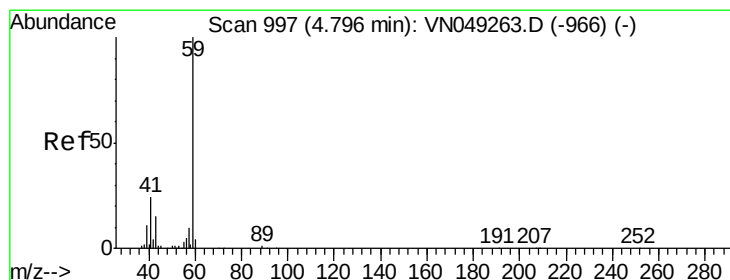
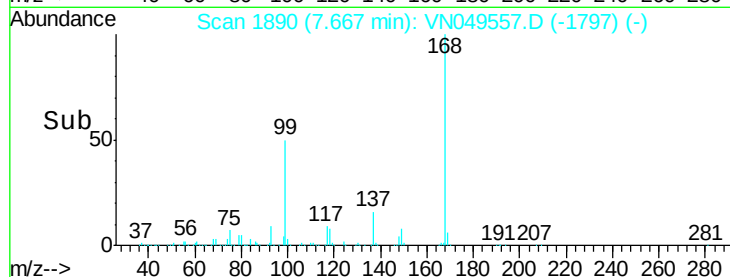
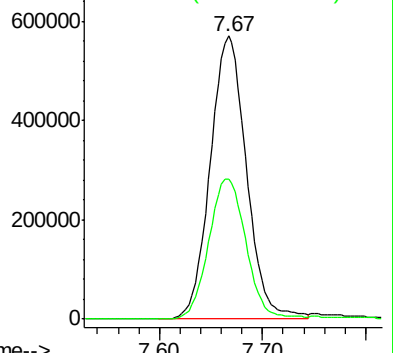
168 100

99 49.5 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#11

Tert butyl alcohol

Concen: 0.92 ug/l

RT: 4.79 min Scan# 994

Delta R.T. -0.01 min

Lab File: VN049557.D

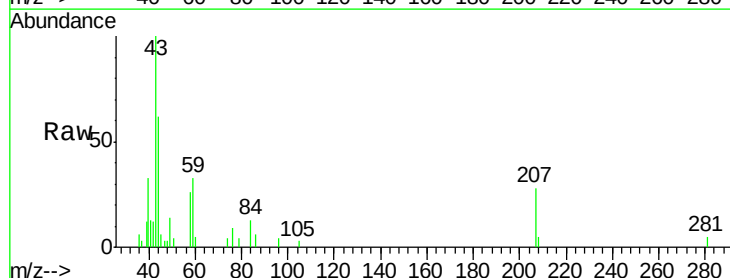
Acq: 26 Jun 2018 17:14

Tgt Ion: 59 Resp: 1000

Ion Ratio Lower Upper

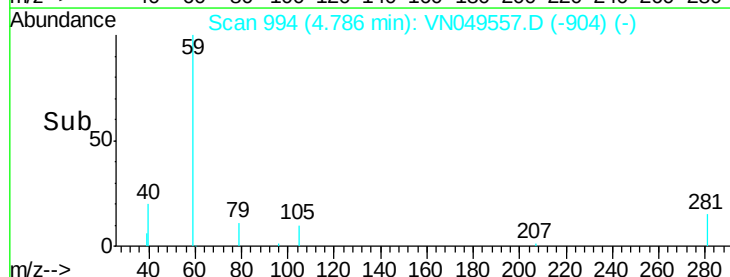
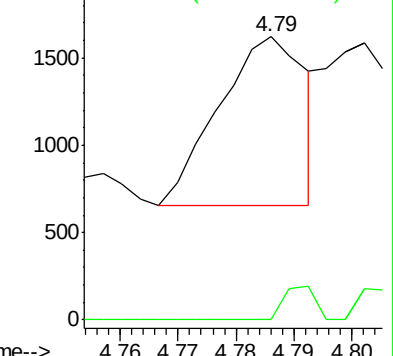
59 100

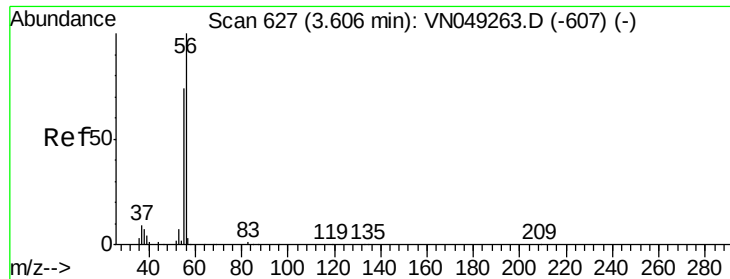
57 7.3 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0





#13

Acrolein

Concen: 1.89 ug/l

RT: 3.60 min Scan# 624

Delta R.T. -0.01 min

Lab File: VN049557.D

Acq: 26 Jun 2018 17:14

Instrument :

MSVOA_N

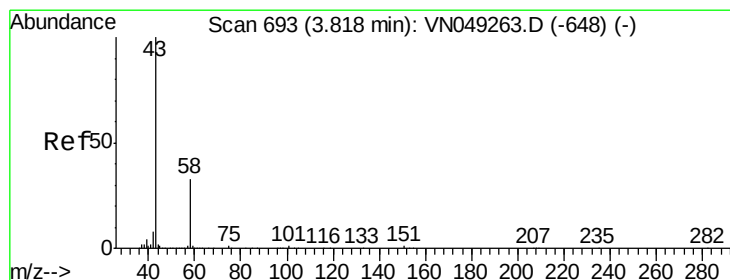
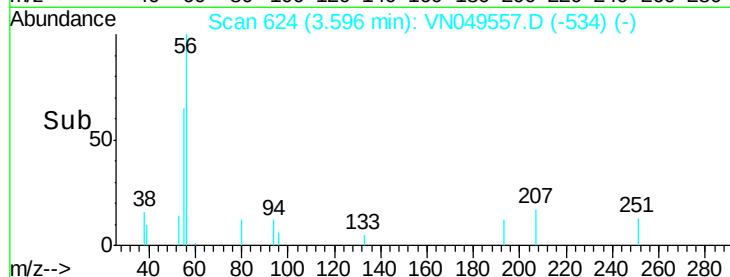
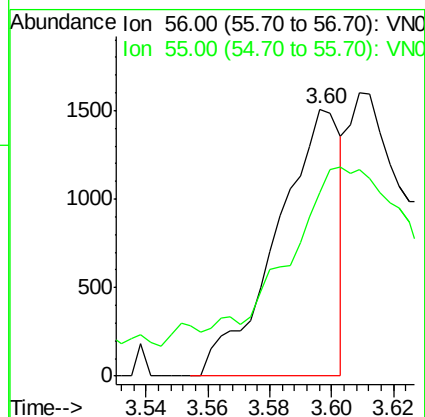
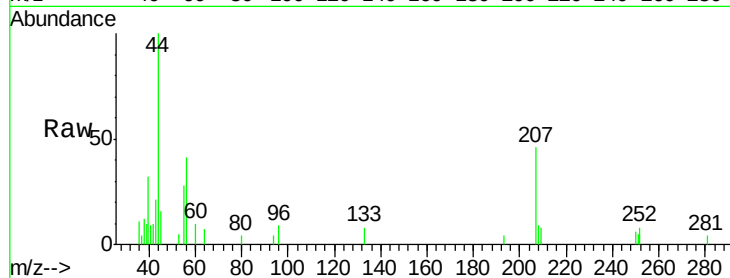
ClientSampleId :

Tot Ion: 56 Resp: 2151

Ion Ratio Lower Upper

56 100

55 149.6 57.1 85.7#



#16

Acetone

Concen: 42.19 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049557.D

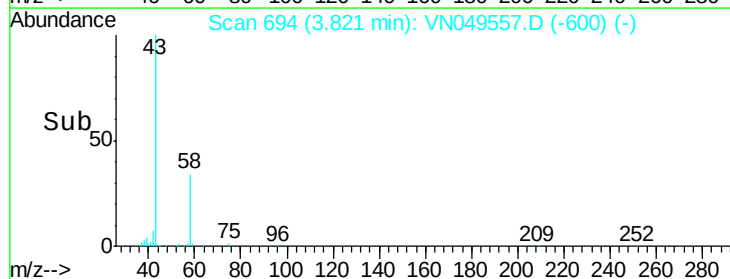
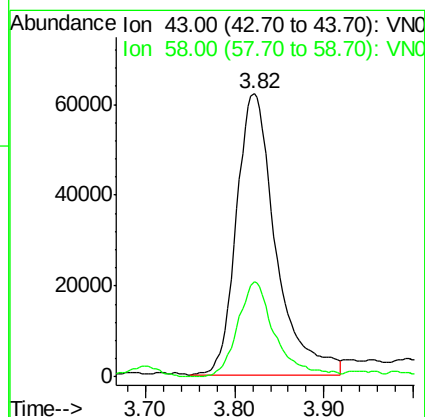
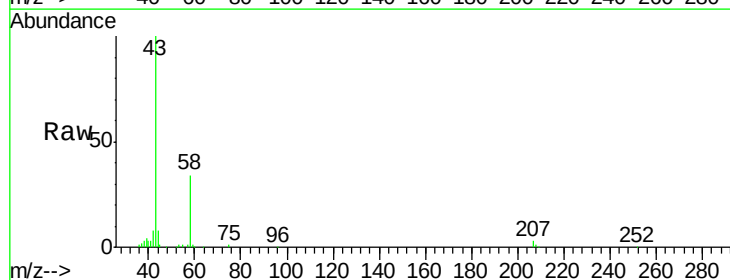
Acq: 26 Jun 2018 17:14

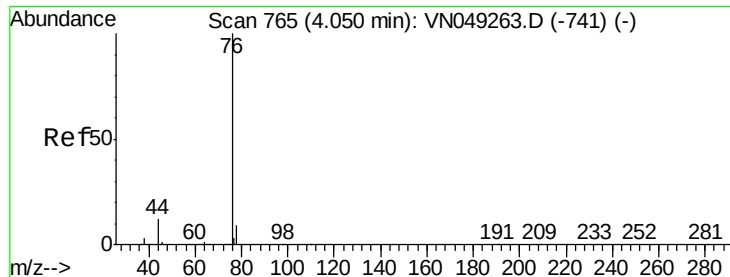
Tgt Ion: 43 Resp: 189541

Ion Ratio Lower Upper

43 100

58 33.8 22.4 33.6#





#17

Carbon Disulfide

Concen: 0.30 ug/l

RT: 4.05 min Scan# 766

Delta R.T. 0.00 min

Lab File: VN049557.D

Acq: 26 Jun 2018 17:14

Instrument :

MSVOA_N

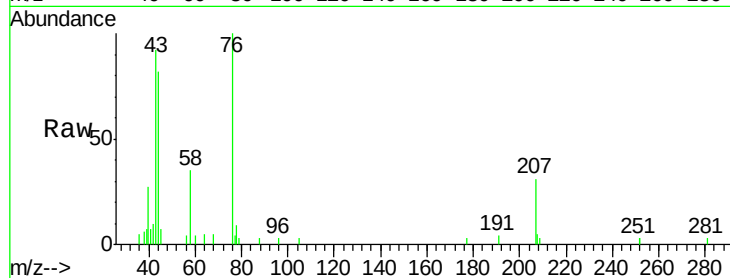
ClientSampleId :

Tot Ion: 76 Resp: 15067

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.05

6000

5000

4000

3000

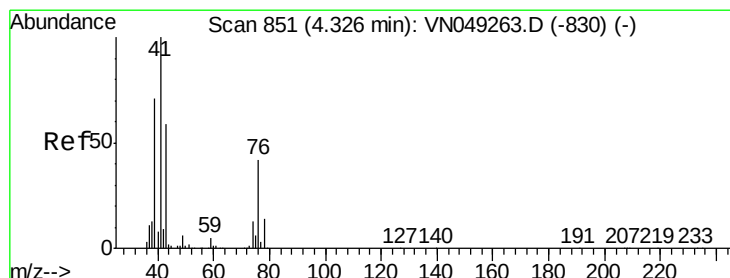
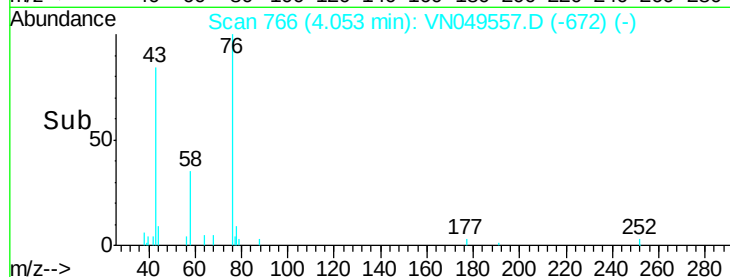
2000

