

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062018\
 Data File : VN049447.D
 Acq On : 20 Jun 2018 20:04
 Operator : MD\SY
 Sample : J3245-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 21 01:32:14 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	1166761	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1868419	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1550707	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	517590	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	790028	51.05	ug/l	0.00
Spiked Amount			Recovery	=	102.10%	
35) Dibromofluoromethane	7.59	113	694414	45.94	ug/l	0.00
Spiked Amount			Recovery	=	91.88%	
50) Toluene-d8	10.09	98	2543481	44.19	ug/l	0.00
Spiked Amount			Recovery	=	88.38%	
62) 4-Bromofluorobenzene	12.41	95	691613	36.34	ug/l	0.00
Spiked Amount			Recovery	=	72.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	3613	0.21	ug/l	91
5) Bromomethane	2.57	94	2782	0.29	ug/l	98
8) Diethyl Ether	3.41	74	13173	1.64	ug/l	94
11) Tert butyl alcohol	4.79	59	661	0.73	ug/l #	58
13) Acrolein	3.61	56	377	0.40	ug/l #	24
16) Acetone	3.83	43	35665	9.49	ug/l	97
18) Methyl Acetate	4.33	43	104092	9.09	ug/l	93
20) Methylene Chloride	4.55	84	89579	5.71	ug/l	90
25) 2-Butanone	6.84	43	7007	1.39	ug/l #	87
30) Chloroform	7.38	83	27290	1.02	ug/l	87
31) Cyclohexane	7.66	56	21030	0.75	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	82642	3.86	ug/l #	50
38) Carbon Tetrachloride	7.67	117	106572	4.81	ug/l #	17
43) Isopropyl Acetate	8.23	43	1151383	51.76	ug/l #	64
44) Trichloroethene	8.84	130	17364	1.00	ug/l	88
47) Bromodichloromethane	9.41	83	11115	0.51	ug/l #	91
49) 1,4-Dioxane	9.21	88	275	1.90	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	3683	0.32	ug/l #	81
60) Dibromochloromethane	10.90	129	3577	0.22	ug/l	96
65) Chlorobenzene	11.44	112	11418	0.29	ug/l	95
68) m/p-Xylenes	11.62	106	24177	0.97	ug/l	94
69) o-Xylene	11.95	106	10126	0.42	ug/l	99
71) Bromoform	12.41	173	5384	0.55	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.51	83	150	Below	Cal #	26
76) 1,2,3-Trichloropropane	12.41	75	329579	37.32	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.41	75	329579	117.95	ug/l #	9
84) 1,2,4-Trimethylbenzene	13.04	105	9713	0.27	ug/l	99
90) Hexachloroethane	13.88	117	622	Below	Cal #	9
93) 1,2,4-Trichlorobenzene	14.92	180	613	4.81	ug/l	63
94) Hexachlorobutadiene	15.02	225	74	Below	Cal #	18
95) Naphthalene	15.14	128	595244	39.37	ug/l	99
96) 1,2,3-Trichlorobenzene	15.33	180	223	3.48	ug/l #	13

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MSVOA_N
ClientSampleId :

Quant Time: Jun 21 01:32:14 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

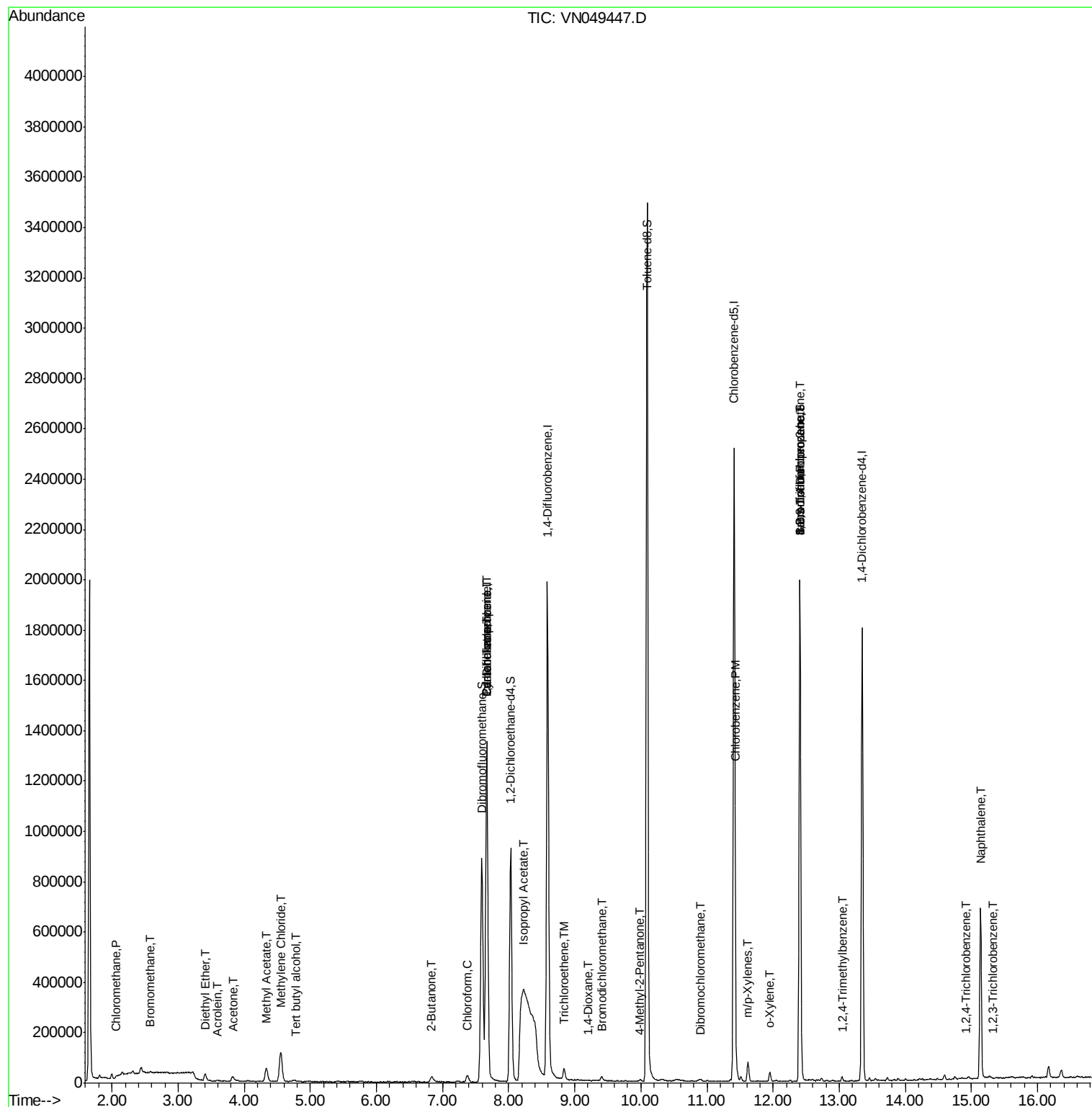
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

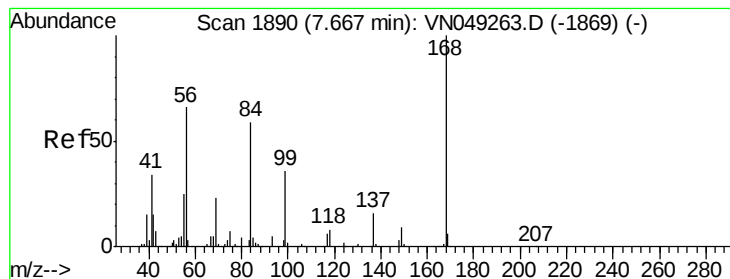
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062018\
Data File : VN049447.D
Acq On : 20 Jun 2018 20:04
Operator : MD\SY
Sample : J3245-12
Misc : 5.00mL/MSVOA N/WATER
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049447.D

Acq: 20 Jun 2018 20:04

Instrument :

MSVOA_N

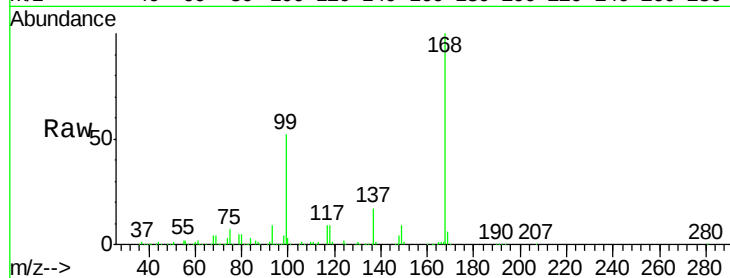
ClientSampleId :

Tot Ion:168 Resp: 1166761

Ion Ratio Lower Upper

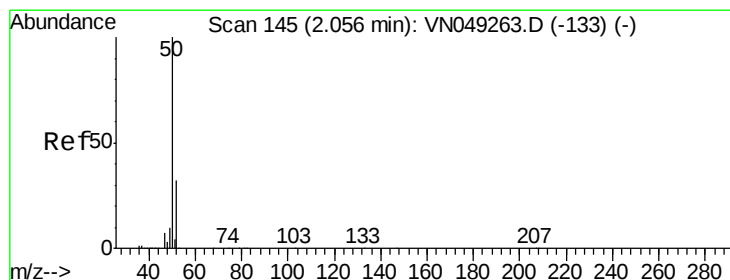
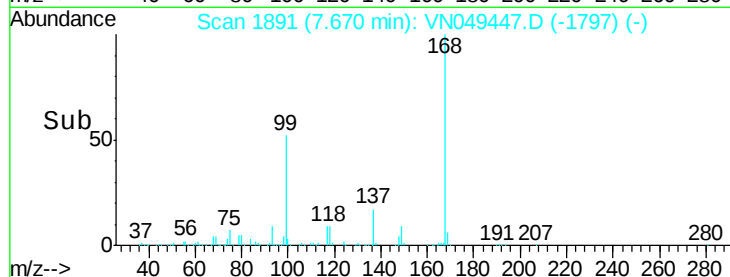
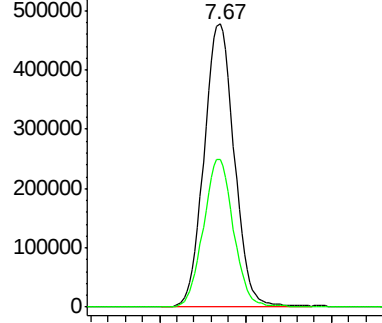
168 100

99 52.2 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#3

Chloromethane

Concen: 0.21 ug/l

RT: 2.06 min Scan# 145

Delta R.T. -0.00 min

Lab File: VN049447.D

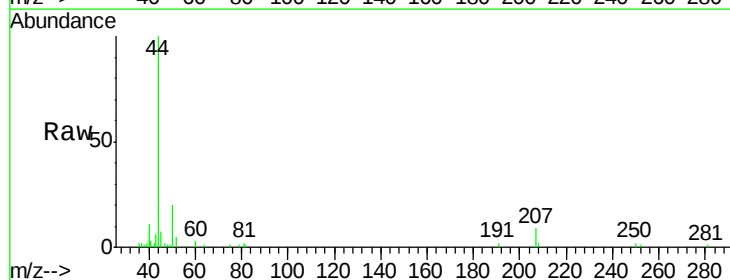
Acq: 20 Jun 2018 20:04

Tgt Ion: 50 Resp: 3613

Ion Ratio Lower Upper

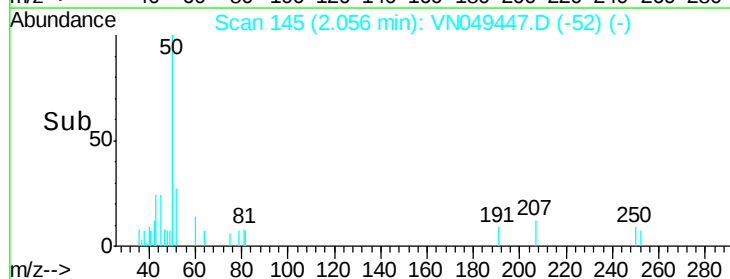
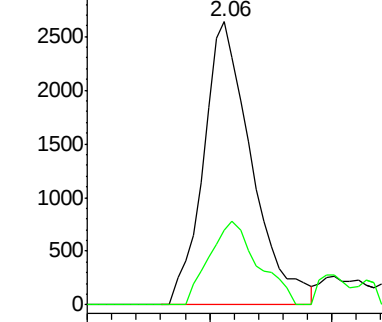
50 100

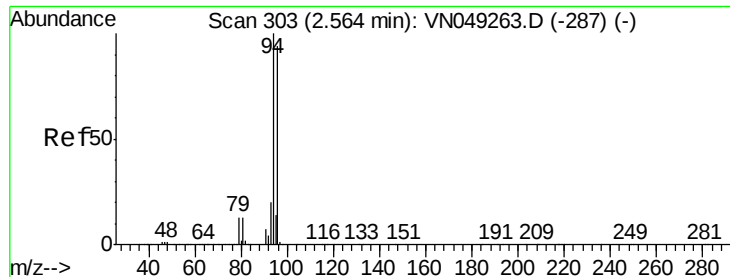
52 26.6 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO





#5

Bromomethane

Concen: 0.29 ug/l

RT: 2.57 min Scan# 306

Delta R.T. 0.01 min

Lab File: VN049447.D

Acq: 20 Jun 2018 20:04

Instrument :

MSVOA_N

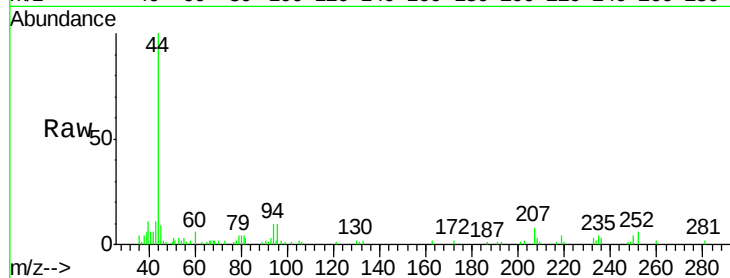
ClientSampled :

