

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061918\
 Data File : VN049413.D
 Acq On : 20 Jun 2018 4:04
 Operator : MD\SY
 Sample : PB110363ZHE#20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 20 06:06:28 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	1186278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1830822	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1511049	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	408376	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	774008	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
35) Dibromofluoromethane	7.59	113	692146	46.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.46%	
50) Toluene-d8	10.09	98	2524900	44.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.54%	
62) 4-Bromofluorobenzene	12.41	95	624911	33.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.02%	

Target Compounds

						Qvalue
3) Chloromethane	2.06	50	4178	0.24	ug/l	# 77
5) Bromomethane	2.58	94	6788	0.69	ug/l	96
10) Methyl Iodide	3.96	142	4587	0.30	ug/l	96
11) Tert butyl alcohol	4.74	59	2222	2.41	ug/l	# 70
13) Acrolein	3.61	56	753	0.78	ug/l	91
15) Acrylonitrile	5.01	53	1067	0.23	ug/l	# 80
16) Acetone	3.83	43	42271	11.06	ug/l	93
17) Carbon Disulfide	4.05	76	12714	0.30	ug/l	# 75
18) Methyl Acetate	4.33	43	81000	6.95	ug/l	96
20) Methylene Chloride	4.55	84	32347	2.03	ug/l	86
25) 2-Butanone	6.85	43	8630	1.68	ug/l	# 89
29) Tetrahydrofuran	7.23	42	3152	0.95	ug/l	# 86
31) Cyclohexane	7.67	56	21763	0.76	ug/l	# 1
36) 1,1-Dichloropropene	7.67	75	83430	3.98	ug/l	# 50
38) Carbon Tetrachloride	7.67	117	108983	5.02	ug/l	# 17
43) Isopropyl Acetate	8.26	43	113559	5.21	ug/l	# 64
49) 1,4-Dioxane	9.19	88	216	1.52	ug/l	# 65
51) 4-Methyl-2-Pentanone	9.99	43	7330	0.64	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.72	63	289	14.37	ug/l	# 51
59) 2-Hexanone	10.76	43	5828	0.79	ug/l	95
65) Chlorobenzene	11.44	112	25163	0.65	ug/l	98
74) N-amyl acetate	12.08	43	2766	0.31	ug/l	# 91
75) 1,1,2,2-Tetrachloroethane	12.51	83	1163	Below	Cal	# 91
76) 1,2,3-Trichloropropane	12.41	75	301128	43.22	ug/l	# 100
77) Bromobenzene	12.53	156	2535	0.27	ug/l	88
81) trans-1,4-Dichloro-2-buten	12.41	75	301128	136.59	ug/l	# 9
82) 4-Chlorotoluene	12.78	91	5938	0.25	ug/l	91
87) 1,3-Dichlorobenzene	13.29	146	4768	0.31	ug/l	# 79
88) 1,4-Dichlorobenzene	13.37	146	6409	0.42	ug/l	# 19
89) n-Butylbenzene	13.62	91	5529	0.25	ug/l	# 86
90) Hexachloroethane	13.87	117	408	Below	Cal	71
91) 1,2-Dichlorobenzene	13.66	146	4794	0.31	ug/l	91
92) 1,2-Dibromo-3-Chloropropan	14.26	75	975	0.78	ug/l	# 56
93) 1,2,4-Trichlorobenzene	14.91	180	7740	5.74	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061918\
Data File : VN049413.D
Acq On : 20 Jun 2018 4:04
Operator : MD\SY
Sample : PB110363ZHE#20
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jun 20 06:06:28 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

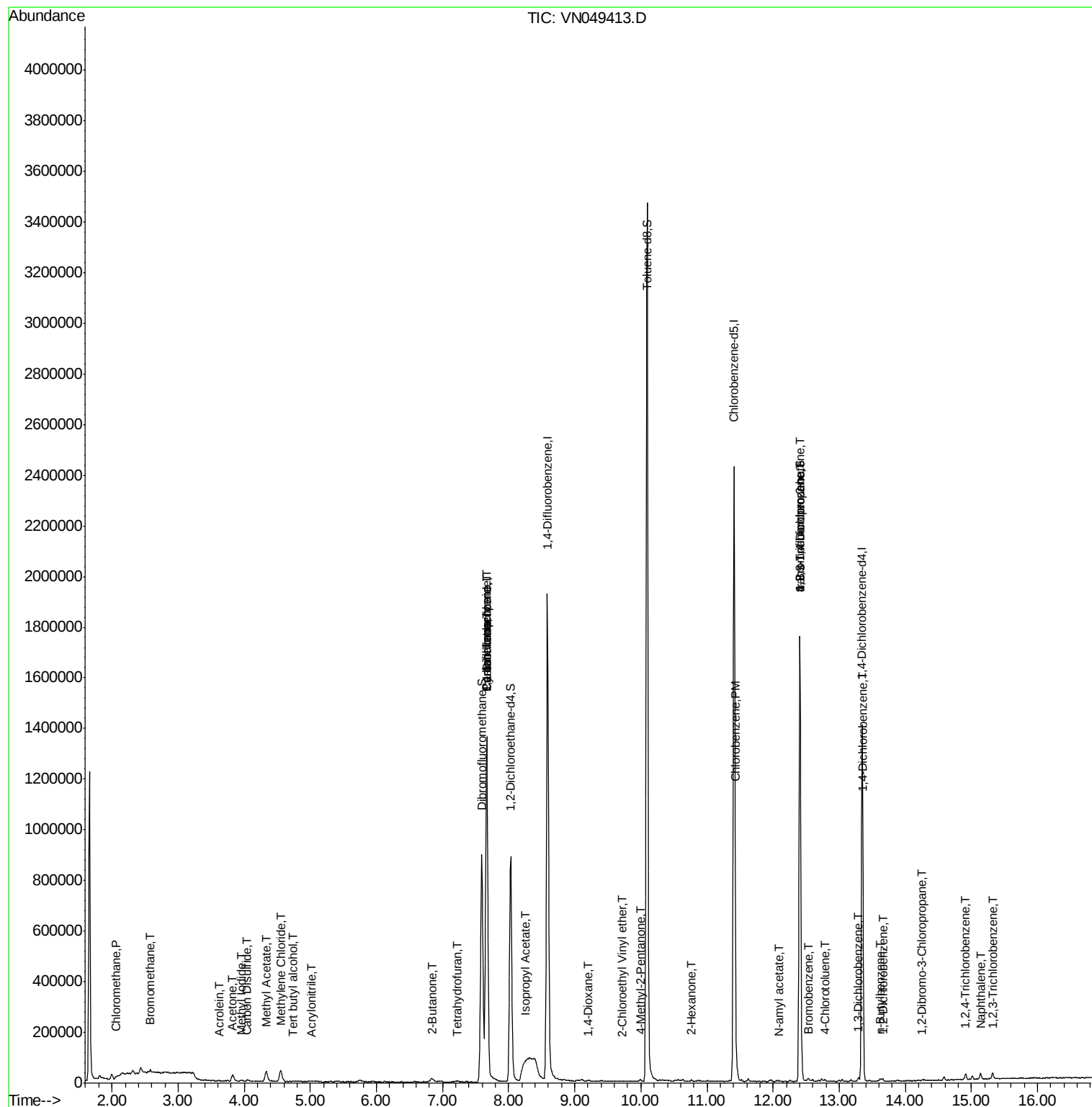
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.01	225	2741	Below Cal		89
95) Naphthalene	15.14	128	16674	3.55	ug/l	98
96) 1,2,3-Trichlorobenzene	15.32	180	8730	4.64	ug/l	96

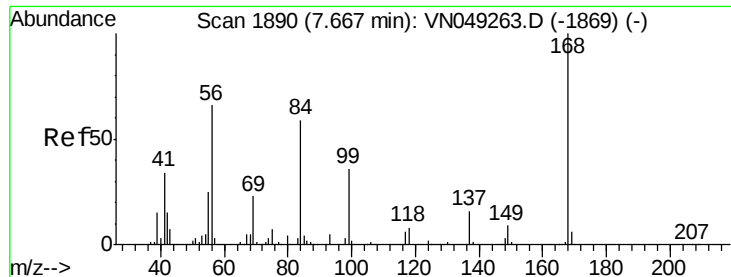
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061918\
Data File : VN049413.D
Acq On : 20 Jun 2018 4:04
Operator : MD\SY
Sample : PB110363ZHE#20
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jun 20 06:06:28 2018
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: VN049413.D

Acq: 20 Jun 2018 4:04

Instrument :

MSVOA_N

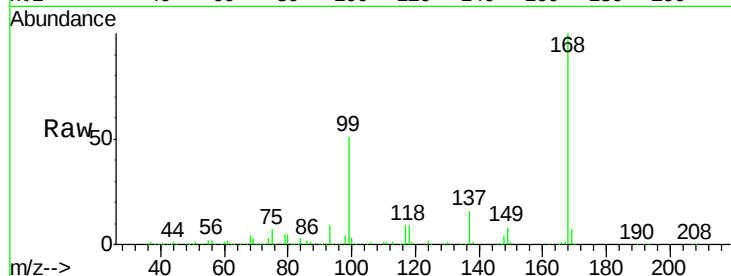
ClientSampleId :

Tot Ion:168 Resp: 1186278

Ion Ratio Lower Upper

168 100

99 50.7 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

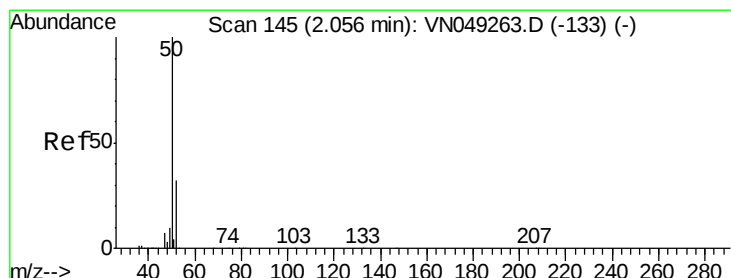
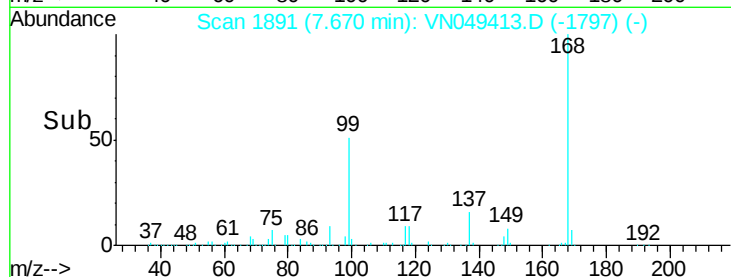
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#3

Chloromethane

Concen: 0.24 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN049413.D

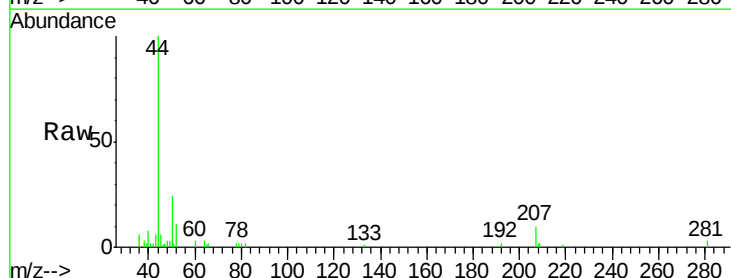
Acq: 20 Jun 2018 4:04

Tgt Ion: 50 Resp: 4178

Ion Ratio Lower Upper

50 100

52 44.0 25.2 37.8#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.06

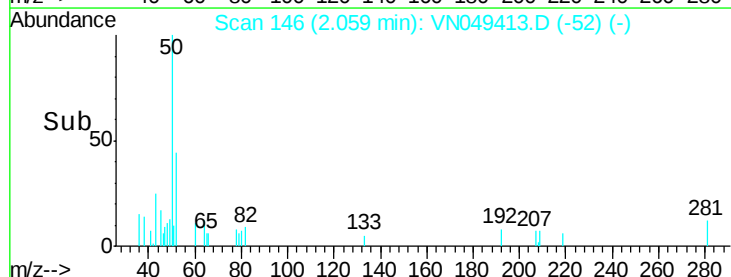
3000

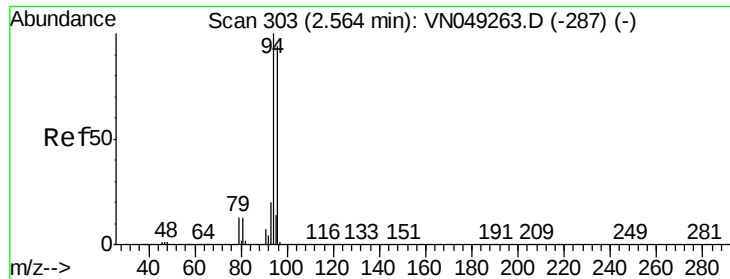
2000

1000

0

Time--> 2.00 2.05 2.10





#5

Bromomethane

Concen: 0.69 ug/l

RT: 2.58 min Scan# 307

Delta R.T. 0.01 min

Lab File: VN049413.D

Acq: 20 Jun 2018 4:04

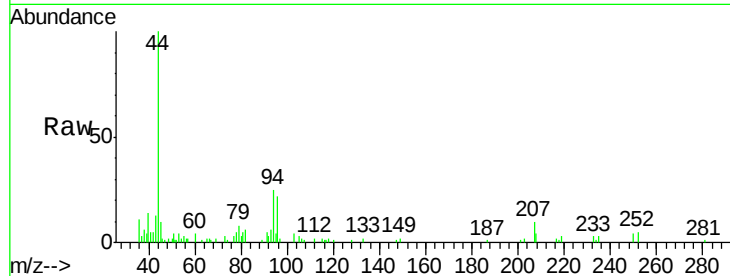
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 94 Resp: 6788

Ion Ratio Lower Upper

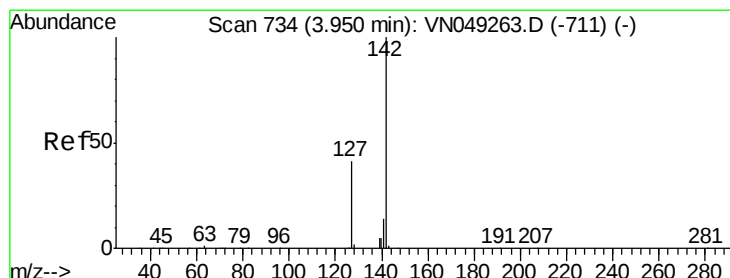
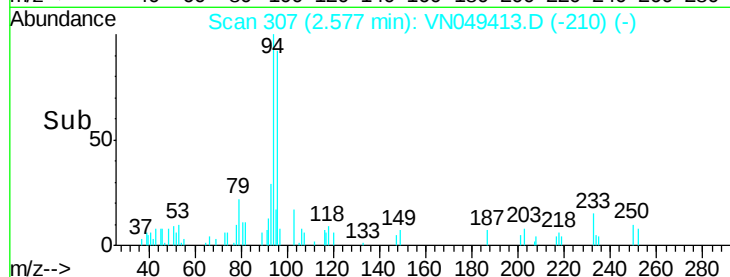
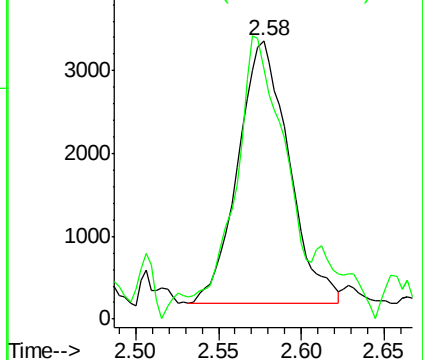
94 100

96 87.0 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VN049413.D (-210) (-)

Ion 95.90 (95.60 to 96.60): VN049413.D (-210) (-)