1000

0

Time-->

3.95 4.00 4.05 4.10



#18

Methyl Acetate

Concen: 20.88 ug/l

RT: 4.33 min Scan# 851

Delta R.T. -0.00 min

Lab File: VN049557.D

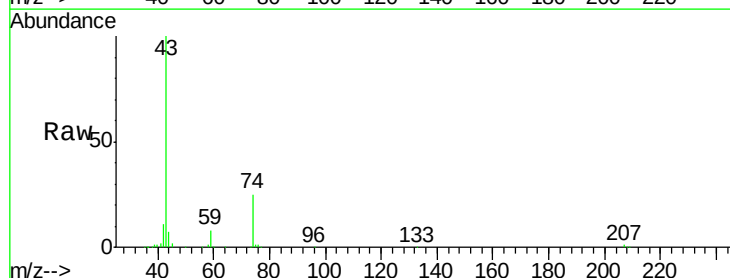
Acq: 26 Jun 2018 17:14

Tgt Ion: 43 Resp: 286071

Ion Ratio Lower Upper

43 100

74 25.9 17.4 26.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.33

120000

100000

80000

60000

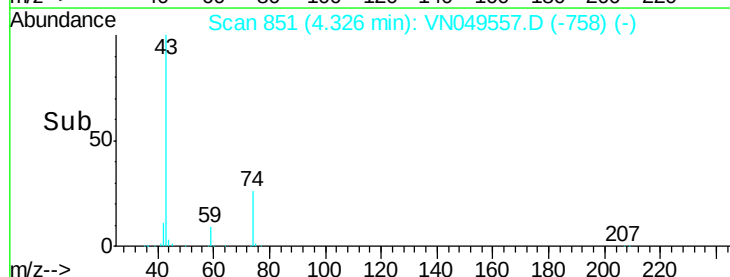
40000

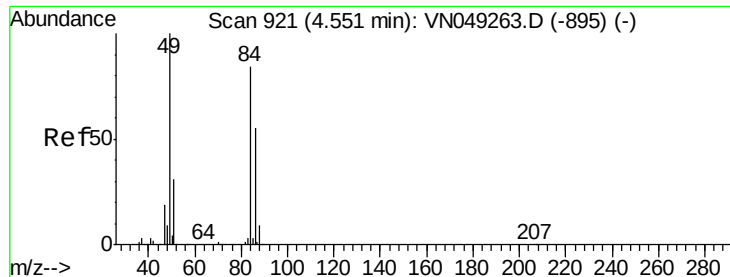
20000

0

Time-->

4.20 4.30 4.40



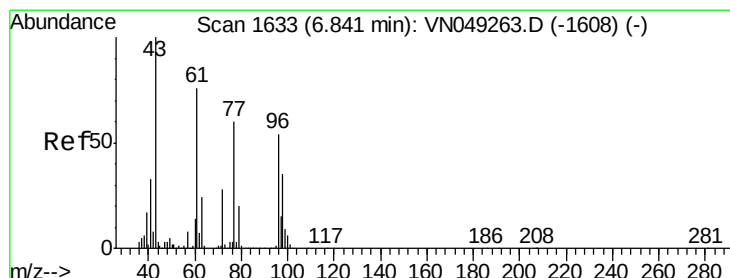
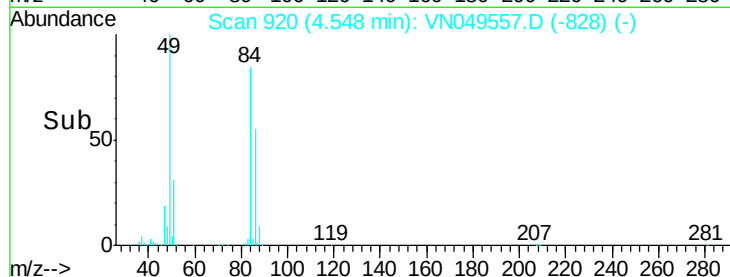
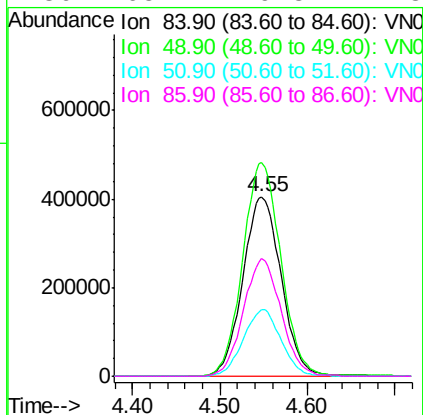
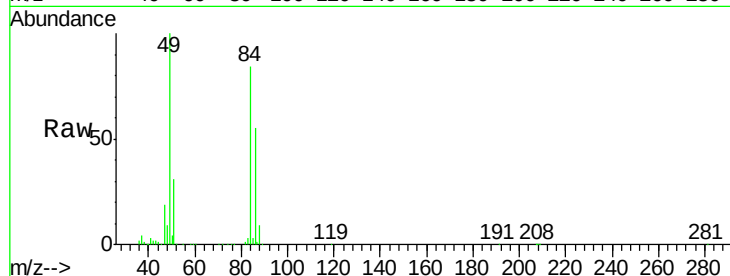


#20
Methylene Chloride
Concen: 65.63 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049557.D
Acq: 26 Jun 2018 17:14

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 84 Resp: 1231578

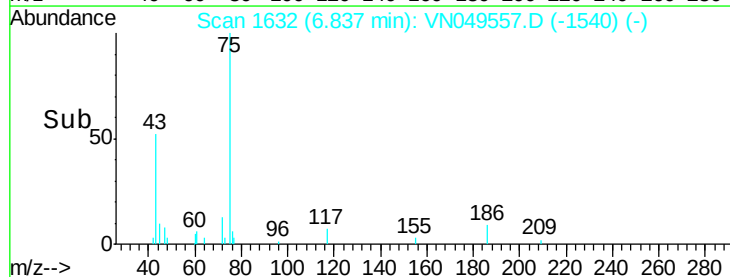
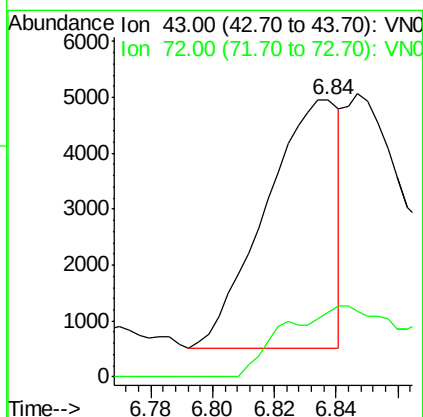
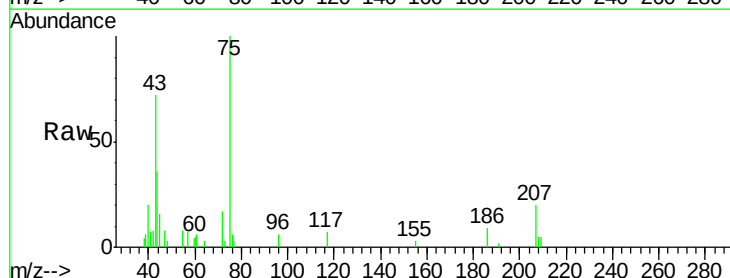
Ion	Ratio	Lower	Upper
84	100		
49	119.0	106.9	160.3
51	37.3	32.7	49.1
86	65.4	49.8	74.8

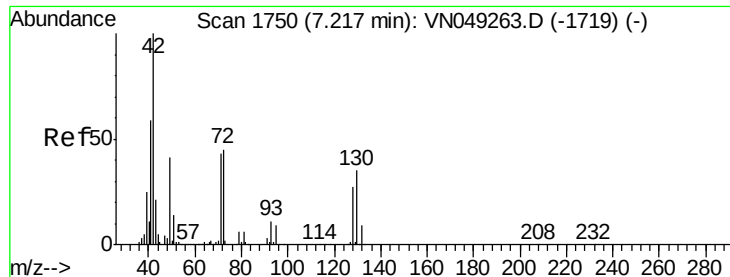


#25
2-Butanone
Concen: 1.21 ug/l
RT: 6.84 min Scan# 1632
Delta R.T. -0.00 min
Lab File: VN049557.D
Acq: 26 Jun 2018 17:14

Tgt Ion: 43 Resp: 7303

Ion	Ratio	Lower	Upper
43	100		
72	26.2	20.2	30.2





#29

Tetrahydrofuran

Concen: 0.49 ug/l

RT: 7.22 min Scan# 1750

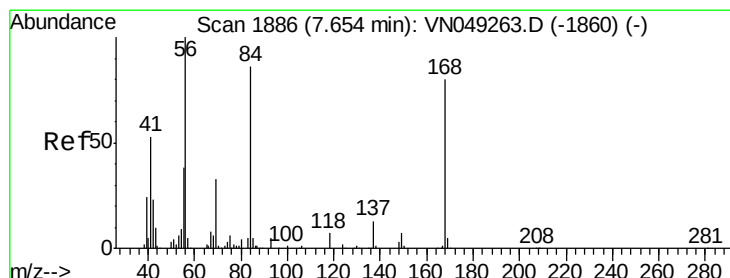
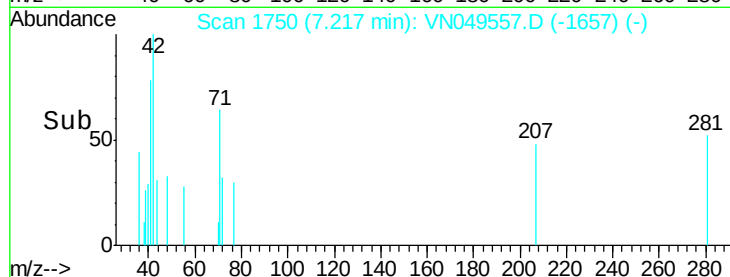
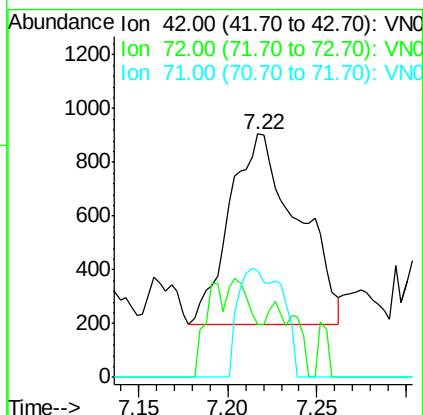
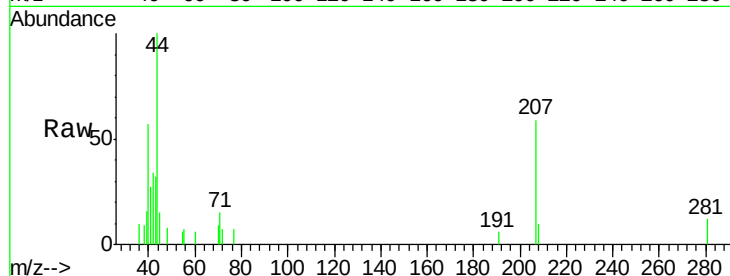
Delta R.T. -0.00 min

Lab File: VN049557.D

Acq: 26 Jun 2018 17:14

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	42.00	Resp:	1887
Ion	Ratio	Lower	Upper
42	100		
72	20.2	32.2	48.4#
71	37.3	30.5	45.7



#31

Cyclohexane

Concen: 0.76 ug/l

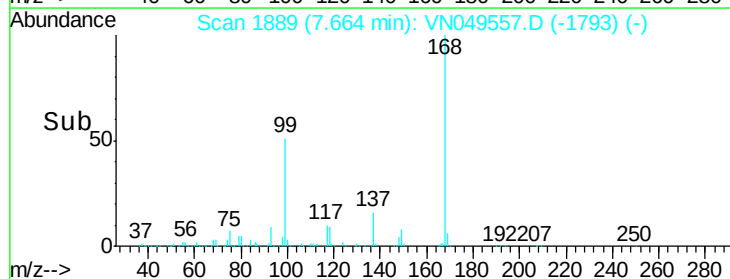
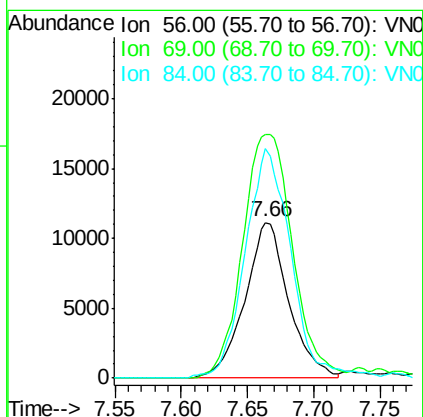
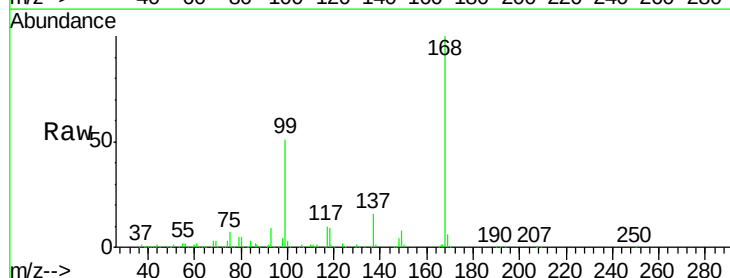
RT: 7.66 min Scan# 1889

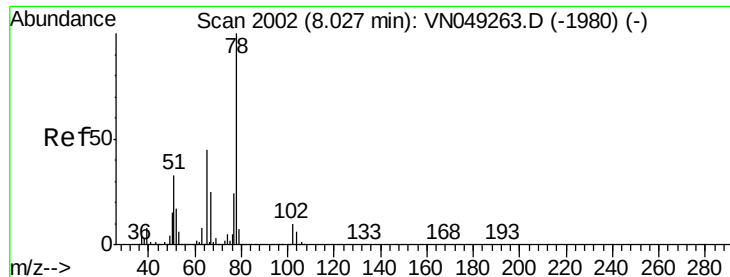
Delta R.T. 0.01 min

Lab File: VN049557.D

Acq: 26 Jun 2018 17:14

Tgt Ion:	56.00	Resp:	25662
Ion	Ratio	Lower	Upper
56	100		
69	156.4	25.0	37.4#
84	147.2	64.6	96.8#

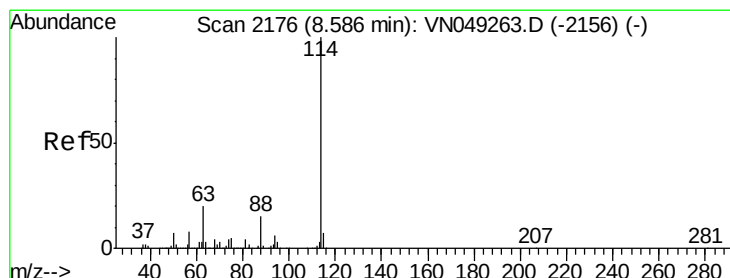
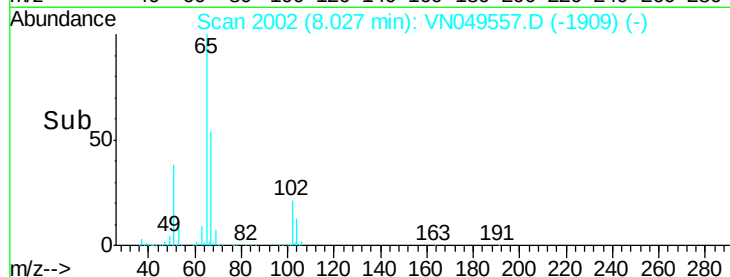
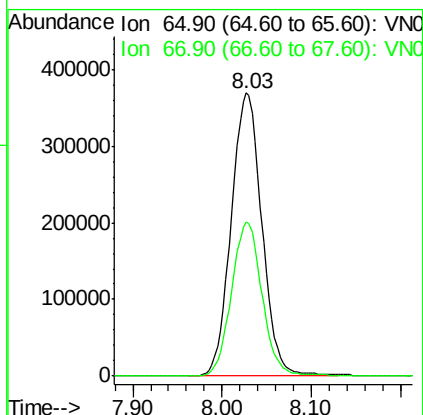
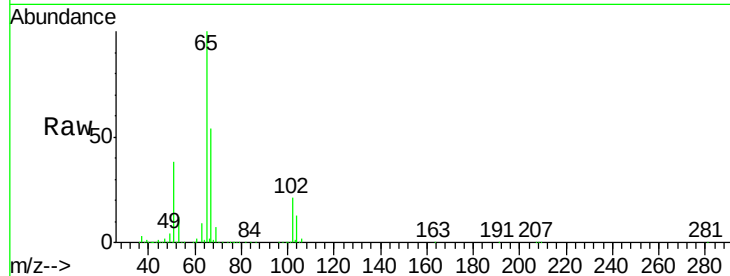




