

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062018\
 Data File : VN049445.D
 Acq On : 20 Jun 2018 19:12
 Operator : MD\SY
 Sample : J3247-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 21 01:30:51 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	1217079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1896809	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1571455	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	467498	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	817469	50.64	ug/l	0.00
Spiked Amount			Recovery	=	101.28%	
35) Dibromofluoromethane	7.59	113	715069	46.60	ug/l	0.00
Spiked Amount			Recovery	=	93.20%	
50) Toluene-d8	10.09	98	2593772	44.39	ug/l	0.00
Spiked Amount			Recovery	=	88.78%	
62) 4-Bromofluorobenzene	12.40	95	664730	34.40	ug/l	0.00
Spiked Amount			Recovery	=	68.80%	

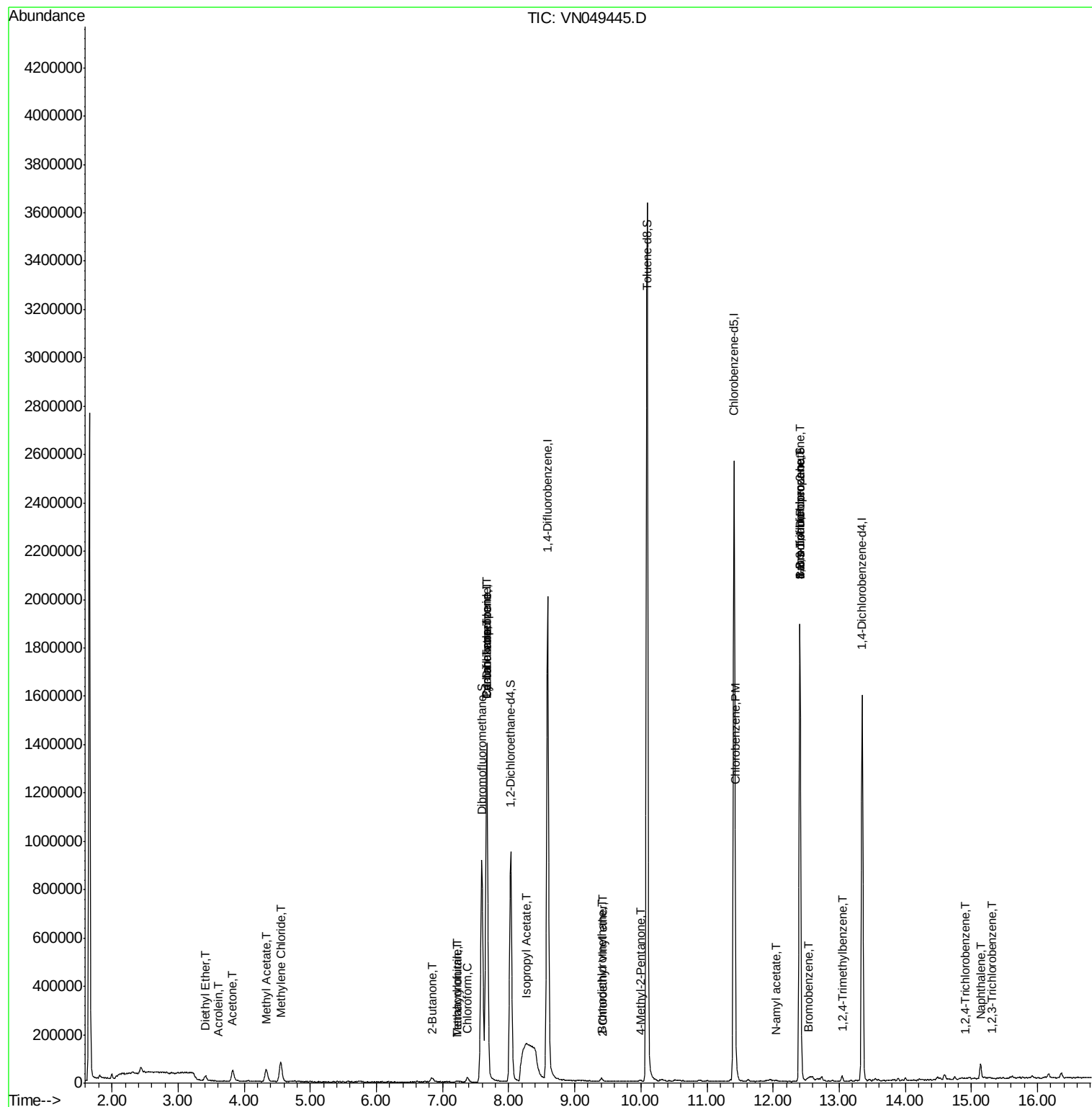
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.41	74	11035	1.32	ug/l	88
13) Acrolein	3.61	56	643	0.65	ug/l	87
16) Acetone	3.82	43	79644	20.32	ug/l	96
18) Methyl Acetate	4.33	43	101494	8.49	ug/l	95
20) Methylene Chloride	4.55	84	60382	3.69	ug/l	90
25) 2-Butanone	6.86	43	6065	1.15	ug/l #	71
29) Tetrahydrofuran	7.21	42	952	0.28	ug/l #	87
30) Chloroform	7.38	83	19019	0.68	ug/l	96
31) Cyclohexane	7.66	56	22674	0.78	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	81924	3.77	ug/l #	51
38) Carbon Tetrachloride	7.67	117	107254	4.77	ug/l #	17
41) Methacrylonitrile	7.22	41	1363	0.21	ug/l #	100
43) Isopropyl Acetate	8.27	43	235999	10.45	ug/l #	64
47) Bromodichloromethane	9.41	83	8483	0.38	ug/l	93
51) 4-Methyl-2-Pentanone	9.99	43	4275	0.36	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.44	63	36	14.33	ug/l #	51
65) Chlorobenzene	11.44	112	13106	0.32	ug/l	96
71) Bromoform	12.41	173	5408	0.55	ug/l #	1
74) N-amyl acetate	12.05	43	2829	0.28	ug/l #	53
75) 1,1,2,2-Tetrachloroethane	12.54	83	29	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.40	75	322501	40.43	ug/l #	100
77) Bromobenzene	12.53	156	5609	0.52	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.40	75	322501	127.78	ug/l #	9
84) 1,2,4-Trimethylbenzene	13.04	105	12346	0.39	ug/l	97
90) Hexachloroethane	13.88	117	342	Below Cal	#	9
93) 1,2,4-Trichlorobenzene	14.91	180	305	4.78	ug/l #	29
95) Naphthalene	15.14	128	54867	6.27	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	92	3.47	ug/l #	71

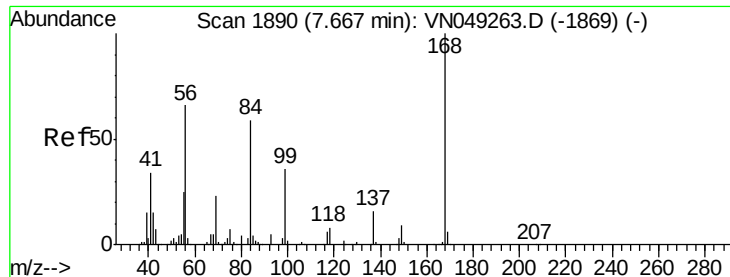
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN049445.D

Acq: 20 Jun 2018 19:12

Instrument :

MSVOA_N

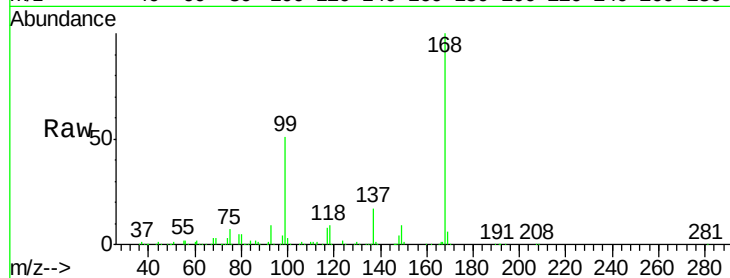
ClientSampleId :

Tot Ion:168 Resp: 1217079

Ion Ratio Lower Upper

168 100

99 50.8 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

500000

400000

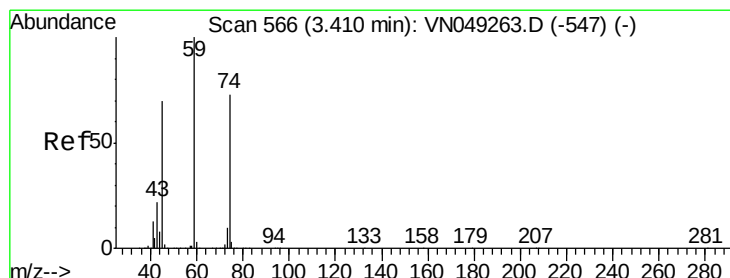
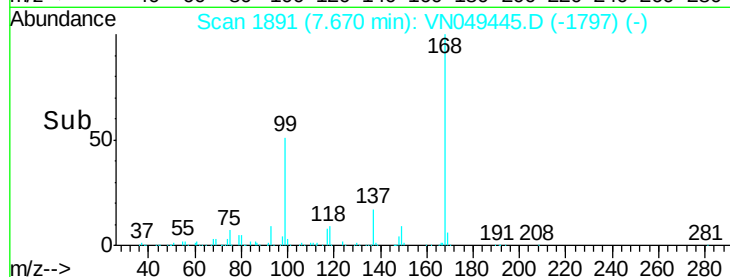
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#8

Diethyl Ether

Concen: 1.32 ug/l

RT: 3.41 min Scan# 566

Delta R.T. 0.00 min

Lab File: VN049445.D

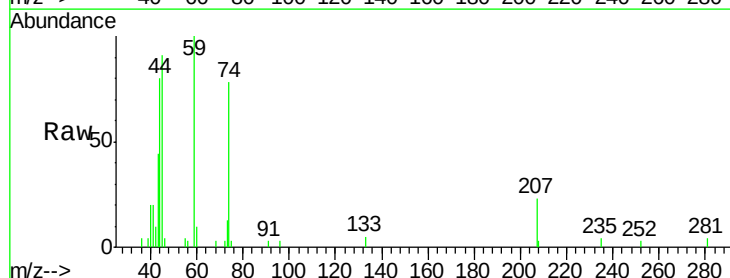
Acq: 20 Jun 2018 19:12

Tgt Ion: 74 Resp: 11035

Ion Ratio Lower Upper

74 100

45 92.1 51.9 155.8



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO

3.41

6000

5000

4000

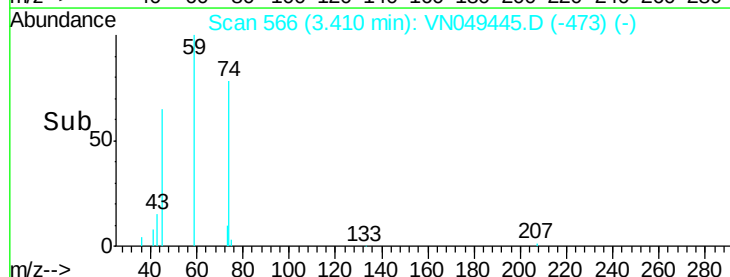
3000

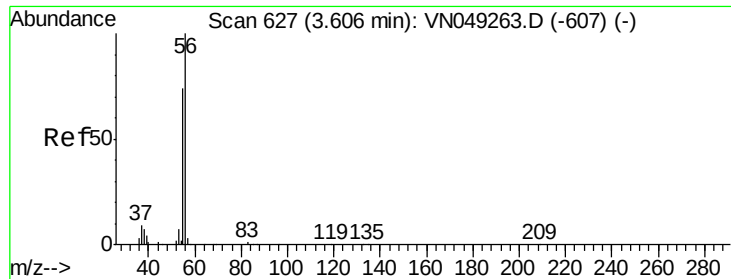
2000

1000

0

Time--> 3.30 3.35 3.40 3.45 3.50





#13

Acrolein

Concen: 0.65 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN049445.D

Acq: 20 Jun 2018 19:12

Instrument :

MSVOA_N

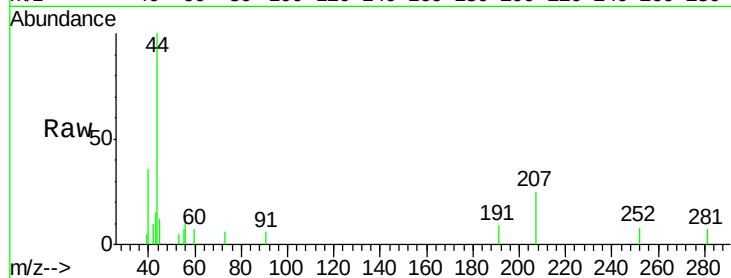
ClientSampleId :