#10

Methyl Iodide

Concen: 0.30 ug/l

RT: 3.96 min Scan# 736

Delta R.T. 0.01 min

Lab File: VN049413.D

Acq: 20 Jun 2018 4:04

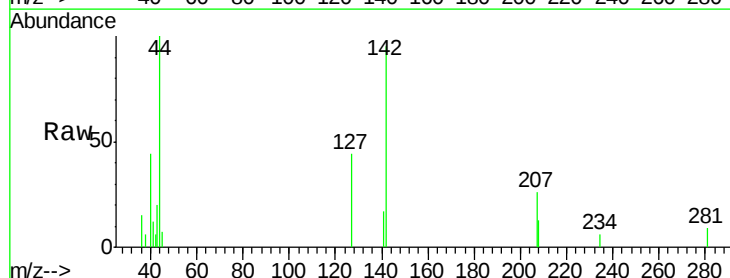
Tgt Ion: 142 Resp: 4587

Ion Ratio Lower Upper

142 100

127 49.8 38.2 57.4

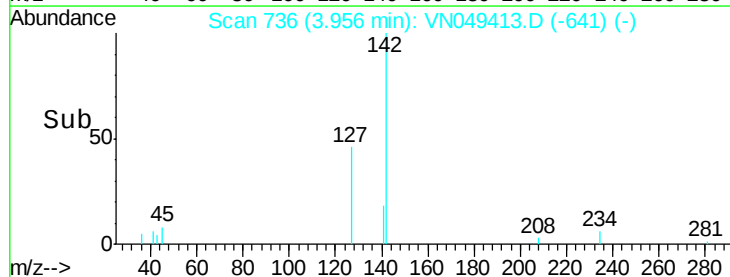
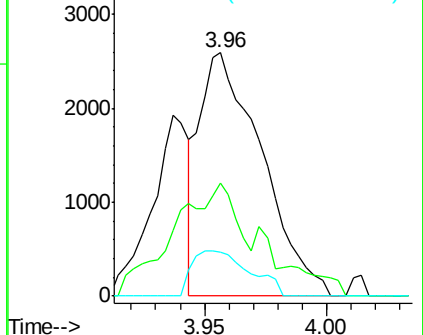
141 17.1 11.9 17.9

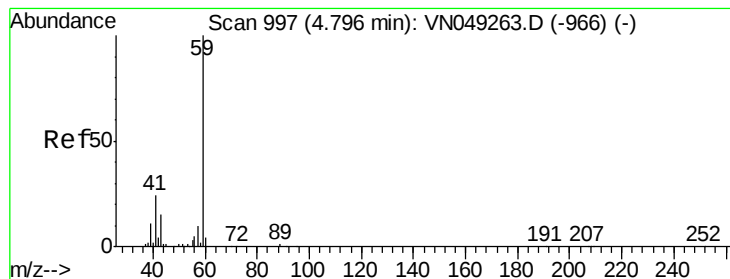


Abundance Ion 141.80 (141.50 to 142.50): VN049413.D (-641) (-)

Ion 126.80 (126.50 to 127.50): VN049413.D (-641) (-)

Ion 140.80 (140.50 to 141.50): VN049413.D (-641) (-)



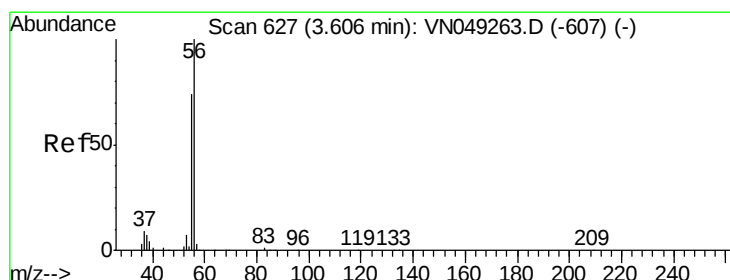
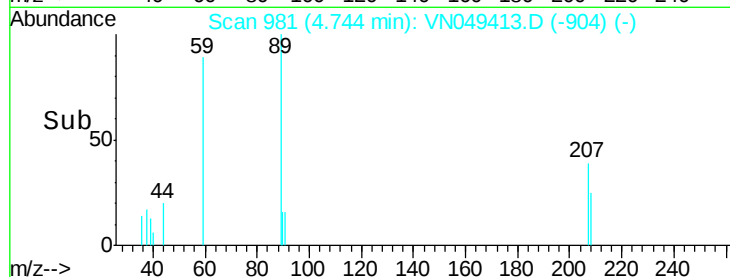
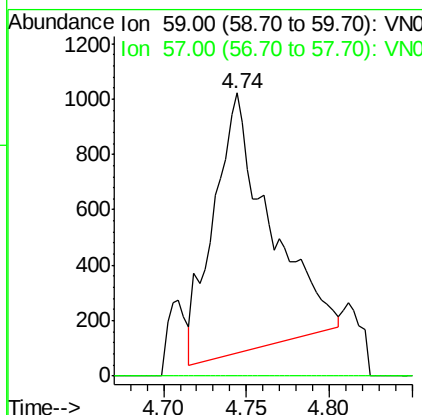
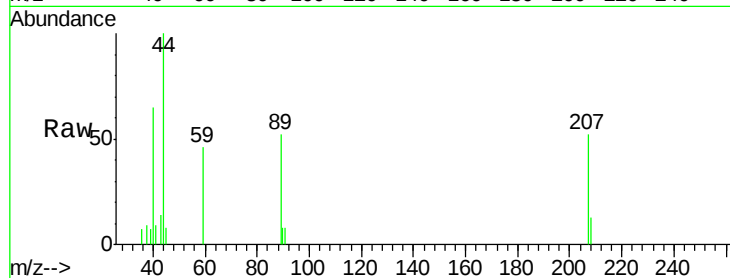


#11

Tert butyl alcohol
 Concen: 2.41 ug/l
 RT: 4.74 min Scan# 981
 Delta R.T. -0.05 min
 Lab File: VN049413.D
 Acq: 20 Jun 2018 4:04

Instrument :
 MSVOA_N
 ClientSampled :

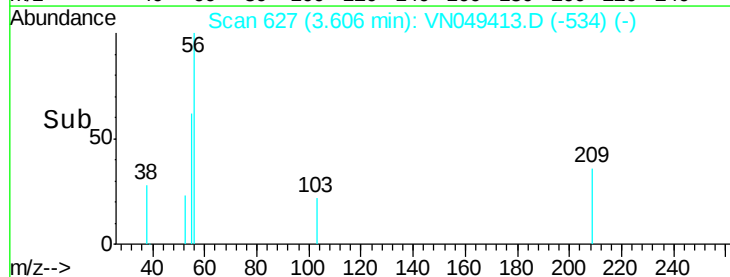
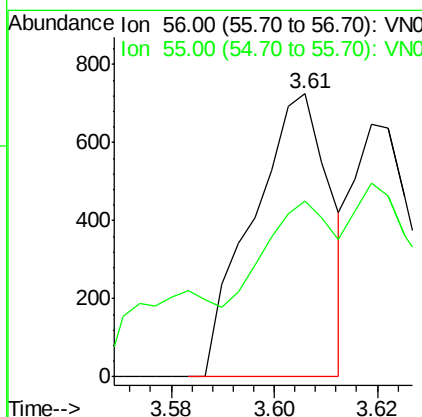
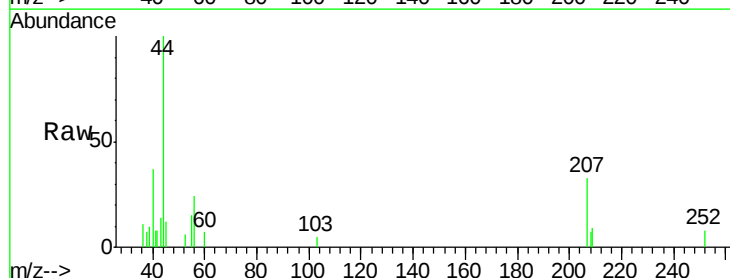
Tot Ion: 59 Resp: 2222
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.0 13.6#

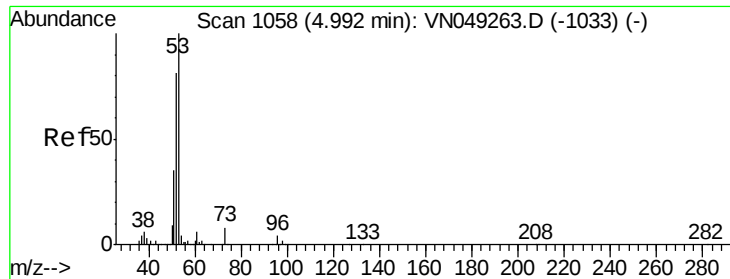


#13

Acrolein
 Concen: 0.78 ug/l
 RT: 3.61 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: VN049413.D
 Acq: 20 Jun 2018 4:04

Tgt Ion: 56 Resp: 753
 Ion Ratio Lower Upper
 56 100
 55 63.7 57.1 85.7

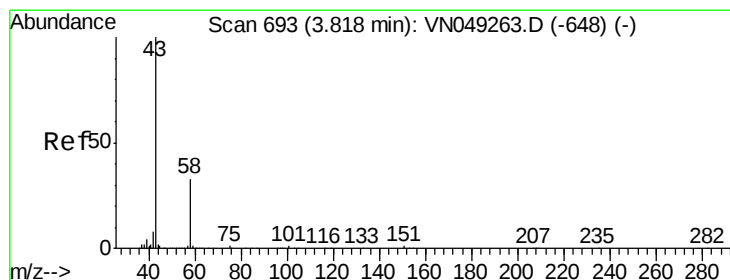
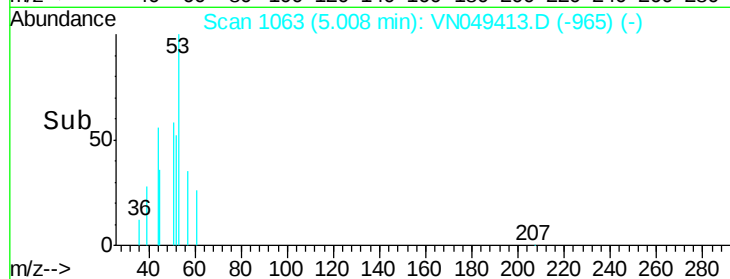
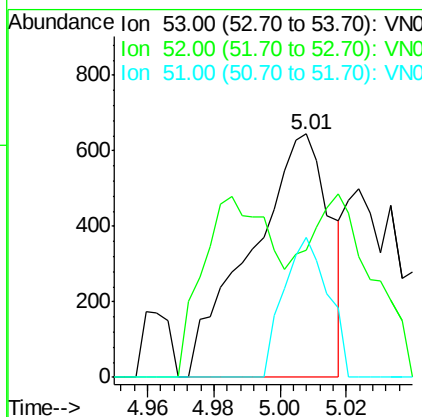
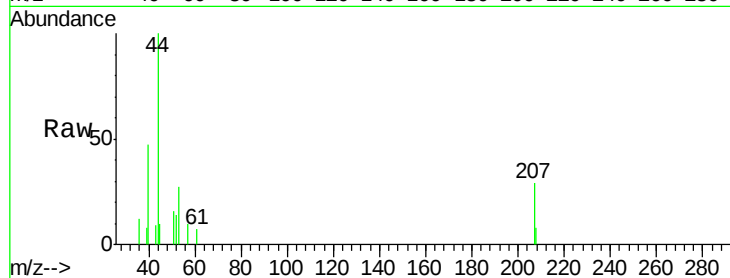




#15
 Acrylonitrile
 Concen: 0.23 ug/l
 RT: 5.01 min Scan# 1063
 Delta R.T. 0.02 min
 Lab File: VN049413.D
 Acq: 20 Jun 2018 4:04

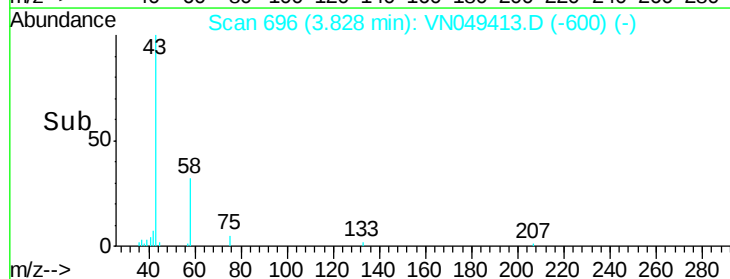
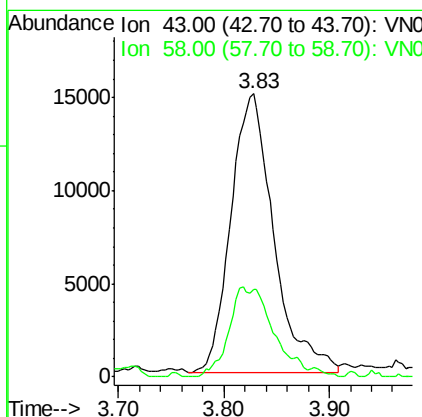
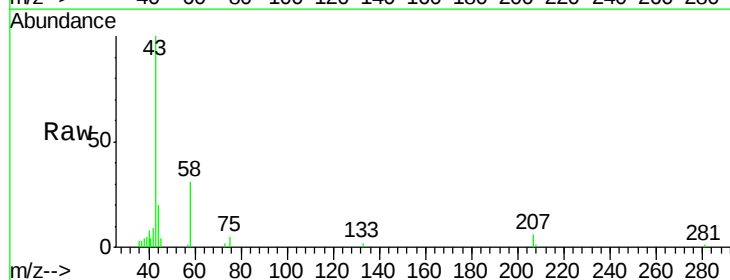
Instrument :
 MSVOA_N
 ClientSampleId :

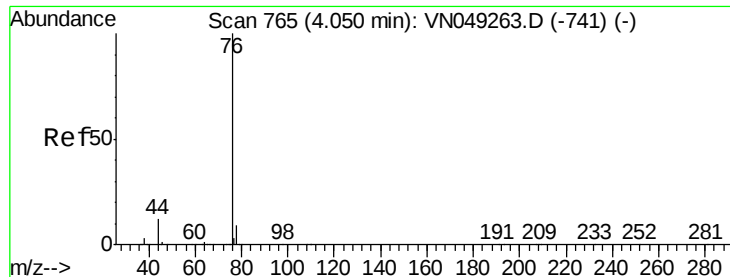
Tot Ion: 53 Resp: 1067
 Ion Ratio Lower Upper
 53 100
 52 59.6 66.6 100.0#
 51 32.8 29.8 44.8



#16
 Acetone
 Concen: 11.06 ug/l
 RT: 3.83 min Scan# 696
 Delta R.T. 0.01 min
 Lab File: VN049413.D
 Acq: 20 Jun 2018 4:04

Tgt Ion: 43 Resp: 42271
 Ion Ratio Lower Upper
 43 100
 58 31.5 22.4 33.6

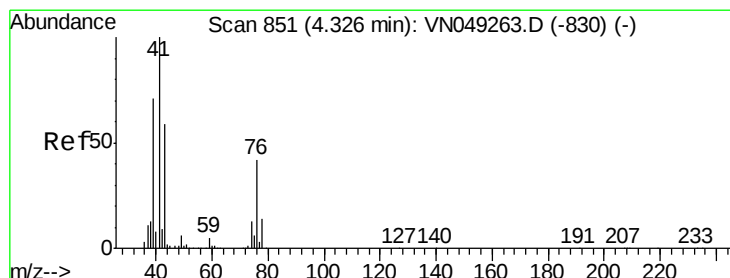
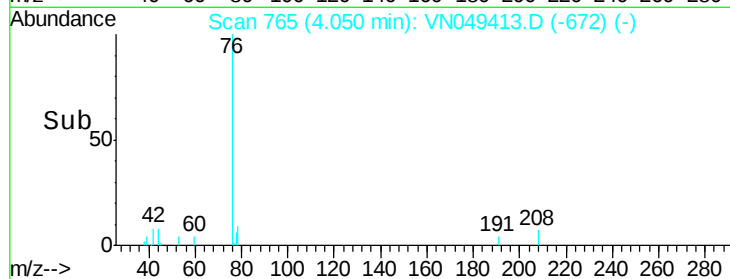
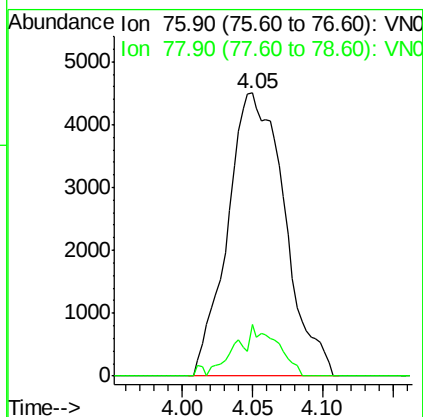
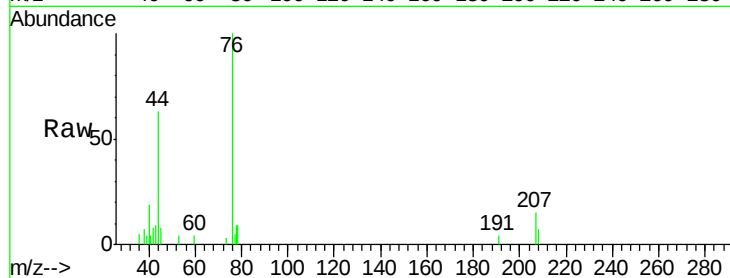




#17
Carbon Disulfide
Concen: 0.30 ug/l
RT: 4.05 min Scan# 765
Delta R.T. -0.00 min
Lab File: VN049413.D
Acq: 20 Jun 2018 4:04