Tot Ion: 94 Resp: 2782

Ion Ratio Lower Upper

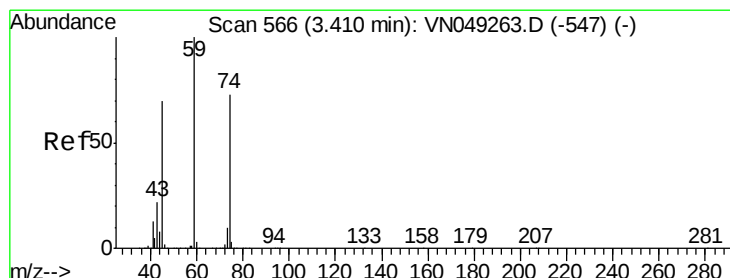
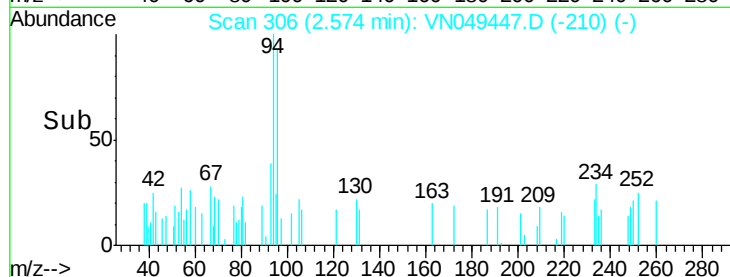
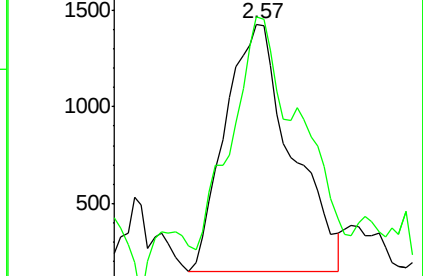
94 100

96 92.7 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#8

Diethyl Ether

Concen: 1.64 ug/l

RT: 3.41 min Scan# 565

Delta R.T. -0.00 min

Lab File: VN049447.D

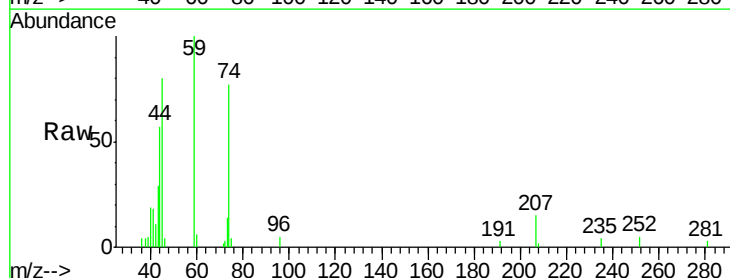
Acq: 20 Jun 2018 20:04

Tgt Ion: 74 Resp: 13173

Ion Ratio Lower Upper

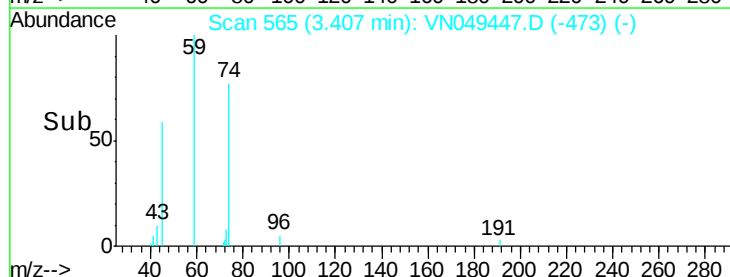
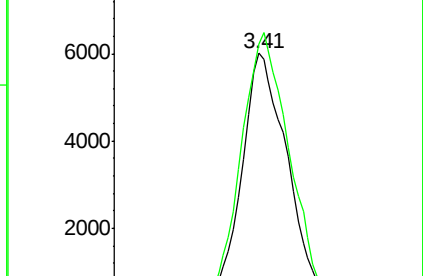
74 100

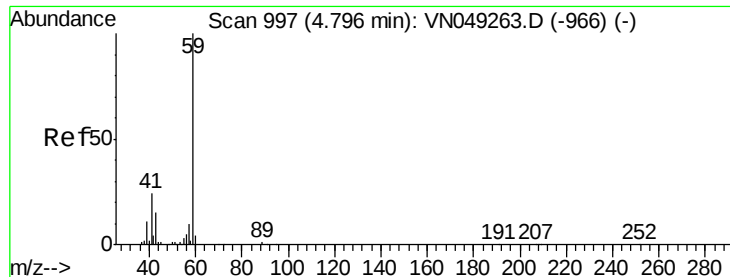
45 110.2 51.9 155.8



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



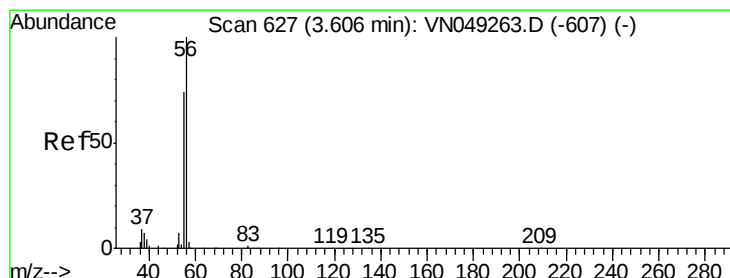
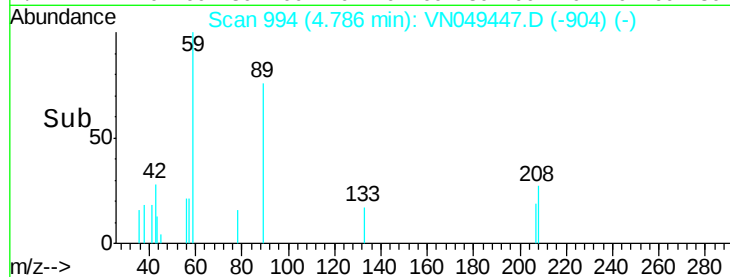
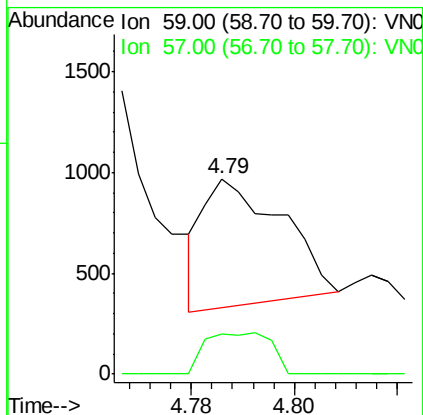
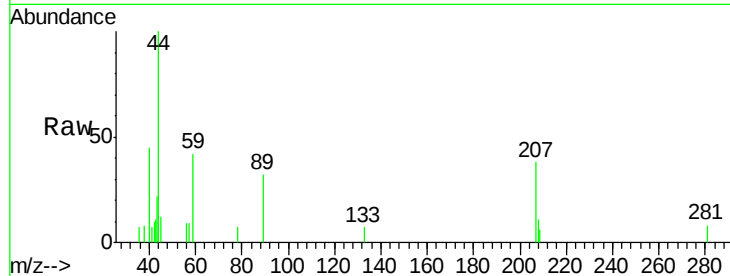


#11

Tert butyl alcohol
 Concen: 0.73 ug/l
 RT: 4.79 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: VN049447.D
 Acq: 20 Jun 2018 20:04

Instrument :
 MSVOA_N
 ClientSampled :

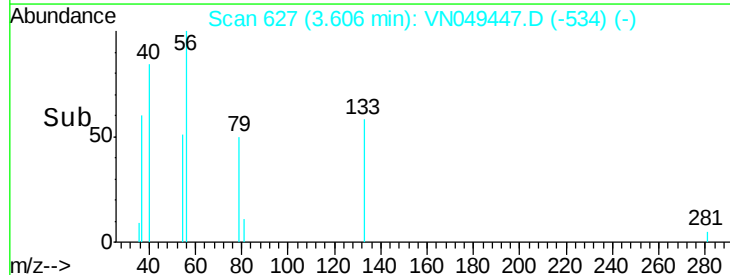
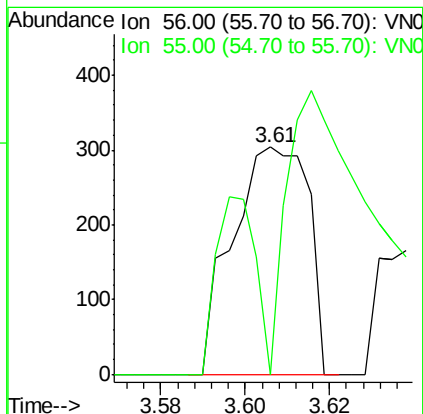
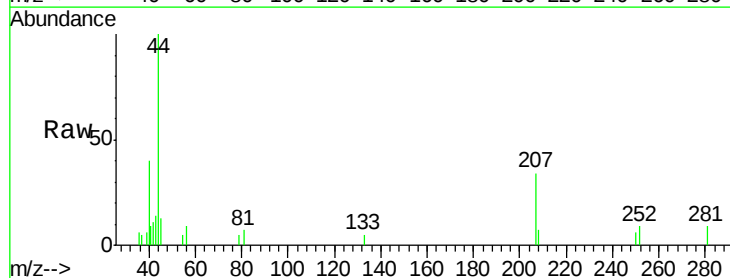
Tot Ion: 59 Resp: 661
 Ion Ratio Lower Upper
 59 100
 57 27.4 9.0 13.6#

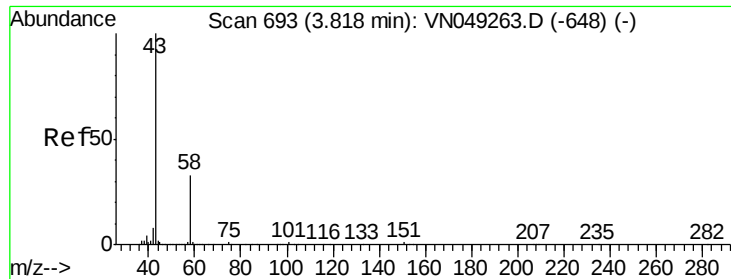


#13

Acrolein
 Concen: 0.40 ug/l
 RT: 3.61 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: VN049447.D
 Acq: 20 Jun 2018 20:04

Tgt Ion: 56 Resp: 377
 Ion Ratio Lower Upper
 56 100
 55 134.2 57.1 85.7#





#16

Acetone

Concen: 9.49 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049447.D

Acq: 20 Jun 2018 20:04

Instrument :

MSVOA_N

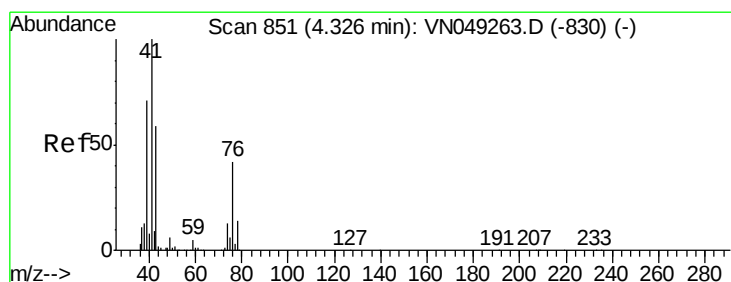
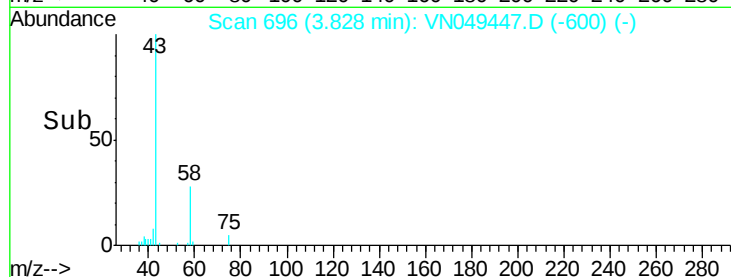
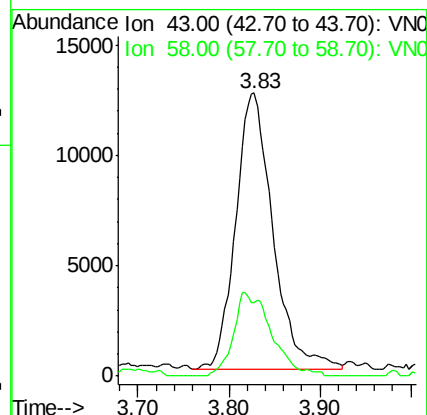
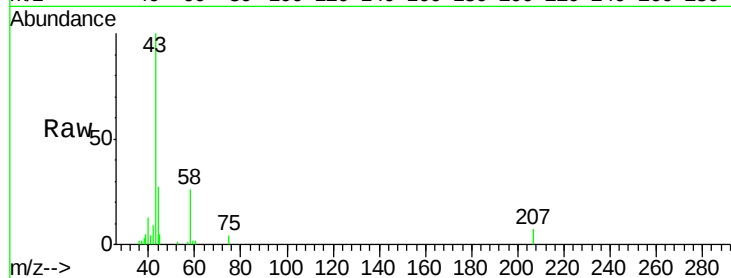
ClientSampleId :

Tot Ion: 43 Resp: 35665

Ion Ratio Lower Upper

43 100

58 26.6 22.4 33.6



#18

Methyl Acetate

Concen: 9.09 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.01 min

Lab File: VN049447.D

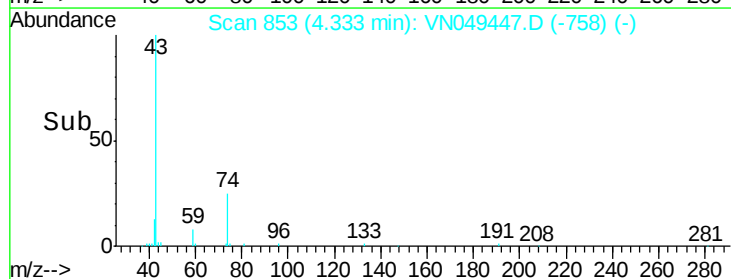
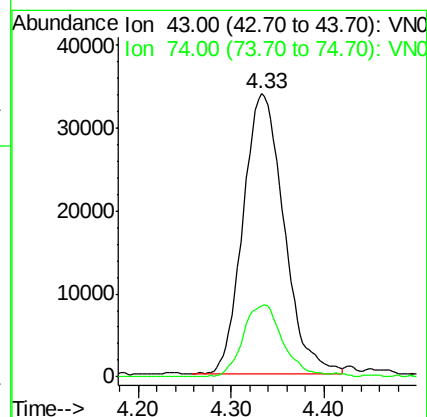
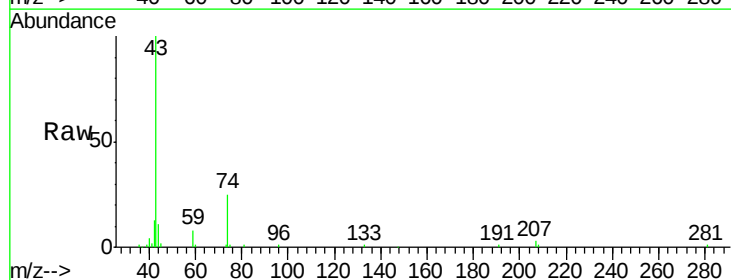
Acq: 20 Jun 2018 20:04