Tot Ion: 56 Resp: 643

Ion Ratio Lower Upper

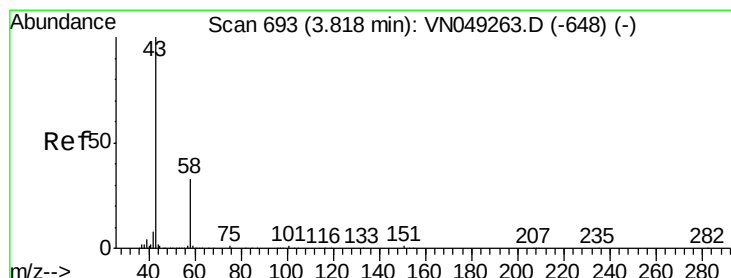
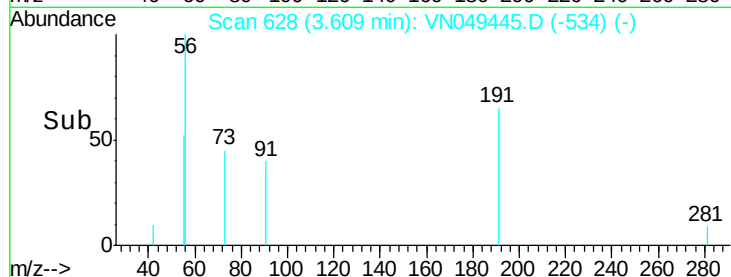
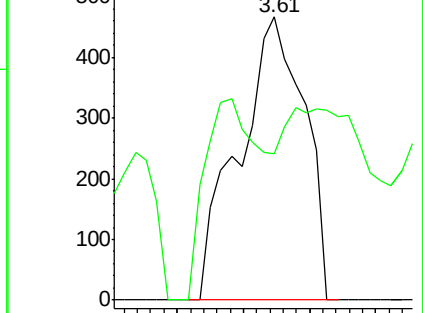
56 100

55 60.3 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: 20.32 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049445.D

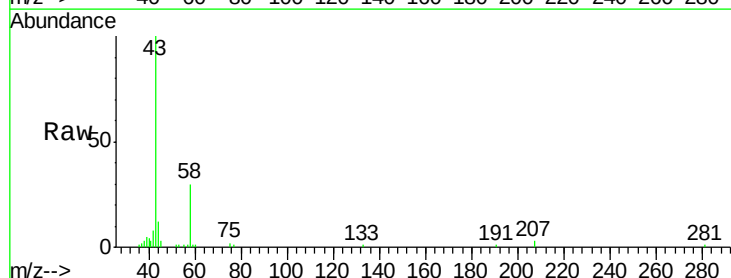
Acq: 20 Jun 2018 19:12

Tgt Ion: 43 Resp: 79644

Ion Ratio Lower Upper

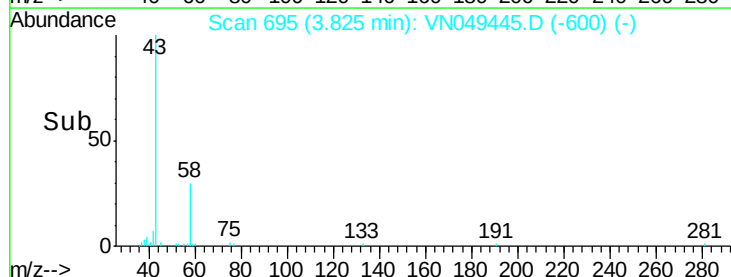
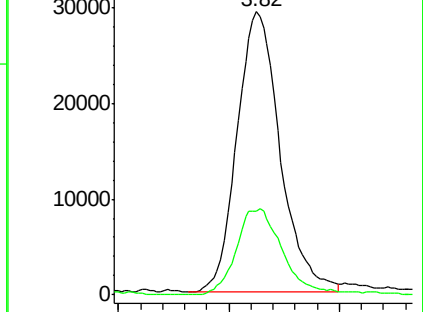
43 100

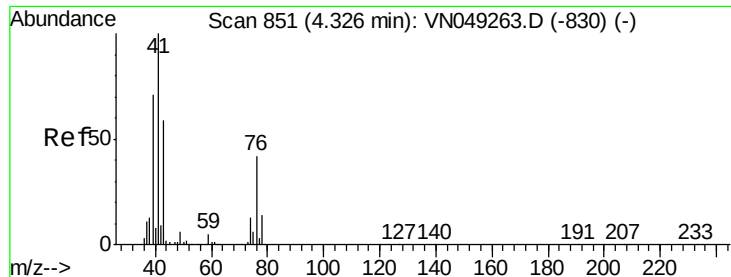
58 30.0 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

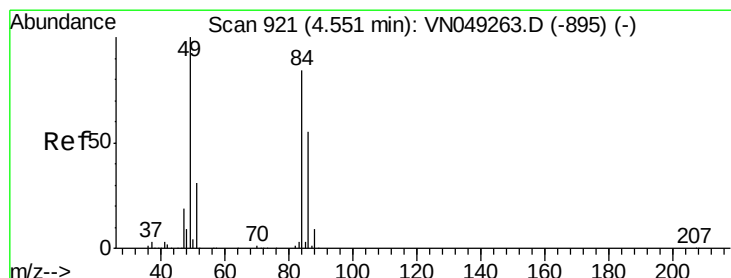
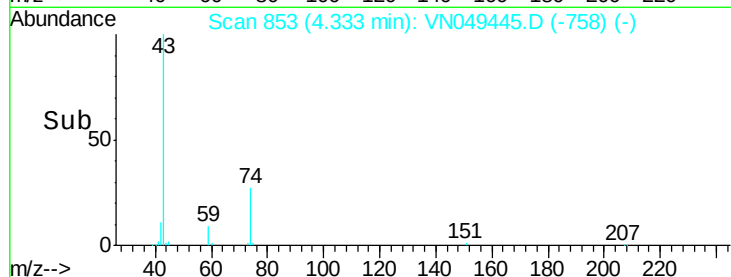
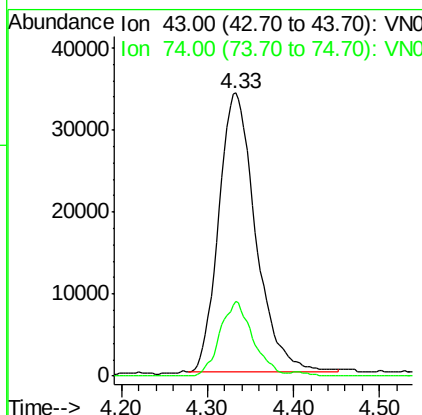
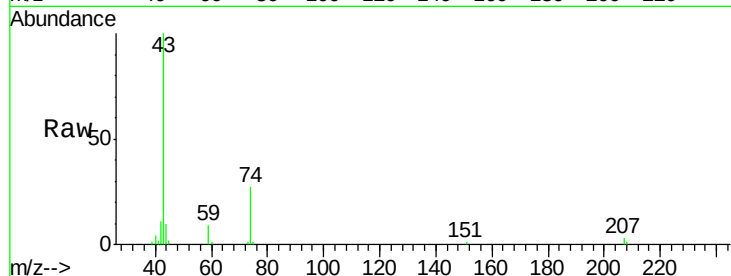




#18
Methvl Acetate
Concen: 8.49 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049445.D
Acq: 20 Jun 2018 19:12

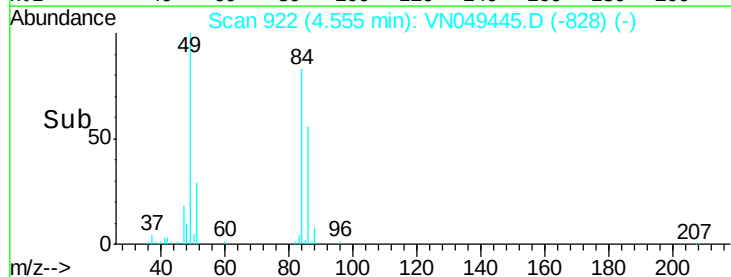
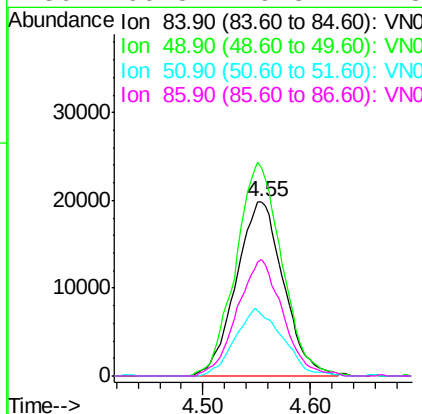
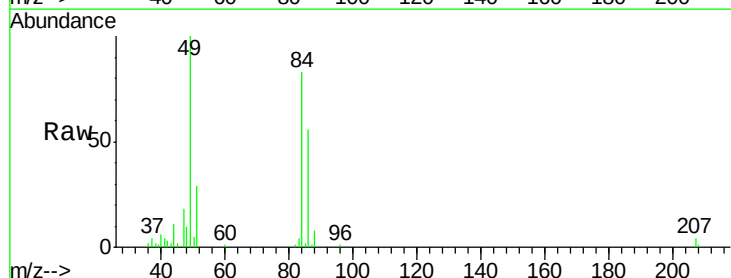
Instrument :
MSVOA_N
ClientSampleId :

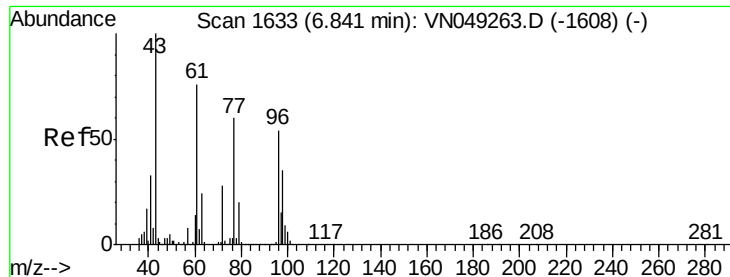
Tot Ion: 43 Resp: 101494
Ion Ratio Lower Upper
43 100
74 24.0 17.4 26.0



#20
Methylene Chloride
Concen: 3.69 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN049445.D
Acq: 20 Jun 2018 19:12

Tgt Ion: 84 Resp: 60382
Ion Ratio Lower Upper
84 100
49 120.0 106.9 160.3
51 35.0 32.7 49.1
86 66.8 49.8 74.8

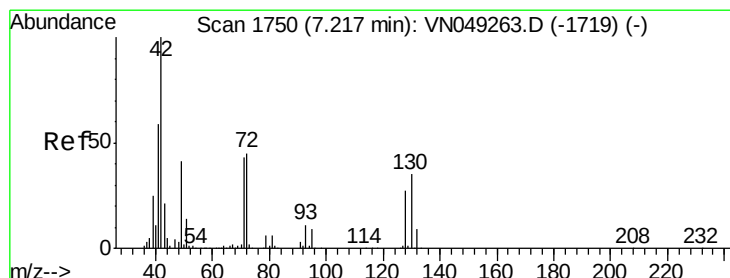
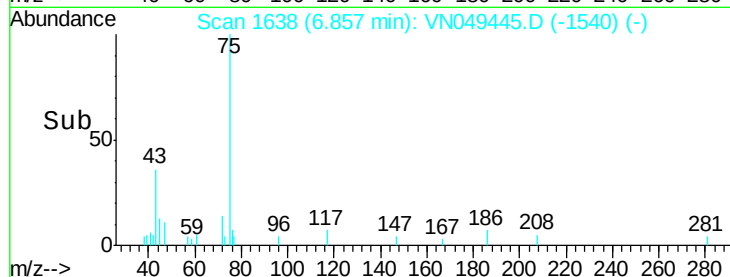
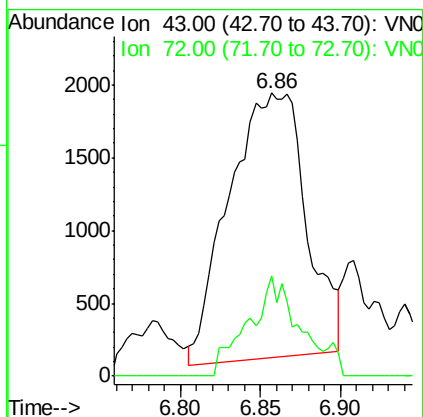
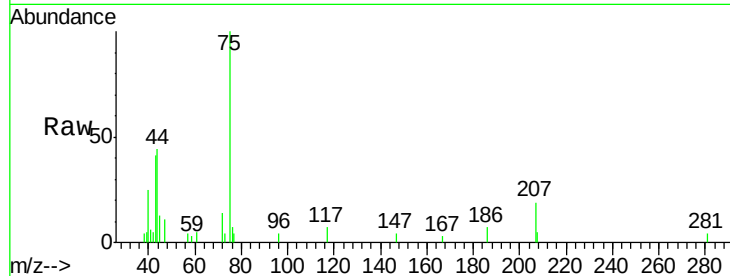




#25
2-Butanone
Concen: 1.15 ug/l
RT: 6.86 min Scan# 1638
Delta R.T. 0.02 min
Lab File: VN049445.D
Acq: 20 Jun 2018 19:12