#33
 1,2-Dichloroethane-d4
 Concen: 47.68 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: VN049557.D
 Acq: 26 Jun 2018 17:14

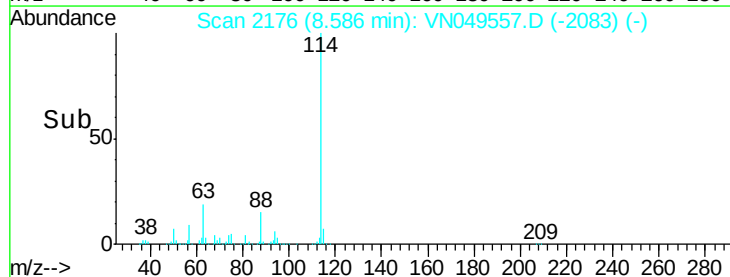
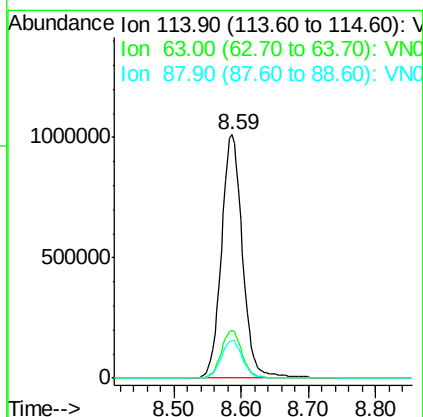
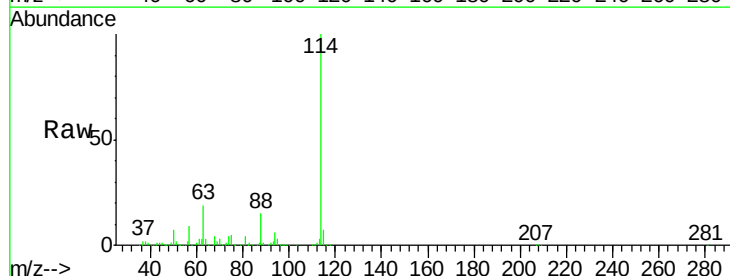
Instrument :
 MSVOA_N
 ClientSampleId :

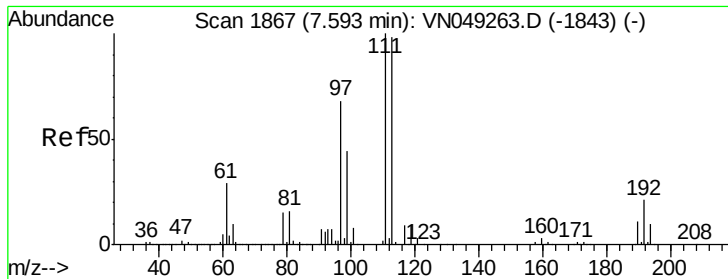
Tot Ion: 65 Resp: 882285
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN049557.D
 Acq: 26 Jun 2018 17:14

Tgt Ion: 114 Resp: 2210540
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 44.4
 88 15.5 0.0 31.4

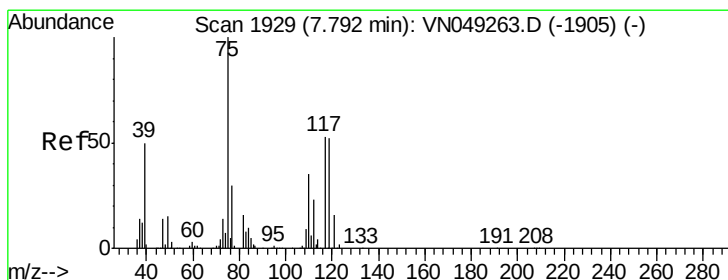
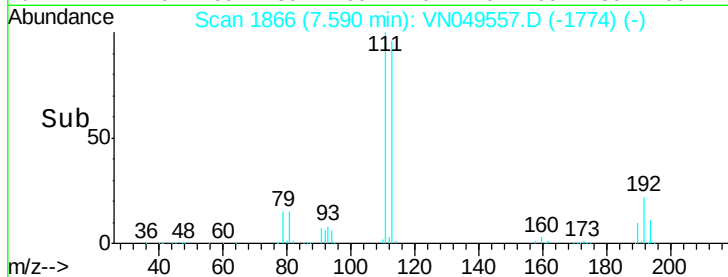
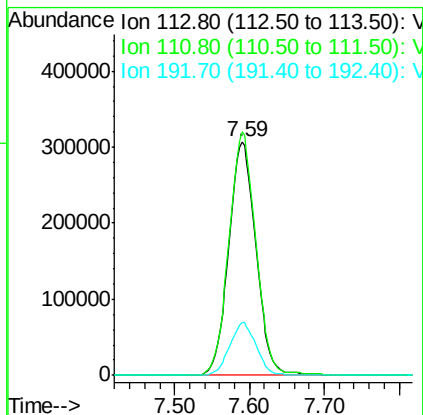
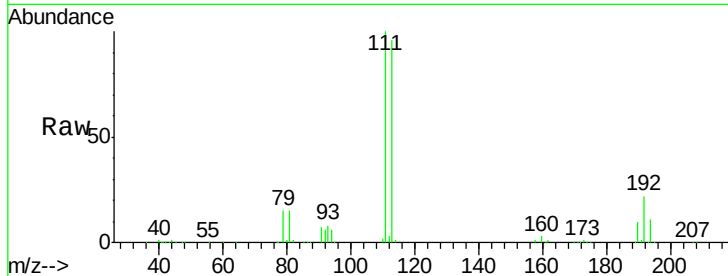




#35
 Dibromofluoromethane
 Concen: 43.46 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN049557.D
 Acq: 26 Jun 2018 17:14

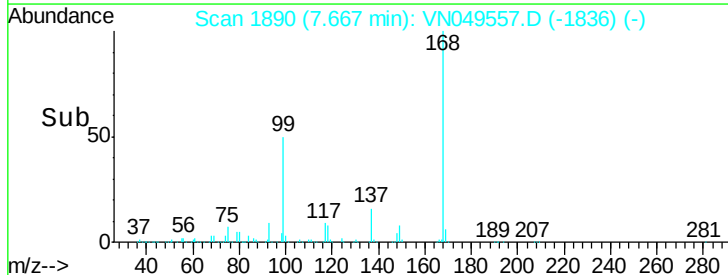
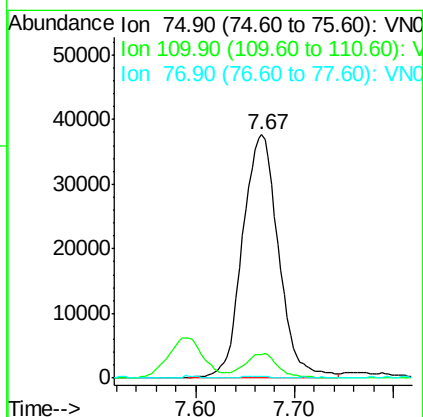
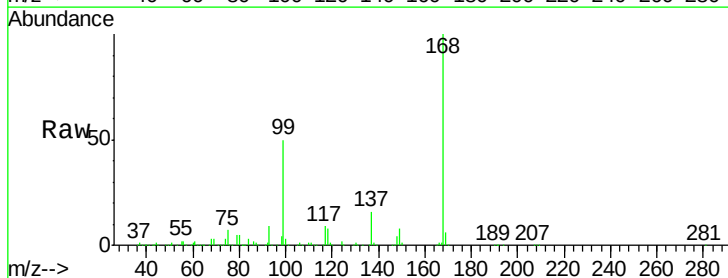
Instrument :
 MSVOA_N
 ClientSampleId :

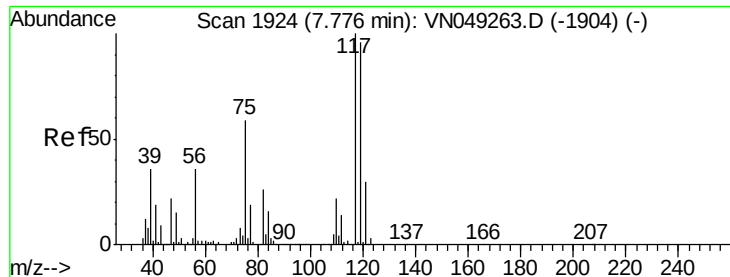
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.4	123.6
192	22.1	15.0	22.6



#36
 1,1-Dichloropropene
 Concen: 3.74 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN049557.D
 Acq: 26 Jun 2018 17:14

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.4	17.0	50.9#
77	0.2	24.4	36.6#





#38

Carbon Tetrachloride

Concen: 4.86 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. -0.11 min

Lab File: VN049557.D

Acq: 26 Jun 2018 17:14

Instrument :

MSVOA_N

ClientSampleId :

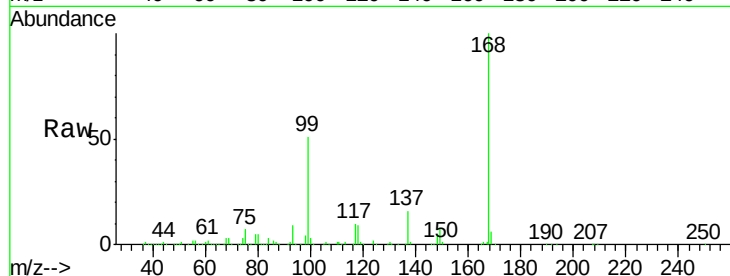
Tot Ion:117 Resp: 127364

Ion Ratio Lower Upper

117 100

119 5.8 75.6 113.4#

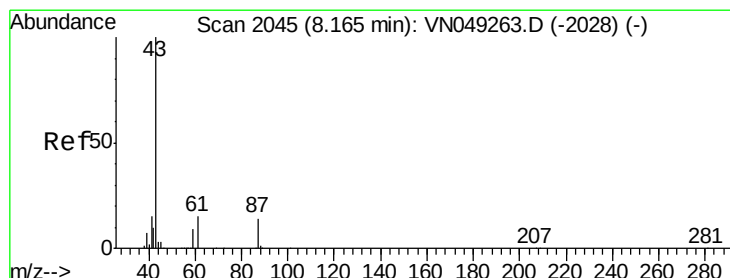
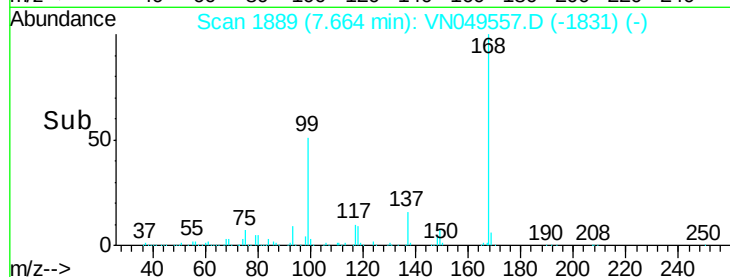
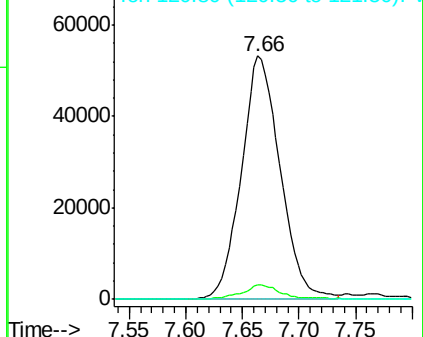
121 0.0 24.7 37.1#



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: 35.21 ug/l

RT: 8.27 min Scan# 2078

Delta R.T. 0.11 min

Lab File: VN049557.D

Acq: 26 Jun 2018 17:14

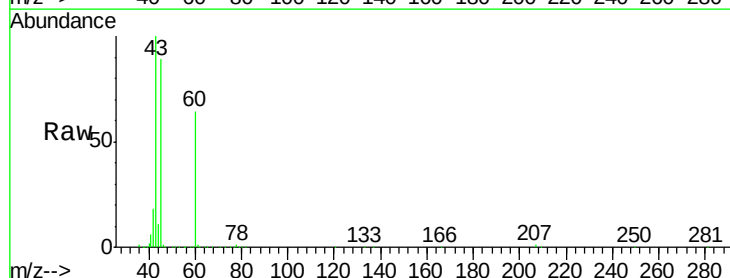
Tgt Ion: 43 Resp: 926469

Ion Ratio Lower Upper

43 100

61 0.0 14.2 21.4#

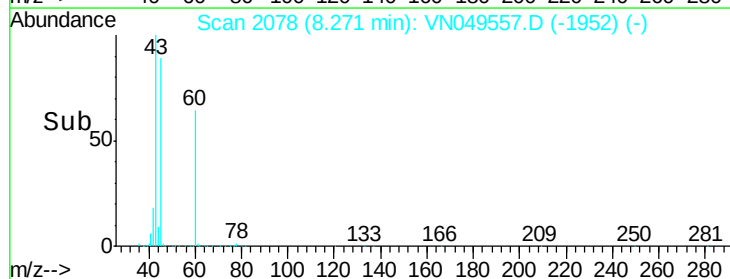
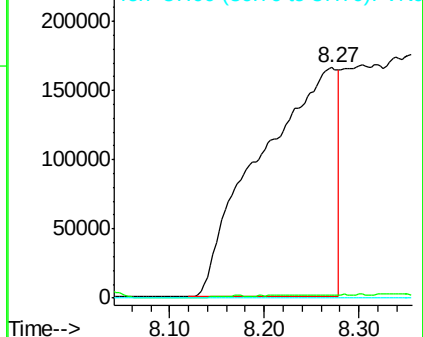
87 0.0 9.4 14.0#