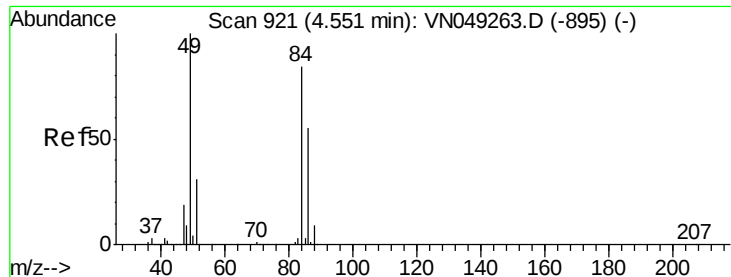
Tgt Ion: 43 Resp: 104092

Ion Ratio Lower Upper

43 100

74 24.9 17.4 26.0

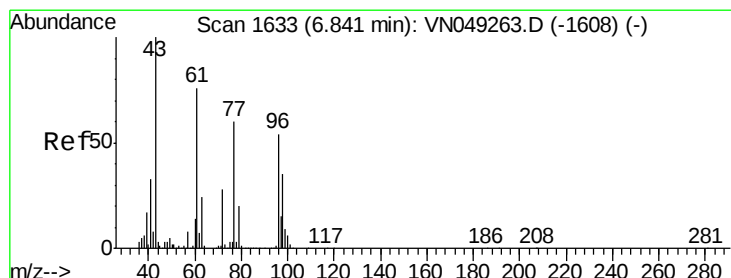
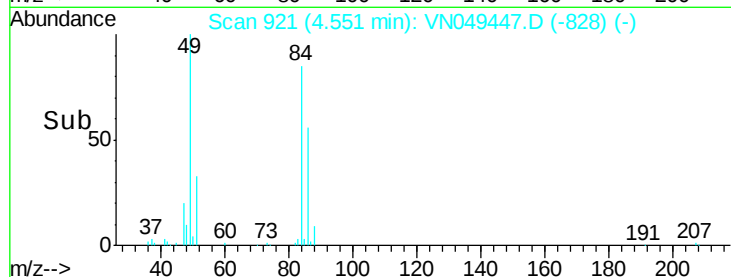
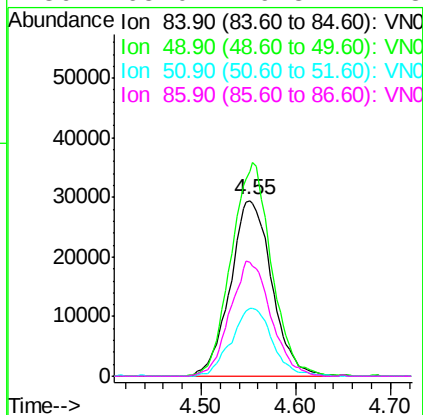
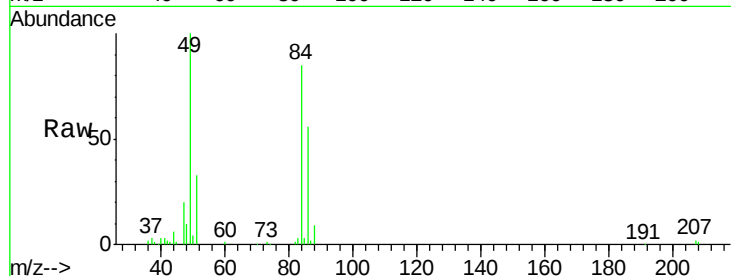




#20
Methvlene Chloride
Concen: 5.71 ug/l
RT: 4.55 min Scan# 921
Delta R.T. -0.00 min
Lab File: VN049447.D
Acq: 20 Jun 2018 20:04

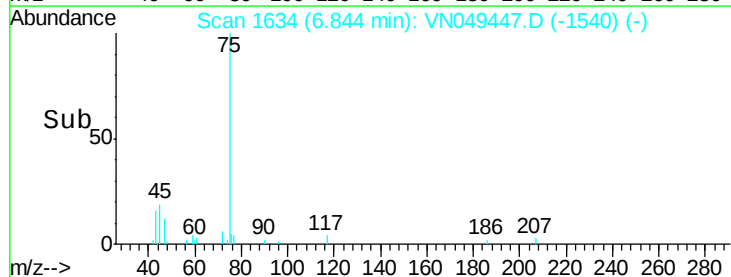
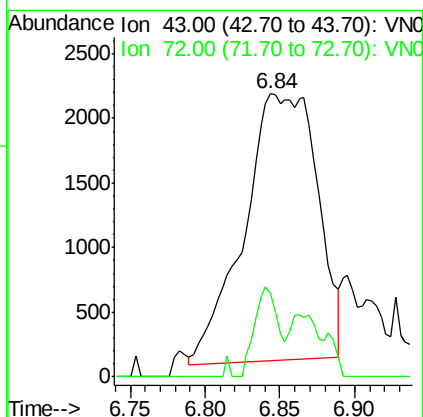
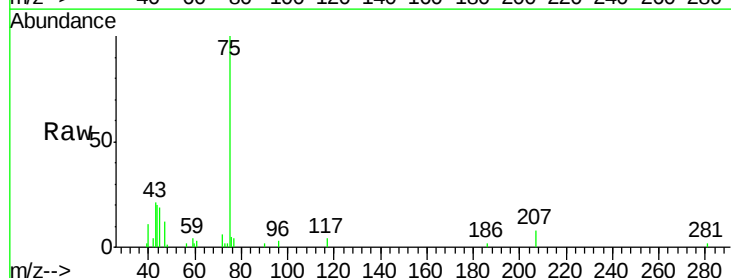
Instrument :
MSVOA_N
ClientSampled :

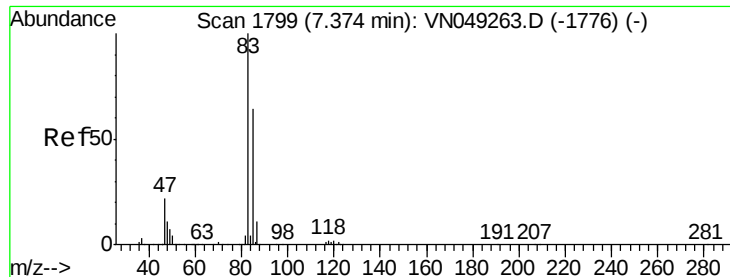
Tot Ion:	84	Resp:	89579
Ion	Ratio	Lower	Upper
84	100		
49	116.2	106.9	160.3
51	38.8	32.7	49.1
86	65.0	49.8	74.8



#25
2-Butanone
Concen: 1.39 ug/l
RT: 6.84 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VN049447.D
Acq: 20 Jun 2018 20:04

Tgt Ion:	43	Resp:	7007
Ion	Ratio	Lower	Upper
43	100		
72	31.8	20.2	30.2#

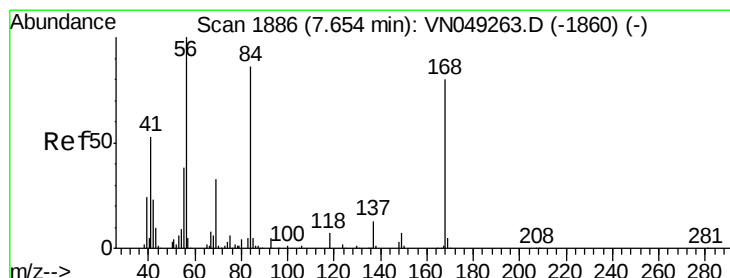
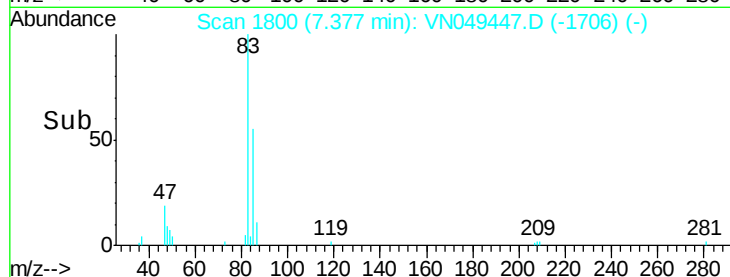
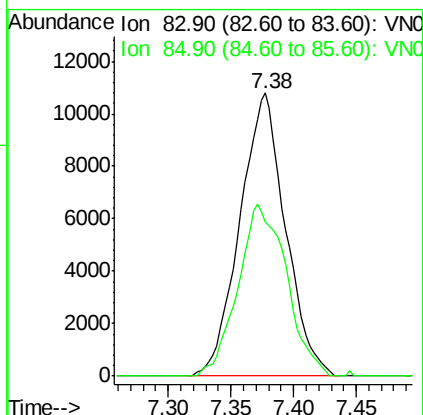
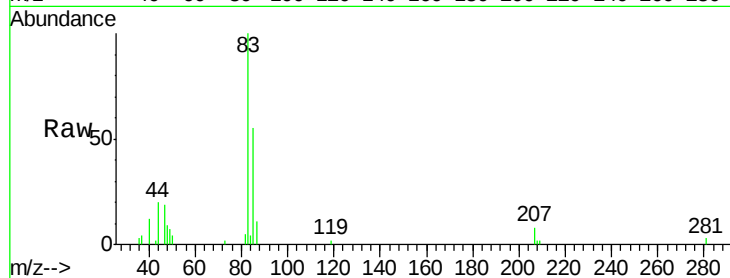




#30
Chloroform
Concen: 1.02 ug/l
RT: 7.38 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN049447.D
Acq: 20 Jun 2018 20:04

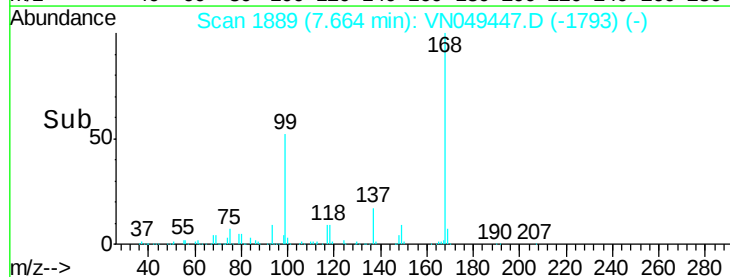
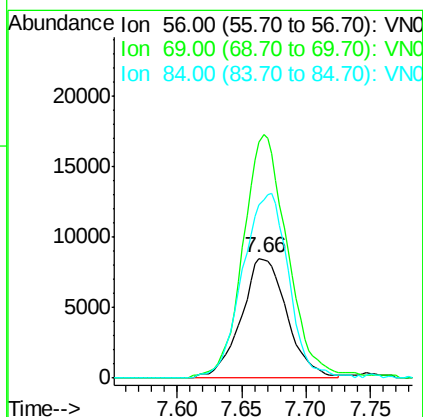
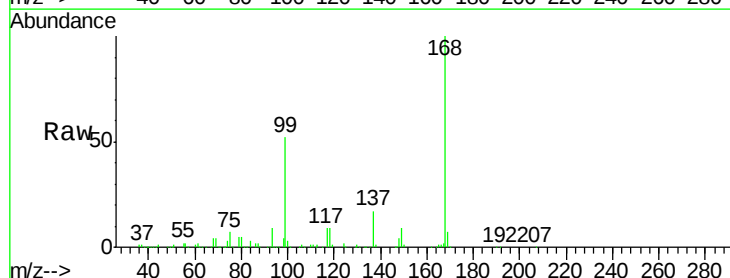
Instrument :
MSVOA_N
ClientSampleId :

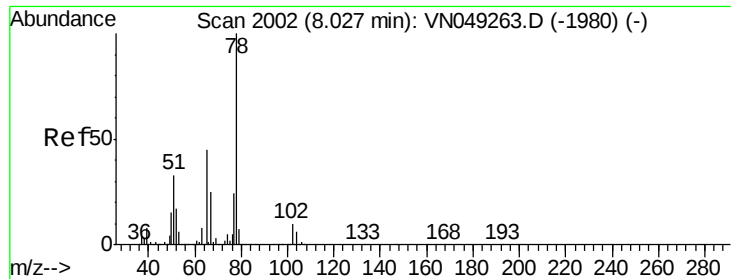
Tot Ion: 83 Resp: 27290
Ion Ratio Lower Upper
83 100
85 54.5 51.7 77.5



#31
Cyclohexane
Concen: 0.75 ug/l
RT: 7.66 min Scan# 1889
Delta R.T. 0.01 min
Lab File: VN049447.D
Acq: 20 Jun 2018 20:04

Tgt Ion: 56 Resp: 21030
Ion Ratio Lower Upper
56 100
69 196.5 25.0 37.4#
84 144.3 64.6 96.8#





#33

1,2-Dichloroethane-d4

Concen: 51.05 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049447.D

Acq: 20 Jun 2018 20:04

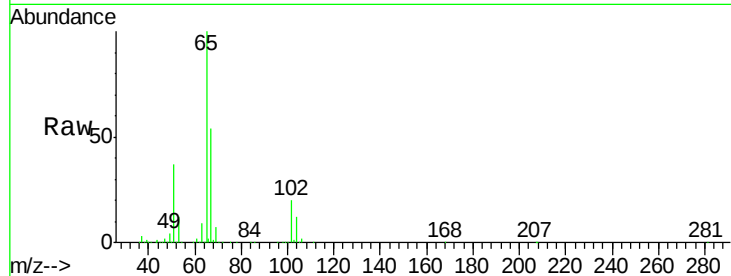
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 65 Resp: 790028

Ion Ratio Lower Upper

65 100

67 54.5 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN049447.D (-1909) (-)

Ion 66.90 (66.60 to 67.60): VN049447.D (-1909) (-)