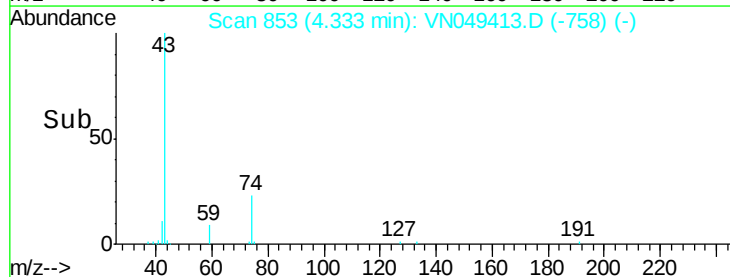
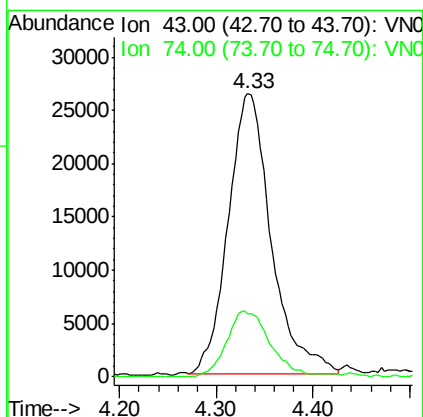
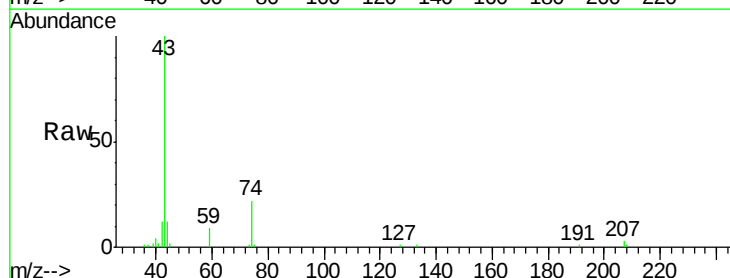
Instrument :
MSVOA_N
ClientSampled :

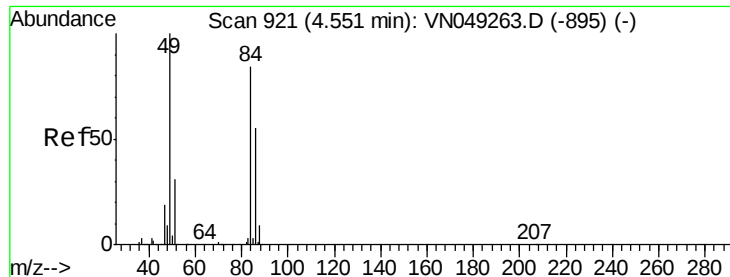
Tot Ion: 76 Resp: 12714
Ion Ratio Lower Upper
76 100
78 18.2 7.4 11.0#



#18
Methyl Acetate
Concen: 6.95 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049413.D
Acq: 20 Jun 2018 4:04

Tgt Ion: 43 Resp: 81000
Ion Ratio Lower Upper
43 100
74 23.6 17.4 26.0

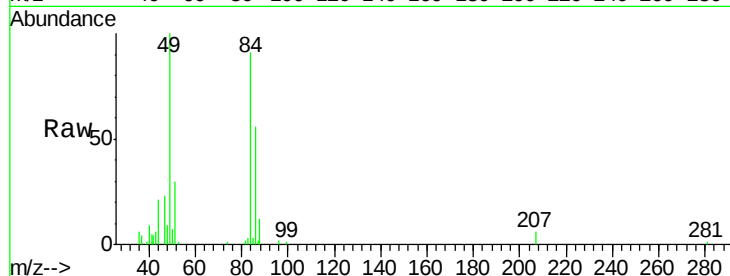




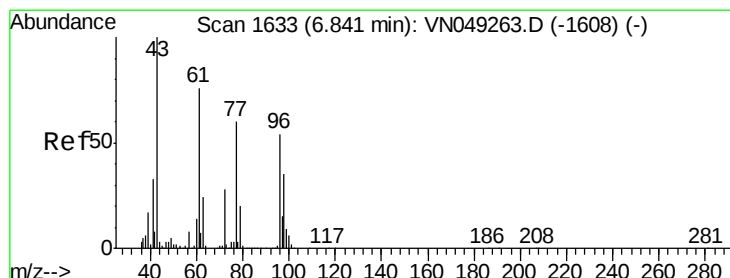
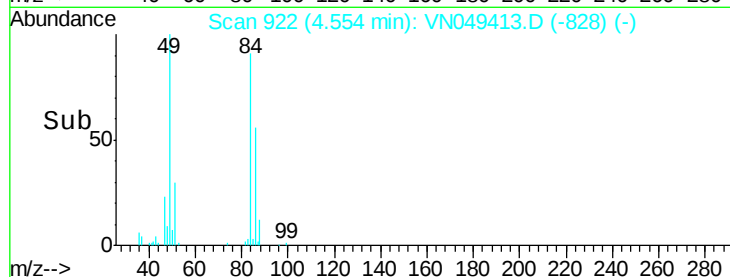
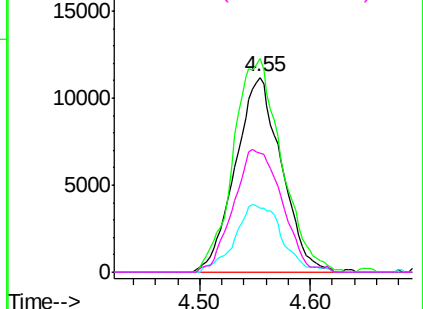
#20
Methvlene Chloride
Concen: 2.03 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN049413.D
Acq: 20 Jun 2018 4:04

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 84 Resp: 32347
Ion Ratio Lower Upper
84 100
49 109.8 106.9 160.3
51 33.2 32.7 49.1
86 61.5 49.8 74.8

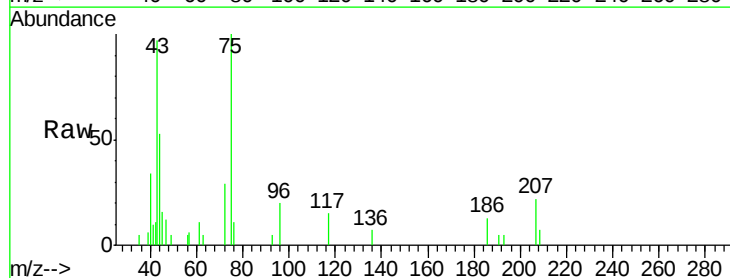


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

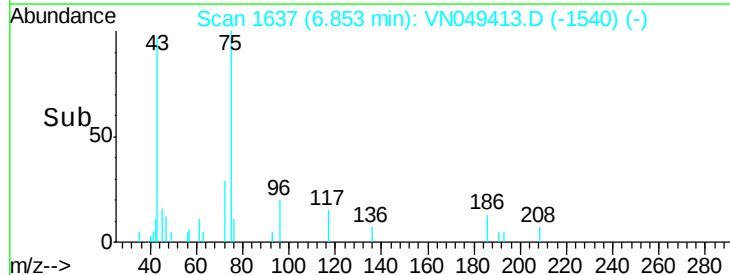
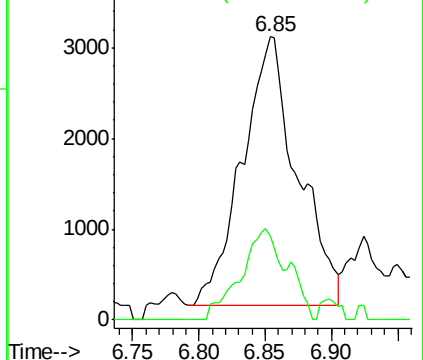


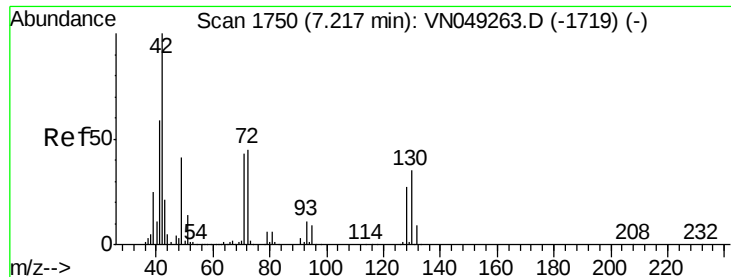
#25
2-Butanone
Concen: 1.68 ug/l
RT: 6.85 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VN049413.D
Acq: 20 Jun 2018 4:04

Tgt Ion: 43 Resp: 8630
Ion Ratio Lower Upper
43 100
72 31.0 20.2 30.2#



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





#29

Tetrahydrofuran

Concen: 0.95 ug/l

RT: 7.23 min Scan# 1753

Delta R.T. 0.01 min

Lab File: VN049413.D

Acq: 20 Jun 2018 4:04

Instrument :

MSVOA_N

ClientSampleId :

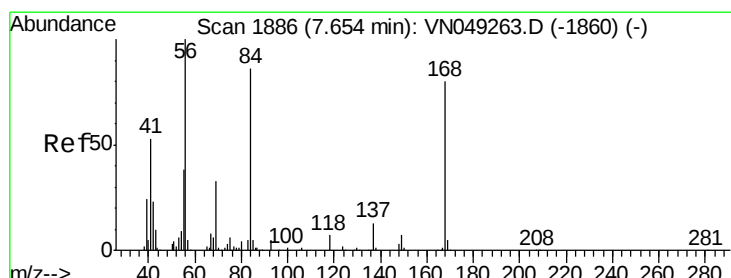
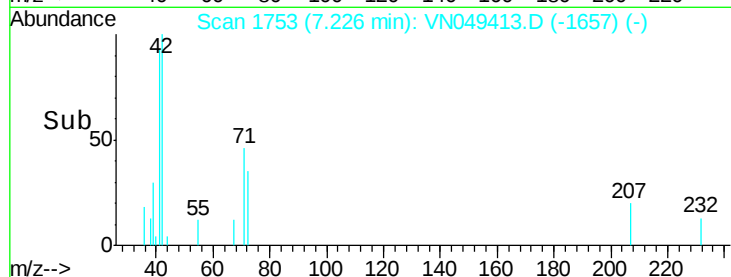
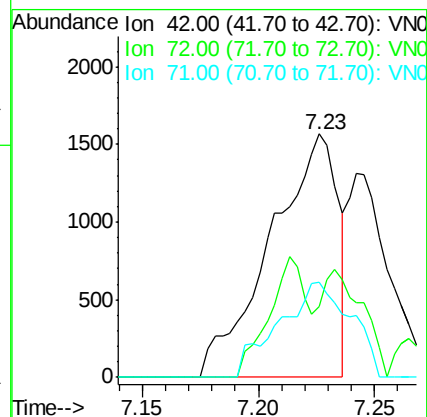
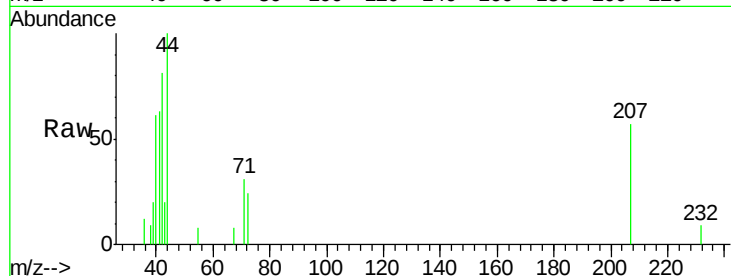
Tot Ion: 42 Resp: 3152

Ion Ratio Lower Upper

42 100

72 27.2 32.2 48.4#

71 41.7 30.5 45.7



#31

Cyclohexane

Concen: 0.76 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VN049413.D

Acq: 20 Jun 2018 4:04

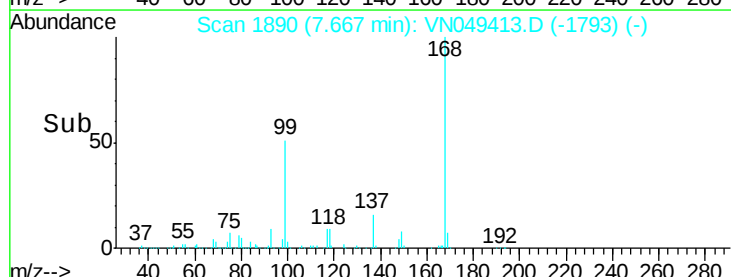
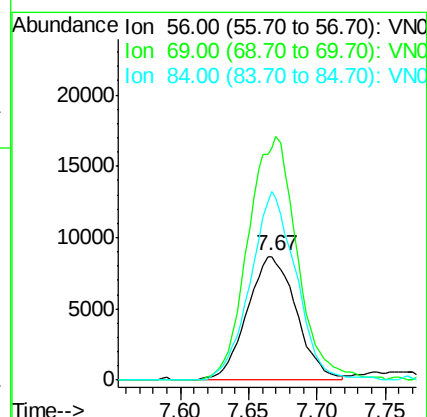
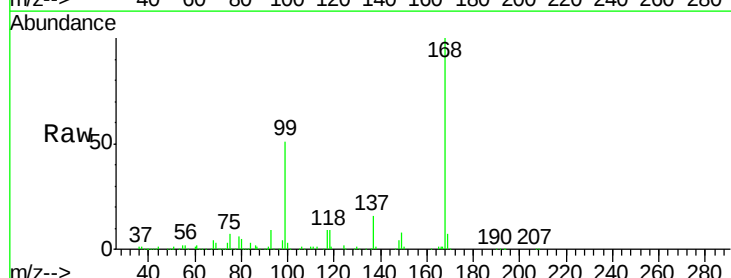
Tgt Ion: 56 Resp: 21763

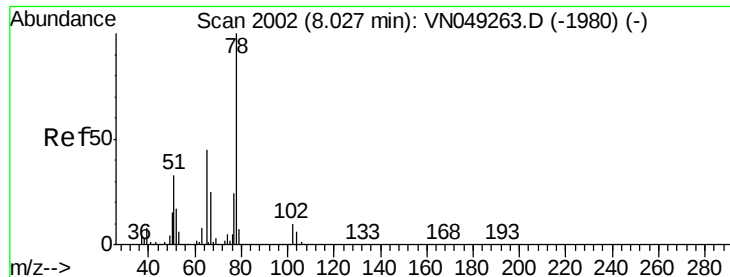
Ion Ratio Lower Upper

56 100

69 187.8 25.0 37.4#

84 152.1 64.6 96.8#





#33

1,2-Dichloroethane-d4

Concen: 49.19 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049413.D

Acq: 20 Jun 2018 4:04

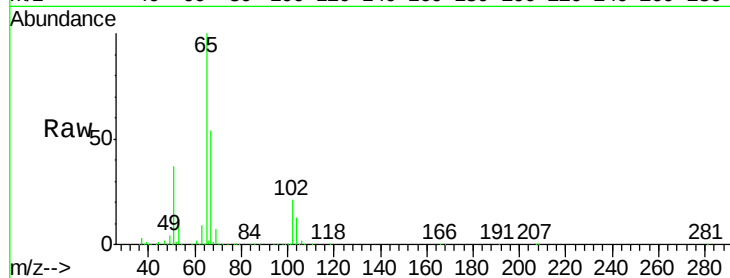
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 65 Resp: 774008

Ion Ratio Lower Upper

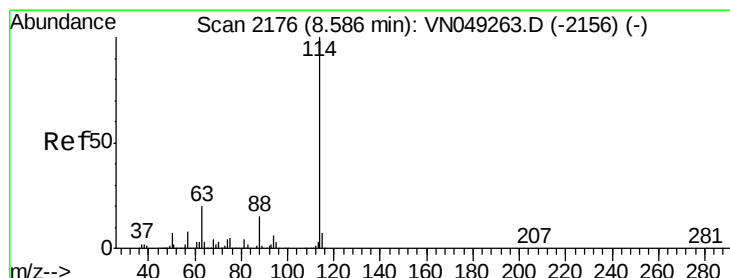
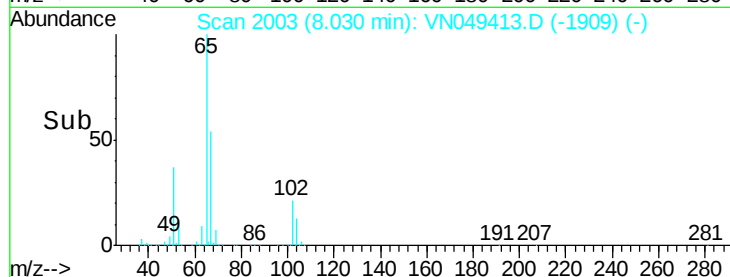
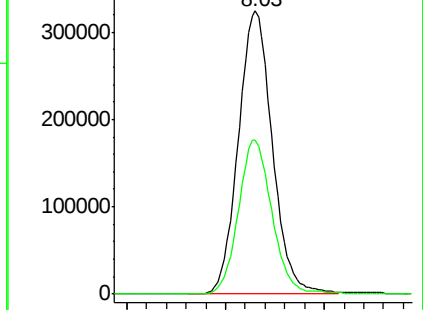
65 100