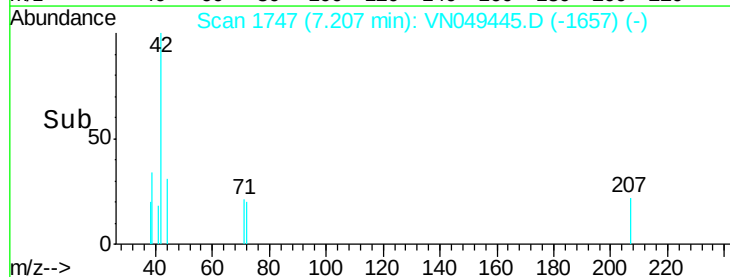
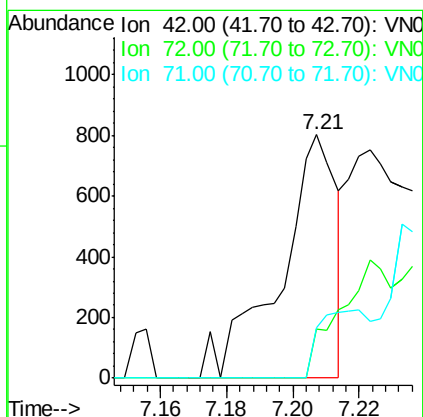
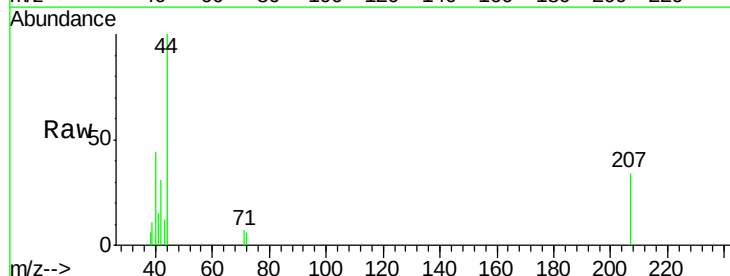
Instrument :
MSVOA_N
ClientSampled :

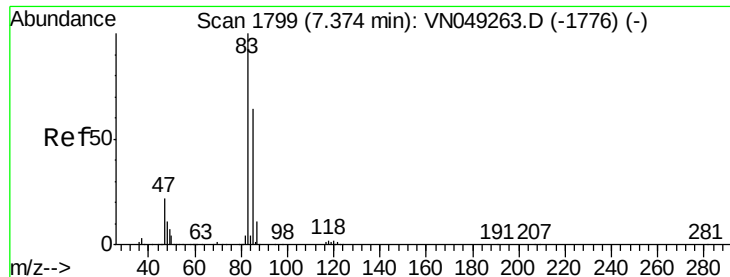
Tot Ion: 43 Resp: 6065
Ion Ratio Lower Upper
43 100
72 39.6 20.2 30.2#



#29
Tetrahydrofuran
Concen: 0.28 ug/l
RT: 7.21 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VN049445.D
Acq: 20 Jun 2018 19:12

Tgt Ion: 42 Resp: 952
Ion Ratio Lower Upper
42 100
72 43.0 32.2 48.4
71 24.9 30.5 45.7#

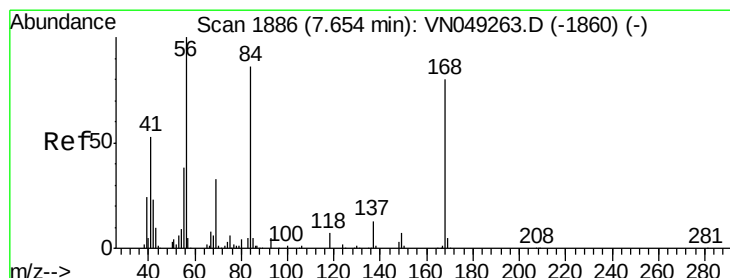
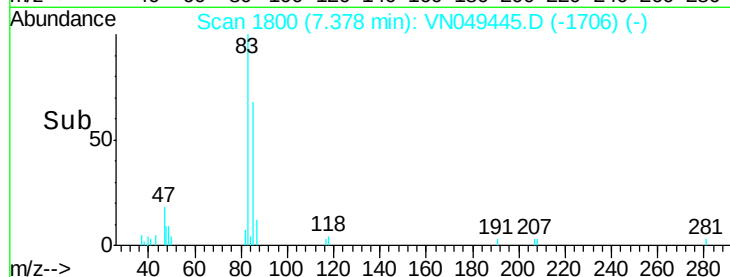
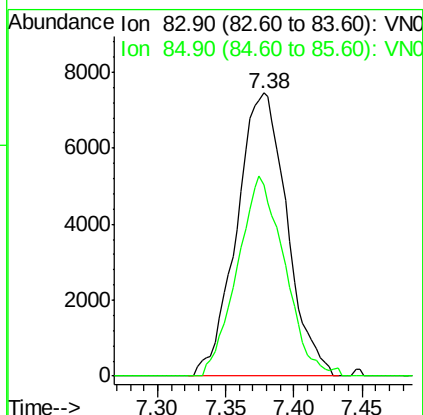
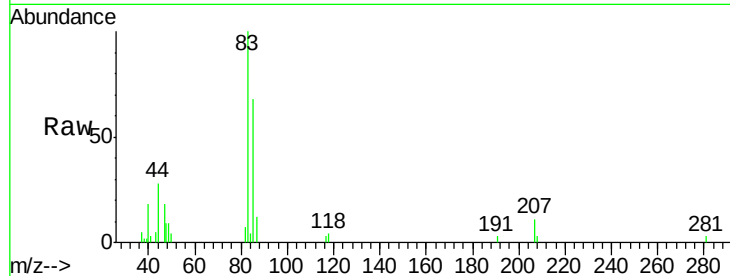




#30
Chloroform
Concen: 0.68 ug/l
RT: 7.38 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN049445.D
Acq: 20 Jun 2018 19:12

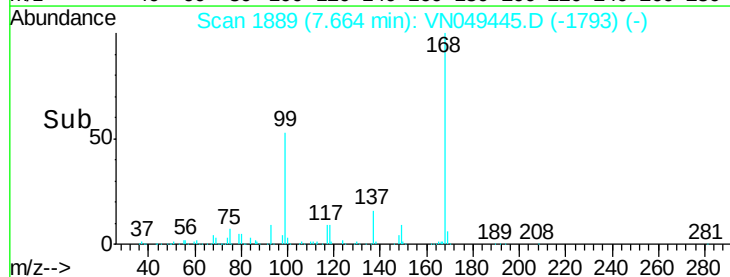
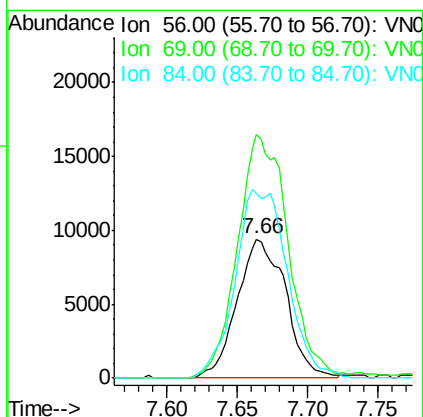
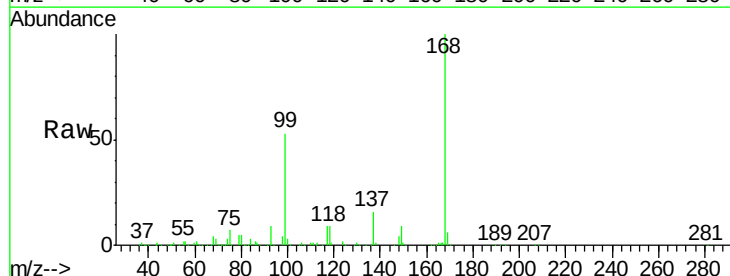
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MSVOA_N
ClientSampleId :

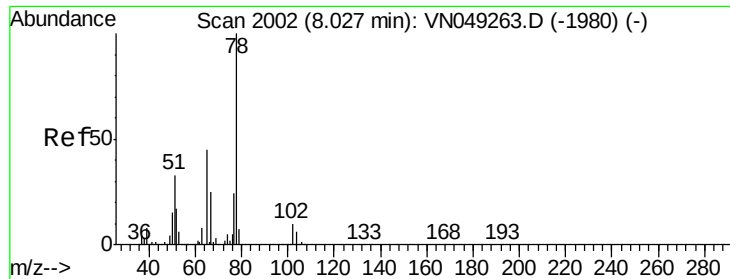
Tot Ion: 83 Resp: 19019
Ion Ratio Lower Upper
83 100
85 67.7 51.7 77.5



#31
Cyclohexane
Concen: 0.78 ug/l
RT: 7.66 min Scan# 1889
Delta R.T. 0.01 min
Lab File: VN049445.D
Acq: 20 Jun 2018 19:12

Tgt Ion: 56 Resp: 22674
Ion Ratio Lower Upper
56 100
69 175.1 25.0 37.4#
84 133.1 64.6 96.8#

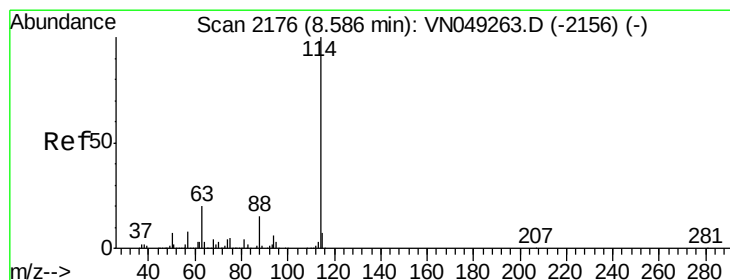
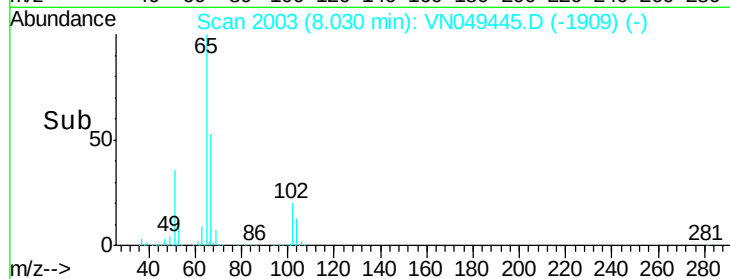
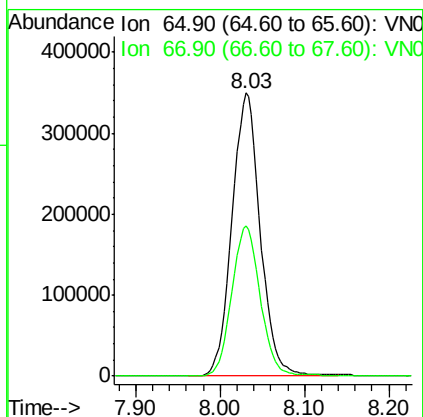
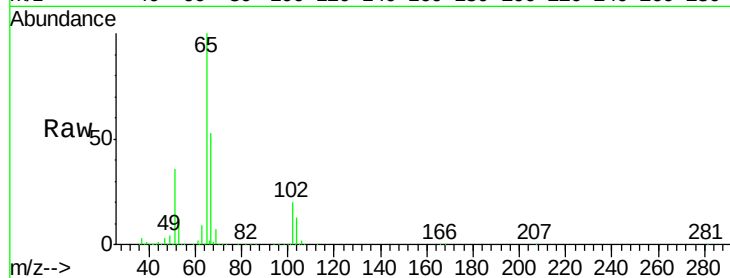




#33
 1,2-Dichloroethane-d4
 Concen: 50.64 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049445.D
 Acq: 20 Jun 2018 19:12

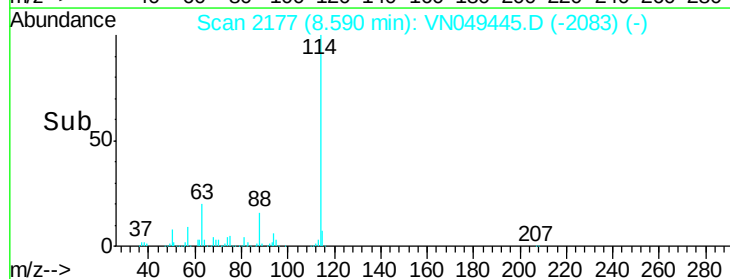
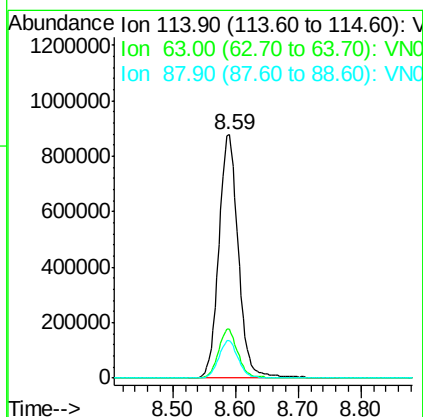
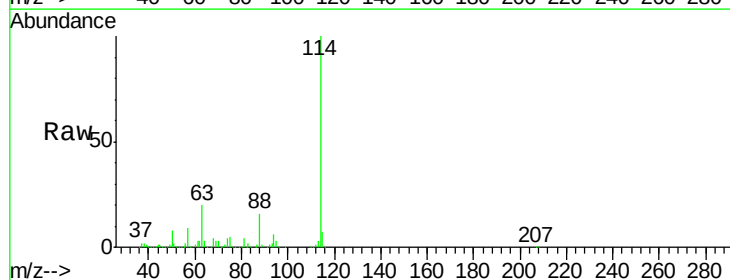
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 MSVOA_N
 ClientSampleId :

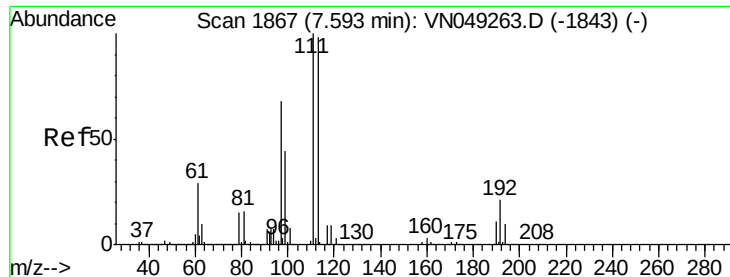
Tot Ion: 65 Resp: 817469
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN049445.D
 Acq: 20 Jun 2018 19:12