8.03

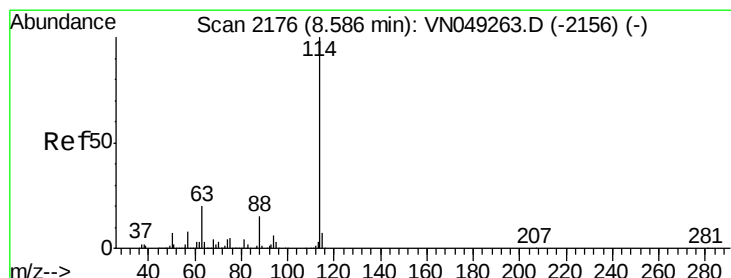
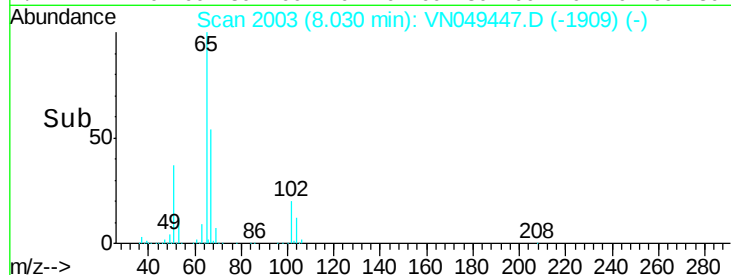
300000

200000

100000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN049447.D

Acq: 20 Jun 2018 20:04

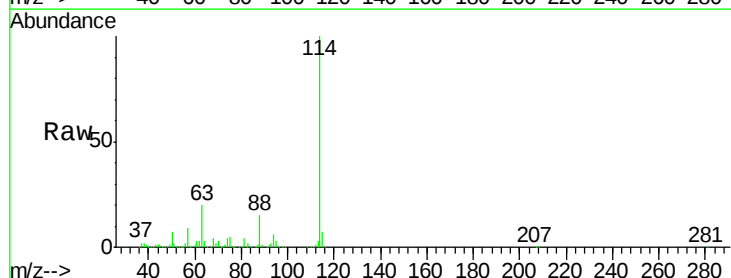
Tgt Ion: 114 Resp: 1868419

Ion Ratio Lower Upper

114 100

63 20.2 0.0 44.4

88 15.4 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN049447.D (-2083) (-)

Ion 63.00 (62.70 to 63.70): VN049447.D (-2083) (-)

Ion 87.90 (87.60 to 88.60): VN049447.D (-2083) (-)

8.59

1200000

1000000

800000

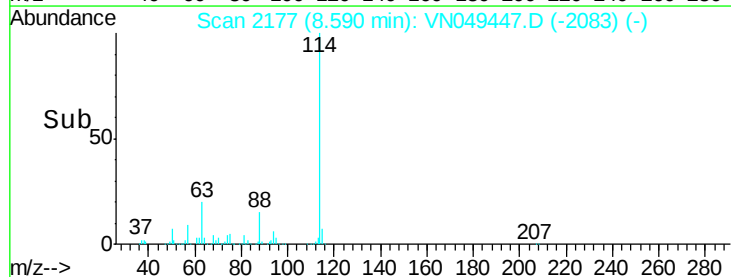
600000

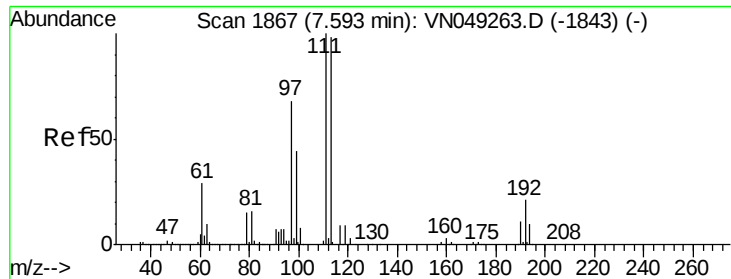
400000

200000

0

Time-->

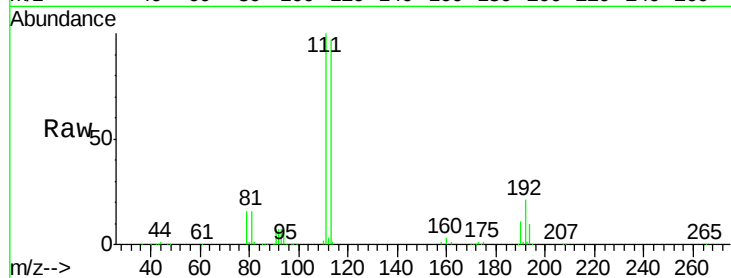




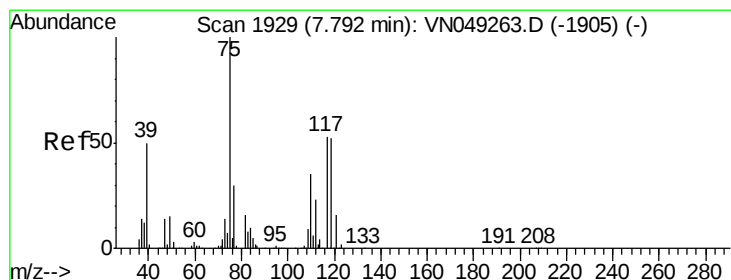
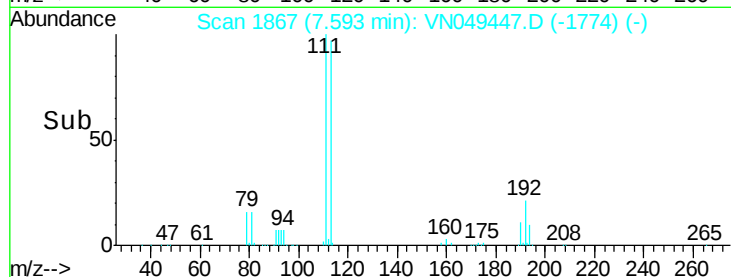
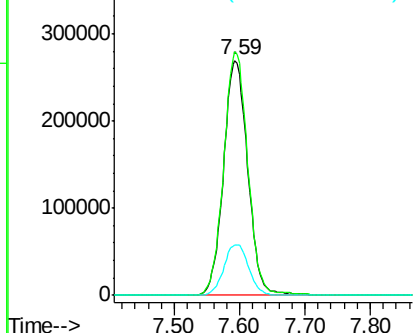
#35
 Dibromofluoromethane
 Concen: 45.94 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN049447.D
 Acq: 20 Jun 2018 20:04

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:113 Resp: 694414
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.4 123.6
 192 22.1 15.0 22.6

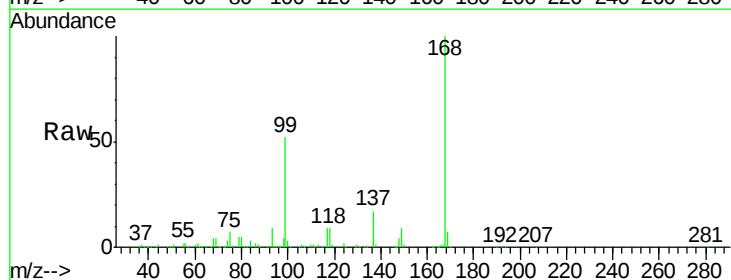


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

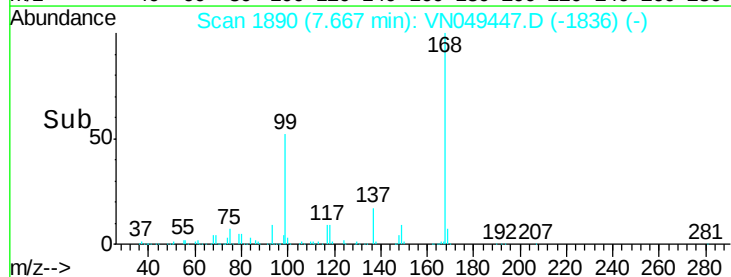
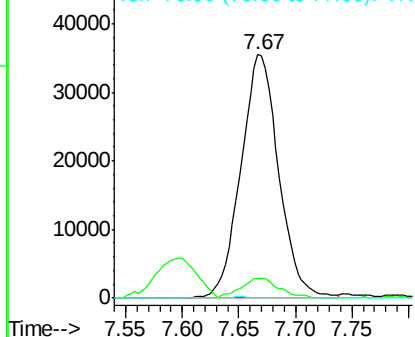


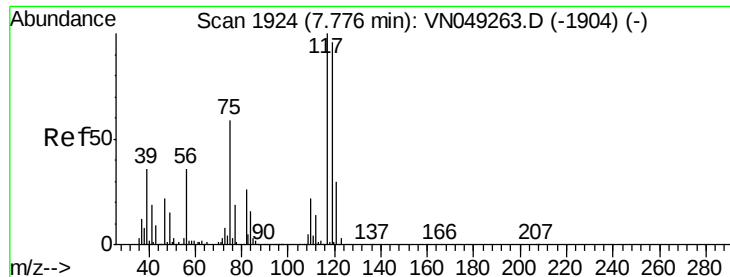
#36
 1,1-Dichloropropene
 Concen: 3.86 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN049447.D
 Acq: 20 Jun 2018 20:04

Tgt Ion: 75 Resp: 82642
 Ion Ratio Lower Upper
 75 100
 110 8.2 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

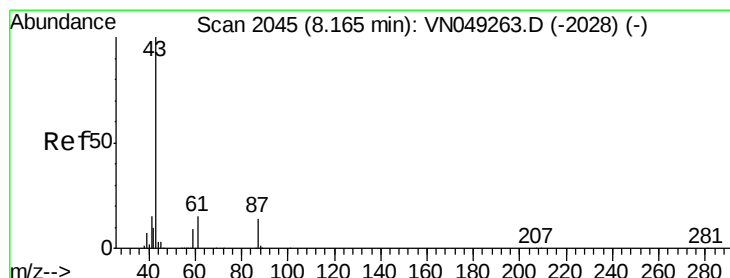
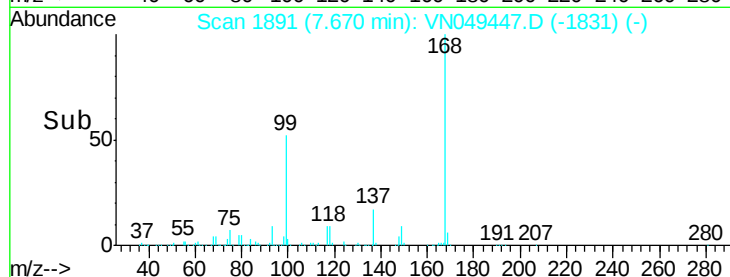
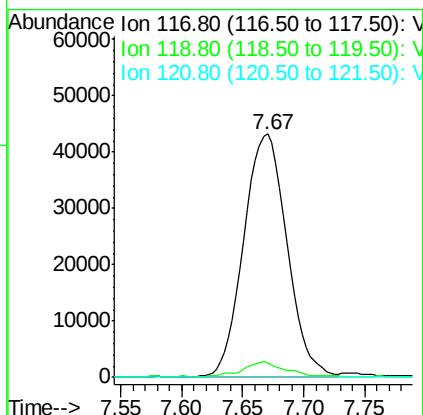
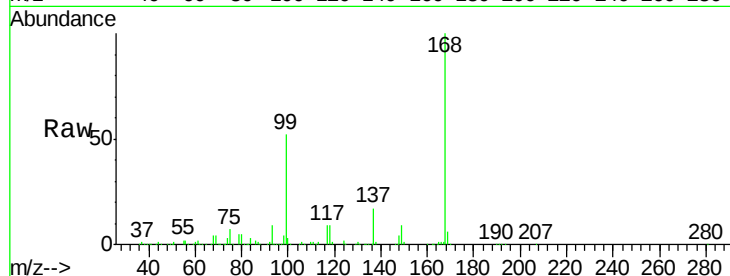




#38
Carbon Tetrachloride
Concen: 4.81 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. -0.11 min
Lab File: VN049447.D
Acq: 20 Jun 2018 20:04

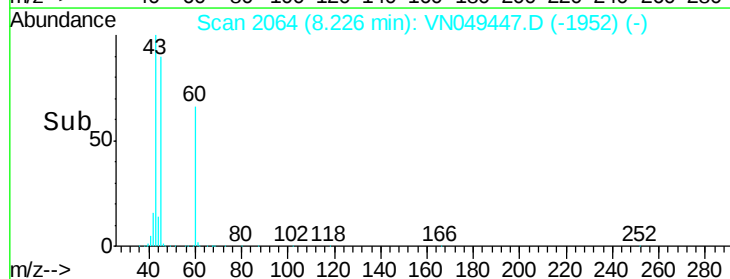
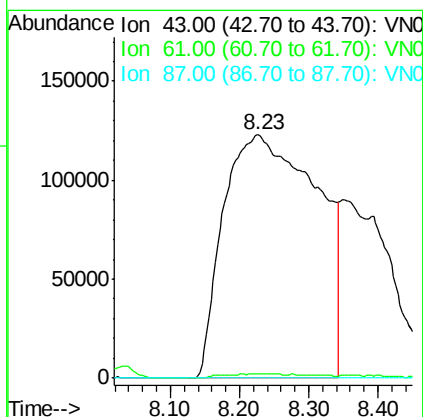
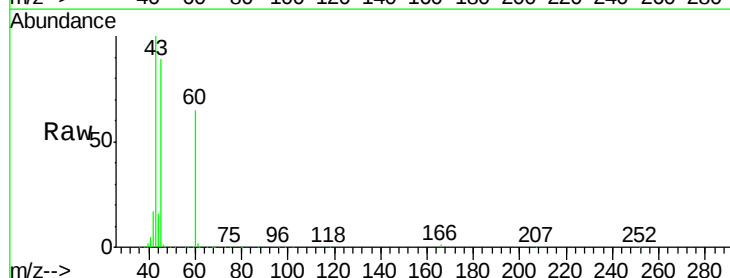
Instrument :
MSVOA_N
ClientSampled :

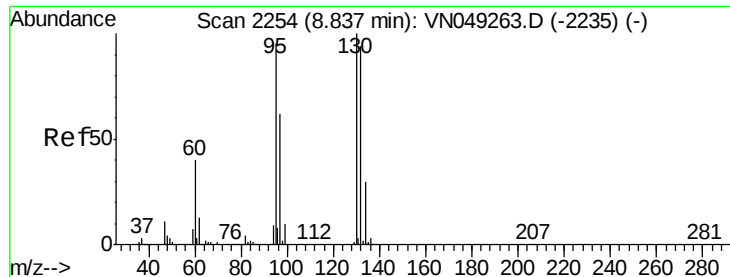
Tot Ion:117 Resp: 106572
Ion Ratio Lower Upper
117 100
119 5.8 75.6 113.4#
121 0.0 24.7 37.1#



#43
Isopropyl Acetate
Concen: 51.76 ug/l
RT: 8.23 min Scan# 2064
Delta R.T. 0.06 min
Lab File: VN049447.D
Acq: 20 Jun 2018 20:04