67 53.7 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN049413.D (-1980) (-)

Ion 66.90 (66.60 to 67.60): VN049413.D (-1980) (-)



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VN049413.D

Acq: 20 Jun 2018 4:04

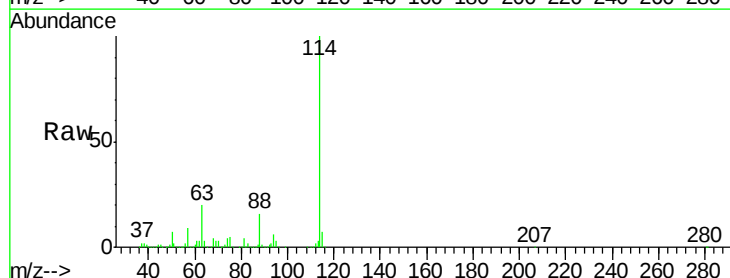
Tgt Ion: 114 Resp: 1830822

Ion Ratio Lower Upper

114 100

63 19.7 0.0 44.4

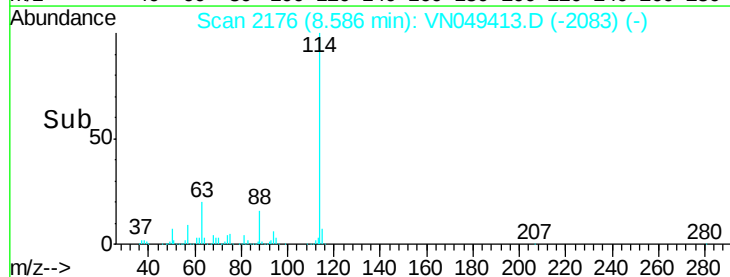
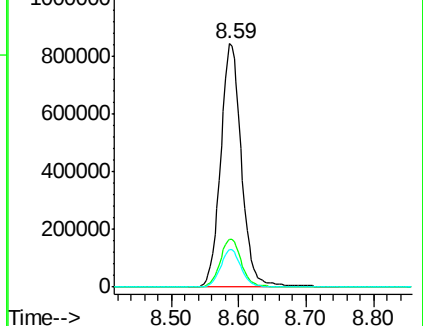
88 15.5 0.0 31.4

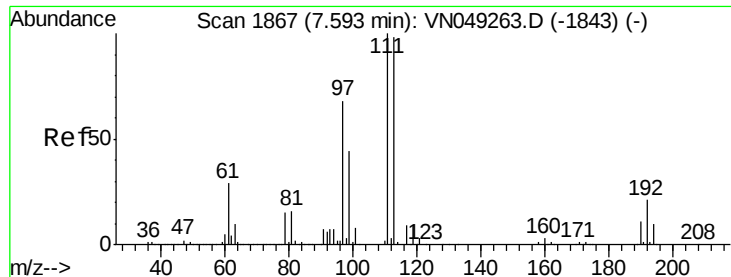


Abundance Ion 113.90 (113.60 to 114.60): VN049413.D (-2156) (-)

Ion 63.00 (62.70 to 63.70): VN049413.D (-2156) (-)

Ion 87.90 (87.60 to 88.60): VN049413.D (-2156) (-)

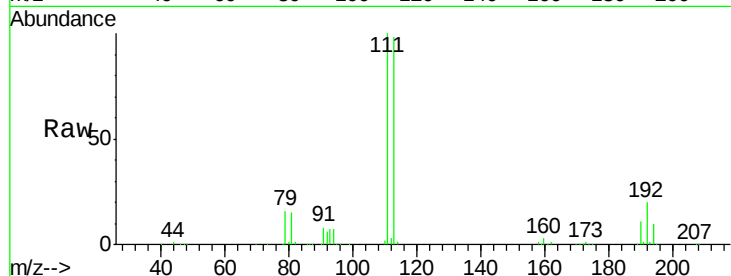




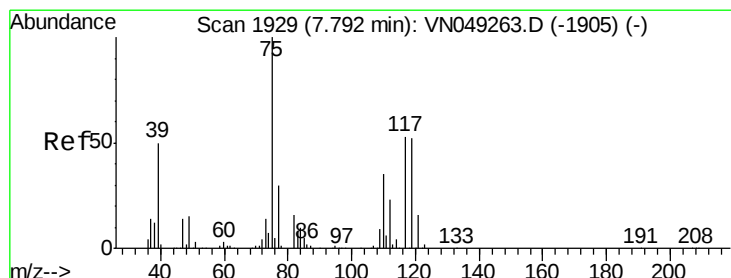
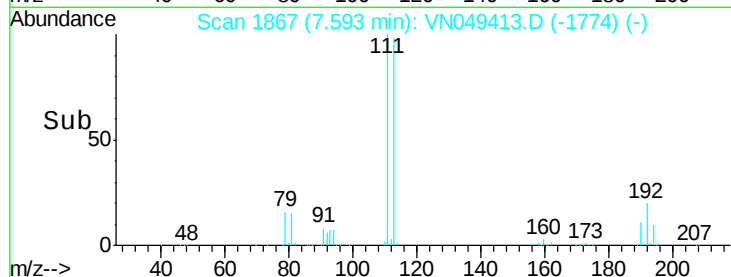
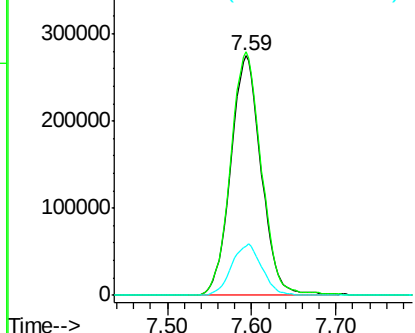
#35
 Dibromofluoromethane
 Concen: 46.73 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN049413.D
 Acq: 20 Jun 2018 4:04

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:113 Resp: 692146
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.4 123.6
 192 21.3 15.0 22.6

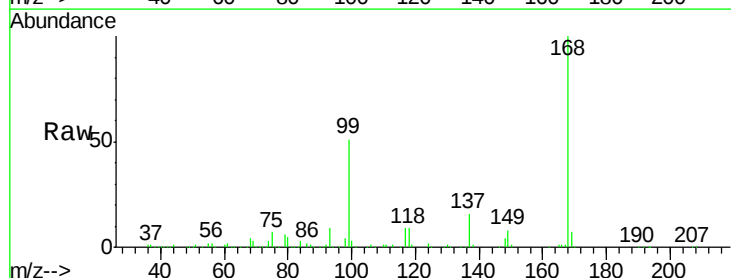


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

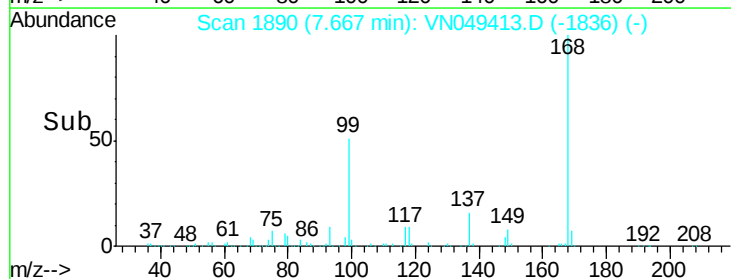
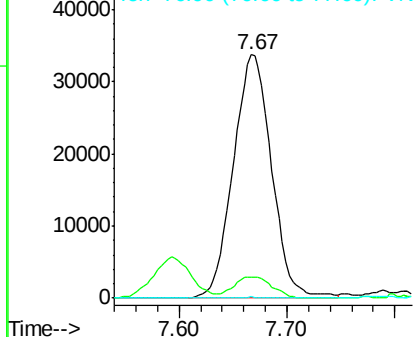


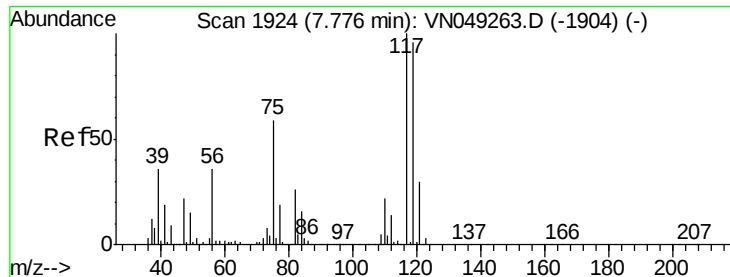
#36
 1,1-Dichloropropene
 Concen: 3.98 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN049413.D
 Acq: 20 Jun 2018 4:04

Tgt Ion: 75 Resp: 83430
 Ion Ratio Lower Upper
 75 100
 110 8.5 17.0 50.9#
 77 0.0 24.4 36.6#



Abundance Ion 74.90 (74.60 to 75.60): VNO
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VNO





#38

Carbon Tetrachloride

Concen: 5.02 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. -0.11 min

Lab File: VN049413.D

Acq: 20 Jun 2018 4:04

Instrument :

MSVOA_N

ClientSampled :

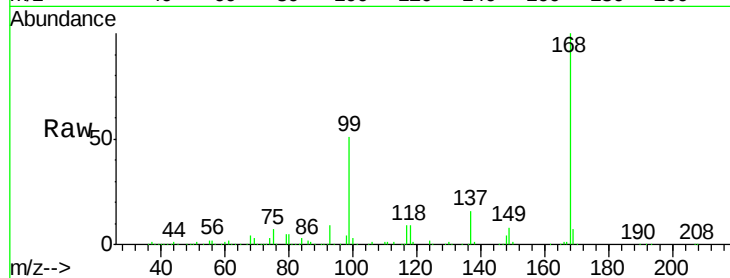
Tot Ion:117 Resp: 108983

Ion Ratio Lower Upper

117 100

119 5.7 75.6 113.4#

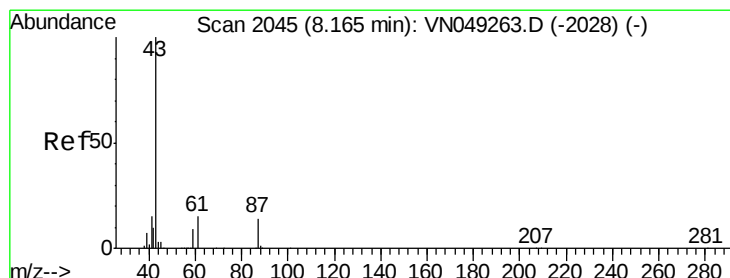
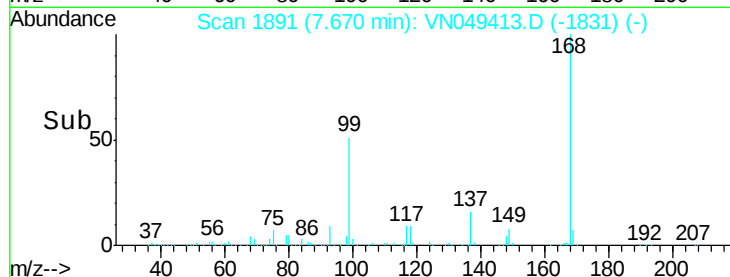
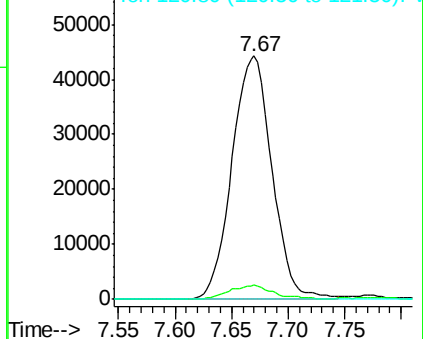
121 0.0 24.7 37.1#



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: 5.21 ug/l

RT: 8.26 min Scan# 2074

Delta R.T. 0.09 min

Lab File: VN049413.D

Acq: 20 Jun 2018 4:04

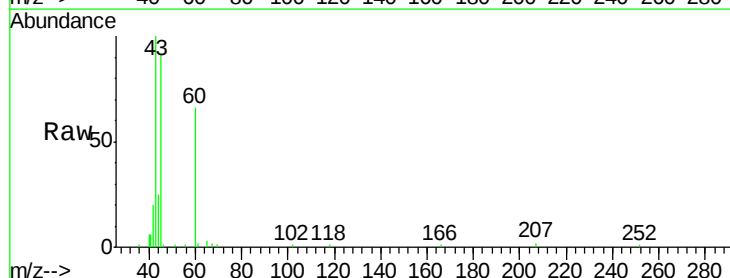
Tgt Ion: 43 Resp: 113559

Ion Ratio Lower Upper

43 100

61 0.0 14.2 21.4#

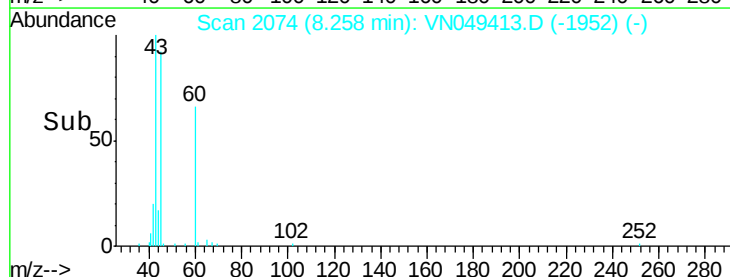
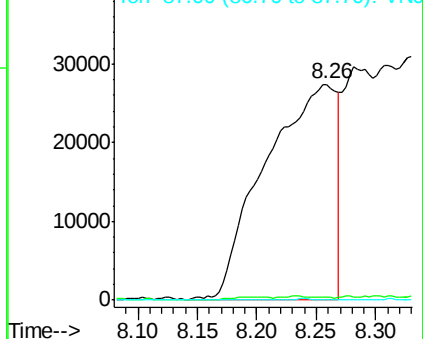
87 0.1 9.4 14.0#

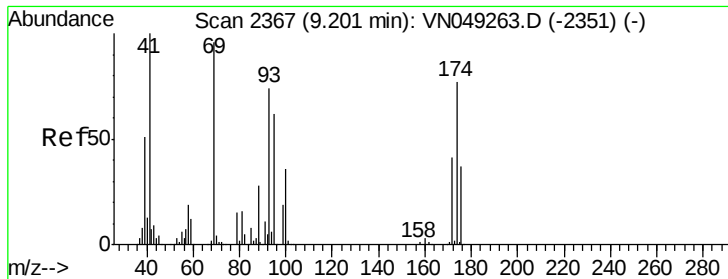


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V

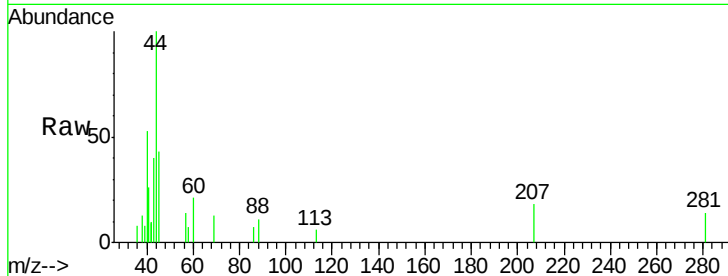




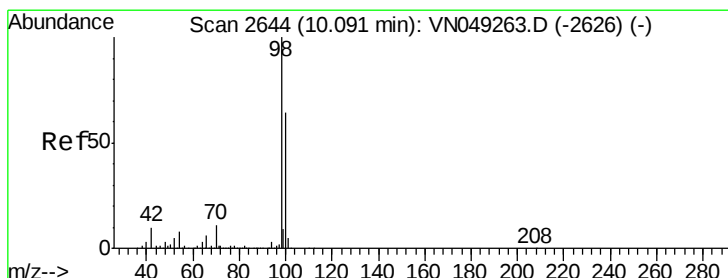
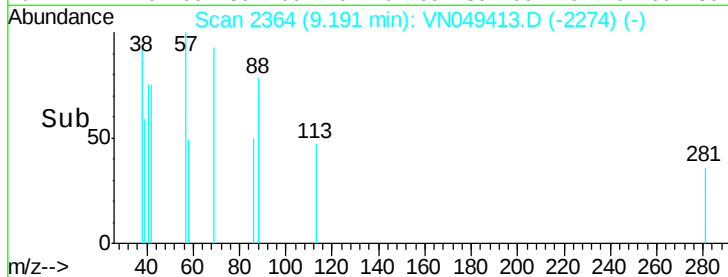
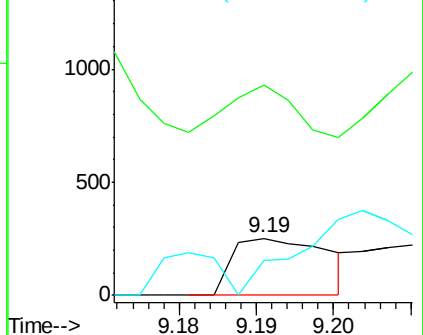
#49
1,4-Dioxane
Concen: 1.52 ug/l
RT: 9.19 min Scan# 2364
Delta R.T. -0.01 min
Lab File: VN049413.D
Acq: 20 Jun 2018 4:04