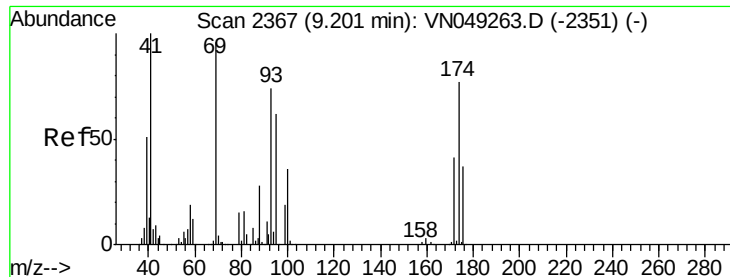


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V

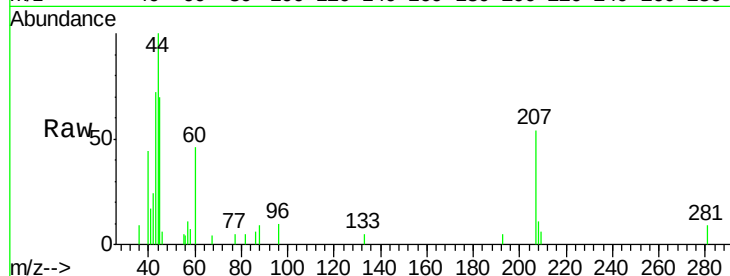




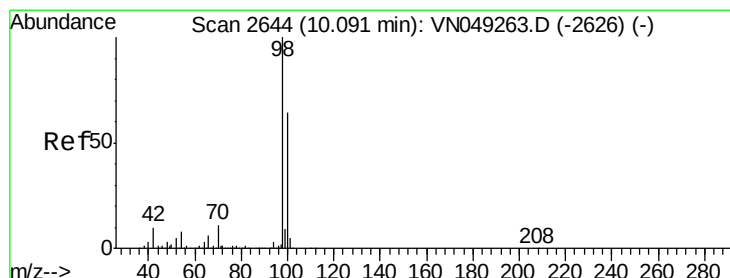
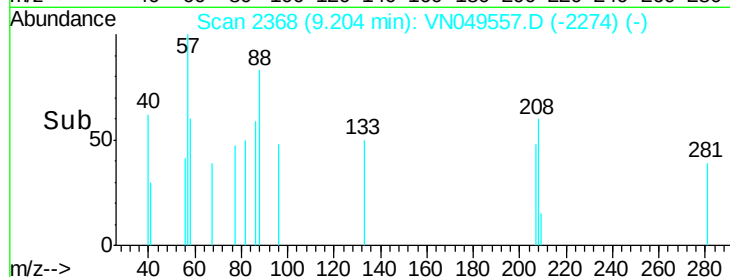
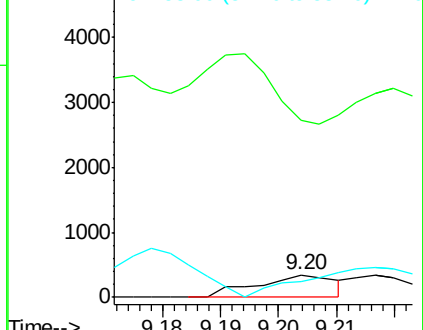
#49
1,4-Dioxane
Concen: 1.90 ug/l
RT: 9.20 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN049557.D
Acq: 26 Jun 2018 17:14

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 325
Ion Ratio Lower Upper
88 100
43 305.2 30.9 46.3#
58 0.0 58.9 88.3#

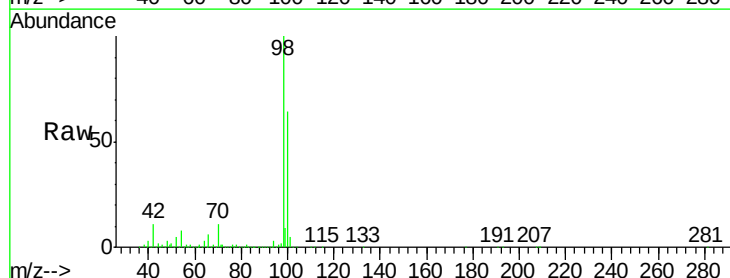


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

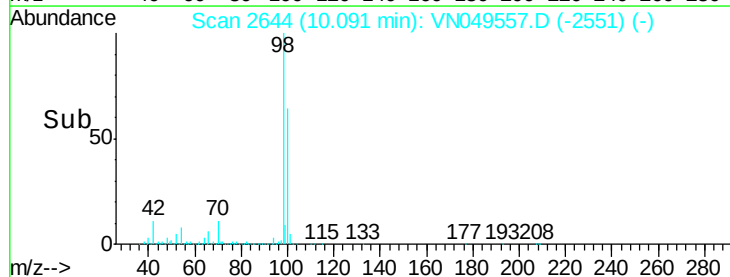
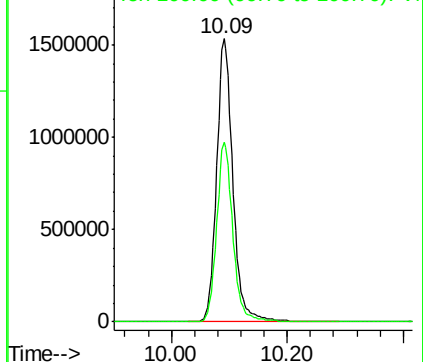


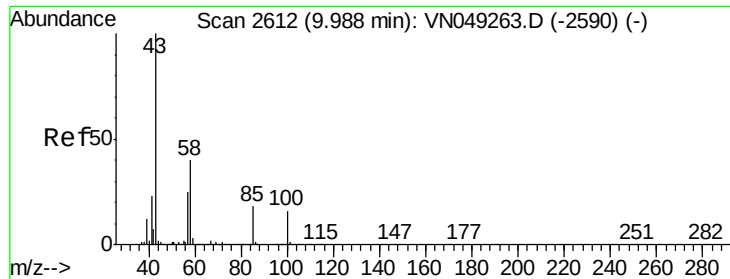
#50
Toluene-d8
Concen: 43.81 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049557.D
Acq: 26 Jun 2018 17:14

Tgt Ion: 98 Resp: 2983024
Ion Ratio Lower Upper
98 100
100 63.4 49.8 74.8



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

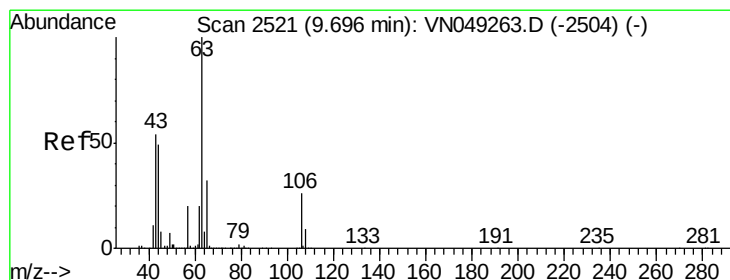
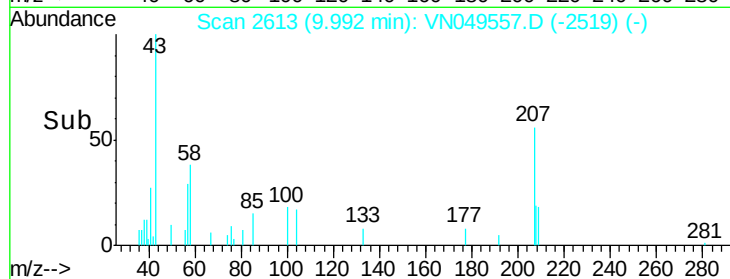
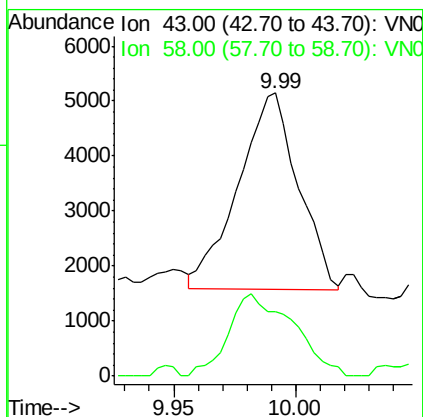
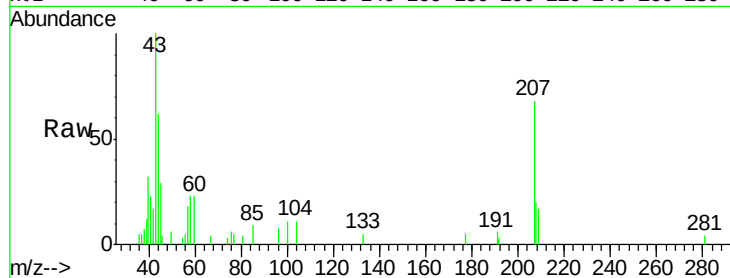




#51
 4-Methyl-2-Pentanone
 Concen: 0.44 ug/l
 RT: 9.99 min Scan# 2613
 Delta R.T. 0.00 min
 Lab File: VN049557.D
 Acq: 26 Jun 2018 17:14

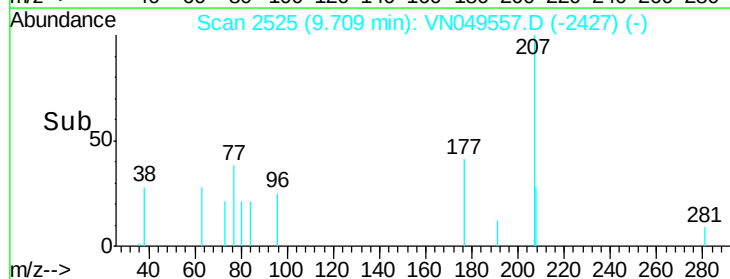
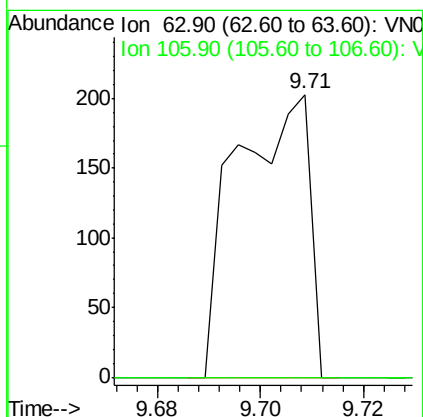
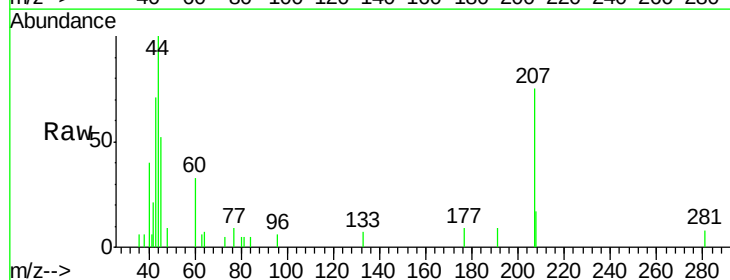
Instrument :
 MSVOA_N
 ClientSampled :

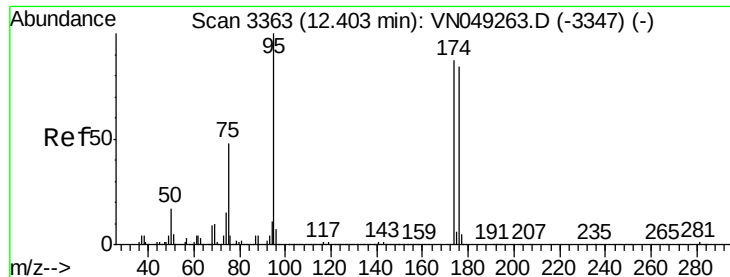
Tot Ion: 43 Resp: 6048
 Ion Ratio Lower Upper
 43 100
 58 45.8 29.0 43.6#



#58
 2-Chloroethyl Vinyl ether
 Concen: 14.35 ug/l
 RT: 9.71 min Scan# 2525
 Delta R.T. 0.01 min
 Lab File: VN049557.D
 Acq: 26 Jun 2018 17:14

Tgt Ion: 63 Resp: 198
 Ion Ratio Lower Upper
 63 100
 106 0.0 19.4 29.2#

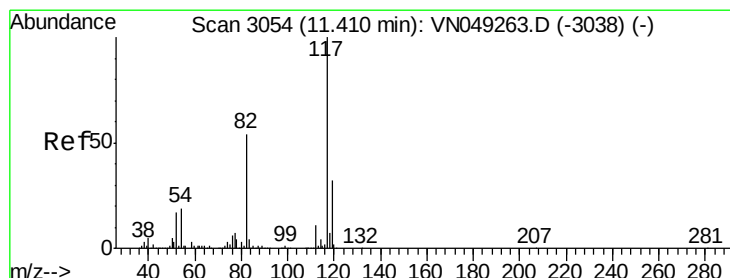
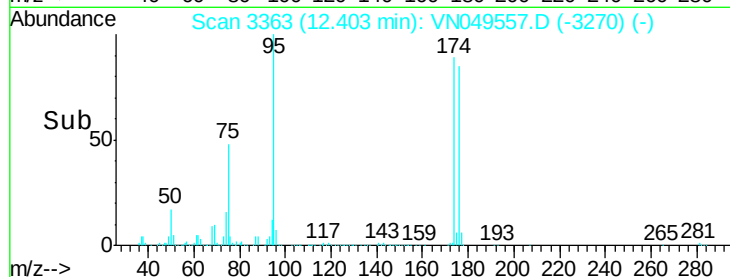
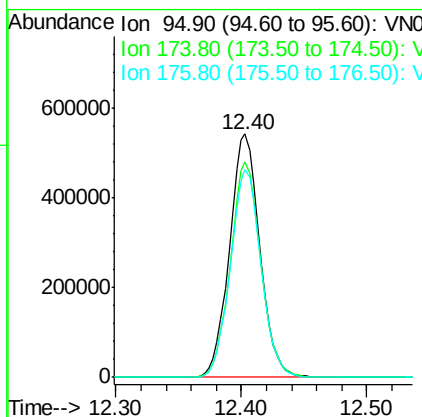
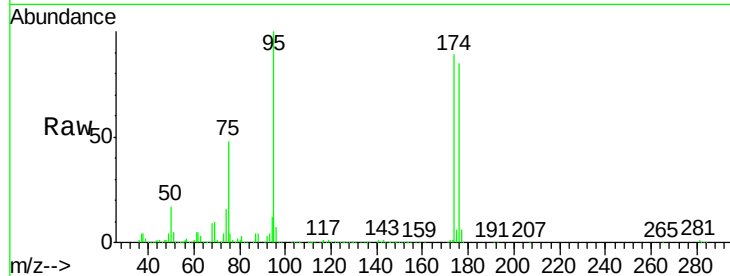