Tgt Ion: 43 Resp: 1151383
Ion Ratio Lower Upper
43 100
61 0.0 14.2 21.4#
87 0.0 9.4 14.0#





#44

Trichloroethene

Concen: 1.00 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. -0.00 min

Lab File: VN049447.D

Acq: 20 Jun 2018 20:04

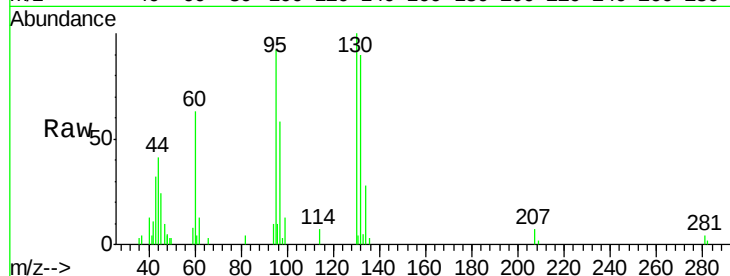
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:130 Resp: 17364

Ion Ratio Lower Upper

130 100

95 91.9 0.0 208.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN

8.84

Time-->

8.75 8.80 8.85 8.90

8.84

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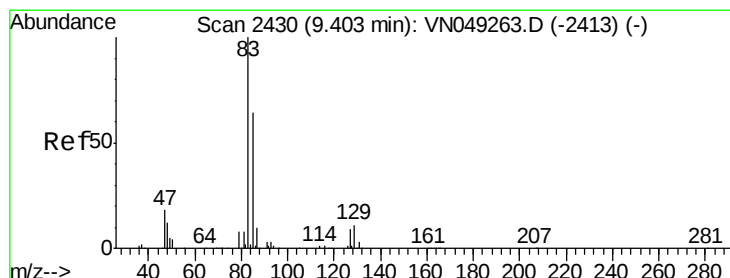
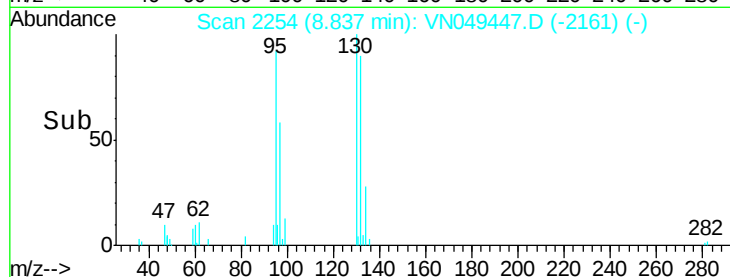
8.84

8.84

8.84

8.84

8.84



#47

Bromodichloromethane

Concen: 0.51 ug/l

RT: 9.41 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VN049447.D

Acq: 20 Jun 2018 20:04

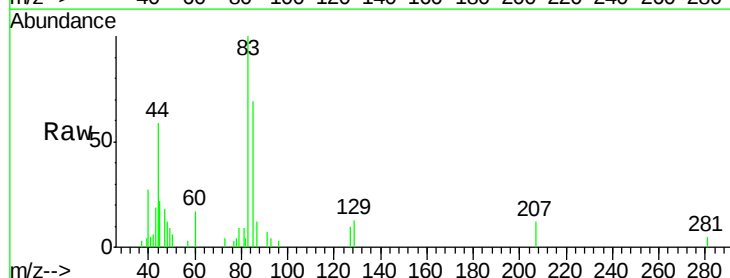
Tgt Ion: 83 Resp: 11115

Ion Ratio Lower Upper

83 100

85 68.9 49.4 74.0

127 10.3 6.3 9.5#



Abundance Ion 82.90 (82.60 to 83.60): VN

Ion 84.90 (84.60 to 85.60): VN

Ion 126.80 (126.50 to 127.50): V

9.41

Time-->

9.35 9.40 9.45

9.41

9.41

9.41

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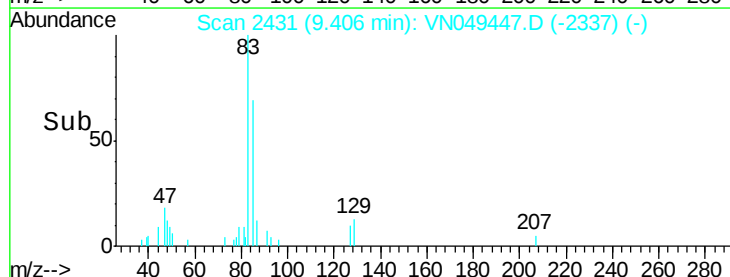
9.41

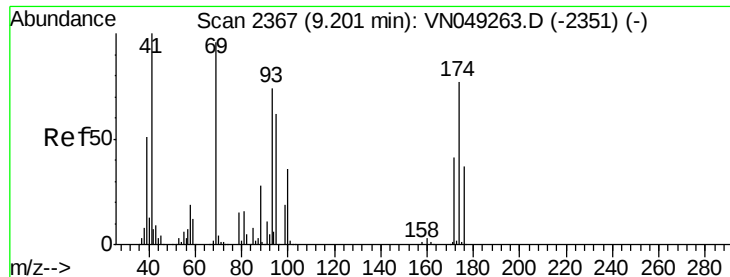
9.41

9.41

9.41

9.41

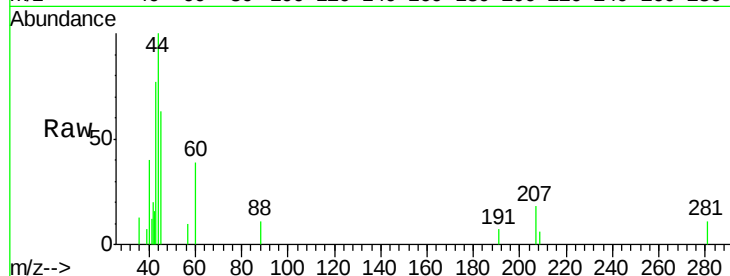




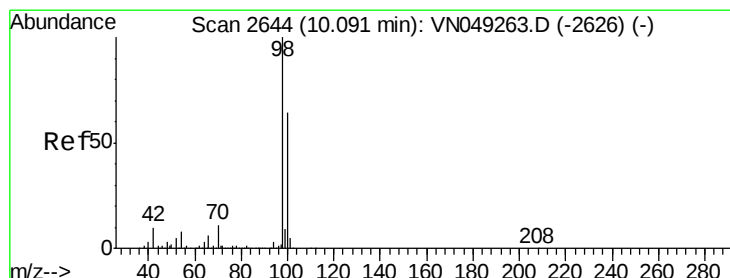
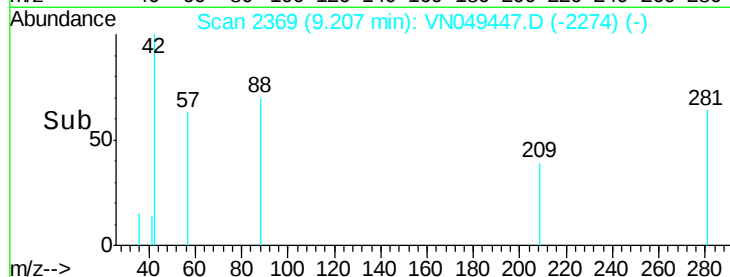
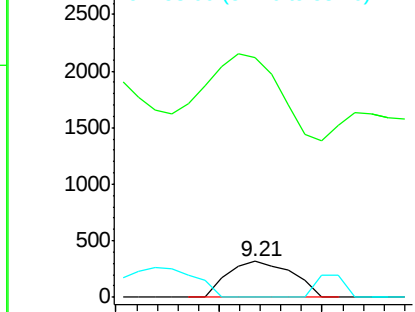
#49
1,4-Dioxane
Concen: 1.90 ug/l
RT: 9.21 min Scan# 2369
Delta R.T. 0.01 min
Lab File: VN049447.D
Acq: 20 Jun 2018 20:04

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 275
Ion Ratio Lower Upper
88 100
43 278.2 30.9 46.3#
58 0.0 58.9 88.3#

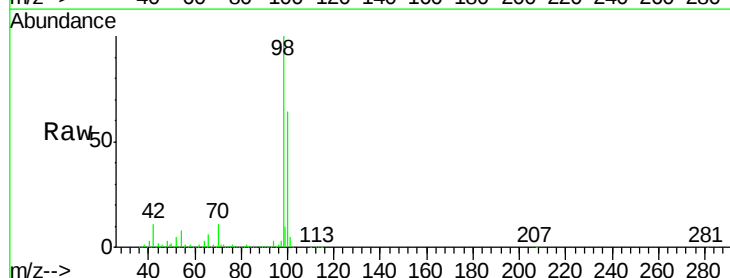


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

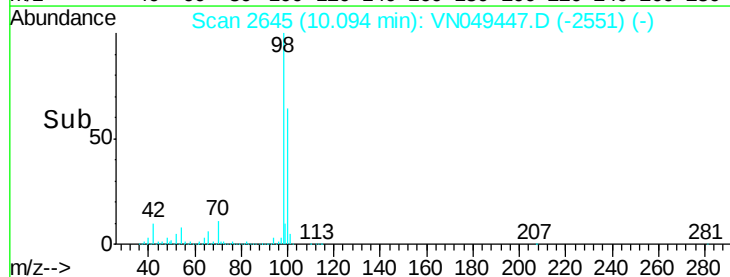
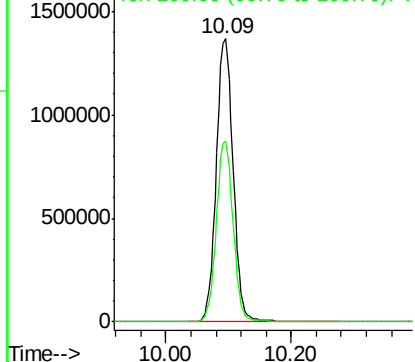


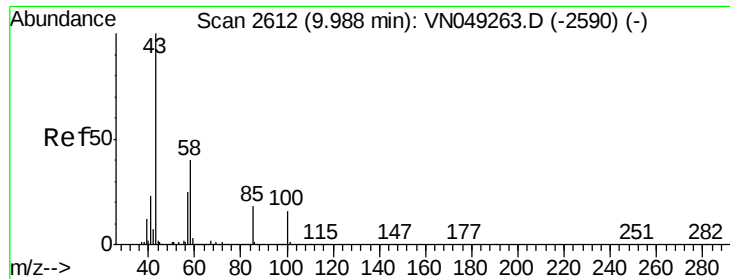
#50
Toluene-d8
Concen: 44.19 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049447.D
Acq: 20 Jun 2018 20:04

Tgt Ion: 98 Resp: 2543481
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: 0.32 ug/l

RT: 9.99 min Scan# 2612

Delta R.T. -0.00 min

Lab File: VN049447.D

Acq: 20 Jun 2018 20:04

Instrument :

MSVOA_N

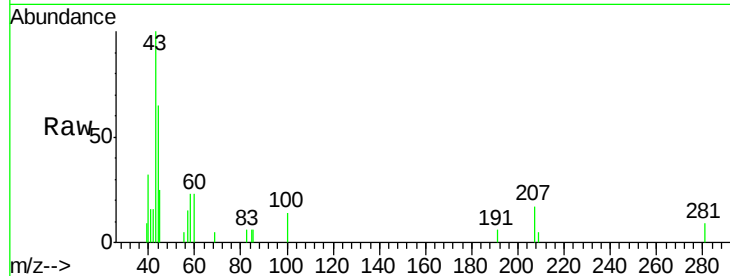
ClientSampleId :

Tot Ion: 43 Resp: 3683

Ion Ratio Lower Upper

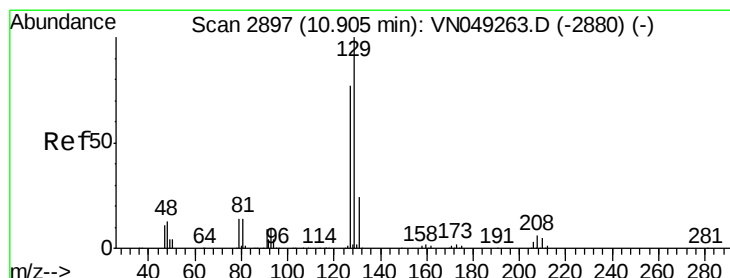
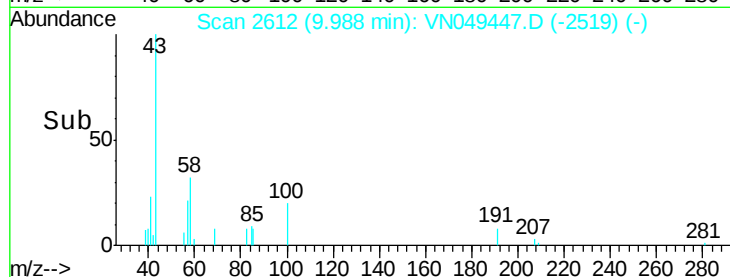
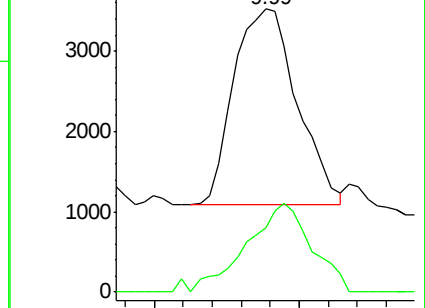
43 100

58 47.3 29.0 43.6#



Abundance Ion 43.00 (42.70 to 43.70): VN049447.D (-2519) (-)

Ion 58.00 (57.70 to 58.70): VN049447.D (-2519) (-)