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 216
Ion Ratio Lower Upper
88 100
43 63.0 30.9 46.3#
58 46.8 58.9 88.3#

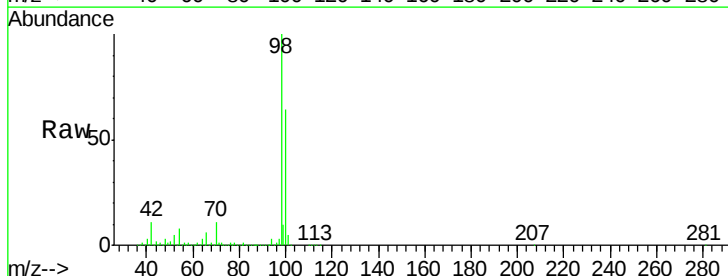


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

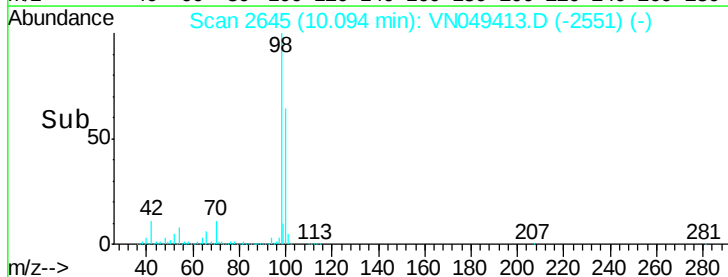
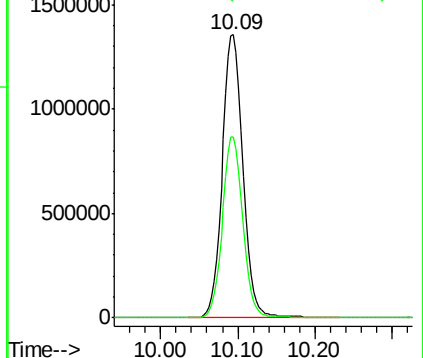


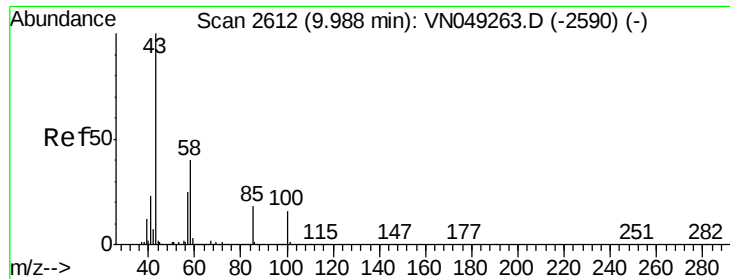
#50
Toluene-d8
Concen: 44.77 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049413.D
Acq: 20 Jun 2018 4:04

Tgt Ion: 98 Resp: 2524900
Ion Ratio Lower Upper
98 100
100 63.3 49.8 74.8



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

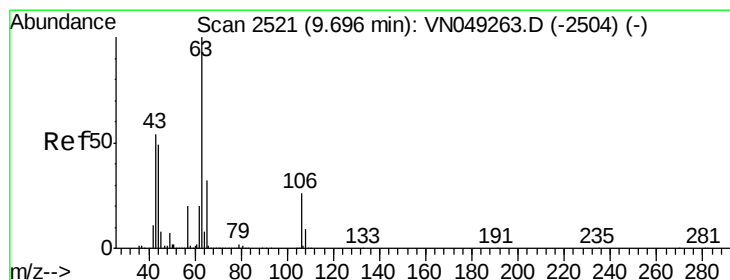
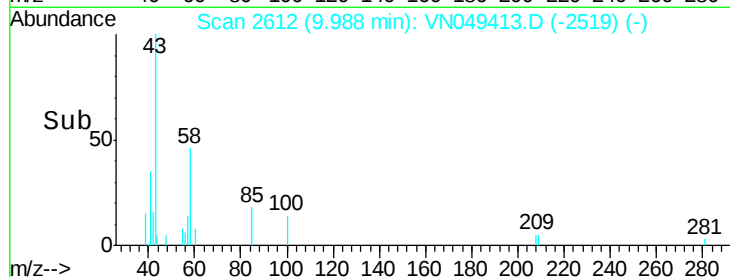
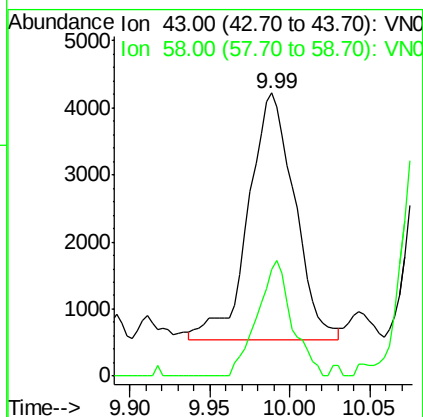
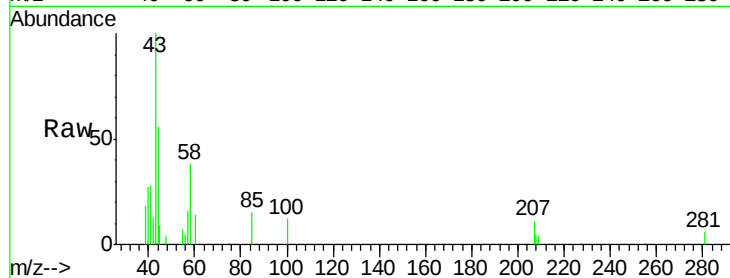




#51
4-Methyl-2-Pentanone
Concen: 0.64 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. -0.00 min
Lab File: VN049413.D
Acq: 20 Jun 2018 4:04

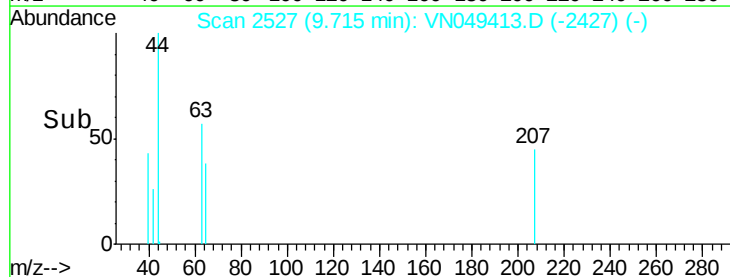
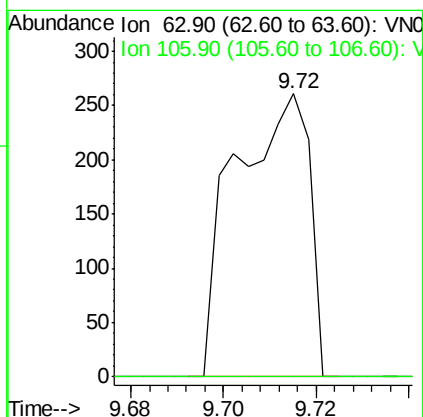
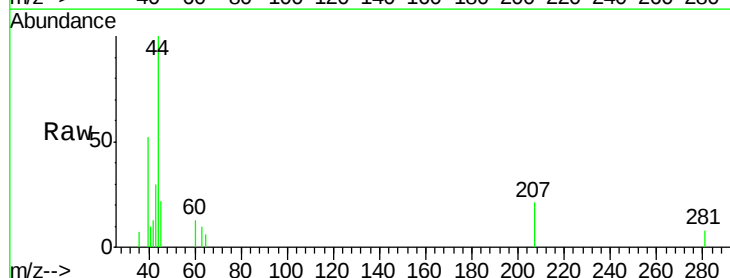
Instrument :
MSVOA_N
ClientSampled :

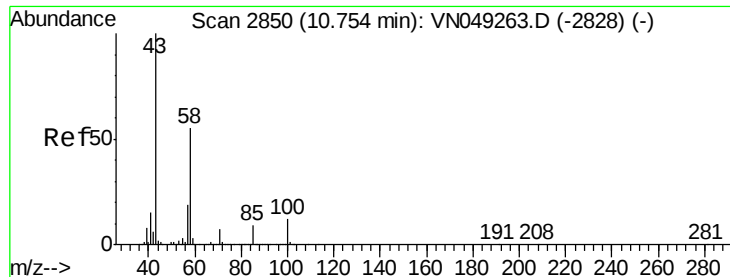
Tot Ion: 43 Resp: 7330
Ion Ratio Lower Upper
43 100
58 35.0 29.0 43.6



#58
2-Chloroethyl Vinyl ether
Concen: 14.37 ug/l
RT: 9.72 min Scan# 2527
Delta R.T. 0.02 min
Lab File: VN049413.D
Acq: 20 Jun 2018 4:04

Tgt Ion: 63 Resp: 289
Ion Ratio Lower Upper
63 100
106 0.0 19.4 29.2#





#59

2-Hexanone

Concen: 0.79 ug/l

RT: 10.76 min Scan# 2853

Delta R.T. 0.01 min

Lab File: VN049413.D

Acq: 20 Jun 2018 4:04

Instrument :

MSVOA_N

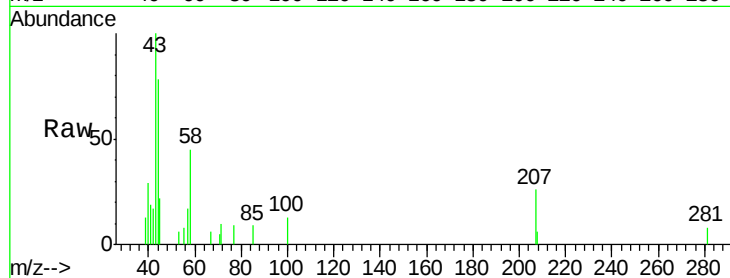
ClientSampleId :

Tot Ion: 43 Resp: 5828

Ion Ratio Lower Upper

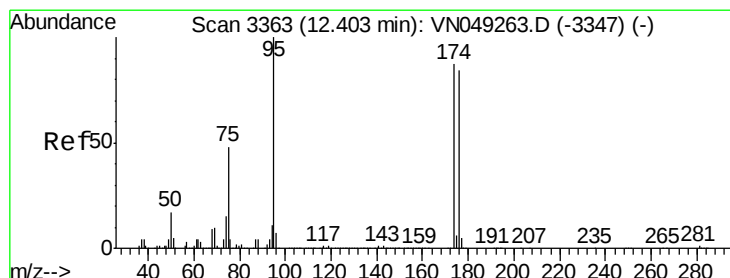
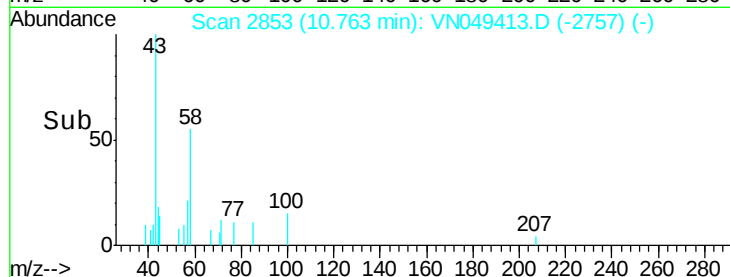
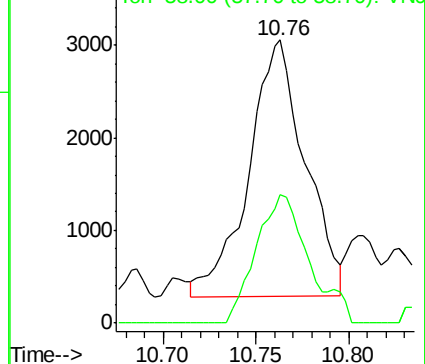
43 100

58 47.0 25.2 75.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#62

4-Bromofluorobenzene

Concen: 33.51 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049413.D

Acq: 20 Jun 2018 4:04

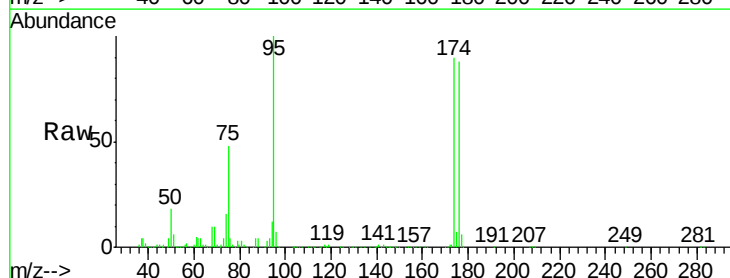
Tgt Ion: 95 Resp: 624911

Ion Ratio Lower Upper

95 100

174 89.1 0.0 165.6

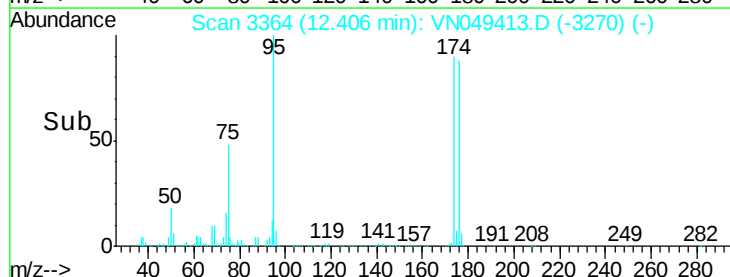
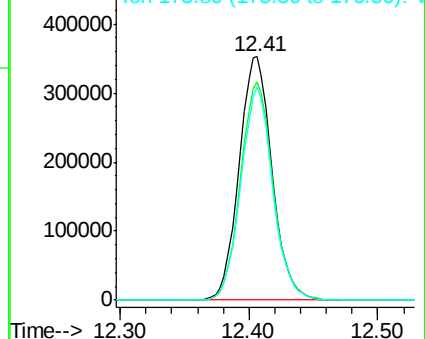
176 85.2 0.0 157.4

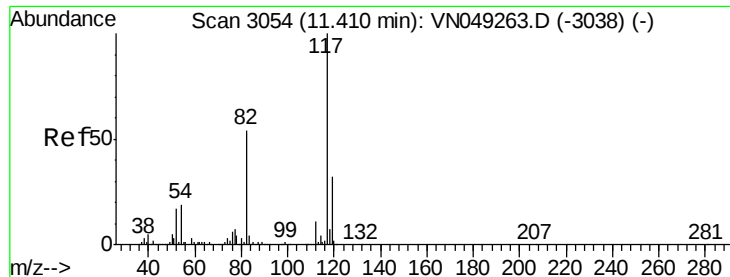


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN049413.D

Acq: 20 Jun 2018 4:04

Instrument :

MSVOA_N

ClientSampled :

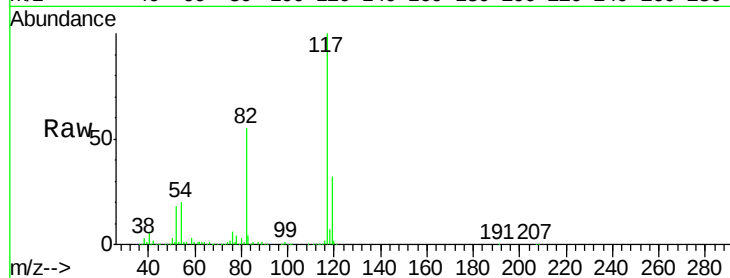
Tot Ion:117 Resp: 1511049

Ion Ratio Lower Upper

117 100

82 54.6 45.9 68.9

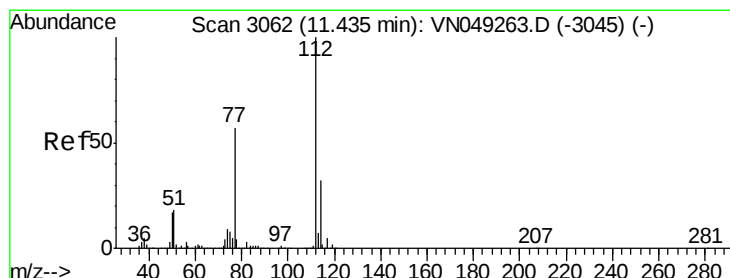
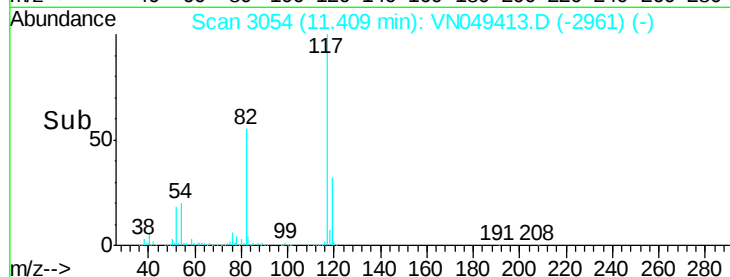
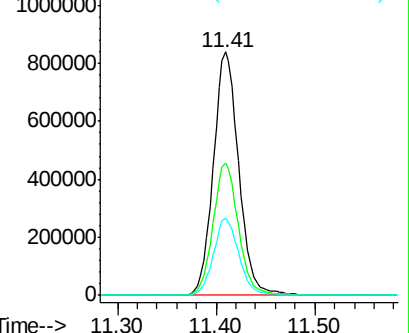
119 32.0 25.5 38.3