#62
4-Bromofluorobenzene
Concen: 40.16 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049557.D
Acq: 26 Jun 2018 17:14

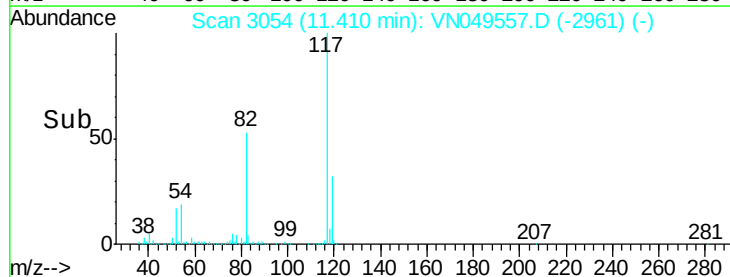
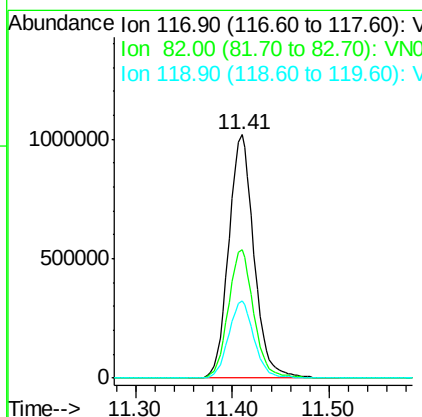
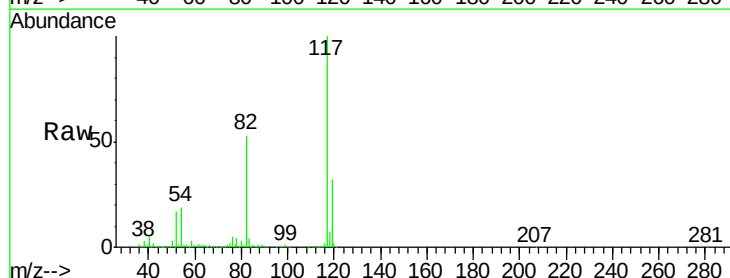
Instrument :
MSVOA_N
ClientSampleId :

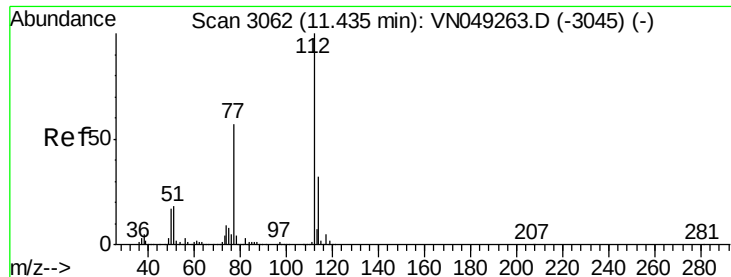
Tot Ion: 95 Resp: 904168
Ion Ratio Lower Upper
95 100
174 89.0 0.0 165.6
176 86.2 0.0 157.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049557.D
Acq: 26 Jun 2018 17:14

Tgt Ion: 117 Resp: 1846100
Ion Ratio Lower Upper
117 100
82 53.0 45.9 68.9
119 31.7 25.5 38.3





#65

Chlorobenzene

Concen: 0.21 ug/l

RT: 11.43 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN049557.D

Acq: 26 Jun 2018 17:14

Instrument :

MSVOA_N

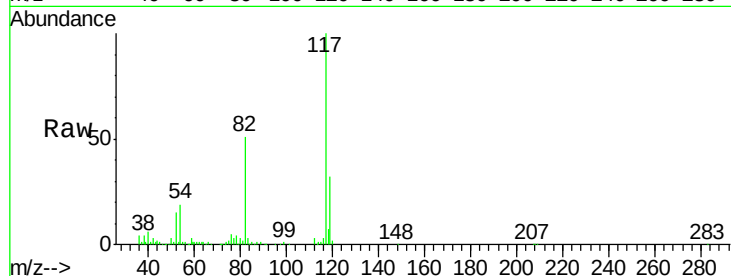
ClientSampled :

Tot Ion:112 Resp: 9927

Ion Ratio Lower Upper

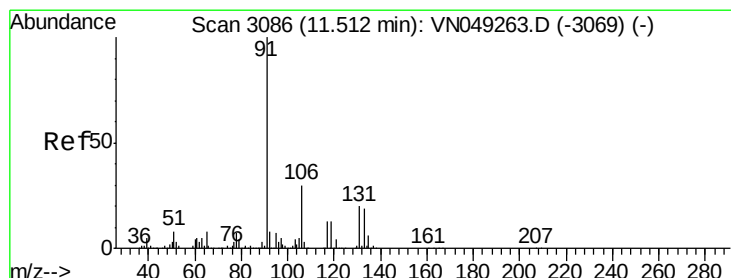
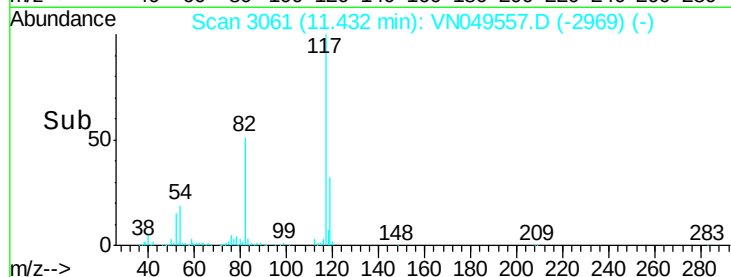
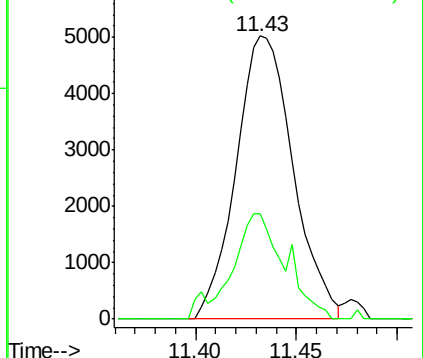
112 100

114 37.3 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#67

Ethyl Benzene

Concen: 0.35 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. -0.00 min

Lab File: VN049557.D

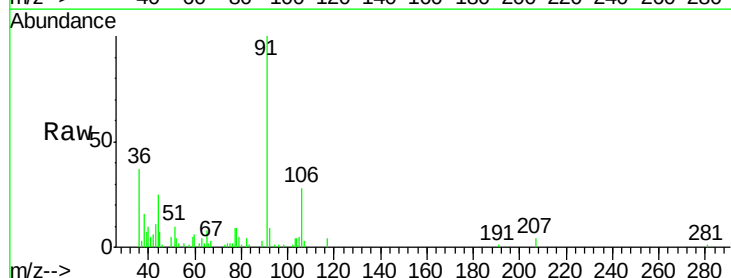
Acq: 26 Jun 2018 17:14

Tgt Ion: 91 Resp: 27426

Ion Ratio Lower Upper

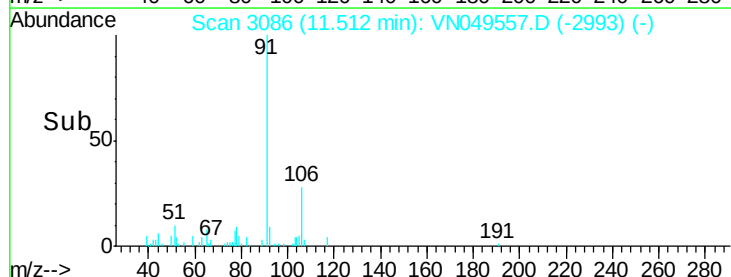
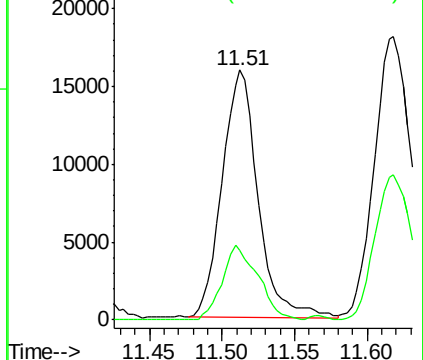
91 100

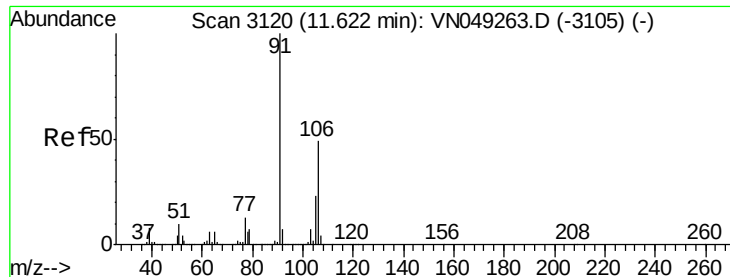
106 28.3 23.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 0.58 ug/l

RT: 11.62 min Scan# 3119

Delta R.T. -0.00 min

Lab File: VN049557.D

Acq: 26 Jun 2018 17:14

Instrument :

MSVOA_N

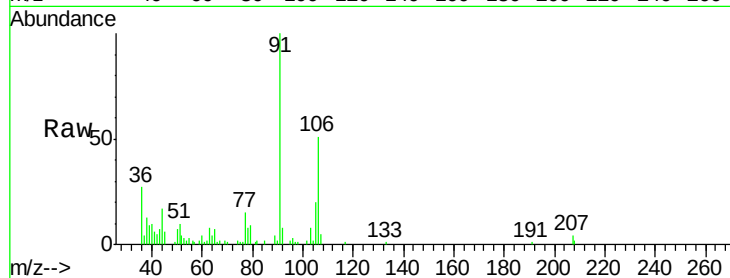
ClientSampled :

Tot Ion:106 Resp: 17298

Ion Ratio Lower Upper

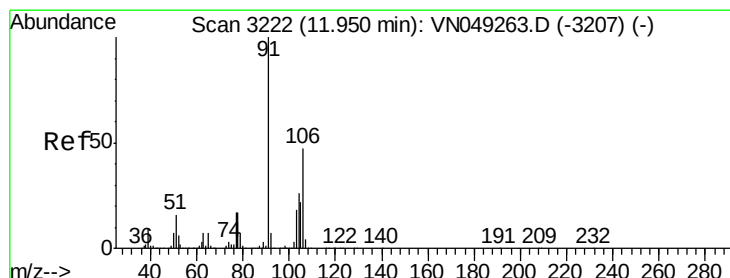
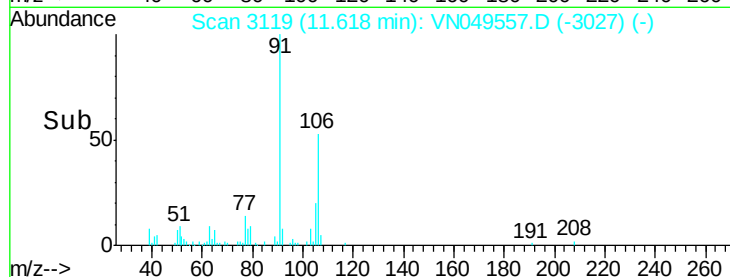
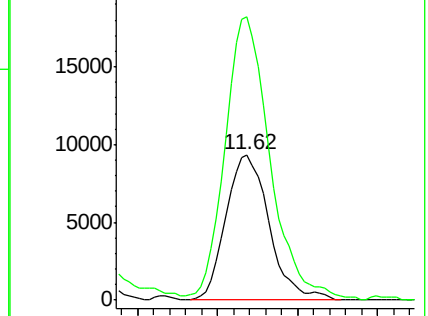
106 100

91 202.7 167.3 250.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#69

o-Xylene

Concen: 0.37 ug/l

RT: 11.95 min Scan# 3221

Delta R.T. -0.00 min

Lab File: VN049557.D

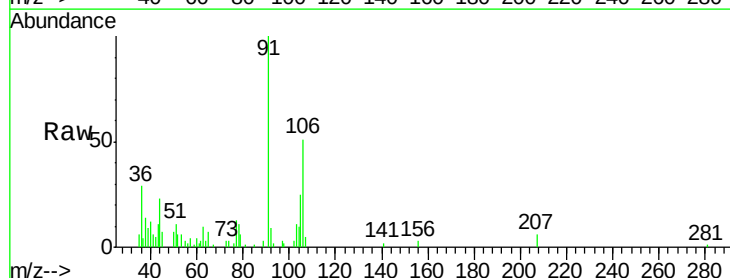
Acq: 26 Jun 2018 17:14

Tgt Ion:106 Resp: 10426

Ion Ratio Lower Upper

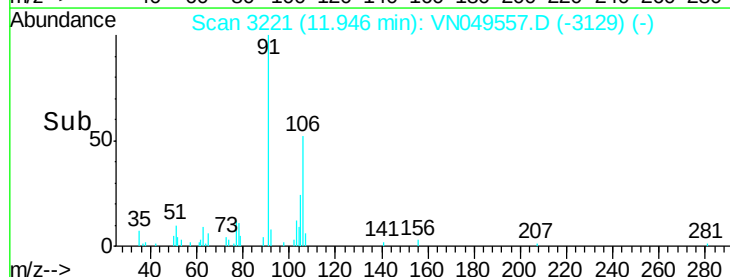
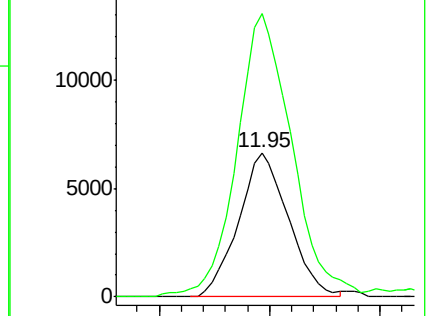
106 100