#60

Dibromochloromethane

Concen: 0.22 ug/l

RT: 10.90 min Scan# 2896

Delta R.T. -0.00 min

Lab File: VN049447.D

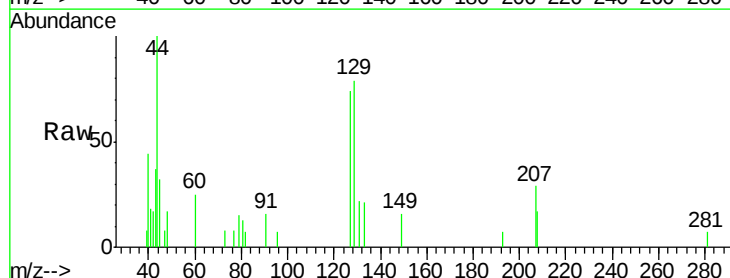
Acq: 20 Jun 2018 20:04

Tgt Ion: 129 Resp: 3577

Ion Ratio Lower Upper

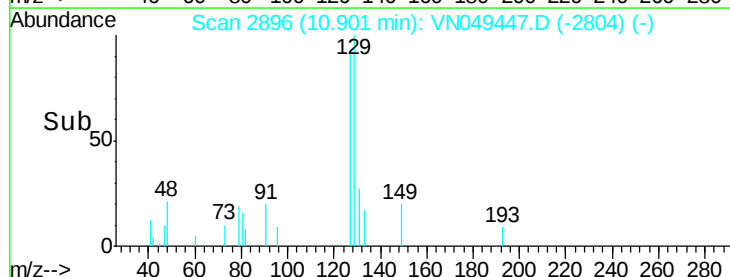
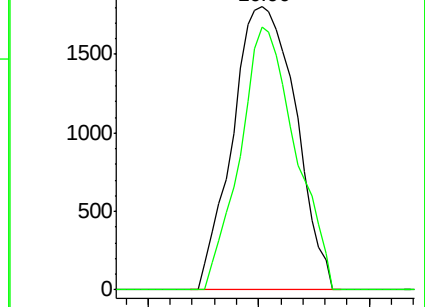
129 100

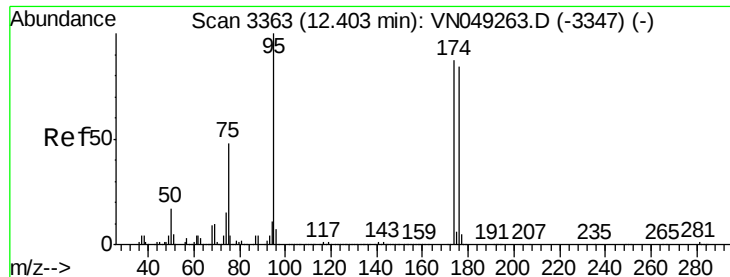
127 81.6 39.1 117.2



Abundance Ion 128.80 (128.50 to 129.50): VN049447.D (-2804) (-)

Ion 126.80 (126.50 to 127.50): VN049447.D (-2804) (-)





#62

4-Bromofluorobenzene

Concen: 36.34 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049447.D

Acq: 20 Jun 2018 20:04

Instrument :

MSVOA_N

ClientSampleId :

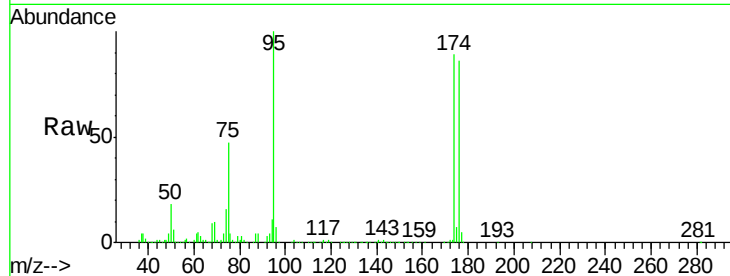
Tot Ion: 95 Resp: 691613

Ion Ratio Lower Upper

95 100

174 89.5 0.0 165.6

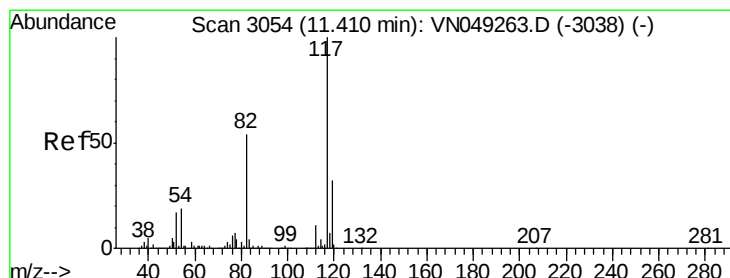
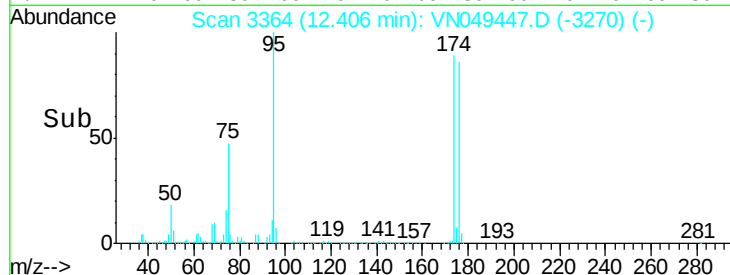
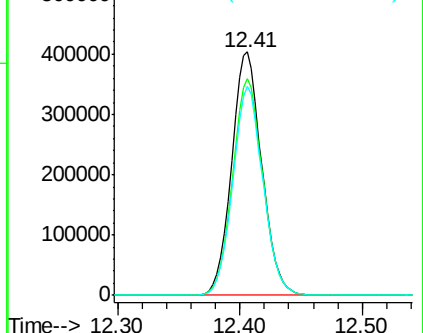
176 85.9 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN049447.D

Acq: 20 Jun 2018 20:04

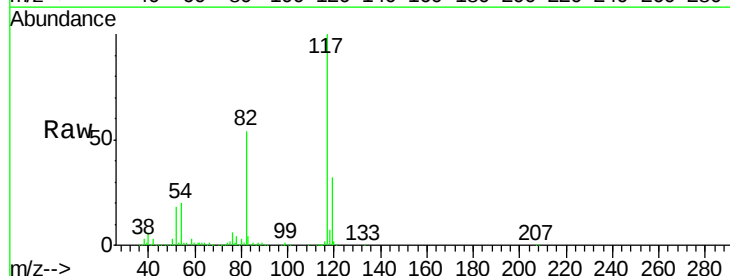
Tgt Ion: 117 Resp: 1550707

Ion Ratio Lower Upper

117 100

82 54.4 45.9 68.9

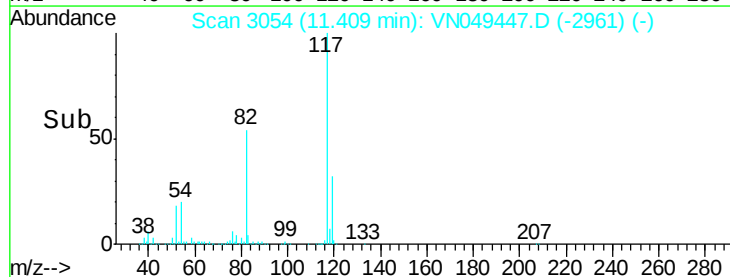
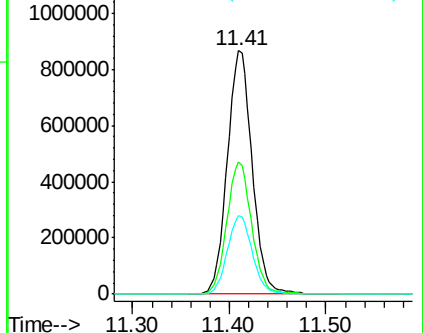
119 32.2 25.5 38.3

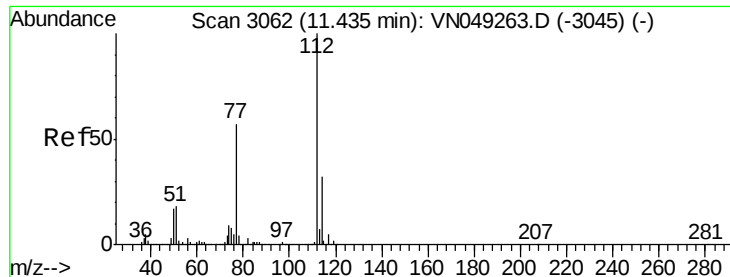


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

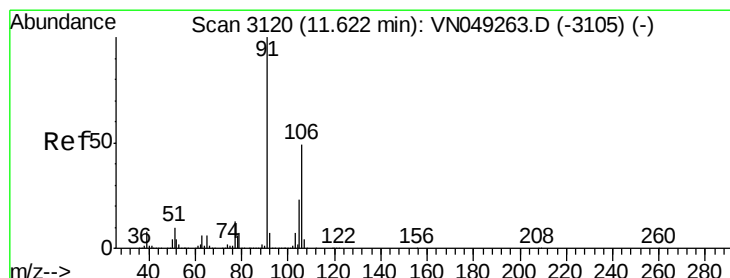
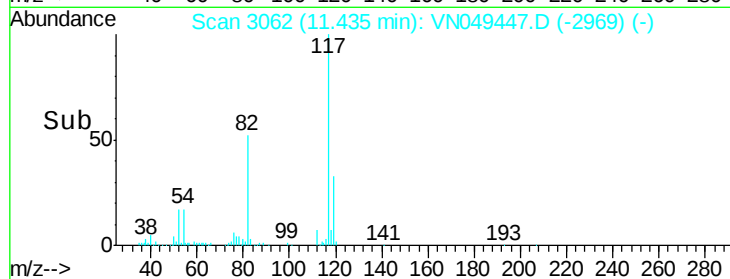
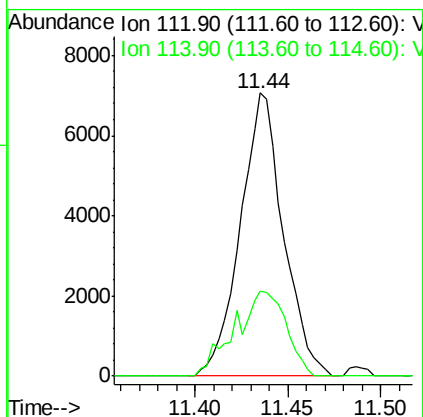
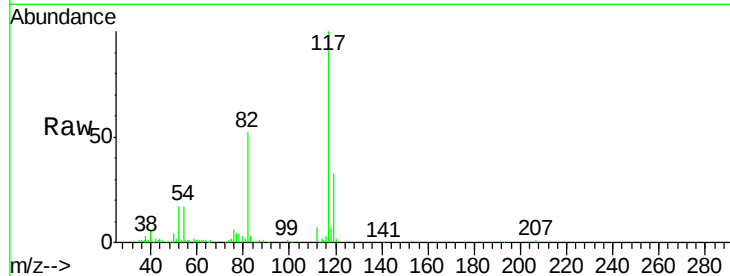




#65
Chlorobenzene
Concen: 0.29 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN049447.D
Acq: 20 Jun 2018 20:04

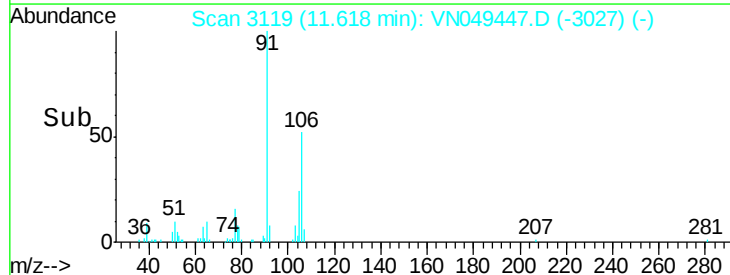
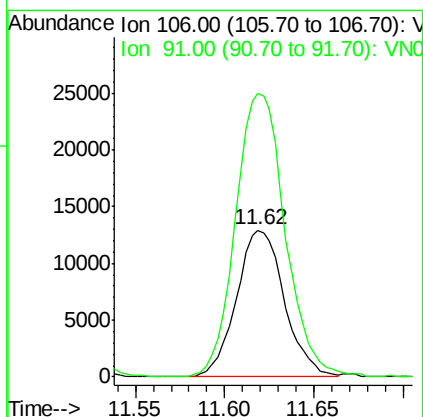
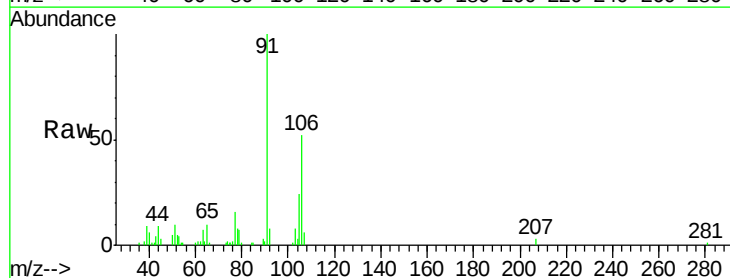
Instrument :
MSVOA_N
ClientSampled :

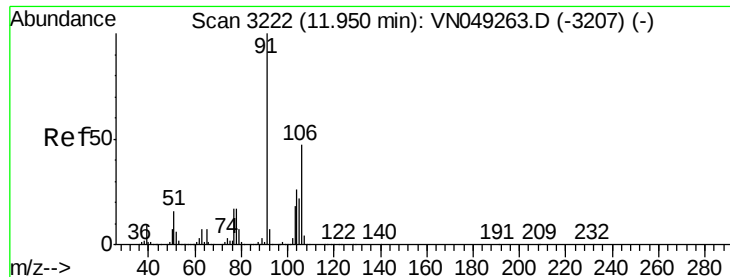
Tot Ion:112 Resp: 11418
Ion Ratio Lower Upper
112 100
114 30.2 26.2 39.4



#68
m/p-Xylenes
Concen: 0.97 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.00 min
Lab File: VN049447.D
Acq: 20 Jun 2018 20:04

Tgt Ion:106 Resp: 24177
Ion Ratio Lower Upper
106 100
91 200.0 167.3 250.9

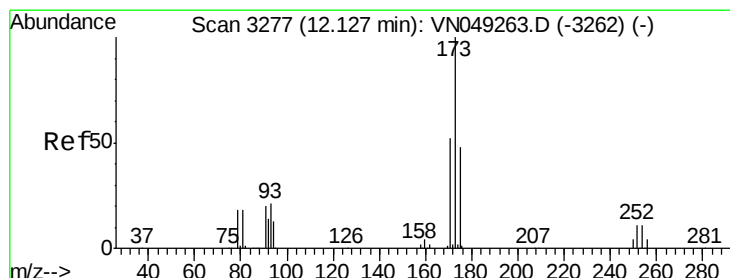
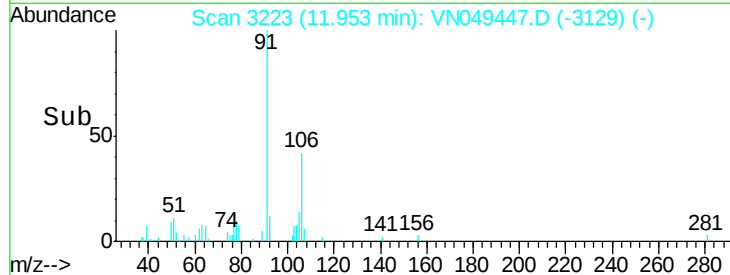
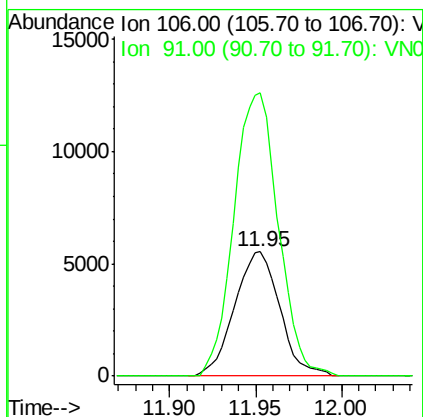
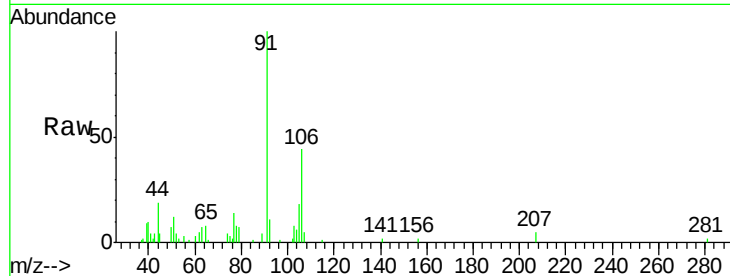