Tgt Ion: 114 Resp: 1896809
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 44.4
 88 15.5 0.0 31.4

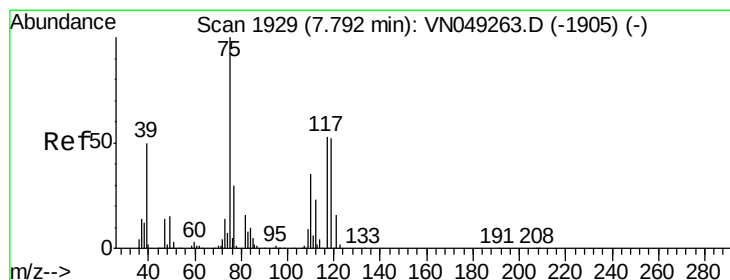
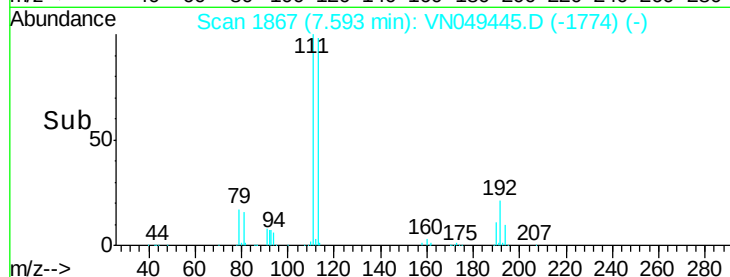
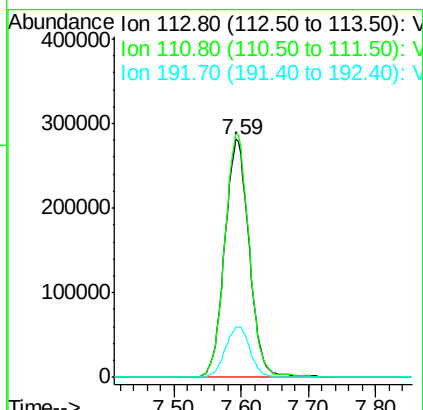
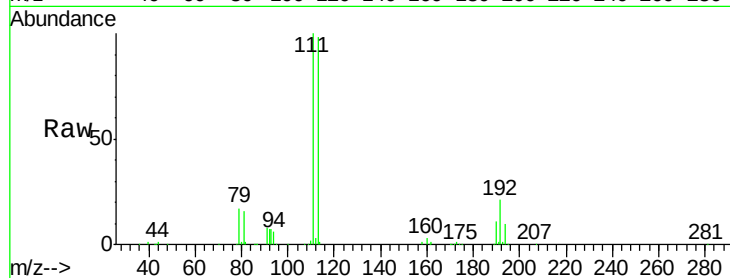




#35
 Dibromofluoromethane
 Concen: 46.60 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049445.D
 Acq: 20 Jun 2018 19:12

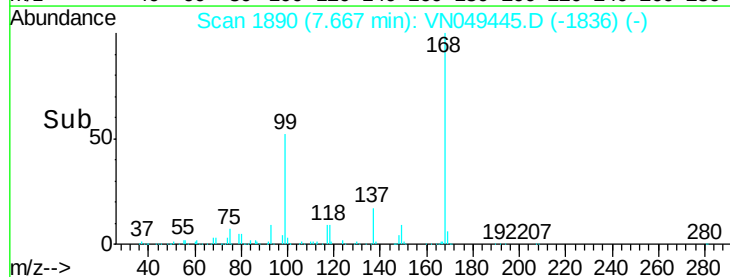
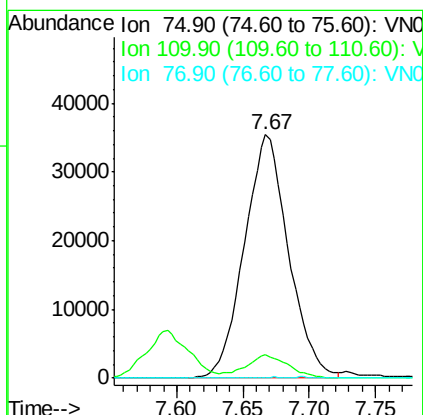
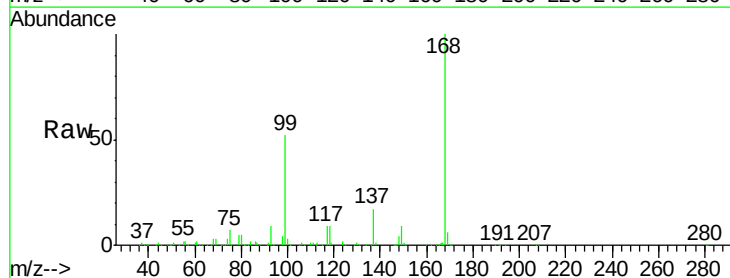
Instrument :
 MSVOA_N
 ClientSampleId :

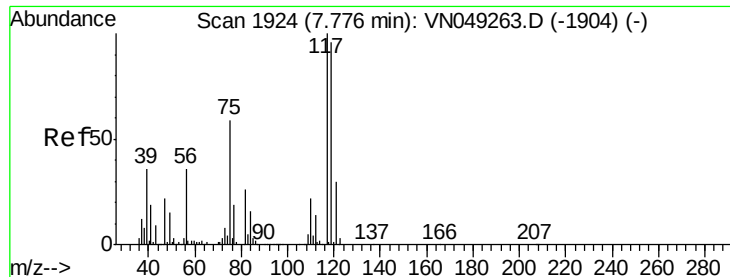
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.5	82.4	123.6
192	21.4	15.0	22.6



#36
 1,1-Dichloropropene
 Concen: 3.77 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN049445.D
 Acq: 20 Jun 2018 19:12

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.0	17.0	50.9#
77	0.0	24.4	36.6#





#38

Carbon Tetrachloride

Concen: 4.77 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.11 min

Lab File: VN049445.D

Acq: 20 Jun 2018 19:12

Instrument :

MSVOA_N

ClientSampleId :

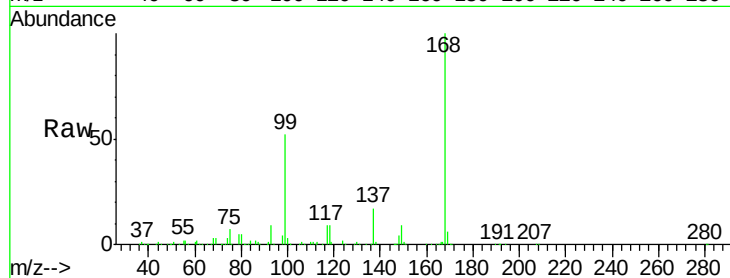
Tot Ion:117 Resp: 107254

Ion Ratio Lower Upper

117 100

119 5.9 75.6 113.4#

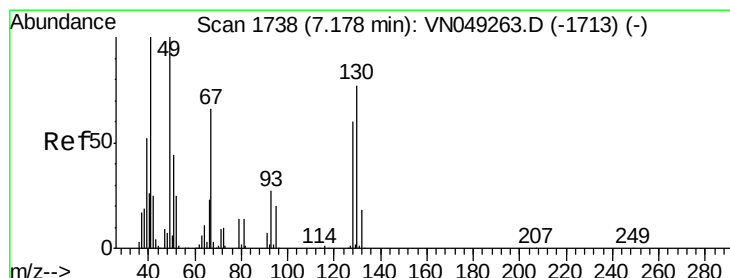
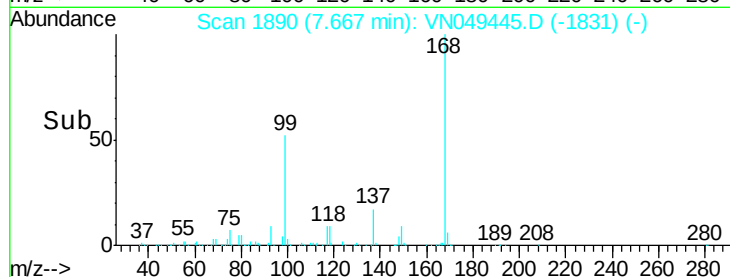
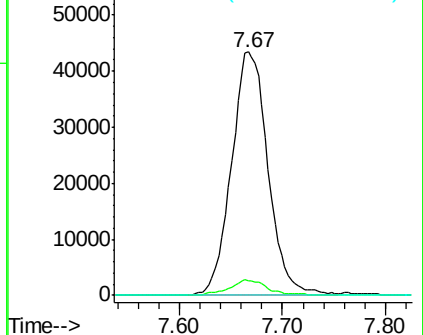
121 0.0 24.7 37.1#



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



#41

Methacrylonitrile

Concen: 0.21 ug/l

RT: 7.22 min Scan# 1751

Delta R.T. 0.04 min

Lab File: VN049445.D

Acq: 20 Jun 2018 19:12

Tgt Ion: 41 Resp: 1363

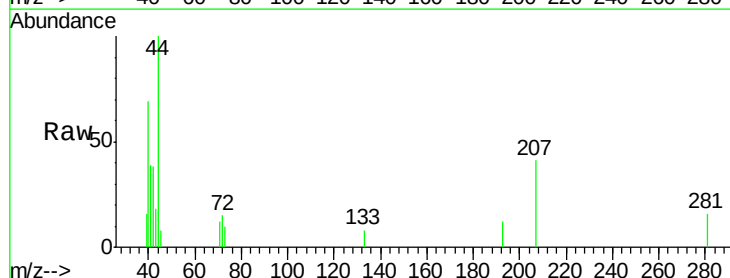
Ion Ratio Lower Upper

41 100

39 26.3 0.0 0.0#

67 2.3 0.0 0.0#

52 0.0 0.0 0.0

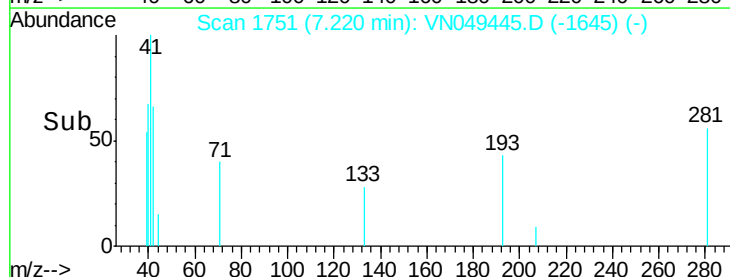
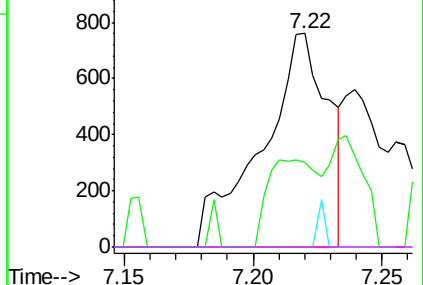


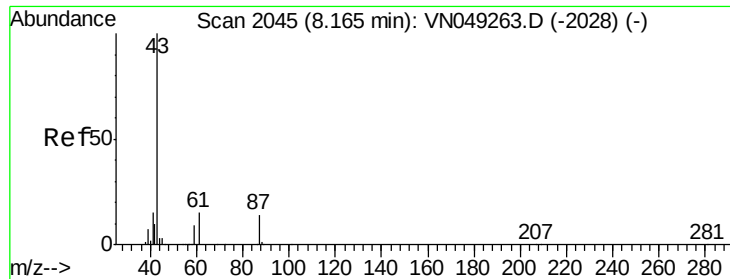
Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

Ion 67.00 (66.70 to 67.70): VNC

Ion 52.00 (51.70 to 52.70): VNC





#43

Isopropyl Acetate

Concen: 10.45 ug/l

RT: 8.27 min Scan# 2076

Delta R.T. 0.10 min

Lab File: VN049445.D

Acq: 20 Jun 2018 19:12

Instrument :

MSVOA_N

ClientSampleId :