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: 0.65 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN049413.D

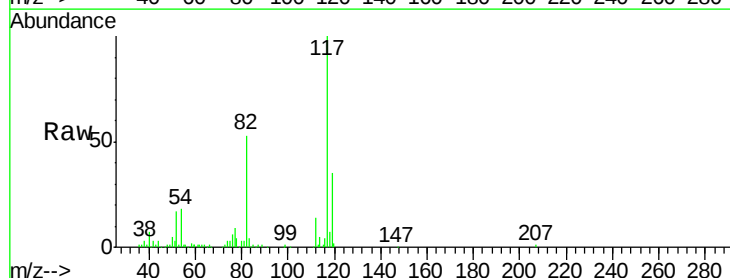
Acq: 20 Jun 2018 4:04

Tgt Ion:112 Resp: 25163

Ion Ratio Lower Upper

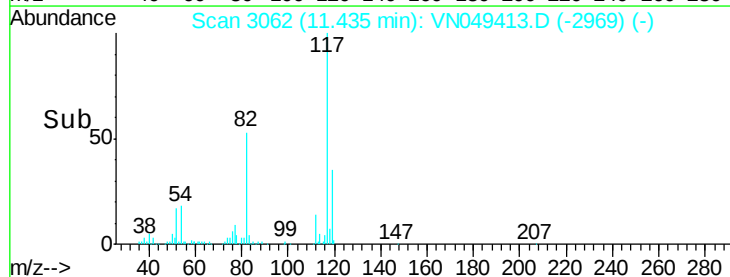
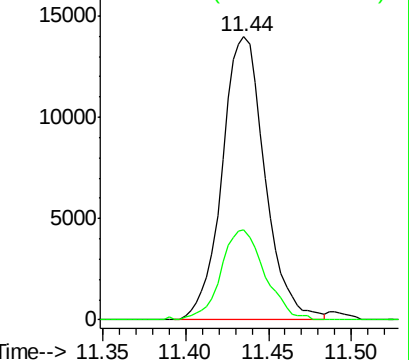
112 100

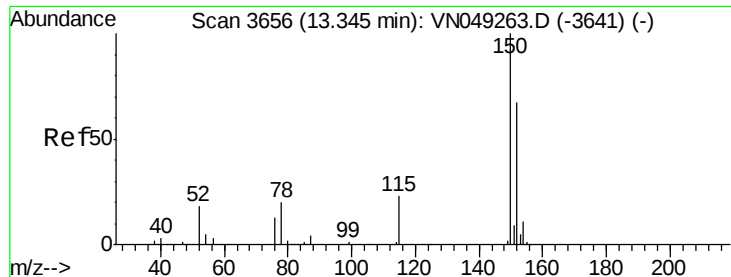
114 31.9 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



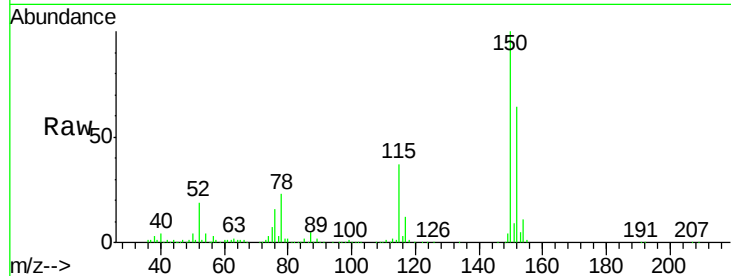


#72

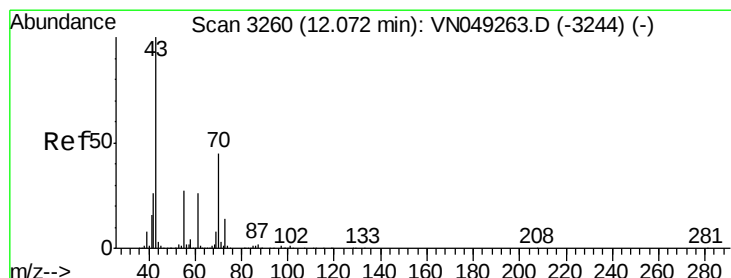
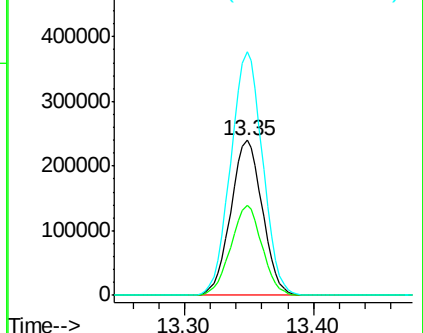
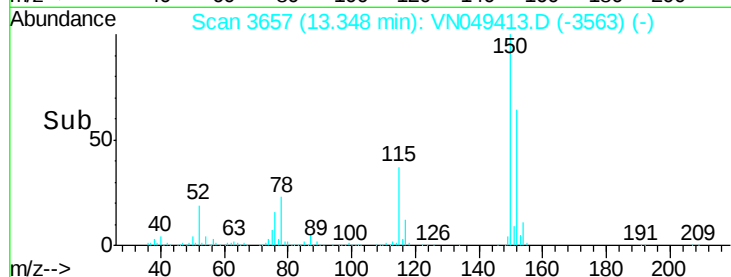
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3657
Delta R.T. 0.00 min
Lab File: VN049413.D
Acq: 20 Jun 2018 4:04

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:152 Resp: 408376
Ion Ratio Lower Upper
152 100
115 57.3 28.7 86.1
150 158.4 0.0 351.0



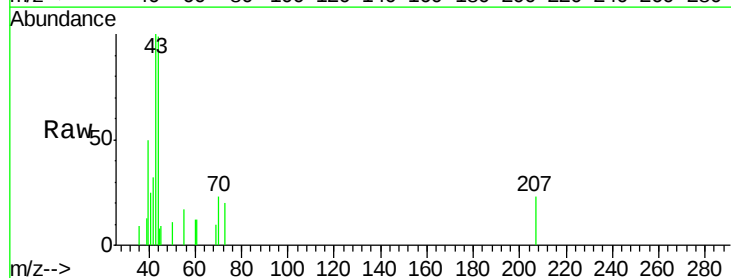
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



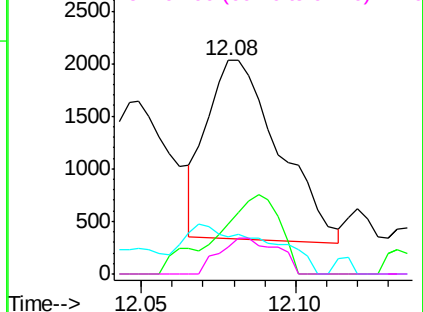
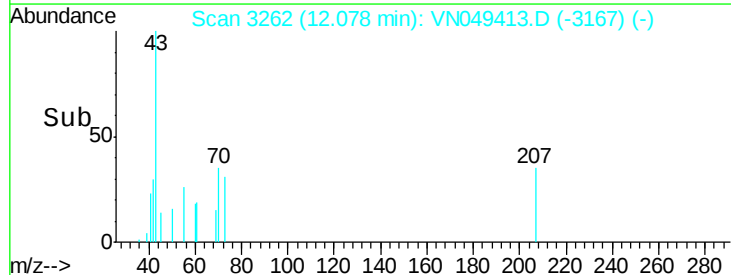
#74

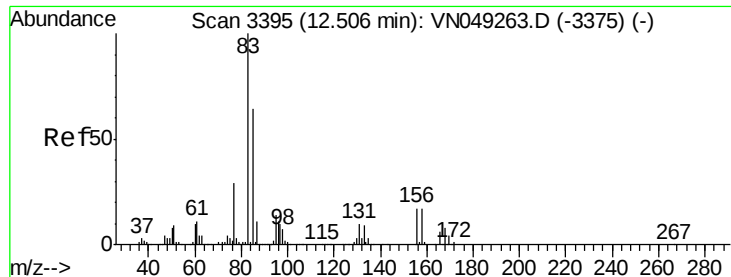
N-ethyl acetate
Concen: 0.31 ug/l
RT: 12.08 min Scan# 3262
Delta R.T. 0.01 min
Lab File: VN049413.D
Acq: 20 Jun 2018 4:04

Tgt Ion: 43 Resp: 2766
Ion Ratio Lower Upper
43 100
70 38.9 30.3 45.5
55 32.3 19.4 29.2#
61 16.0 17.8 26.6#



Abundance Ion 43.00 (42.70 to 43.70): V
Ion 70.00 (69.70 to 70.70): V
Ion 55.00 (54.70 to 55.70): V
Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.51 min Scan# 3396

Delta R.T. 0.00 min

Lab File: VN049413.D

Acq: 20 Jun 2018 4:04

Instrument :

MSVOA_N

ClientSampleId :

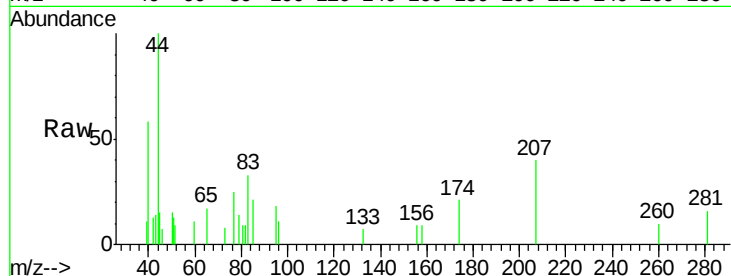
Tot Ion: 83 Resp: 1163

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

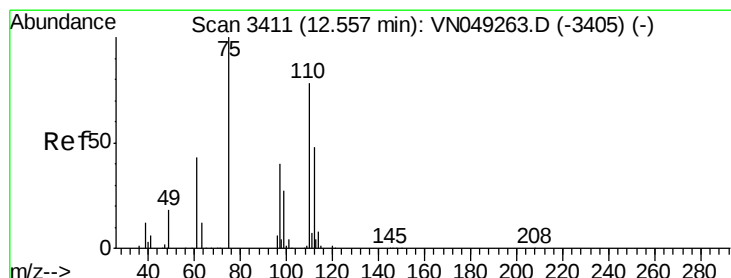
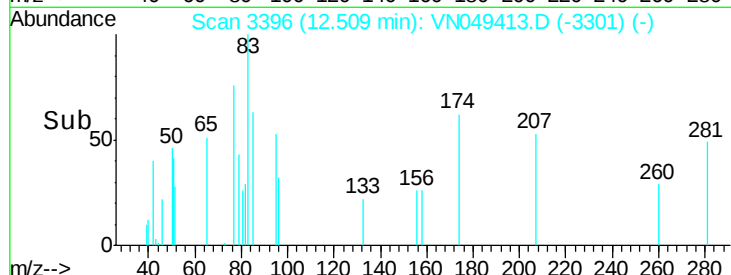
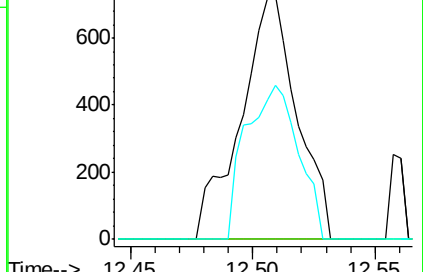
85 59.1 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VNC

Ion 130.80 (130.50 to 131.50): VNC

Ion 84.90 (84.60 to 85.60): VNC



#76

1,2,3-Trichloropropane

Concen: 43.22 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. -0.15 min

Lab File: VN049413.D

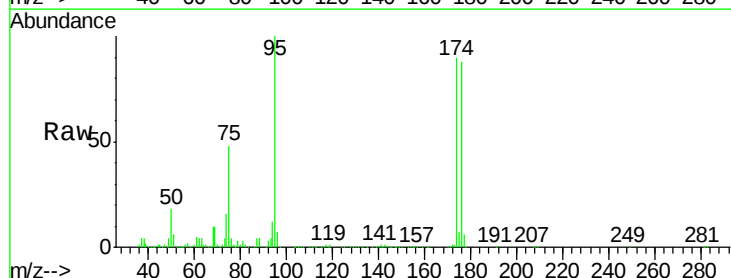
Acq: 20 Jun 2018 4:04

Tgt Ion: 75 Resp: 301128

Ion Ratio Lower Upper

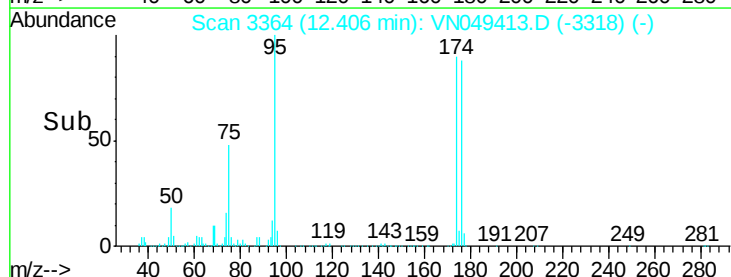
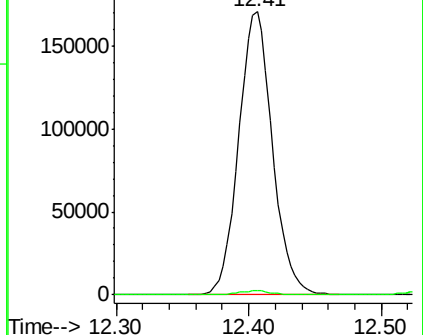
75 100

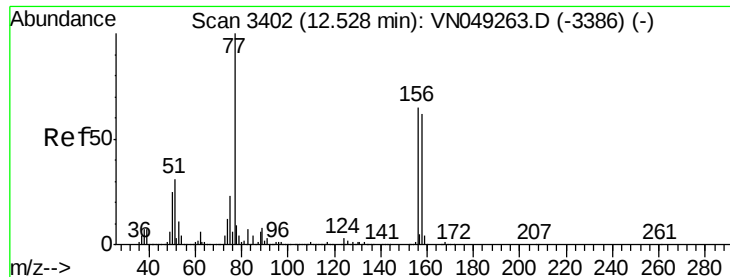
77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 77.00 (76.70 to 77.70): VNC





#77

Bromobenzene

Concen: 0.27 ug/l

RT: 12.53 min Scan# 3403

Delta R.T. 0.00 min

Lab File: VN049413.D

Acq: 20 Jun 2018 4:04

Instrument :

MSVOA_N

ClientSampleId :

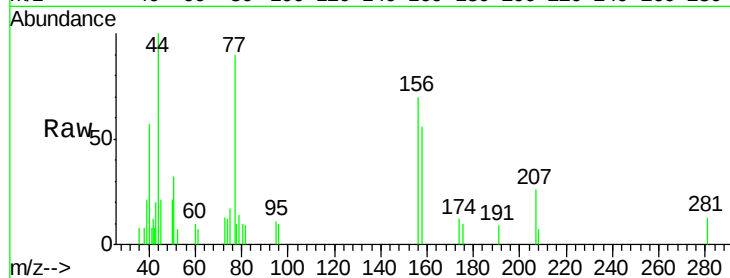
Tot Ion:156 Resp: 2535

Ion Ratio Lower Upper

156 100

77 182.9 100.8 302.4

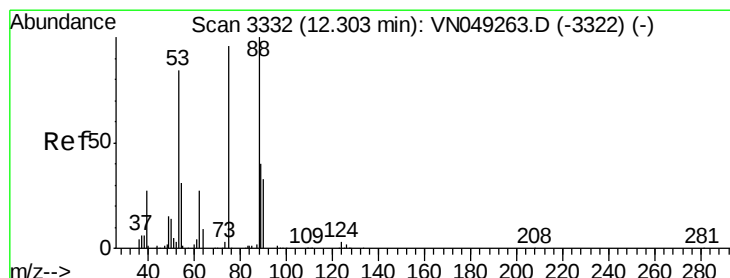
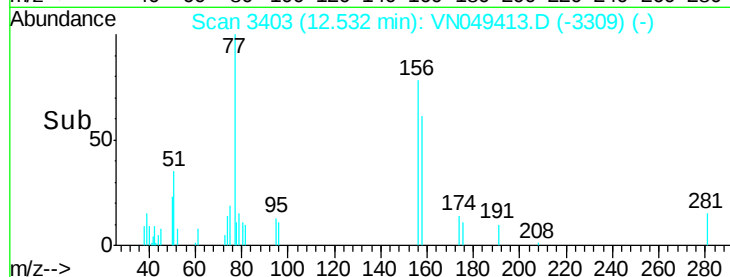
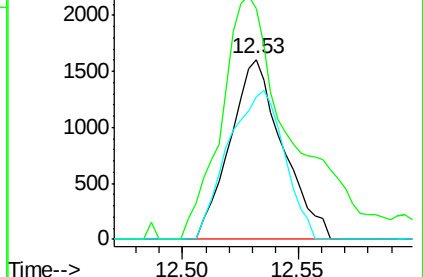
158 88.2 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VNO