#69
o-Xylene
Concen: 0.42 ug/l
RT: 11.95 min Scan# 3223
Delta R.T. 0.00 min
Lab File: VN049447.D
Acq: 20 Jun 2018 20:04

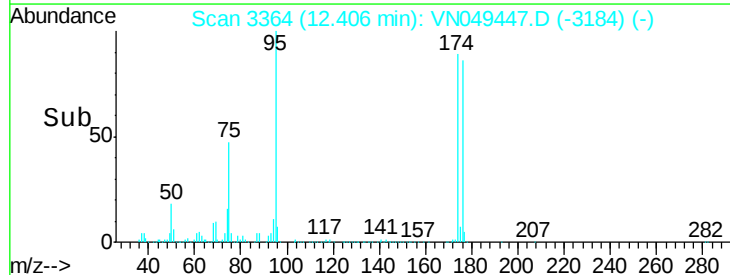
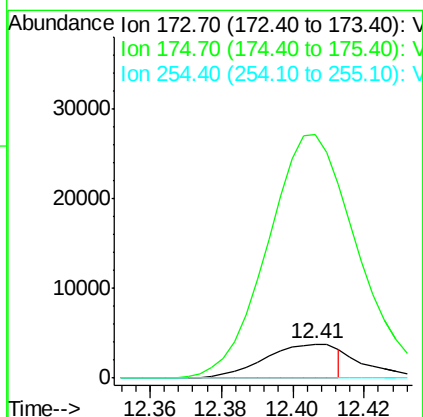
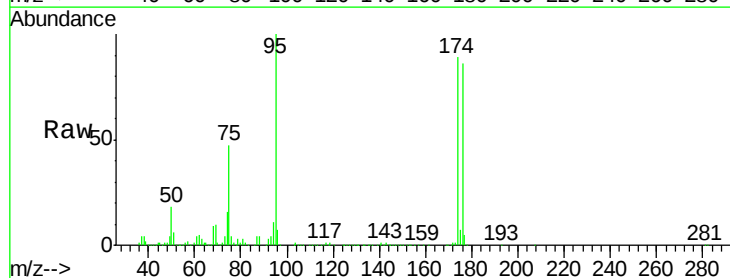
Instrument :
MSVOA_N
ClientSampled :

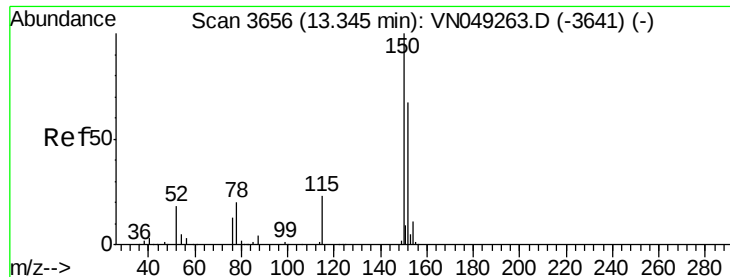
Tot Ion:106 Resp: 10126
Ion Ratio Lower Upper
106 100
91 222.9 111.0 333.0



#71
Bromoform
Concen: 0.55 ug/l
RT: 12.41 min Scan# 3364
Delta R.T. 0.28 min
Lab File: VN049447.D
Acq: 20 Jun 2018 20:04

Tgt Ion:173 Resp: 5384
Ion Ratio Lower Upper
173 100
175 671.5 24.5 73.5#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049447.D

Acq: 20 Jun 2018 20:04

Instrument :

MSVOA_N

ClientSampleId :

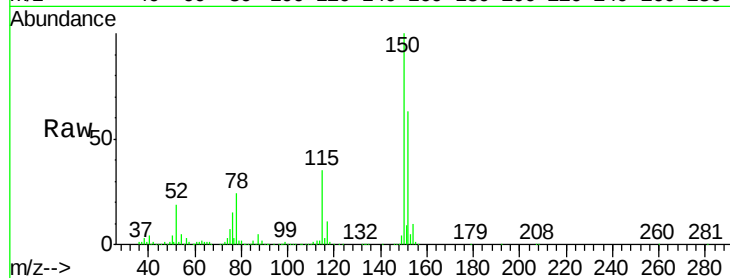
Tot Ion:152 Resp: 517590

Ion Ratio Lower Upper

152 100

115 56.2 28.7 86.1

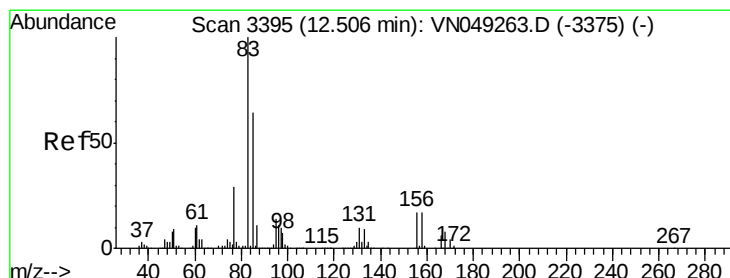
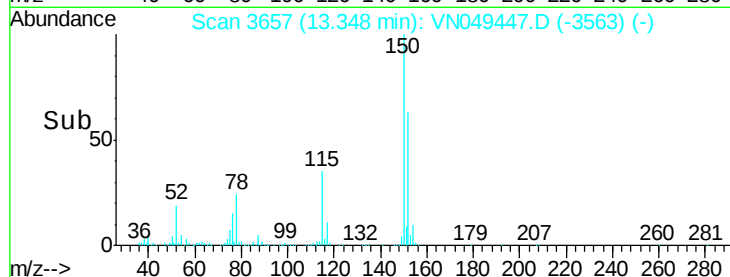
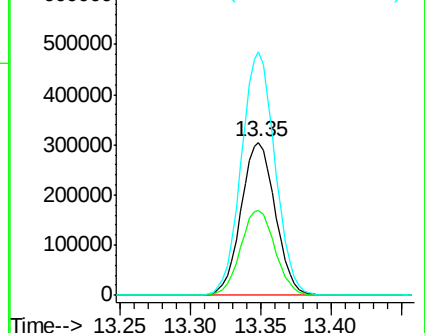
150 157.2 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.51 min Scan# 3397

Delta R.T. 0.01 min

Lab File: VN049447.D

Acq: 20 Jun 2018 20:04

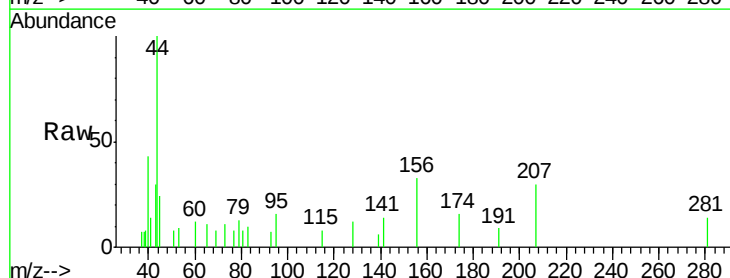
Tgt Ion: 83 Resp: 150

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

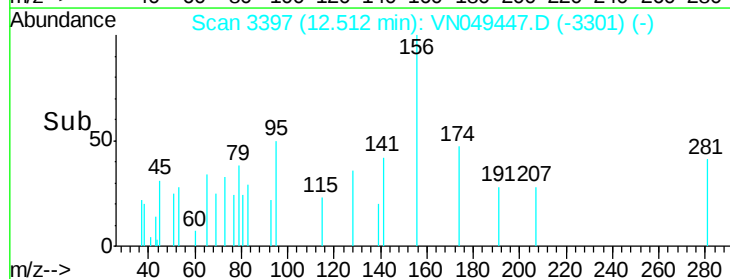
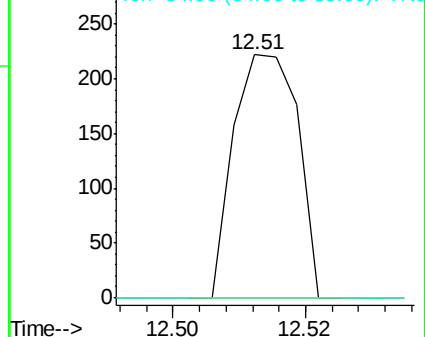
85 0.0 32.0 96.0#

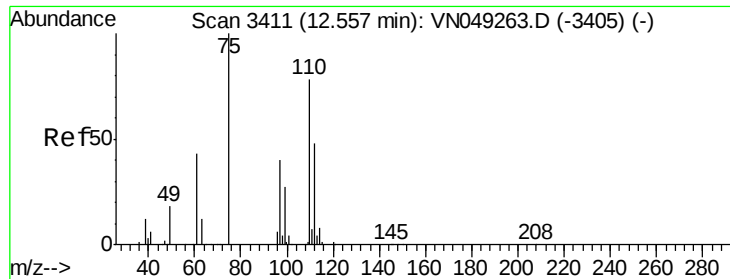


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 37.32 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. -0.15 min

Lab File: VN049447.D

Acq: 20 Jun 2018 20:04

Instrument :

MSVOA_N

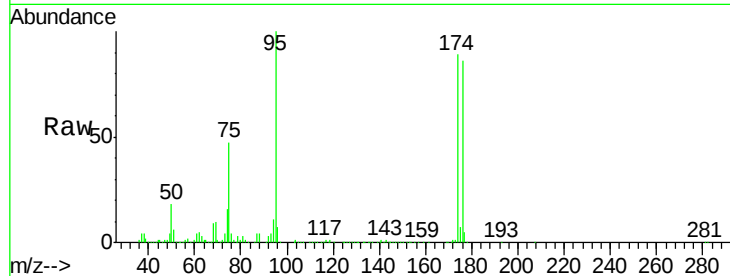
ClientSampleId :

Tot Ion: 75 Resp: 329579

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO

12.41

200000

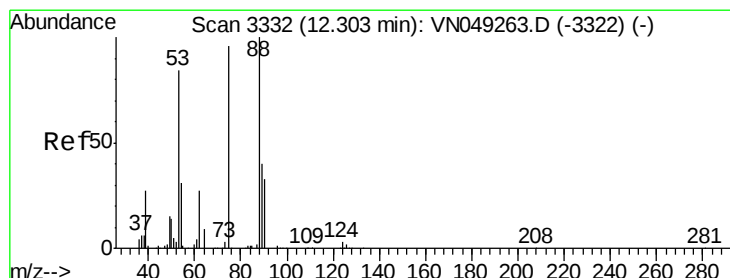
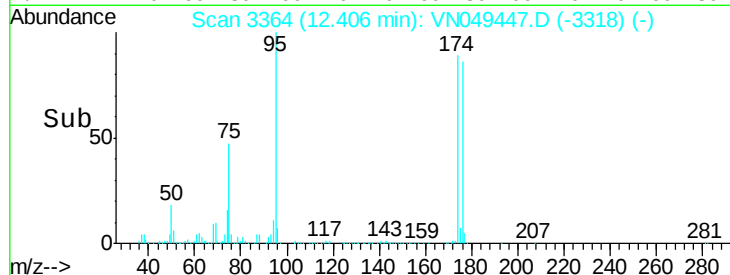
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#81

trans-1,4-Dichloro-2-butene

Concen: 117.95 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.10 min

Lab File: VN049447.D

Acq: 20 Jun 2018 20:04

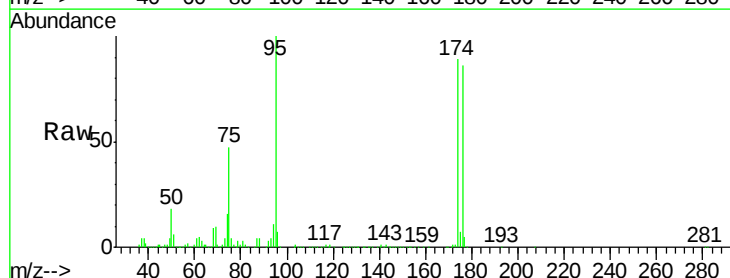
Tgt Ion: 75 Resp: 329579

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

250000

200000

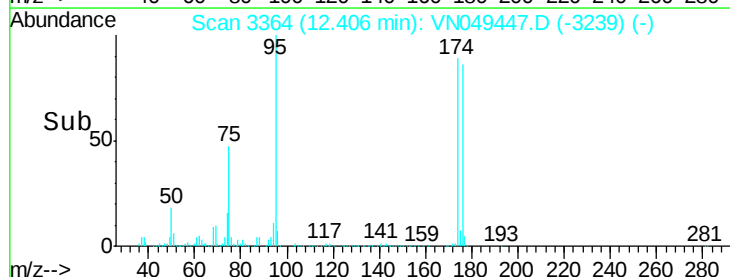
150000

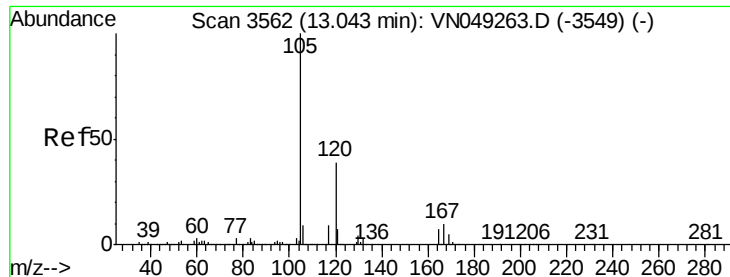
100000

50000

0

Time--> 12.30 12.40 12.50





#84

1,2,4-Trimethylbenzene

Concen: 0.27 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. -0.00 min

Lab File: VN049447.D

Acq: 20 Jun 2018 20:04

Instrument :