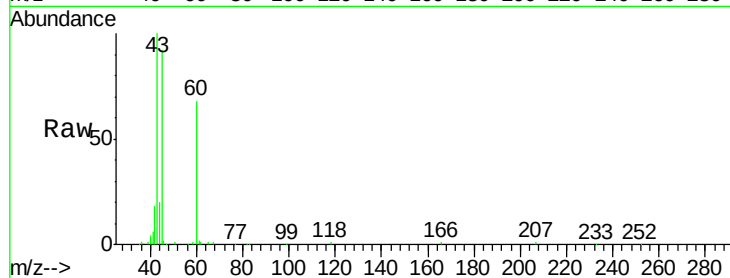
Tot Ion: 43 Resp: 235999

Ion Ratio Lower Upper

43 100

61 0.0 14.2 21.4#

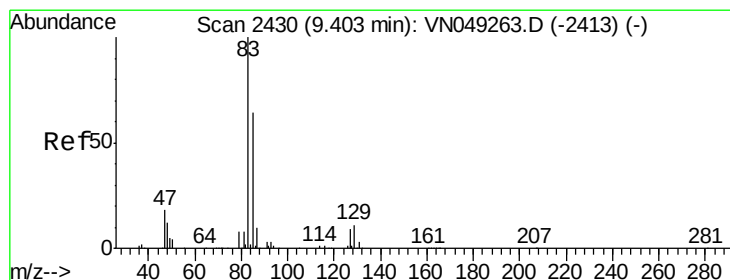
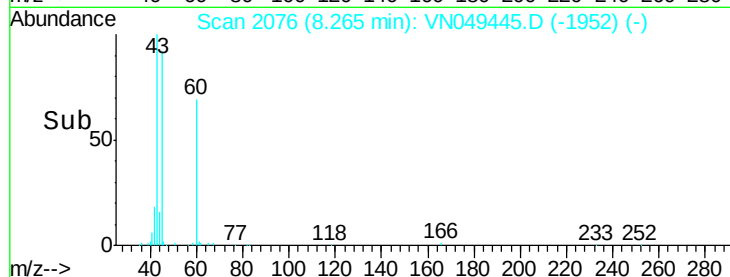
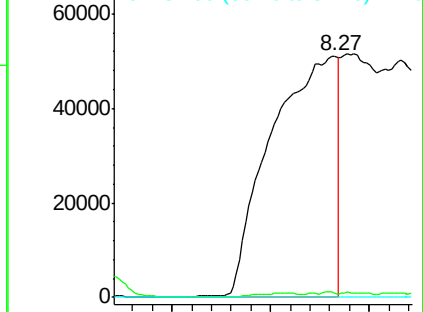
87 0.0 9.4 14.0#



Abundance Ion 43.00 (42.70 to 43.70): VN049263.D (-2028) (-)

Ion 61.00 (60.70 to 61.70): VN049263.D (-2028) (-)

Ion 87.00 (86.70 to 87.70): VN049263.D (-2028) (-)



#47

Bromodichloromethane

Concen: 0.38 ug/l

RT: 9.41 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VN049445.D

Acq: 20 Jun 2018 19:12

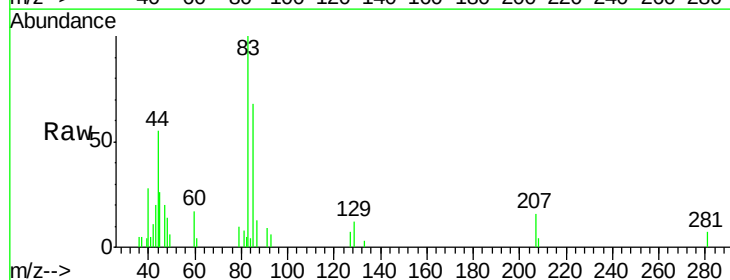
Tgt Ion: 83 Resp: 8483

Ion Ratio Lower Upper

83 100

85 67.8 49.4 74.0

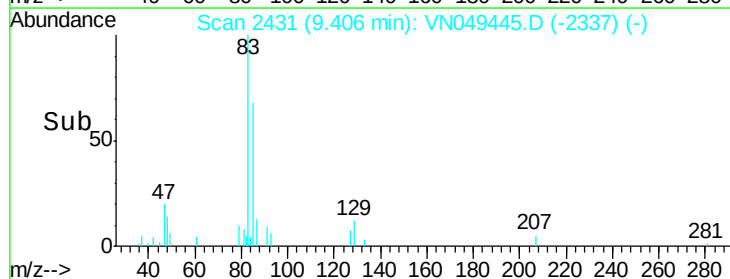
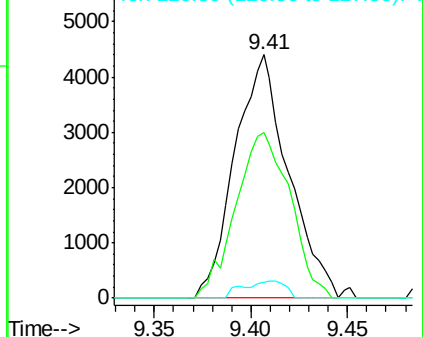
127 6.7 6.3 9.5

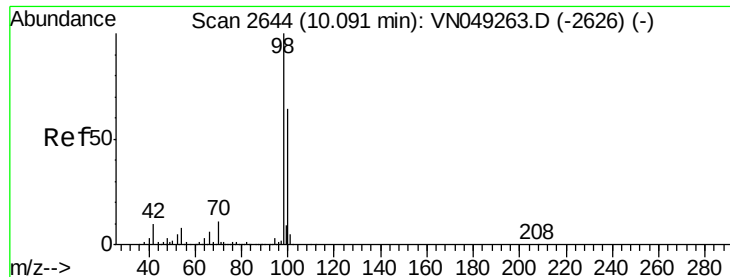


Abundance Ion 82.90 (82.60 to 83.60): VN049263.D (-2413) (-)

Ion 84.90 (84.60 to 85.60): VN049263.D (-2413) (-)

Ion 126.80 (126.50 to 127.50): VN049263.D (-2413) (-)





#50

Toluene-d8

Concen: 44.39 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049445.D

Acq: 20 Jun 2018 19:12

Instrument :

MSVOA_N

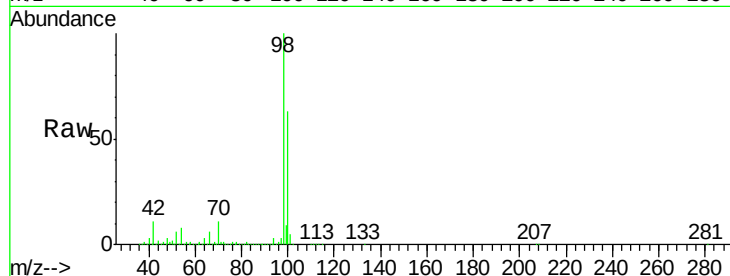
ClientSampleId :

Tot Ion: 98 Resp: 2593772

Ion Ratio Lower Upper

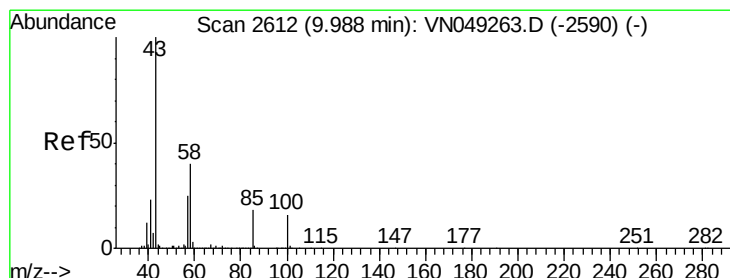
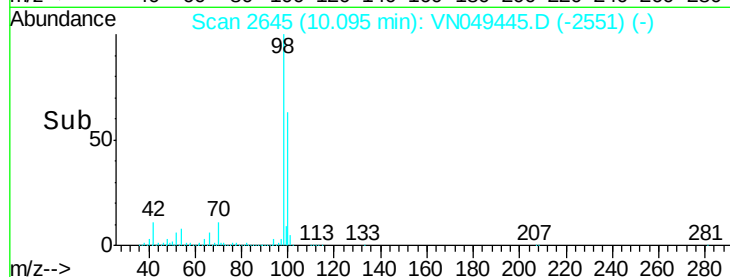
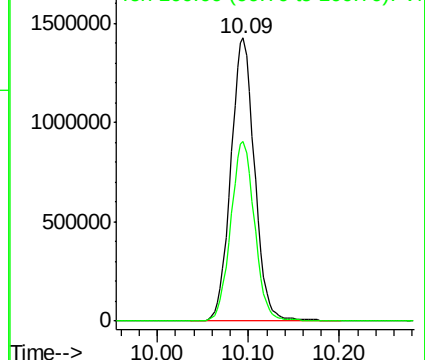
98 100

100 63.6 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#51

4-Methyl-2-Pentanone

Concen: 0.36 ug/l

RT: 9.99 min Scan# 2613

Delta R.T. 0.00 min

Lab File: VN049445.D

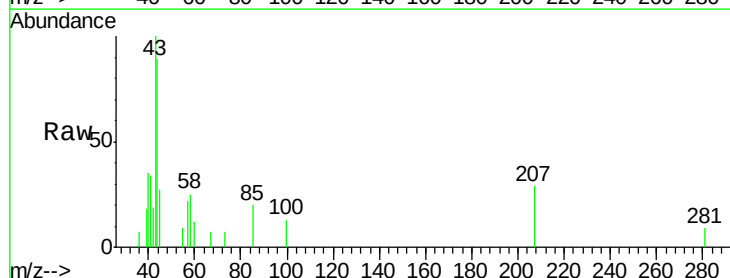
Acq: 20 Jun 2018 19:12

Tgt Ion: 43 Resp: 4275

Ion Ratio Lower Upper

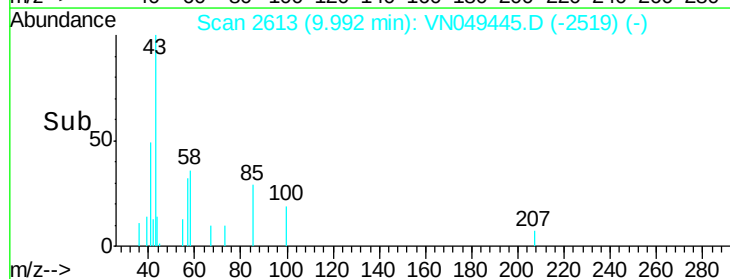
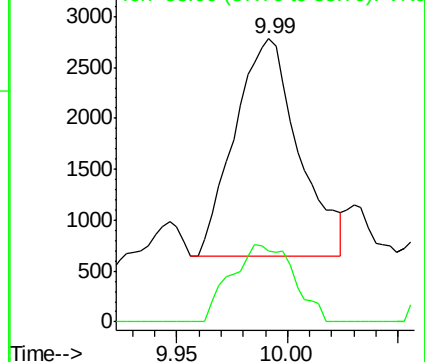
43 100

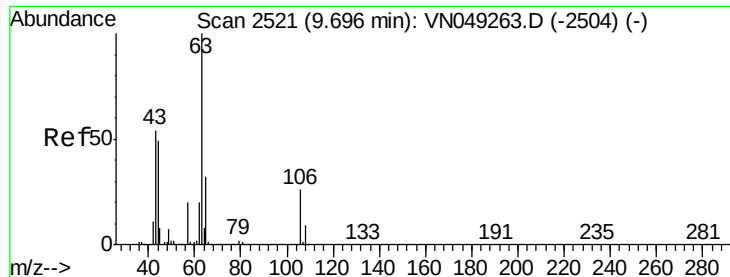
58 34.7 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

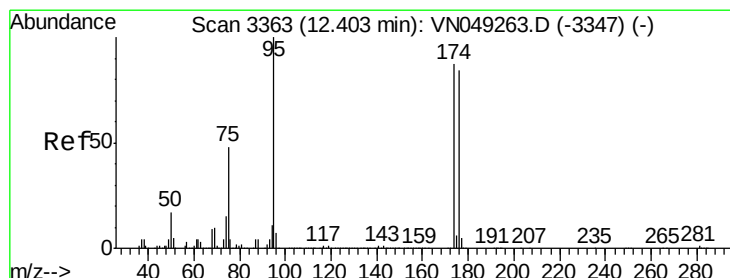
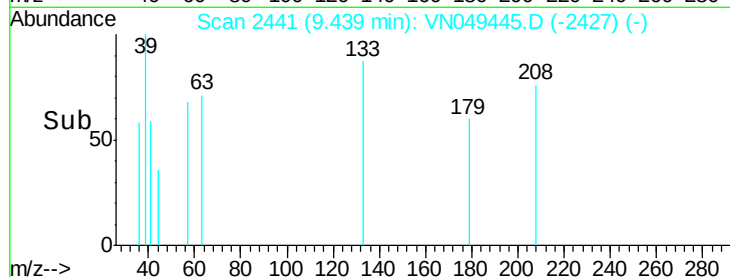
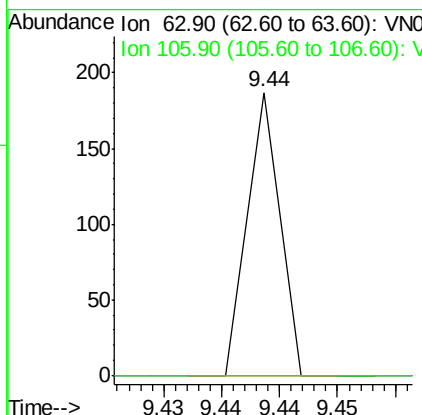
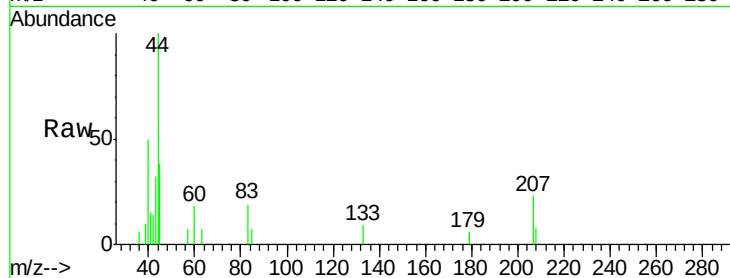




#58
 2-Chloroethyl Vinyl ether
 Concen: 14.33 ug/l
 RT: 9.44 min Scan# 2441
 Delta R.T. -0.26 min
 Lab File: VN049445.D
 Acq: 20 Jun 2018 19:12