Ion 157.80 (157.50 to 158.50): V



#81

trans-1,4-Dichloro-2-butene

Concen: 136.59 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.10 min

Lab File: VN049413.D

Acq: 20 Jun 2018 4:04

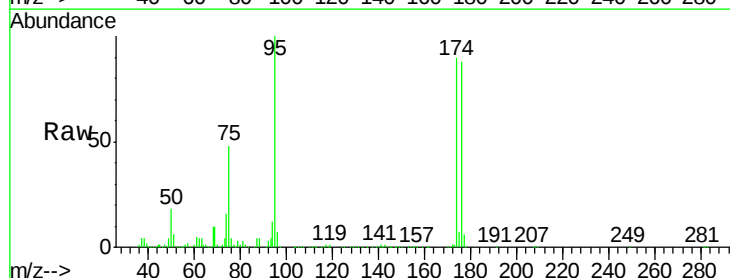
Tgt Ion: 75 Resp: 301128

Ion Ratio Lower Upper

75 100

53 0.2 82.7 124.1#

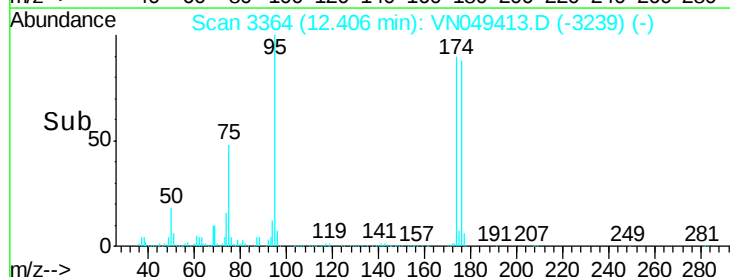
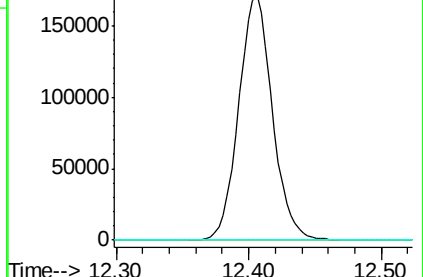
89 0.0 36.5 54.7#

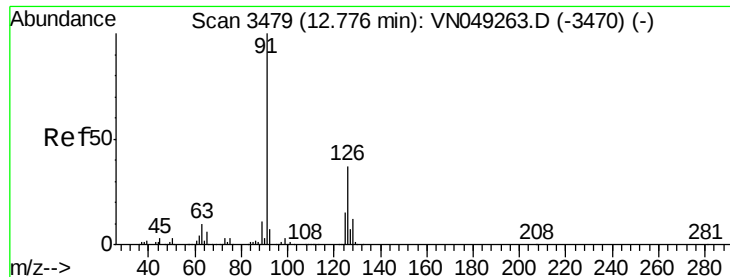


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#82

4-Chlorotoluene

Concen: 0.25 ug/l

RT: 12.78 min Scan# 3480

Delta R.T. 0.00 min

Lab File: VN049413.D

Acq: 20 Jun 2018 4:04

Instrument :

MSVOA_N

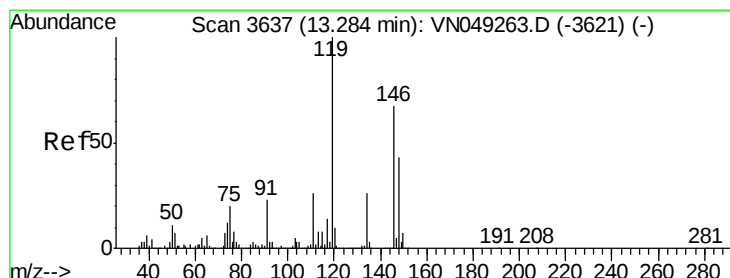
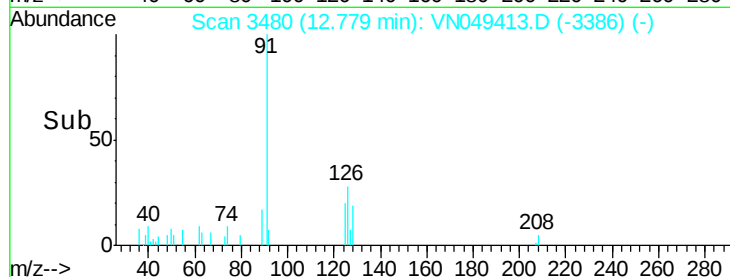
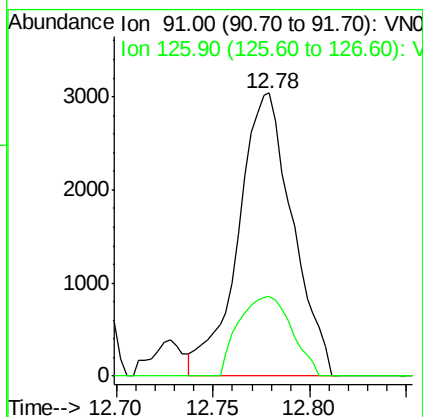
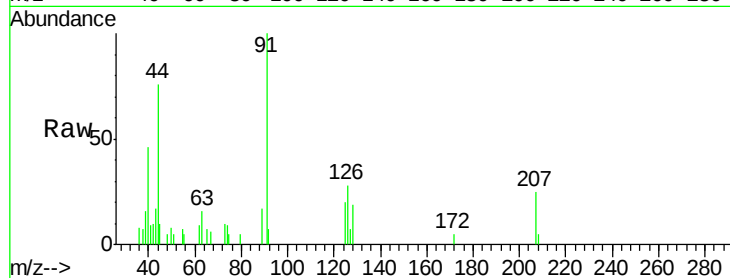
ClientSampleId :

Tot Ion: 91 Resp: 5938

Ion Ratio Lower Upper

91 100

126 27.5 16.4 49.1



#87

1,3-Dichlorobenzene

Concen: 0.31 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. 0.01 min

Lab File: VN049413.D

Acq: 20 Jun 2018 4:04

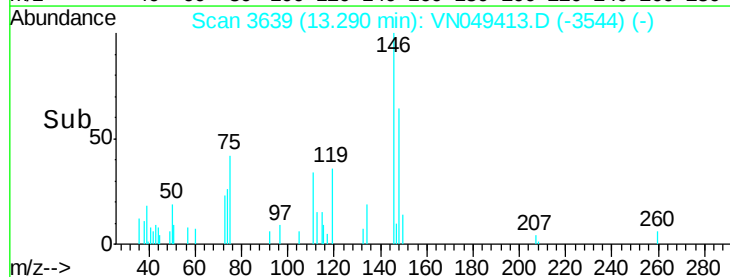
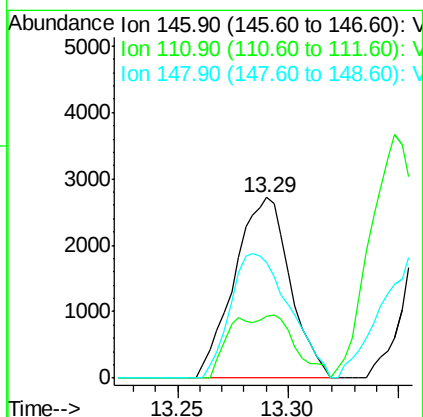
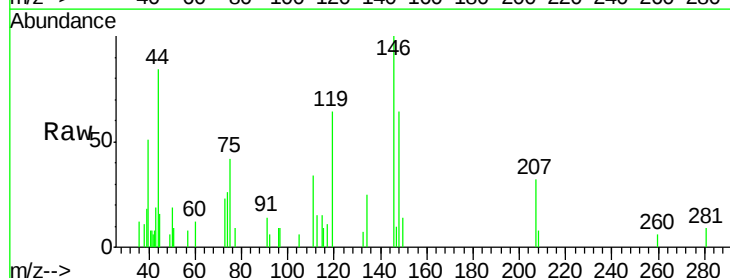
Tgt Ion: 146 Resp: 4768

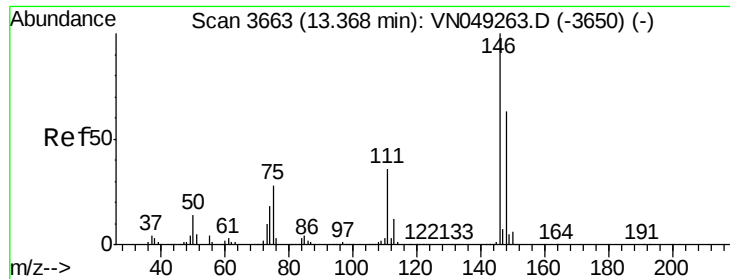
Ion Ratio Lower Upper

146 100

111 17.2 19.9 59.6#

148 72.8 32.1 96.5

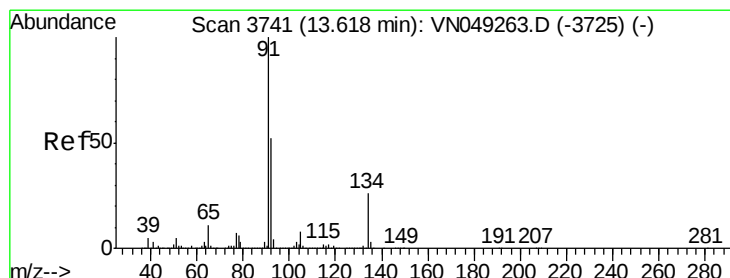
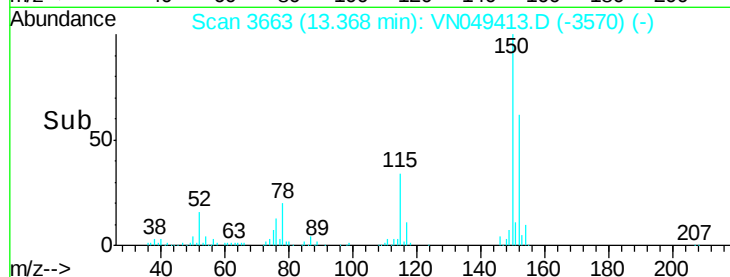
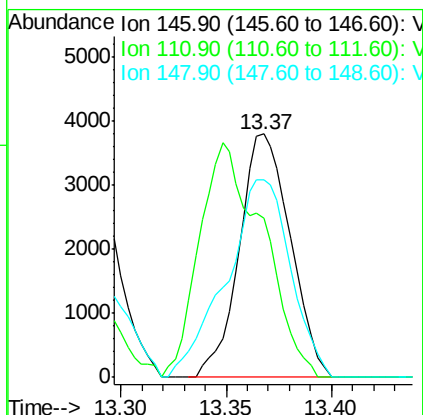
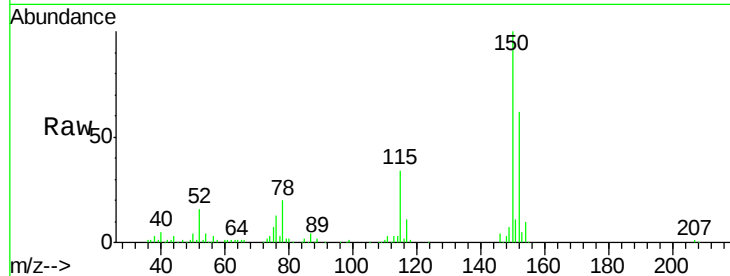




#88
 1,4-Dichlorobenzene
 Concen: 0.42 ug/l
 RT: 13.37 min Scan# 3663
 Delta R.T. -0.00 min
 Lab File: VN049413.D
 Acq: 20 Jun 2018 4:04

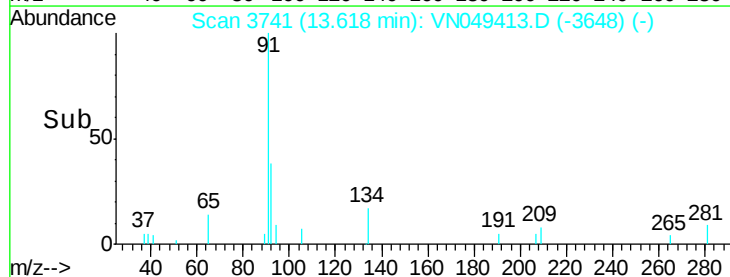
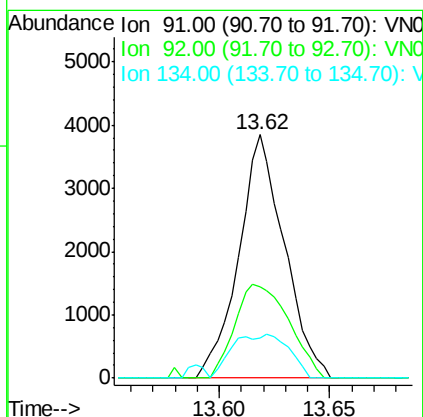
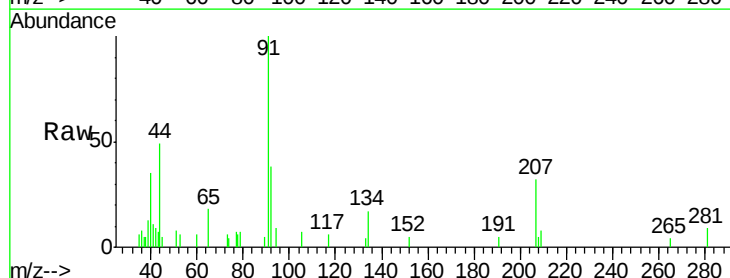
Instrument :
 MSVOA_N
 ClientSampled :

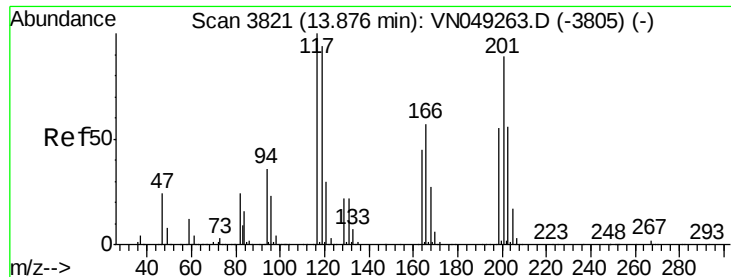
Tot Ion:146 Resp: 6409
 Ion Ratio Lower Upper
 146 100
 111 119.3 19.1 57.1#
 148 102.2 32.0 96.2#



#89
 n-Butylbenzene
 Concen: 0.25 ug/l
 RT: 13.62 min Scan# 3741
 Delta R.T. -0.00 min
 Lab File: VN049413.D
 Acq: 20 Jun 2018 4:04

Tgt Ion: 91 Resp: 5529
 Ion Ratio Lower Upper
 91 100
 92 45.5 25.1 75.4
 134 9.9 12.0 36.0#





#90

Hexachloroethane

Concen: Below Cal

RT: 13.87 min Scan# 3820

Delta R.T. -0.00 min

Lab File: VN049413.D

Acq: 20 Jun 2018 4:04

Instrument :

MSVOA_N

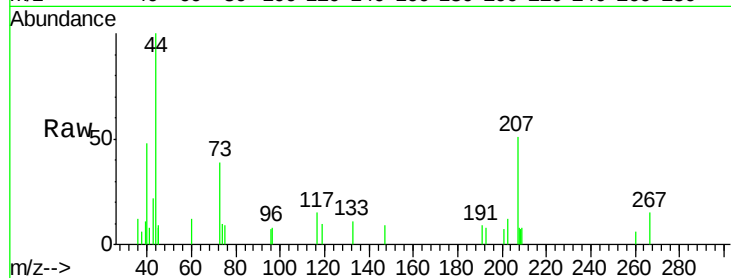
ClientSampleId :