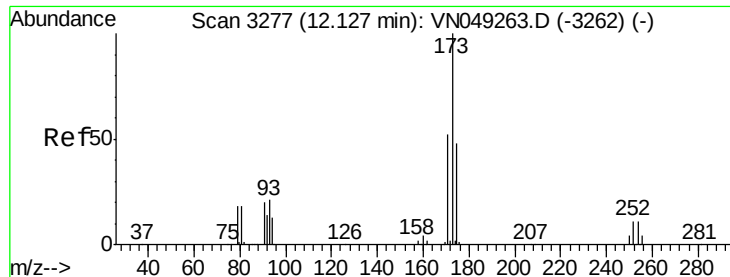
91 216.1 111.0 333.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





#71

Bromoform

Concen: 0.54 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.28 min

Lab File: VN049557.D

Acq: 26 Jun 2018 17:14

Instrument :

MSVOA_N

ClientSampled :

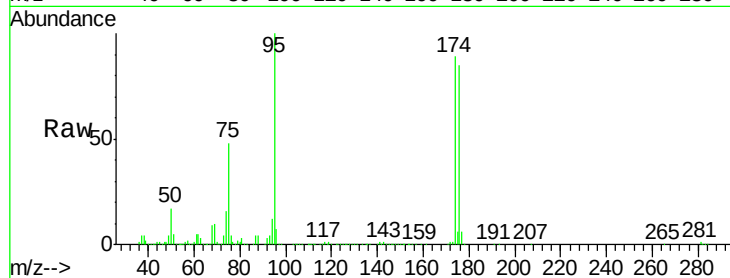
Tot Ion:173 Resp: 6243

Ion Ratio Lower Upper

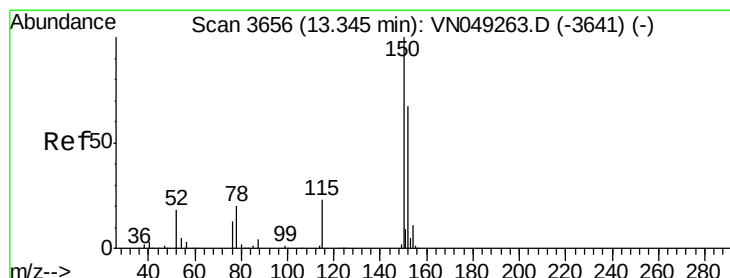
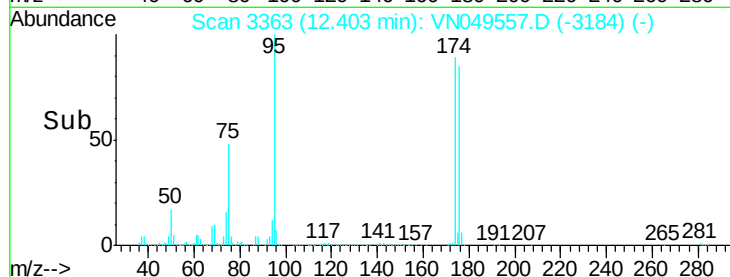
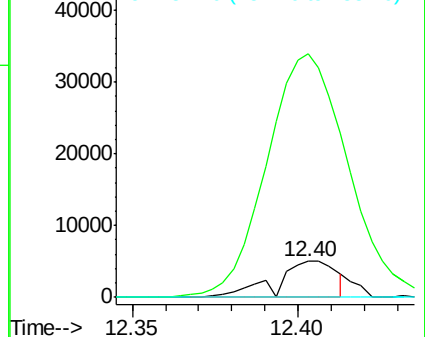
173 100

175 774.1 24.5 73.5#

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN049557.D

Acq: 26 Jun 2018 17:14

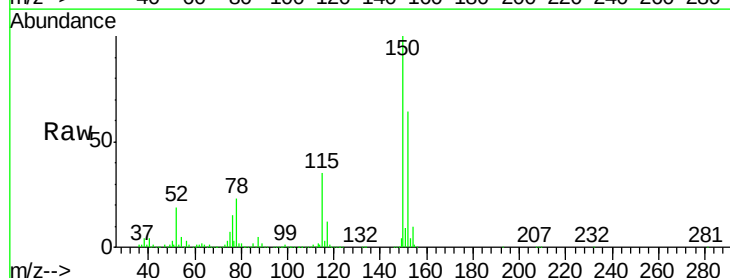
Tgt Ion:152 Resp: 772865

Ion Ratio Lower Upper

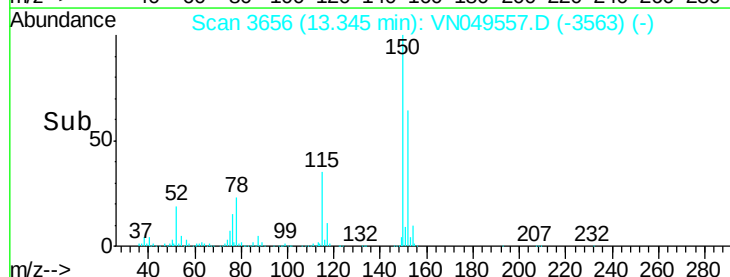
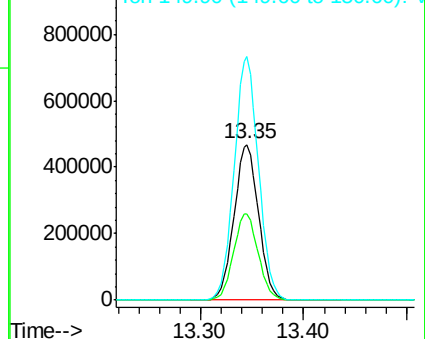
152 100

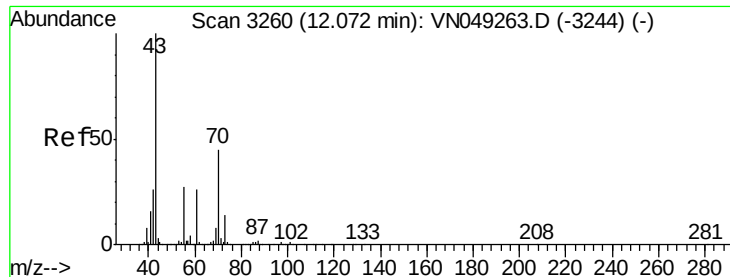
115 55.3 28.7 86.1

150 155.5 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





#74

N-amvl acetate

Concen: 0.37 ug/l

RT: 12.04 min Scan# 3249

Delta R.T. -0.04 min

Lab File: VN049557.D

Acq: 26 Jun 2018 17:14

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 6201

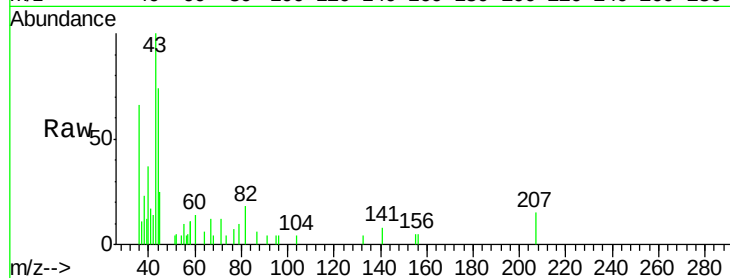
Ion Ratio Lower Upper

43 100

70 0.0 30.3 45.5#

55 4.3 19.4 29.2#

61 0.0 17.8 26.6#

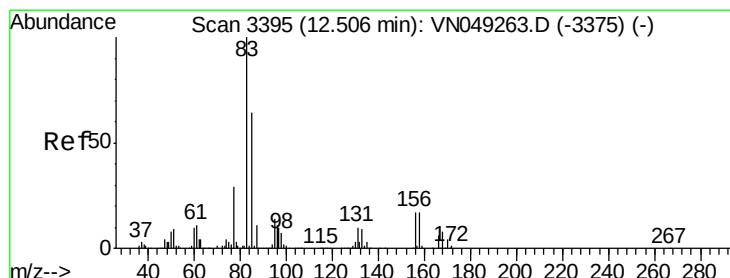
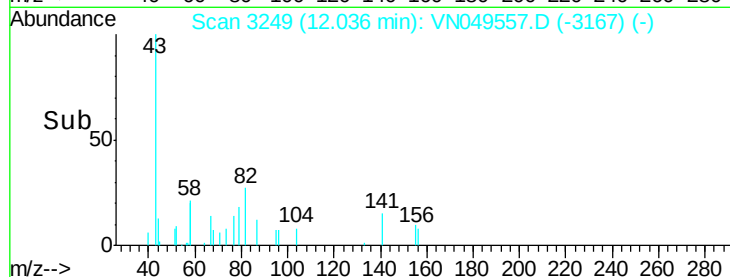
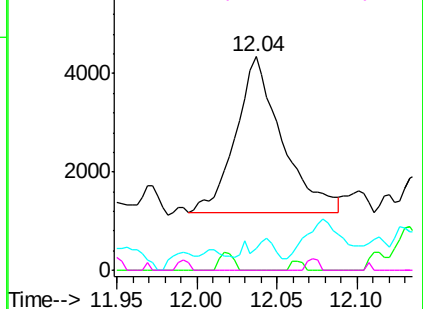


Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 12.50 min Scan# 3392

Delta R.T. -0.01 min

Lab File: VN049557.D

Acq: 26 Jun 2018 17:14

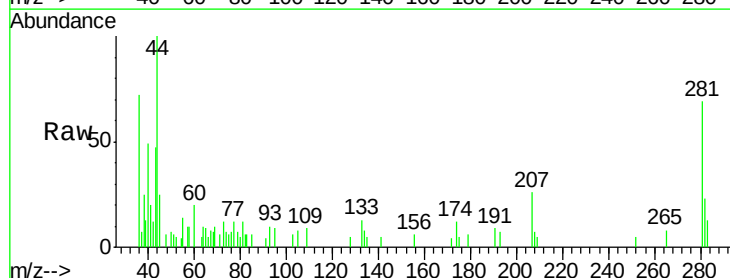
Tgt Ion: 83 Resp: 191

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

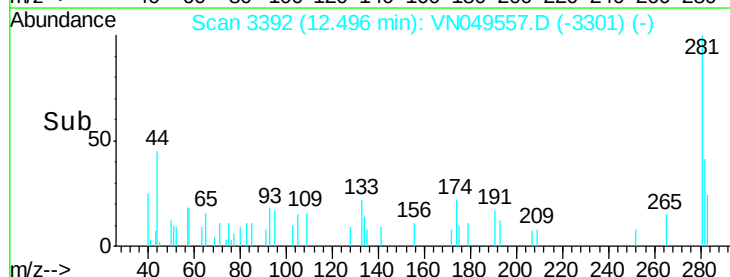
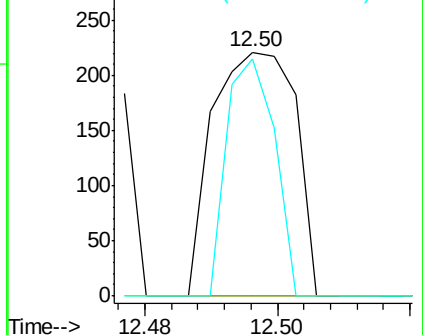
85 56.5 32.0 96.0

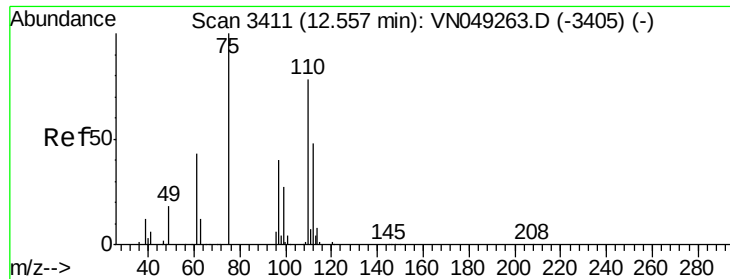


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 33.15 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049557.D

Acq: 26 Jun 2018 17:14

Instrument :

MSVOA_N

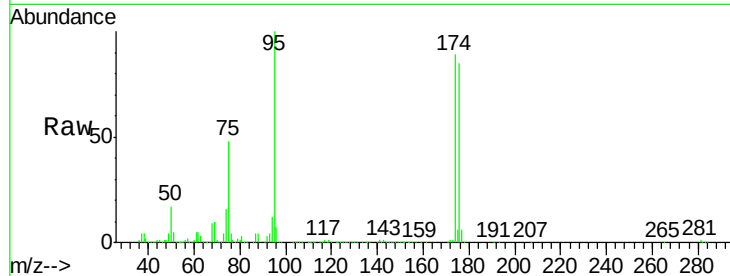
ClientSampleId :