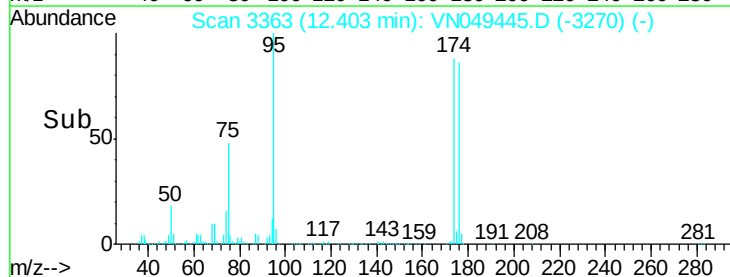
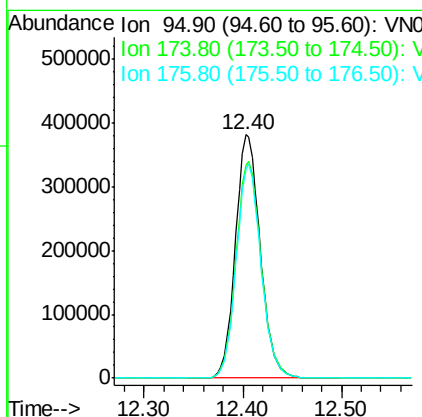
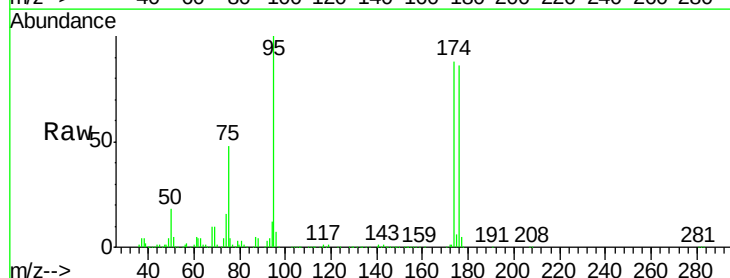
Instrument :
 MSVOA_N
 ClientSampleId :

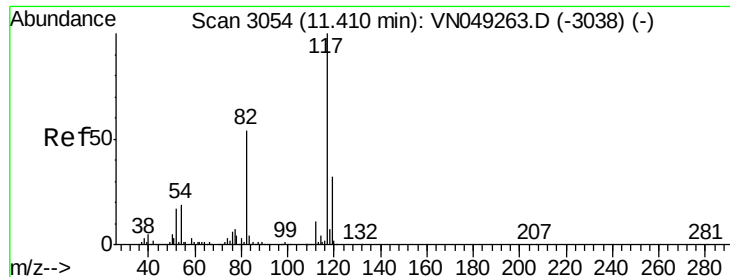
Tot Ion: 63 Resp: 36
 Ion Ratio Lower Upper
 63 100
 106 0.0 19.4 29.2#



#62
 4-Bromofluorobenzene
 Concen: 34.40 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN049445.D
 Acq: 20 Jun 2018 19:12

Tgt Ion: 95 Resp: 664730
 Ion Ratio Lower Upper
 95 100
 174 90.6 0.0 165.6
 176 87.5 0.0 157.4

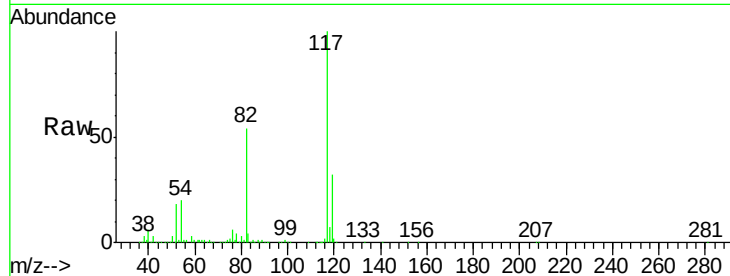




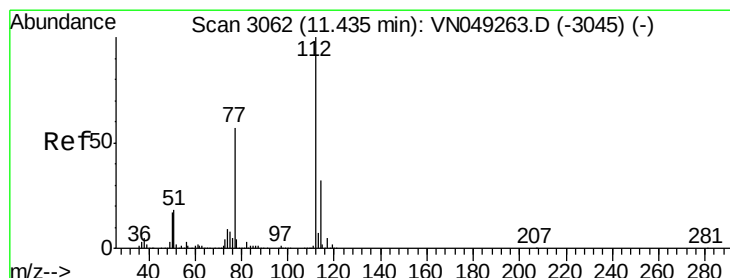
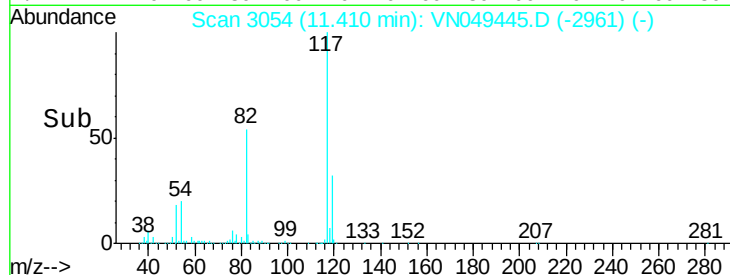
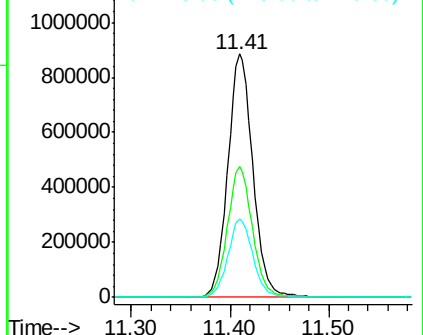
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049445.D
Acq: 20 Jun 2018 19:12

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 1571455
Ion Ratio Lower Upper
117 100
82 53.6 45.9 68.9
119 32.1 25.5 38.3

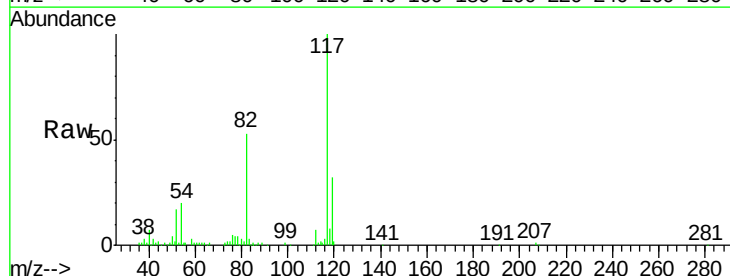


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

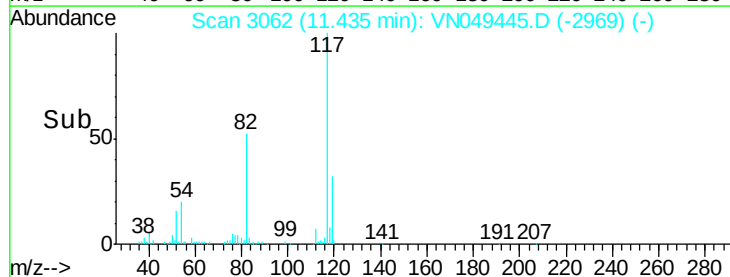
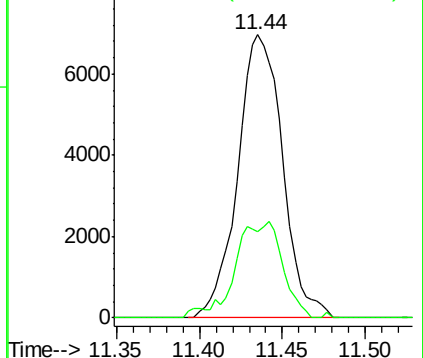


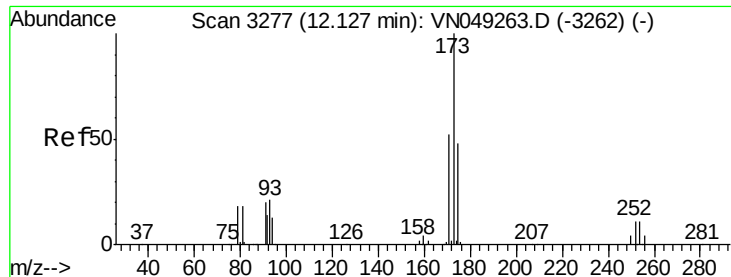
#65
Chlorobenzene
Concen: 0.32 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN049445.D
Acq: 20 Jun 2018 19:12

Tgt Ion:112 Resp: 13106
Ion Ratio Lower Upper
112 100
114 30.7 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: 0.55 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.28 min

Lab File: VN049445.D

Acq: 20 Jun 2018 19:12

Instrument :

MSVOA_N

ClientSampled :

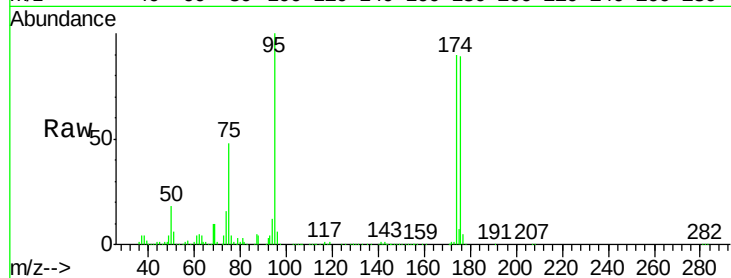
Tot Ion:173 Resp: 5408

Ion Ratio Lower Upper

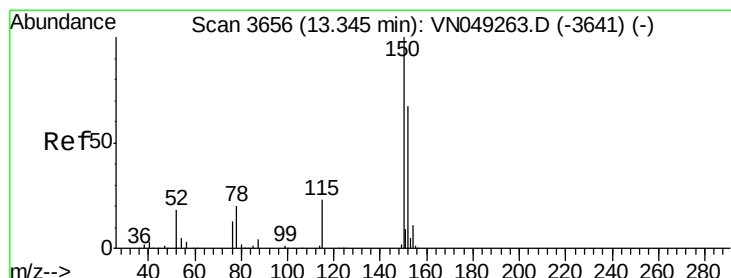
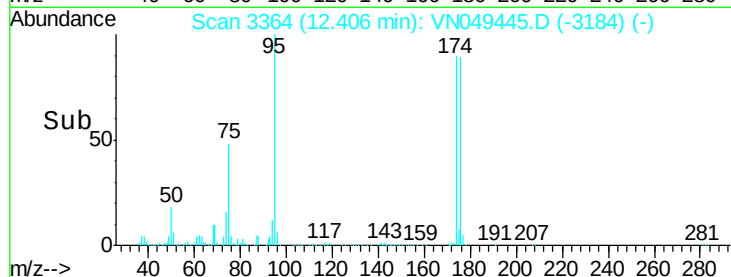
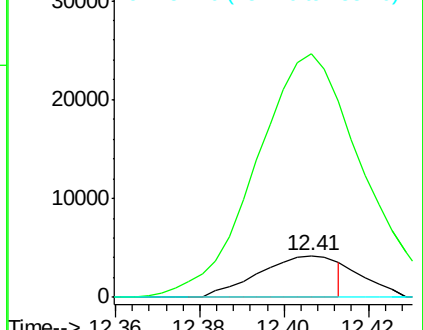
173 100

175 602.4 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# 3657

Delta R.T. 0.00 min

Lab File: VN049445.D

Acq: 20 Jun 2018 19:12

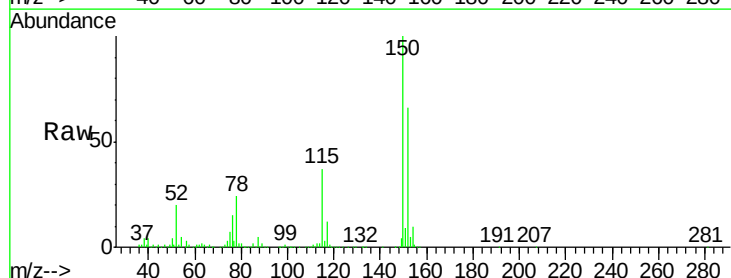
Tgt Ion:152 Resp: 467498

Ion Ratio Lower Upper

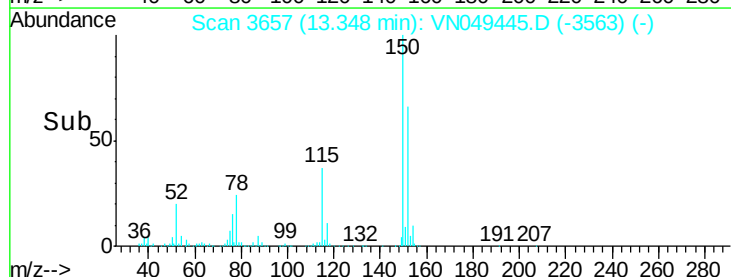
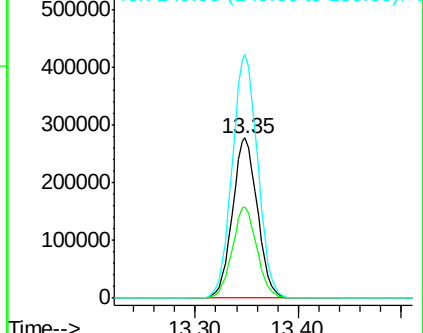
152 100