Tot Ion:117 Resp: 408

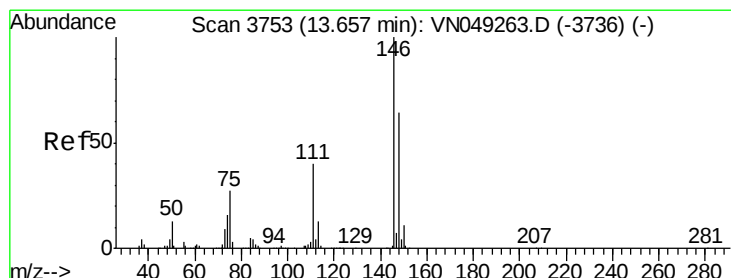
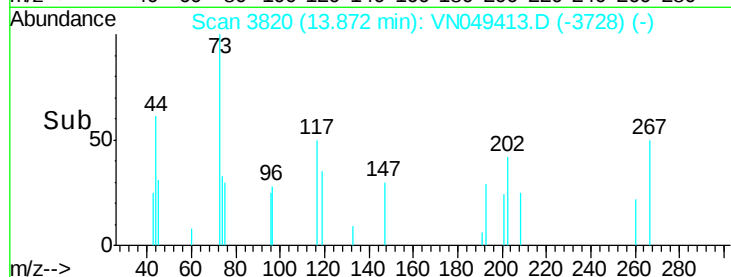
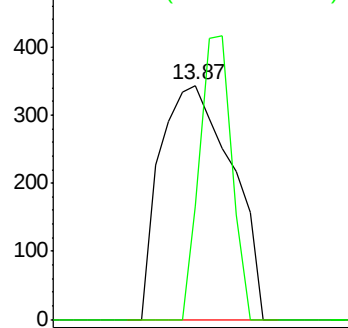
Ion Ratio Lower Upper

117 100

201 54.4 40.1 120.2



Abundance Ion 116.80 (116.50 to 117.50): V



#91

1,2-Dichlorobenzene

Concen: 0.31 ug/l

RT: 13.66 min Scan# 3754

Delta R.T. 0.00 min

Lab File: VN049413.D

Acq: 20 Jun 2018 4:04

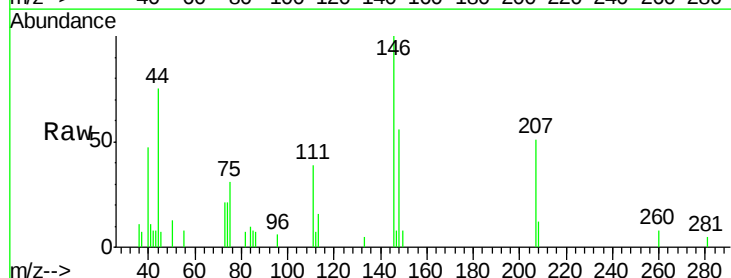
Tgt Ion:146 Resp: 4794

Ion Ratio Lower Upper

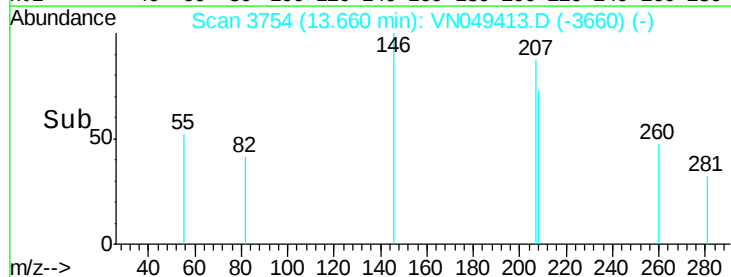
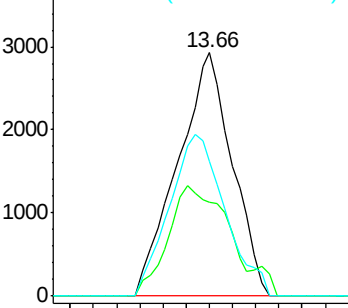
146 100

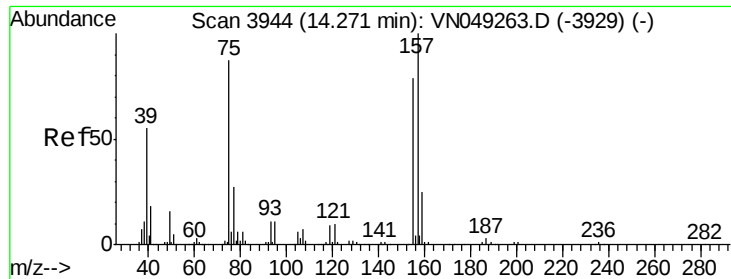
111 51.6 20.8 62.2

148 67.6 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

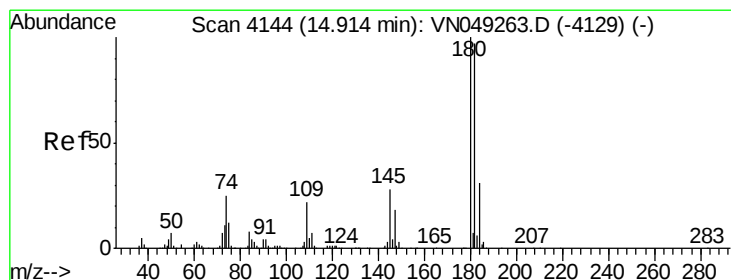
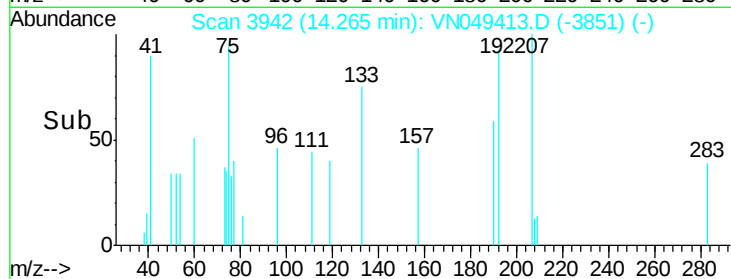
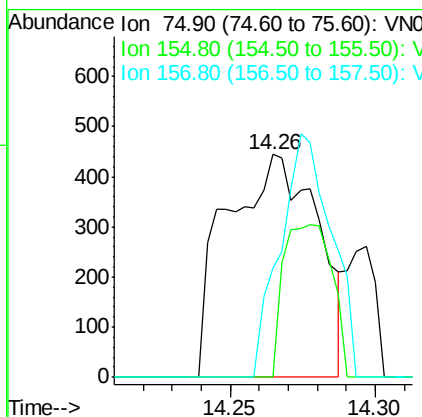
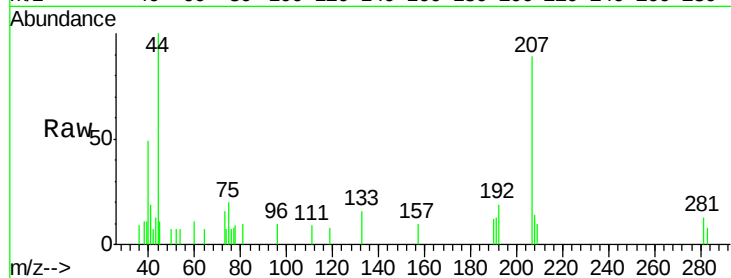




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.78 ug/l
 RT: 14.26 min Scan# 3942
 Delta R.T. -0.01 min
 Lab File: VN049413.D
 Acq: 20 Jun 2018 4:04

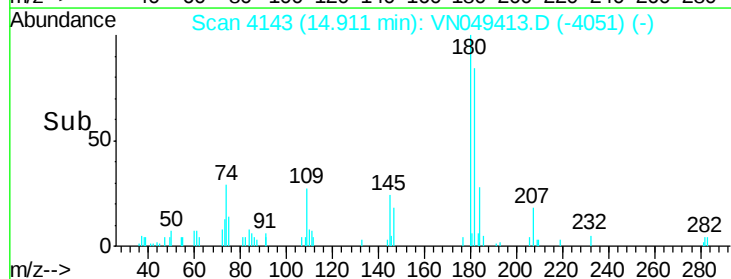
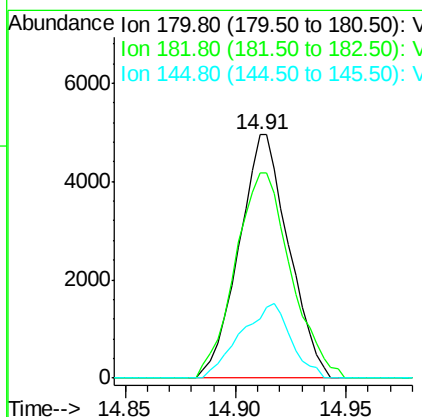
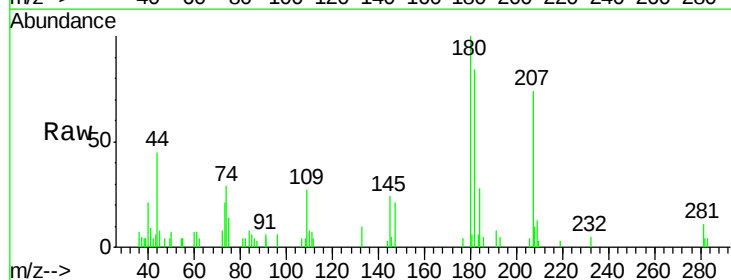
Instrument :
 MSVOA_N
 ClientSampled :

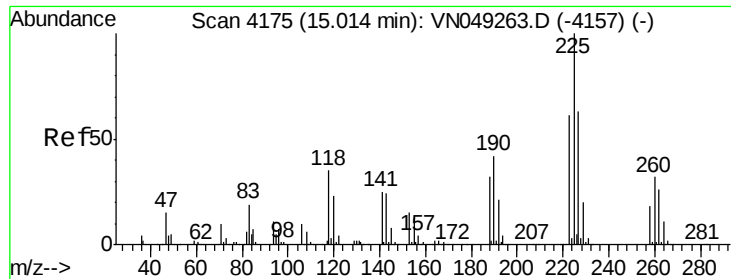
Tot Ion: 75 Resp: 975
 Ion Ratio Lower Upper
 75 100
 155 36.1 38.8 116.3#
 157 61.0 51.0 153.1



#93
 1,2,4-Trichlorobenzene
 Concen: 5.74 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. -0.00 min
 Lab File: VN049413.D
 Acq: 20 Jun 2018 4:04

Tgt Ion: 180 Resp: 7740
 Ion Ratio Lower Upper
 180 100
 182 94.0 46.9 140.8
 145 30.9 14.7 44.1





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4175

Delta R.T. 0.00 min

Lab File: VN049413.D

Acq: 20 Jun 2018 4:04

Instrument :

MSVOA_N

ClientSampled :

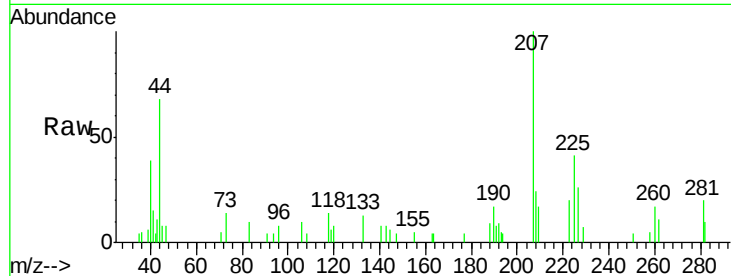
Tot Ion:225 Resp: 2741

Ion Ratio Lower Upper

225 100

223 48.5 32.1 96.3

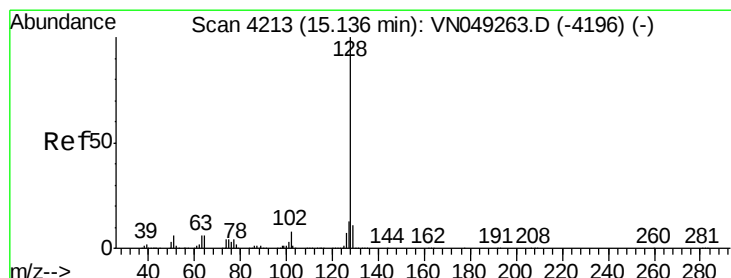
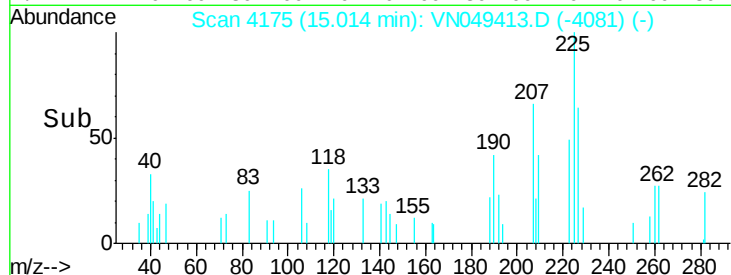
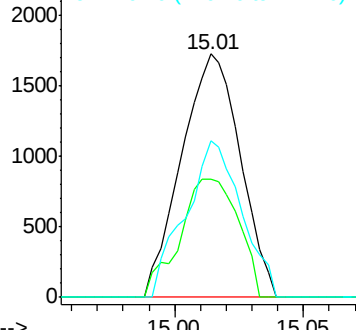
227 61.5 31.8 95.3



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: 3.55 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049413.D

Acq: 20 Jun 2018 4:04

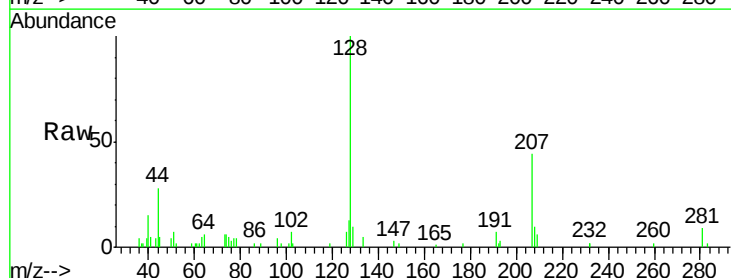
Tgt Ion:128 Resp: 16674

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

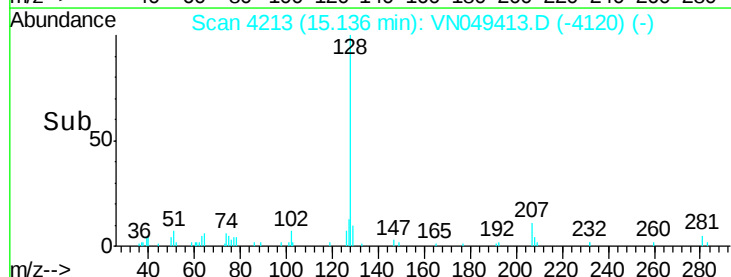
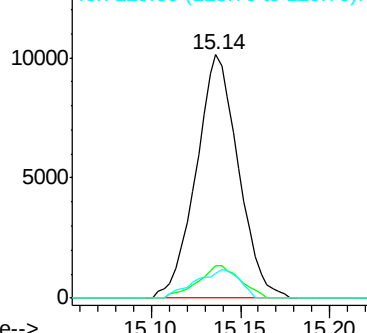
129 12.2 8.5 12.7

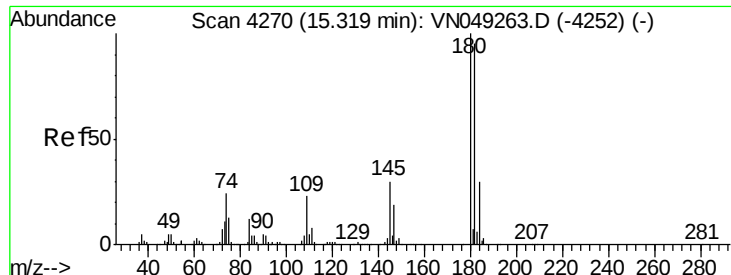


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

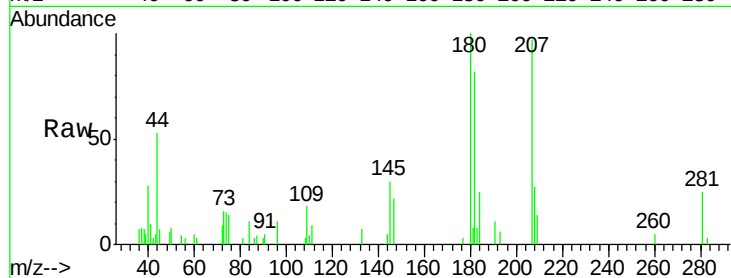




#96
 1,2,3-Trichlorobenzene
 Concen: 4.64 ug/l
 RT: 15.32 min Scan# 4271
 Delta R.T. 0.00 min
 Lab File: VN049413.D
 Acq: 20 Jun 2018 4:04

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	89.3	47.3	141.8
145	31.5	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