MSVOA_N

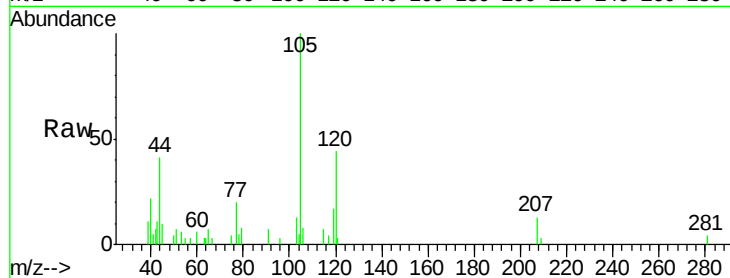
ClientSampled :

Tot Ion:105 Resp: 9713

Ion Ratio Lower Upper

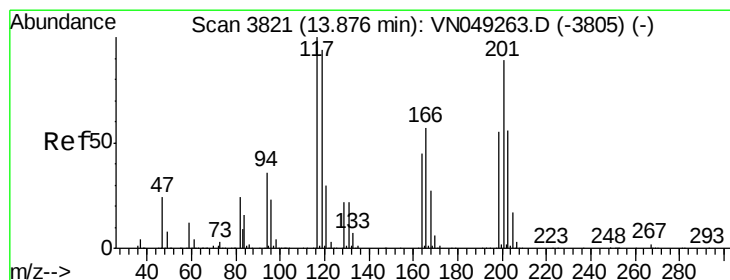
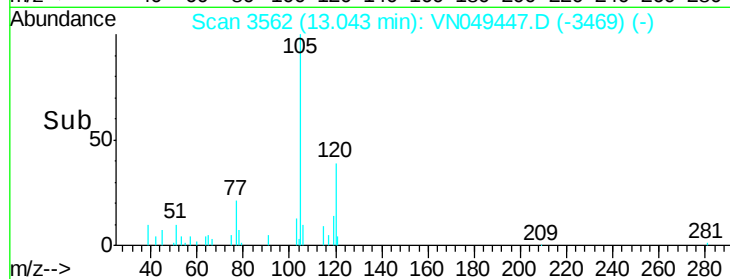
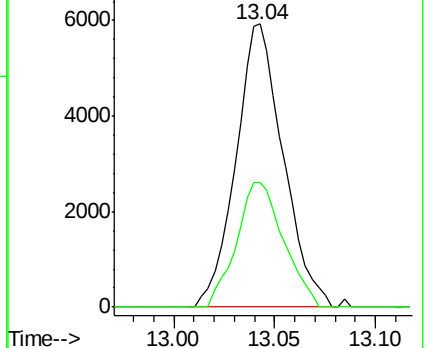
105 100

120 43.8 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#90

Hexachloroethane

Concen: Below Cal

RT: 13.88 min Scan# 3823

Delta R.T. 0.01 min

Lab File: VN049447.D

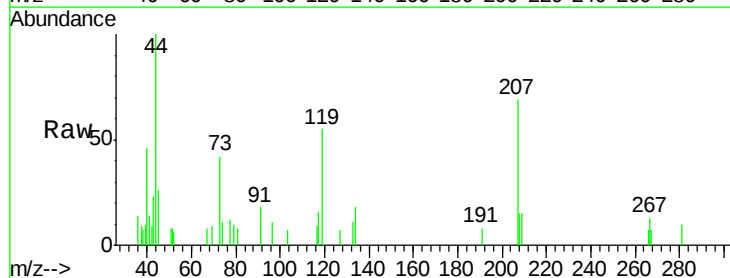
Acq: 20 Jun 2018 20:04

Tgt Ion:117 Resp: 622

Ion Ratio Lower Upper

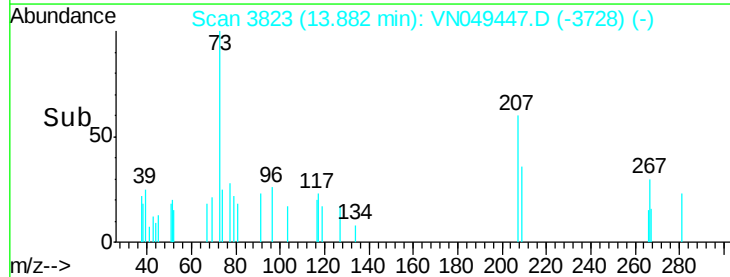
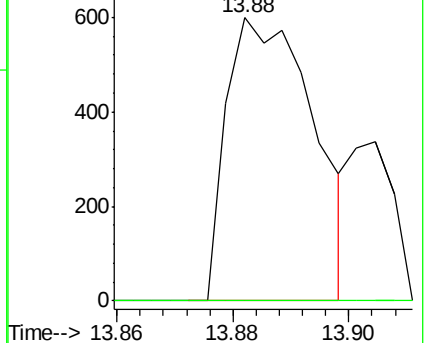
117 100

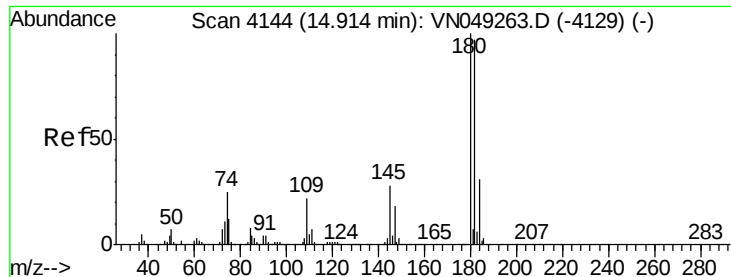
201 0.0 40.1 120.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

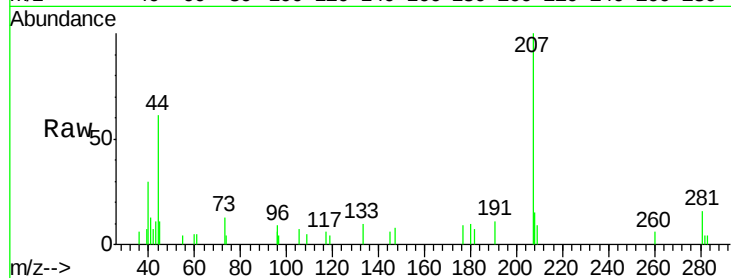




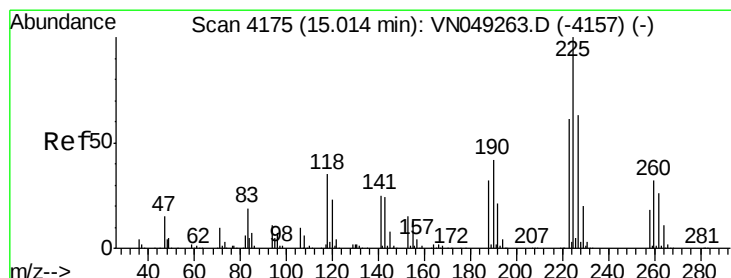
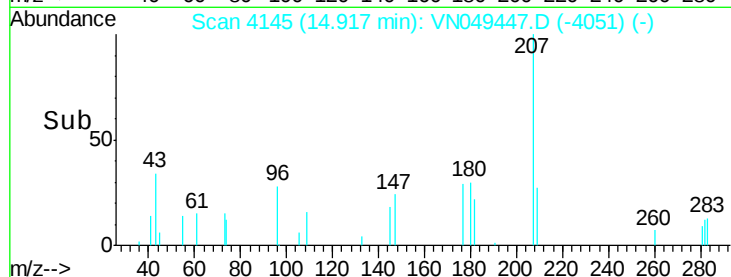
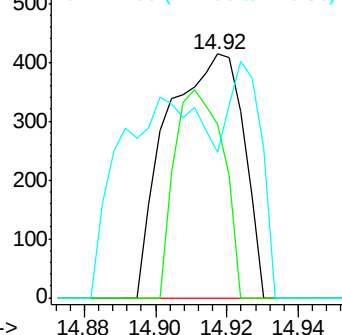
#93
 1,2,4-Trichlorobenzene
 Concen: 4.81 ug/l
 RT: 14.92 min Scan# 4145
 Delta R.T. 0.00 min
 Lab File: VN049447.D
 Acq: 20 Jun 2018 20:04

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 613
 Ion Ratio Lower Upper
 180 100
 182 54.3 46.9 140.8
 145 42.6 14.7 44.1

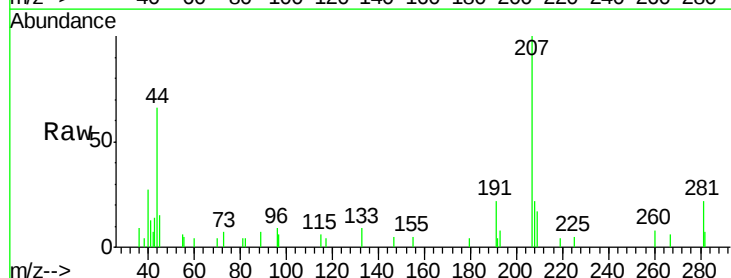


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

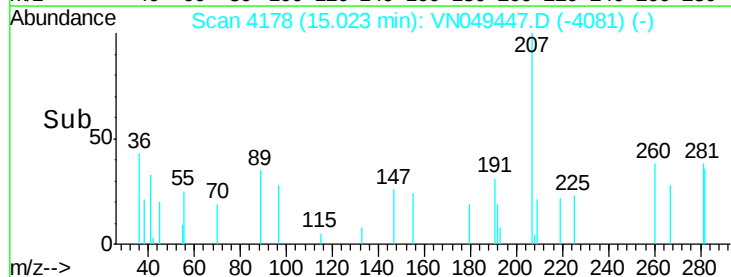
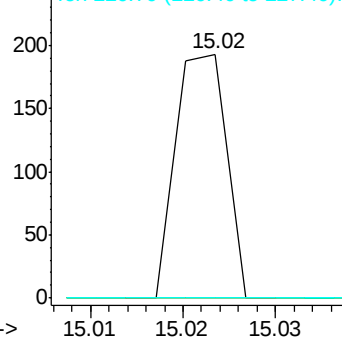


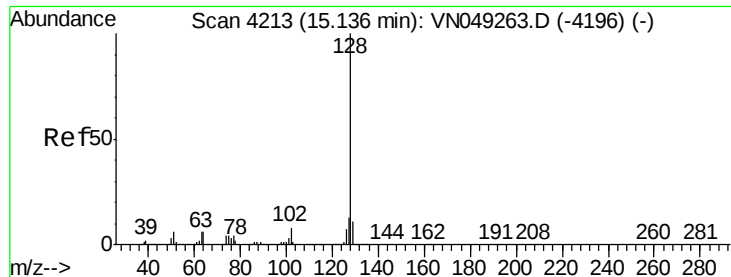
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.02 min Scan# 4178
 Delta R.T. 0.01 min
 Lab File: VN049447.D
 Acq: 20 Jun 2018 20:04

Tgt Ion:225 Resp: 74
 Ion Ratio Lower Upper
 225 100
 223 0.0 32.1 96.3#
 227 0.0 31.8 95.3#



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

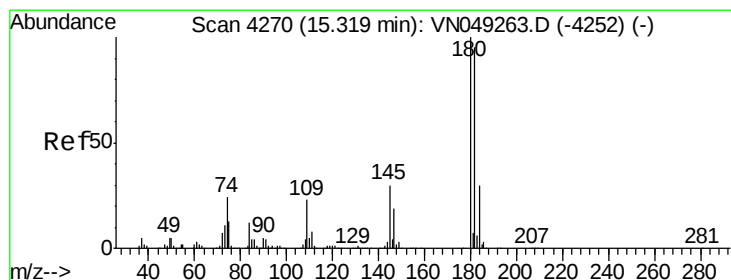
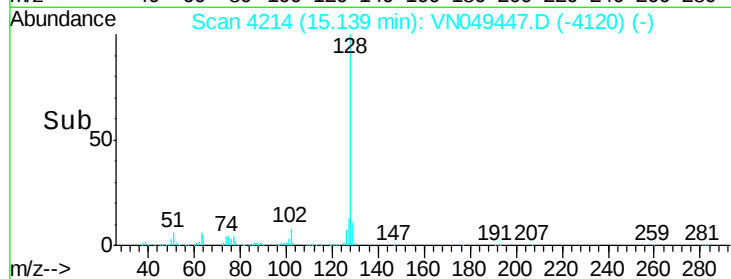
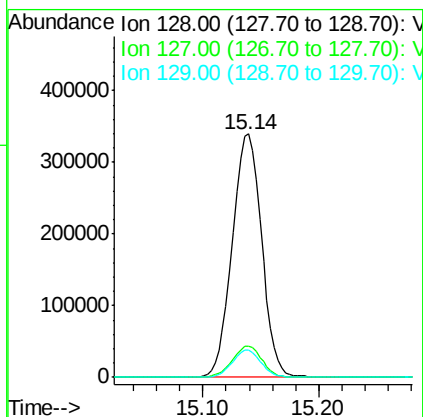
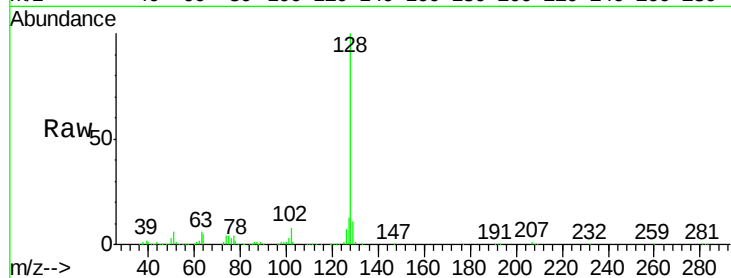




#95
Naphthalene
Concen: 39.37 ug/l
RT: 15.14 min Scan# 4214
Delta R.T. 0.00 min
Lab File: VN049447.D
Acq: 20 Jun 2018 20:04

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 595244
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 10.9 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 3.48 ug/l
RT: 15.33 min Scan# 4272
Delta R.T. 0.01 min
Lab File: VN049447.D
Acq: 20 Jun 2018 20:04

Tgt Ion:180 Resp: 223
Ion Ratio Lower Upper
180 100
182 0.0 47.3 141.8#
145 0.0 15.6 46.7#