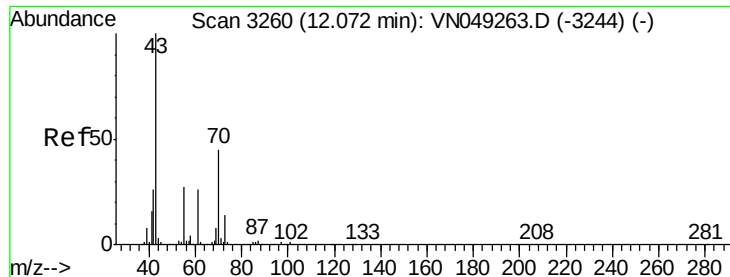
115 56.2 28.7 86.1

150 155.1 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: 0.28 ug/l

RT: 12.05 min Scan# 3252

Delta R.T. -0.03 min

Lab File: VN049445.D

Acq: 20 Jun 2018 19:12

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 2829

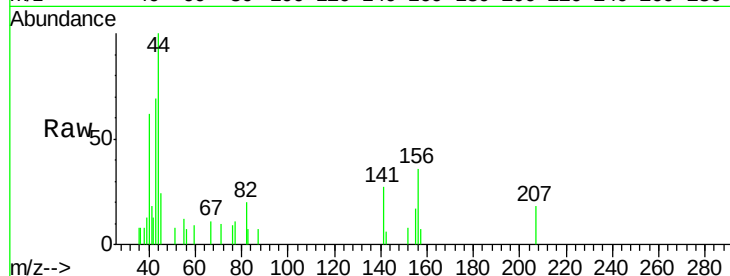
Ion Ratio Lower Upper

43 100

70 2.2 30.3 45.5#

55 10.1 19.4 29.2#

61 0.0 17.8 26.6#

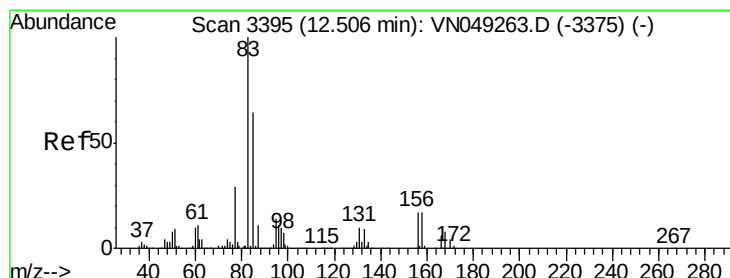
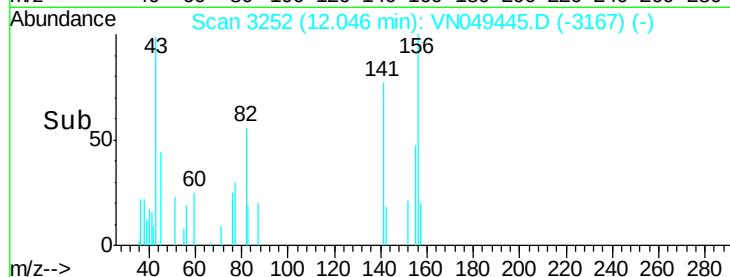
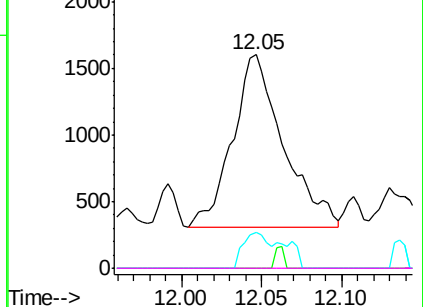


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.54 min Scan# 3407

Delta R.T. 0.04 min

Lab File: VN049445.D

Acq: 20 Jun 2018 19:12

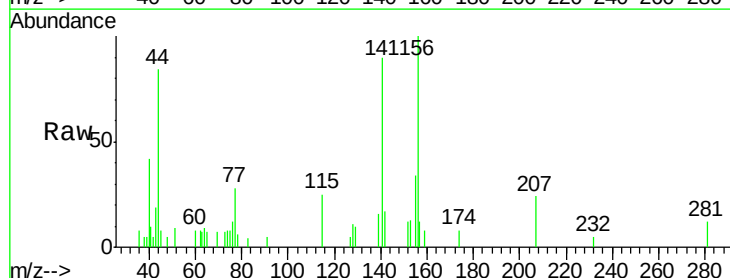
Tgt Ion: 83 Resp: 29

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

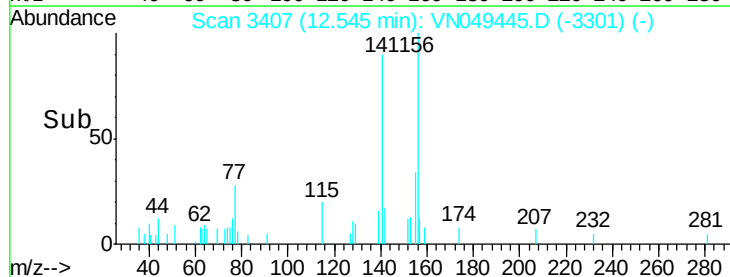
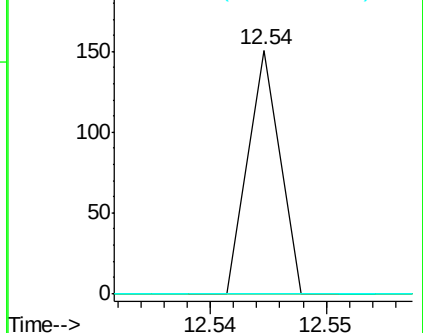
85 0.0 32.0 96.0#

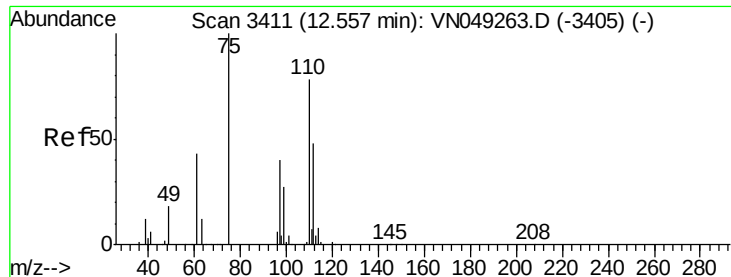


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 40.43 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049445.D

Acq: 20 Jun 2018 19:12

Instrument :

MSVOA_N

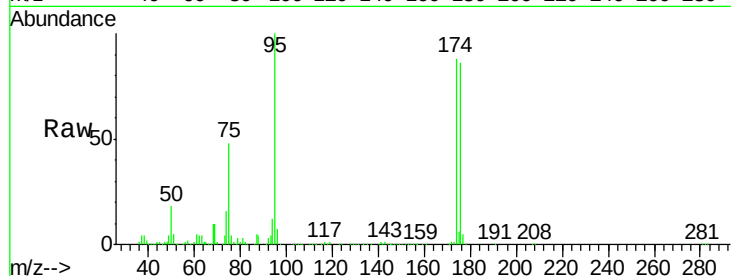
ClientSampled :

Tot Ion: 75 Resp: 322501

Ion Ratio Lower Upper

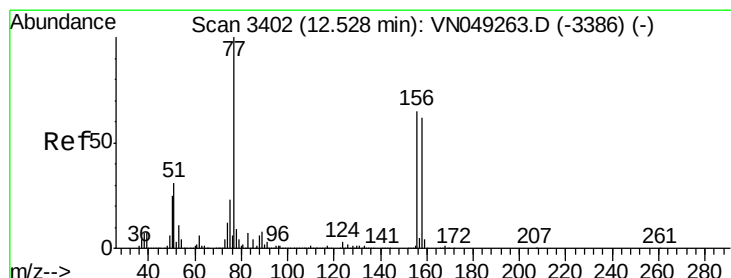
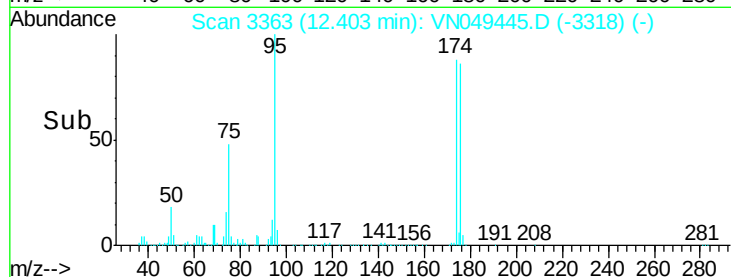
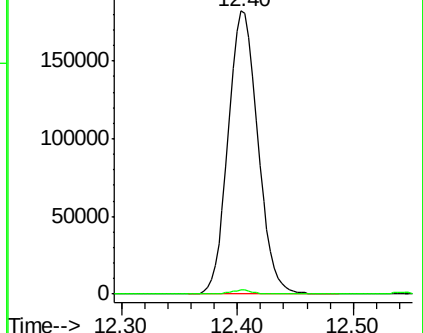
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN049445.D (-3318) (-)

Ion 77.00 (76.70 to 77.70): VN049445.D (-3318) (-)



#77

Bromobenzene

Concen: 0.52 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN049445.D

Acq: 20 Jun 2018 19:12

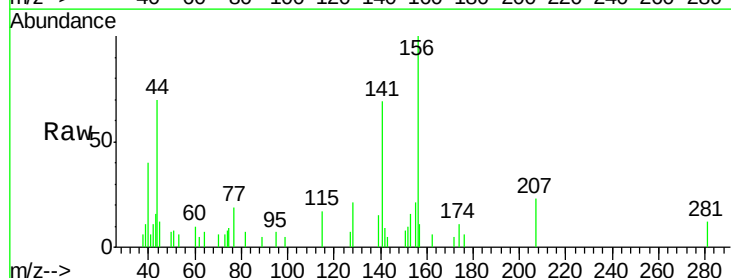
Tgt Ion: 156 Resp: 5609

Ion Ratio Lower Upper

156 100

77 24.6 100.8 302.4#

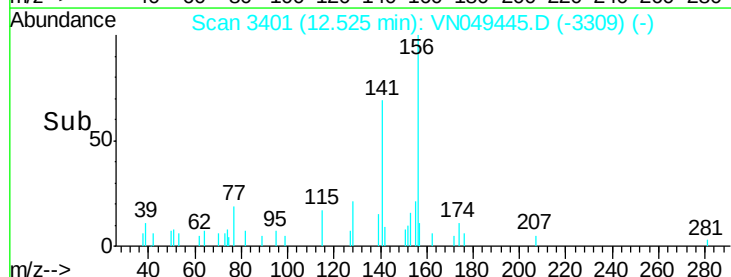
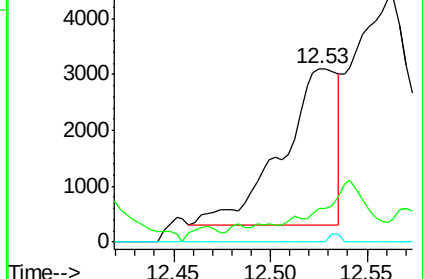
158 1.1 49.3 147.9#

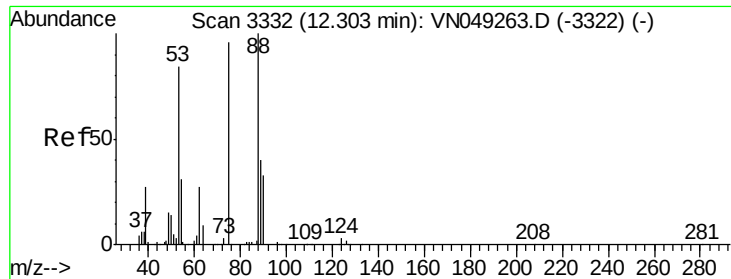


Abundance Ion 155.80 (155.50 to 156.50): VN049445.D (-3309) (-)

Ion 77.00 (76.70 to 77.70): VN049445.D (-3309) (-)

Ion 157.80 (157.50 to 158.50): VN049445.D (-3309) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 127.78 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049445.D

Acq: 20 Jun 2018 19:12

Instrument :

MSVOA_N

ClientSampleId :

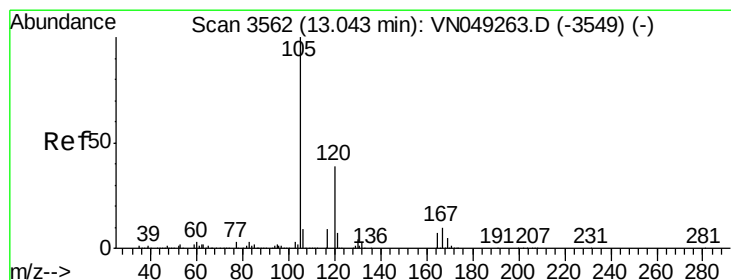
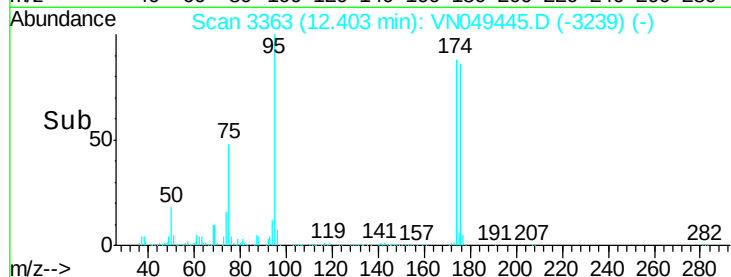
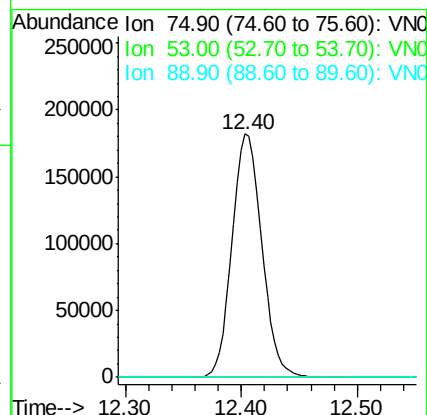
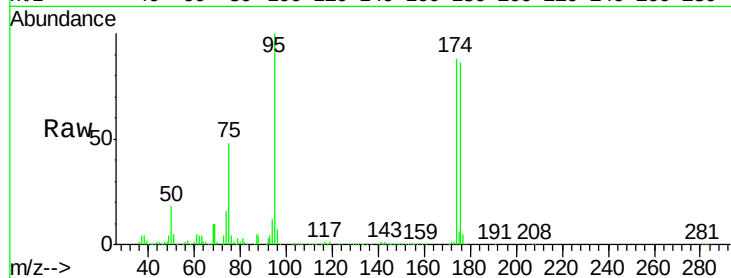
Tot Ion: 75 Resp: 322501