Tot Ion: 75 Resp: 437175

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.40

250000

200000

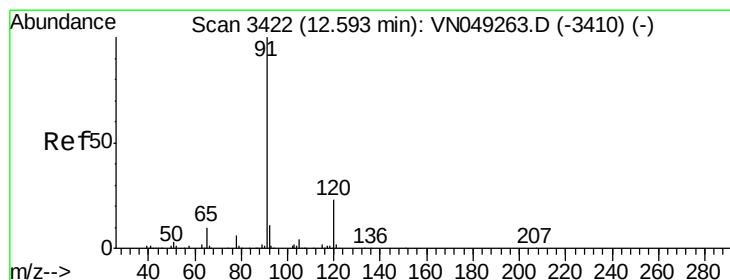
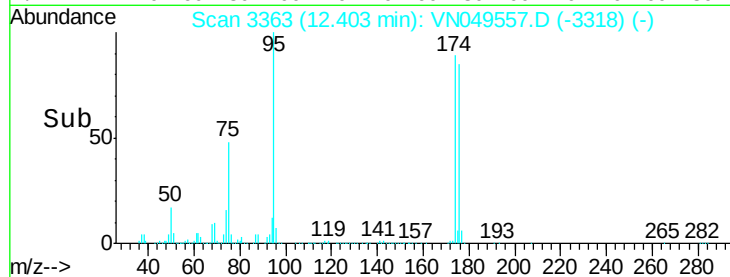
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#78

n-propylbenzene

Concen: 0.45 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. -0.00 min

Lab File: VN049557.D

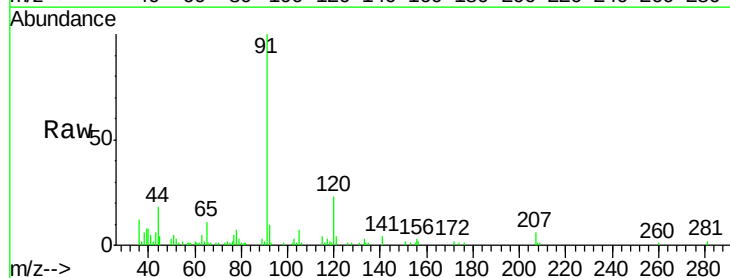
Acq: 26 Jun 2018 17:14

Tgt Ion: 91 Resp: 33417

Ion Ratio Lower Upper

91 100

120 21.7 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

12.59

20000

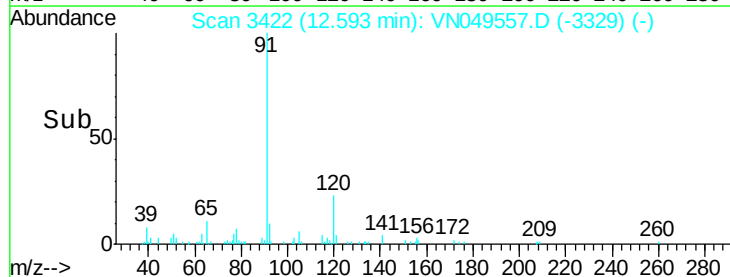
15000

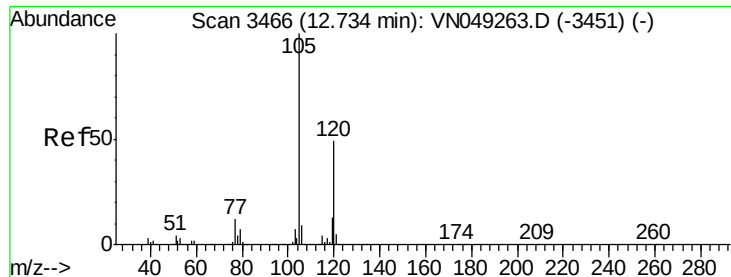
10000

5000

0

Time--> 12.50 12.55 12.60 12.65





#80

1,3,5-Trimethylbenzene

Concen: 0.33 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.00 min

Lab File: VN049557.D

Acq: 26 Jun 2018 17:14

Instrument :

MSVOA_N

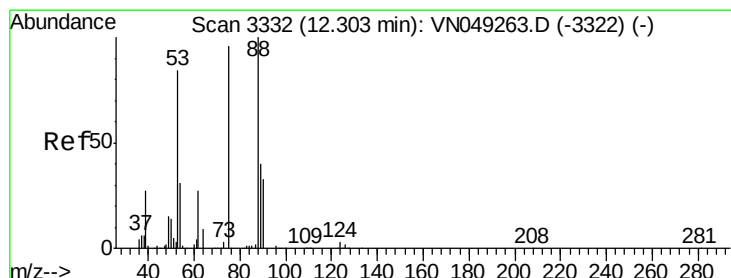
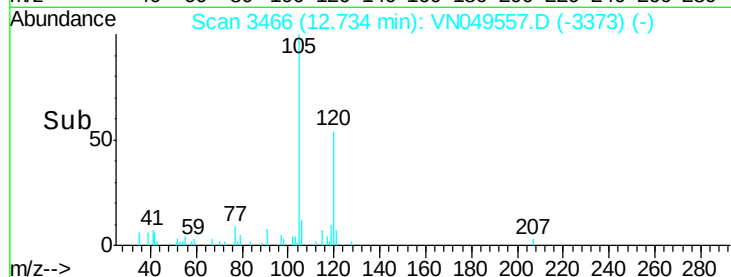
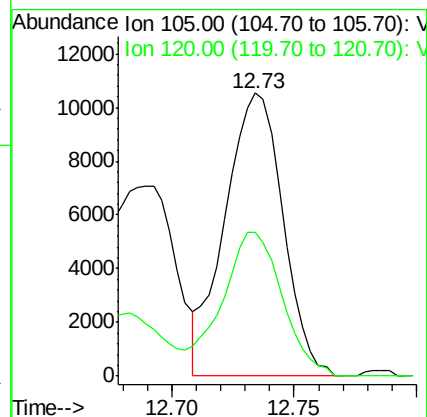
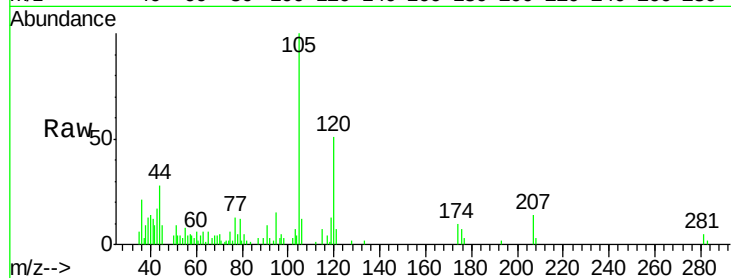
ClientSampled :

Tot Ion:105 Resp: 17368

Ion Ratio Lower Upper

105 100

120 53.1 23.5 70.5



#81

trans-1,4-Dichloro-2-butene

Concen: 104.78 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049557.D

Acq: 26 Jun 2018 17:14

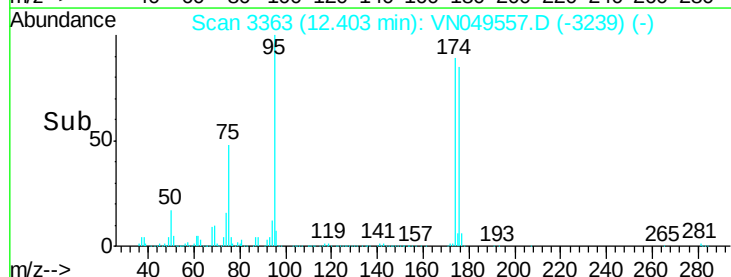
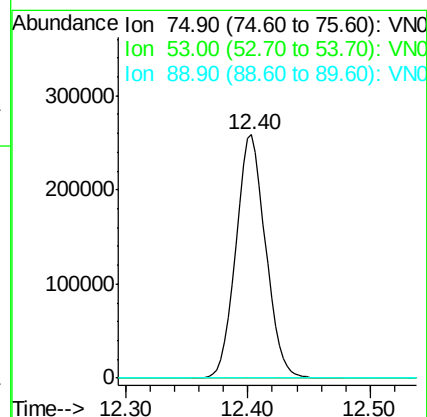
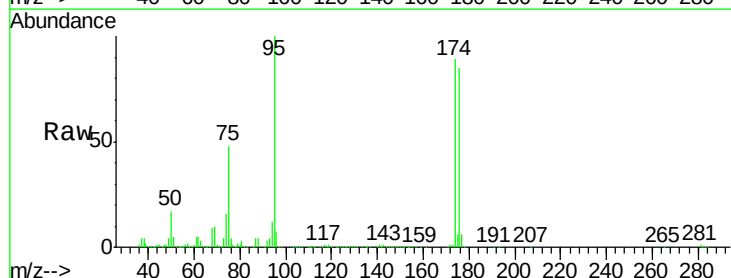
Tgt Ion: 75 Resp: 437175

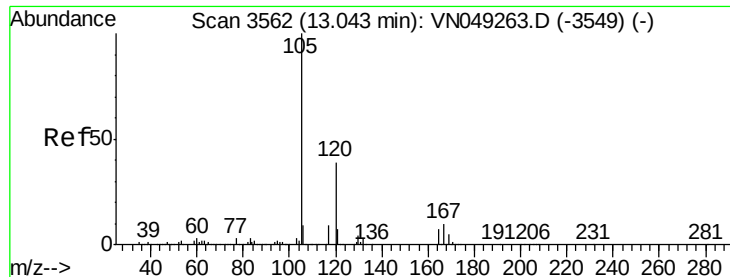
Ion Ratio Lower Upper

75 100

53 0.2 82.7 124.1#

89 0.0 36.5 54.7#





#84

1,2,4-Trimethylbenzene

Concen: 1.00 ug/l

RT: 13.04 min Scan# 3561

Delta R.T. -0.00 min

Lab File: VN049557.D

Acq: 26 Jun 2018 17:14

Instrument :

MSVOA_N

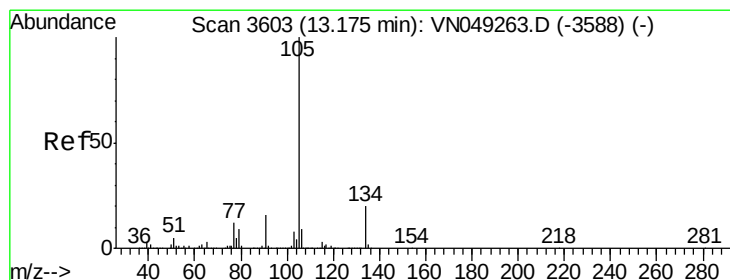
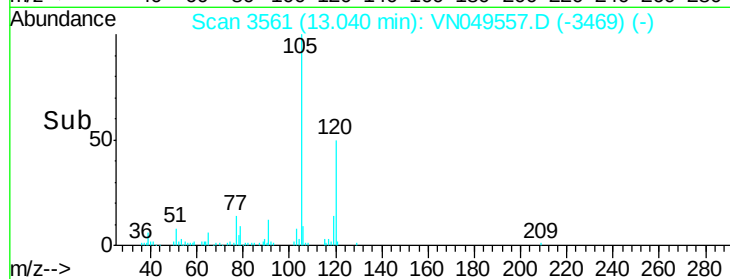
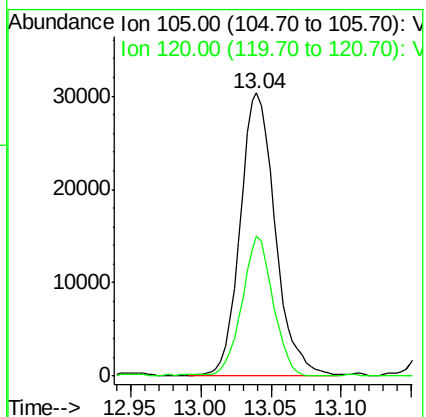
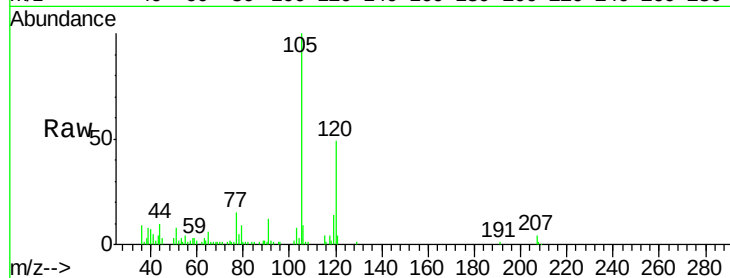
ClientSampleId :

Tot Ion:105 Resp: 52968

Ion Ratio Lower Upper

105 100

120 43.9 22.2 66.6



#85

sec-Butylbenzene

Concen: 0.32 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. -0.00 min

Lab File: VN049557.D

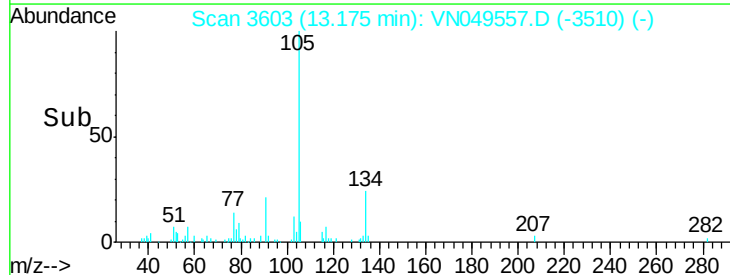
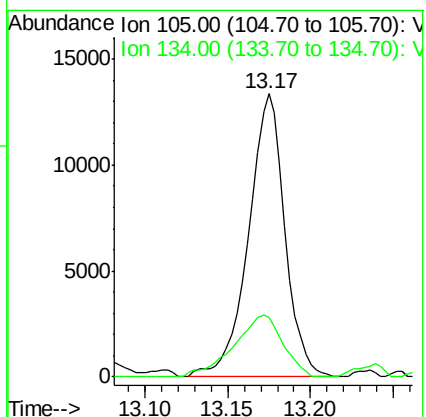
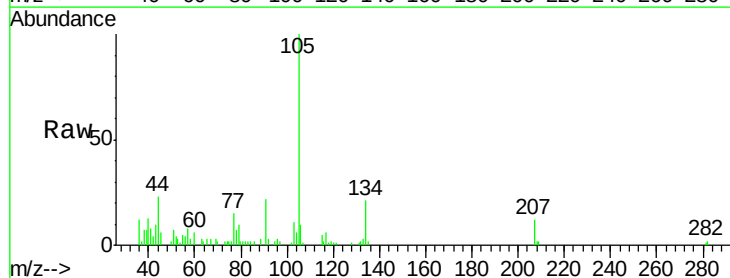
Acq: 26 Jun 2018 17:14