Ion Ratio Lower Upper

75 100

53 0.3 82.7 124.1#

89 0.0 36.5 54.7#



#84

1,2,4-Trimethylbenzene

Concen: 0.39 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049445.D

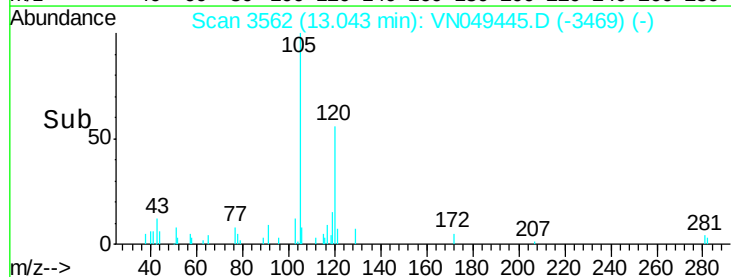
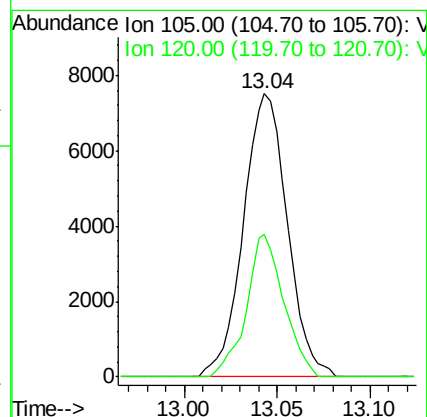
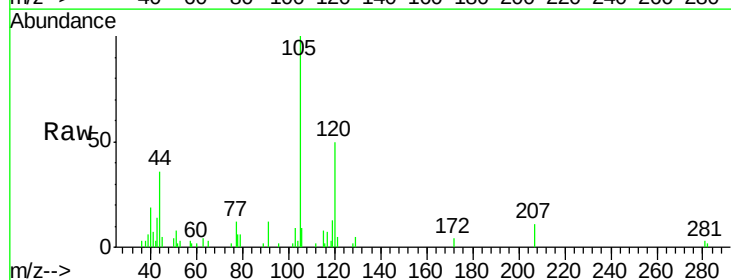
Acq: 20 Jun 2018 19:12

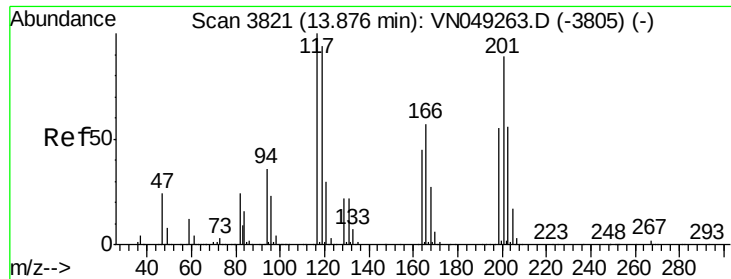
Tgt Ion: 105 Resp: 12346

Ion Ratio Lower Upper

105 100

120 42.7 22.2 66.6





#90

Hexachloroethane

Concen: Below Cal

RT: 13.88 min Scan# 3823

Delta R.T. 0.01 min

Lab File: VN049445.D

Acq: 20 Jun 2018 19:12

Instrument :

MSVOA_N

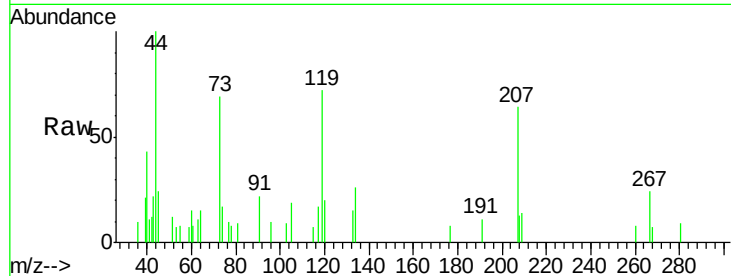
ClientSampled :

Tot Ion:117 Resp: 342

Ion Ratio Lower Upper

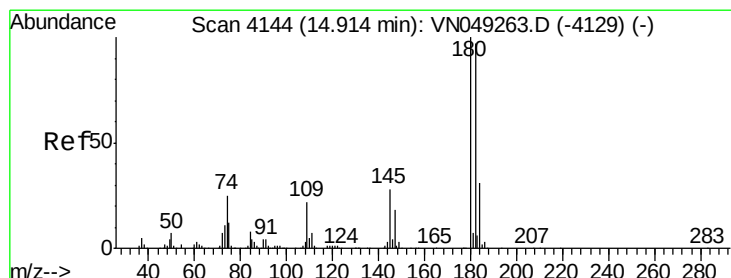
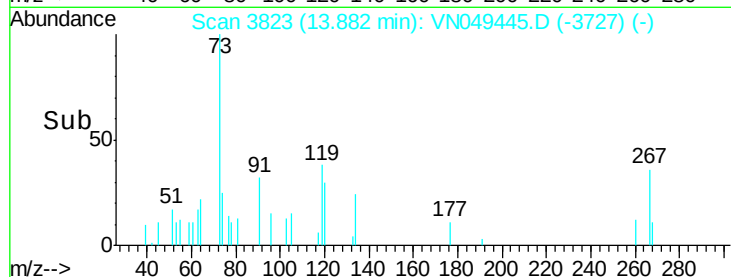
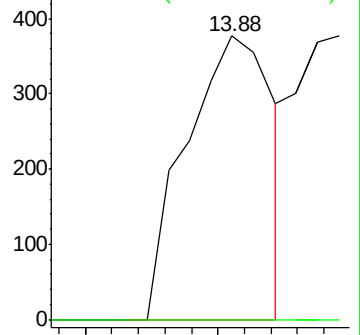
117 100

201 0.0 40.1 120.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#93

1,2,4-Trichlorobenzene

Concen: 4.78 ug/l

RT: 14.91 min Scan# 4143

Delta R.T. -0.00 min

Lab File: VN049445.D

Acq: 20 Jun 2018 19:12

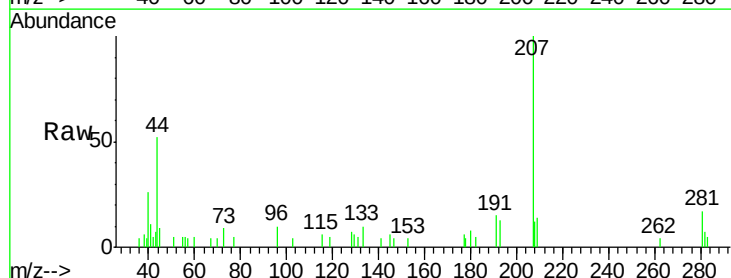
Tgt Ion:180 Resp: 305

Ion Ratio Lower Upper

180 100

182 33.4 46.9 140.8#

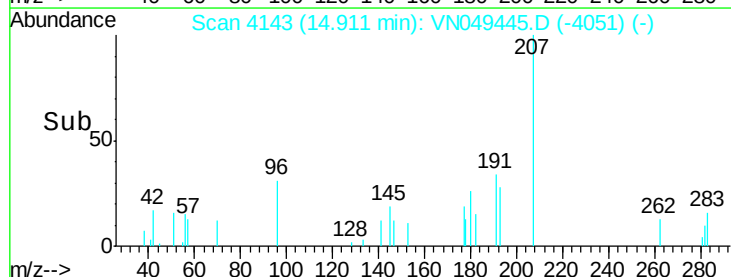
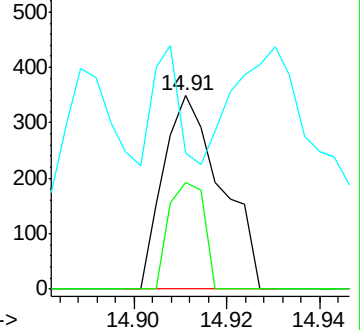
145 83.0 14.7 44.1#

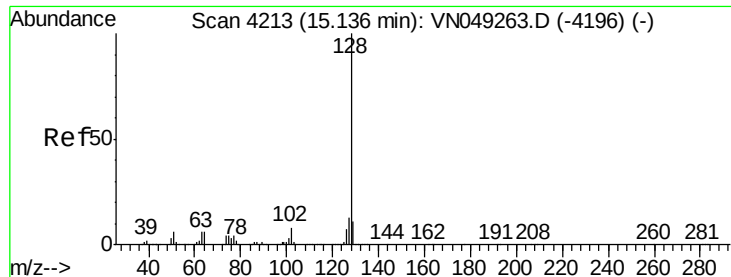


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 6.27 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049445.D

Acq: 20 Jun 2018 19:12

Instrument :

MSVOA_N

ClientSampleId :

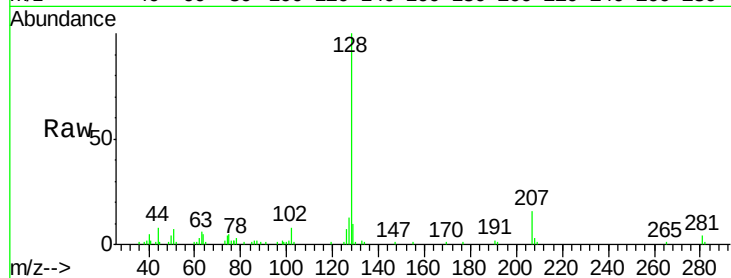
Tot Ion:128 Resp: 54867

Ion Ratio Lower Upper

128 100

127 13.6 10.6 16.0

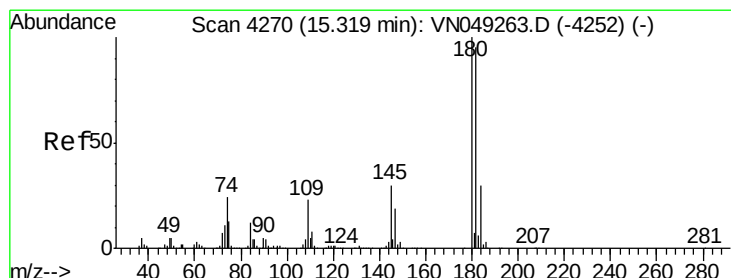
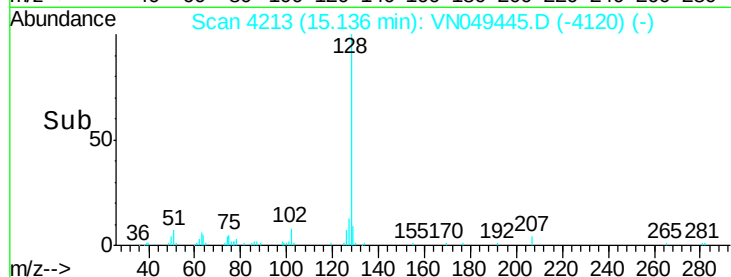
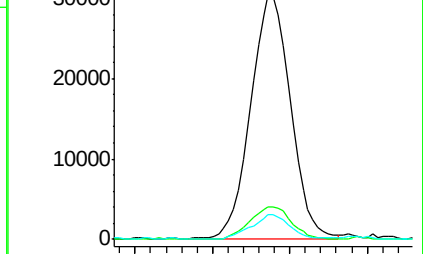
129 9.6 8.5 12.7



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: 3.47 ug/l

RT: 15.31 min Scan# 4267

Delta R.T. -0.01 min

Lab File: VN049445.D

Acq: 20 Jun 2018 19:12

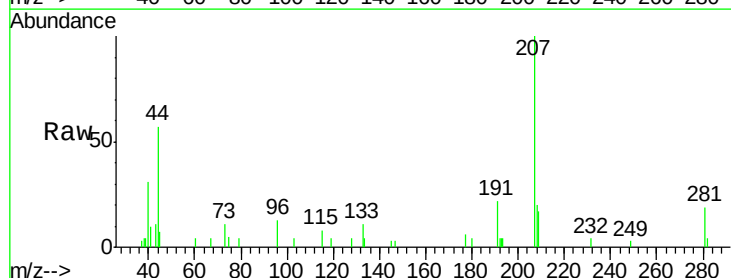
Tgt Ion:180 Resp: 92

Ion Ratio Lower Upper

180 100

182 75.0 47.3 141.8

145 0.0 15.6 46.7#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