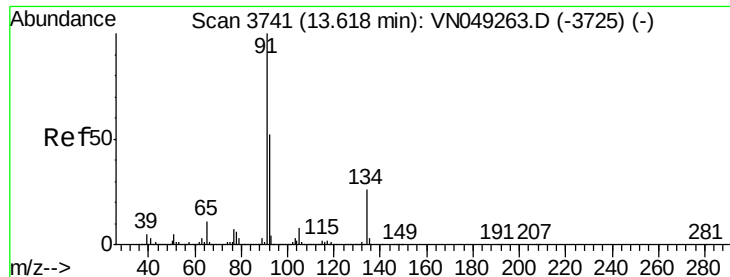
Tgt Ion:105 Resp: 20388

Ion Ratio Lower Upper

105 100

134 29.2 9.8 29.3

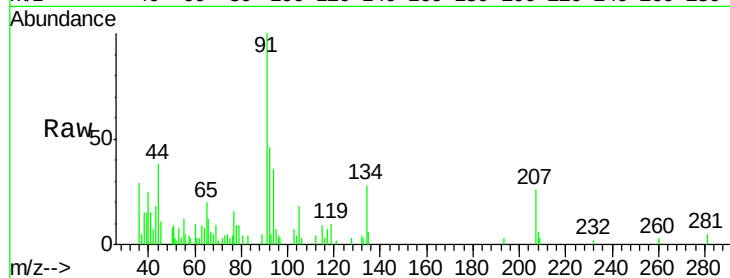




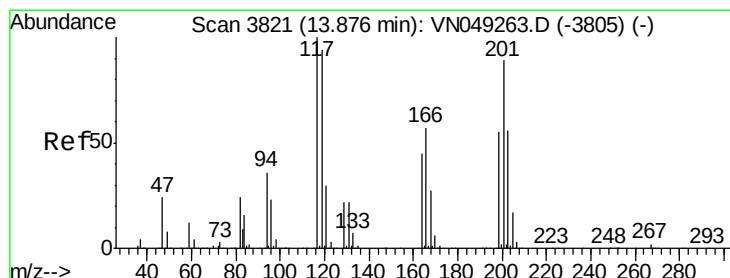
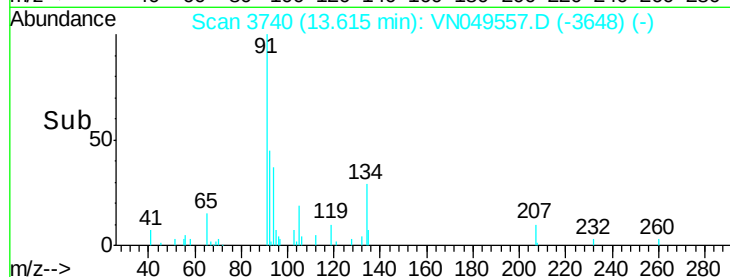
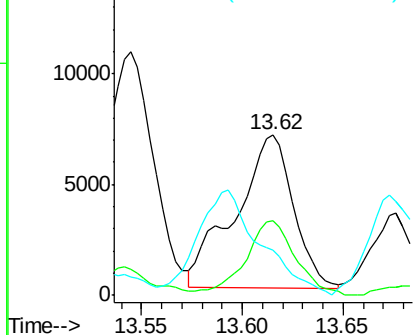
#89
n-Butylbenzene
Concen: 0.34 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. -0.00 min
Lab File: VN049557.D
Acq: 26 Jun 2018 17:14

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 91 Resp: 13770
Ion Ratio Lower Upper
91 100
92 42.3 25.1 75.4
134 0.0 12.0 36.0#

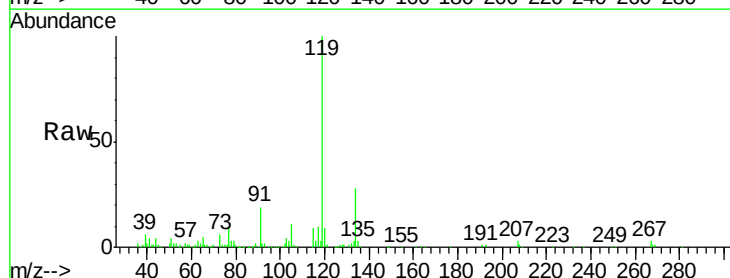


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): V

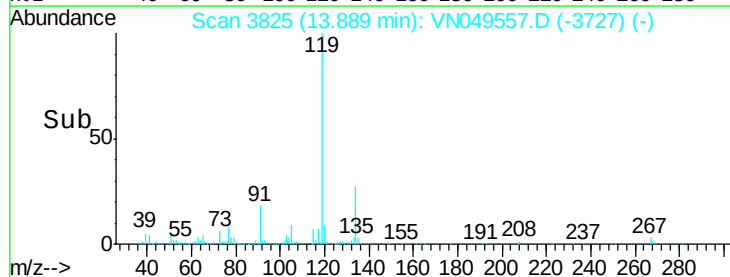
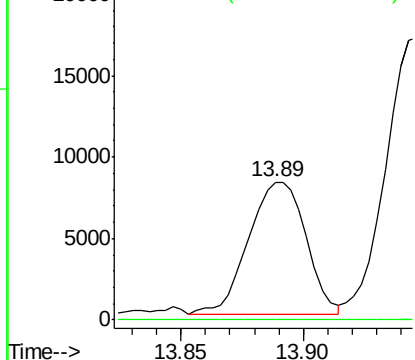


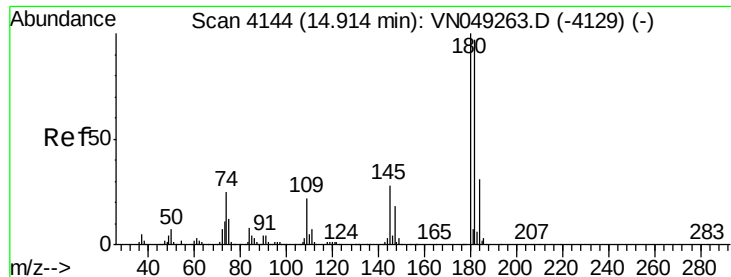
#90
Hexachloroethane
Concen: Below Cal
RT: 13.89 min Scan# 3825
Delta R.T. 0.01 min
Lab File: VN049557.D
Acq: 26 Jun 2018 17:14

Tgt Ion: 117 Resp: 13250
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

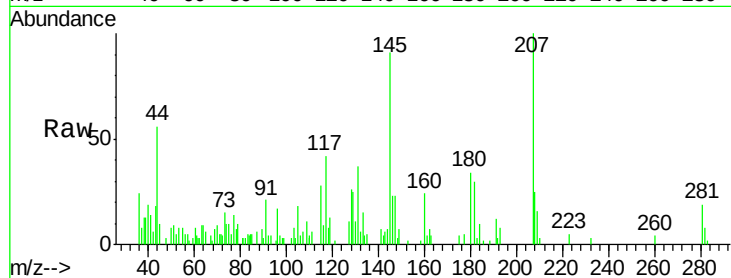




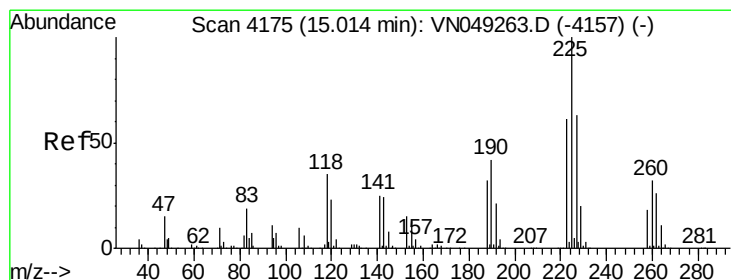
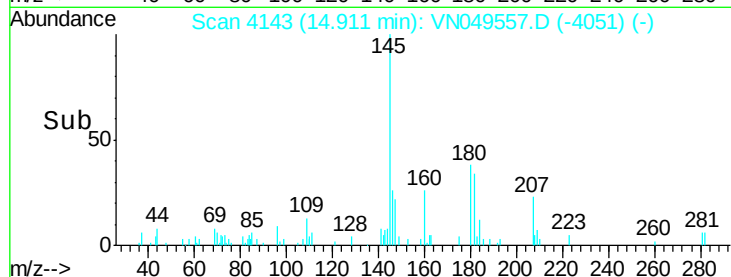
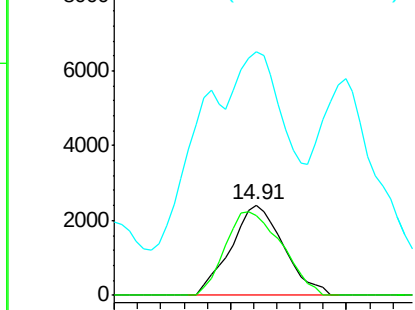
#93
 1,2,4-Trichlorobenzene
 Concen: 5.00 ua/l
 RT: 14.91 min Scan# 4143
 Delta R.T. -0.00 min
 Lab File: VN049557.D
 Acq: 26 Jun 2018 17:14

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 3803
 Ion Ratio Lower Upper
 180 100
 182 99.6 46.9 140.8
 145 132.2 14.7 44.1#

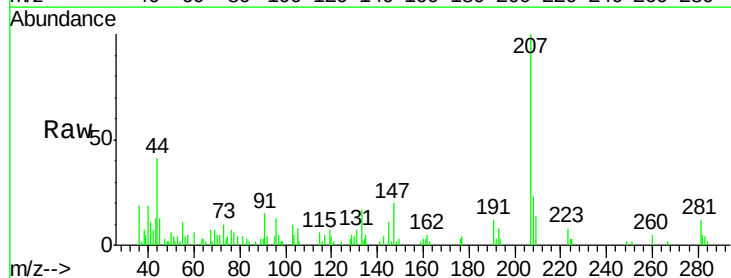


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

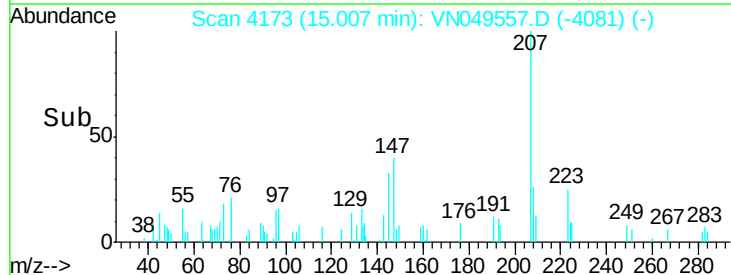
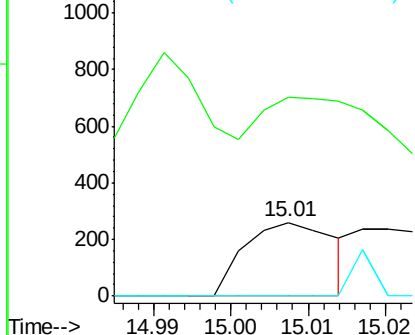


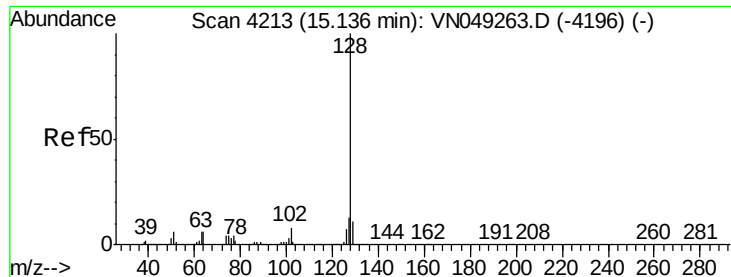
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4173
 Delta R.T. -0.01 min
 Lab File: VN049557.D
 Acq: 26 Jun 2018 17:14

Tgt Ion:225 Resp: 210
 Ion Ratio Lower Upper
 225 100
 223 127.1 32.1 96.3#
 227 14.8 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: 31.40 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049557.D

Acq: 26 Jun 2018 17:14

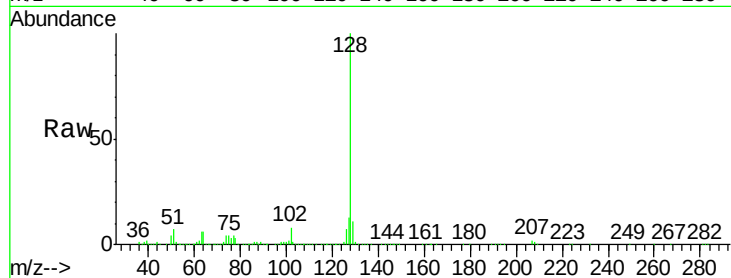
Instrument :

MSVOA_N

ClientSampled :

Tot Ion:128 Resp: 683589

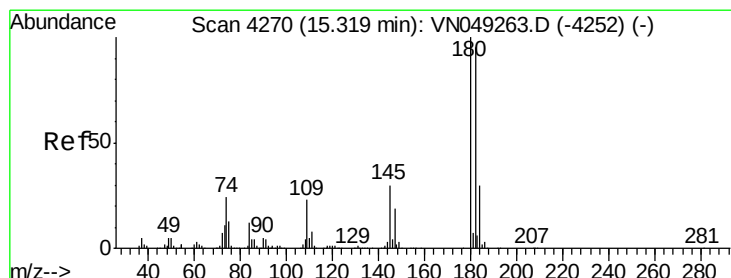
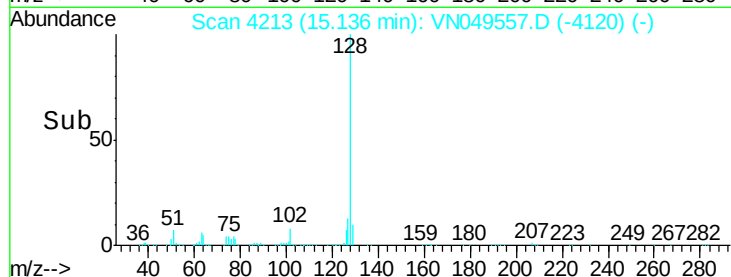
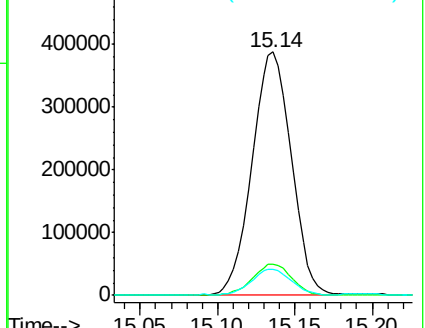
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.6	16.0
129	10.4	8.5	12.7



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: 3.56 ug/l

RT: 15.32 min Scan# 4269

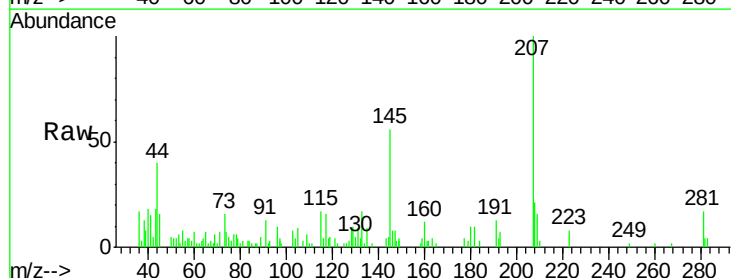
Delta R.T. -0.00 min

Lab File: VN049557.D

Acq: 26 Jun 2018 17:14

Tgt Ion:180 Resp: 1462

Ion	Ratio	Lower	Upper
180	100		
182	98.2	47.3	141.8
145	402.3	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

