

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061918\
 Data File : VN049417.D
 Acq On : 20 Jun 2018 5:46
 Operator : MD\SY
 Sample : J3573-21
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 20 08:21:59 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	1176624	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1891000	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1541698	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	459483	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	794022	50.88	ug/l	0.00
Spiked Amount			Recovery	=	101.76%	
35) Dibromofluoromethane	7.59	113	699649	45.73	ug/l	0.00
Spiked Amount			Recovery	=	91.46%	
50) Toluene-d8	10.09	98	2559419	43.94	ug/l	0.00
Spiked Amount			Recovery	=	87.88%	
62) 4-Bromofluorobenzene	12.40	95	652405	33.87	ug/l	0.00
Spiked Amount			Recovery	=	67.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.57	94	4728	0.48	ug/l	92
8) Diethyl Ether	3.40	74	2027	0.25	ug/l	68
11) Tert butyl alcohol	4.81	59	379	0.41	ug/l #	70
13) Acrolein	3.61	56	493	0.51	ug/l	89
16) Acetone	3.82	43	47173	12.45	ug/l	92
18) Methyl Acetate	4.33	43	89704	7.76	ug/l	92
20) Methylene Chloride	4.55	84	105435	6.66	ug/l	91
25) 2-Butanone	6.84	43	4283	0.84	ug/l	97
29) Tetrahydrofuran	7.22	42	1889	0.58	ug/l #	63
30) Chloroform	7.37	83	8502	0.31	ug/l	98
31) Cyclohexane	7.66	56	23857	0.86	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	82399	3.80	ug/l #	50
38) Carbon Tetrachloride	7.67	117	105102	4.68	ug/l #	18
43) Isopropyl Acetate	8.21	43	312124	13.87	ug/l #	64
44) Trichloroethene	8.84	130	26155	1.49	ug/l	84
49) 1,4-Dioxane	9.20	88	227	1.55	ug/l #	42
51) 4-Methyl-2-Pentanone	9.99	43	5908	0.50	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.70	63	33	14.33	ug/l #	51
65) Chlorobenzene	11.43	112	12235	0.31	ug/l	91
67) Ethyl Benzene	11.51	91	16408	0.25	ug/l	96
68) m/p-Xylenes	11.62	106	29019	1.17	ug/l	96
69) o-Xylene	11.95	106	12506	0.53	ug/l	99
71) Bromoform	12.40	173	4838	0.50	ug/l #	1
74) N-ethyl acetate	12.05	43	2847	0.29	ug/l #	52
75) 1,1,2,2-Tetrachloroethane	12.49	83	71	Below	Cal #	26
76) 1,2,3-Trichloropropane	12.40	75	312805	39.90	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	312805	126.10	ug/l #	9
84) 1,2,4-Trimethylbenzene	13.05	105	10437	0.33	ug/l	94
90) Hexachloroethane	13.89	117	557	Below	Cal #	9
93) 1,2,4-Trichlorobenzene	14.92	180	794	4.83	ug/l	92
94) Hexachlorobutadiene	15.02	225	30	Below	Cal #	18
95) Naphthalene	15.14	128	798955	56.00	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	770	3.55	ug/l #	82

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

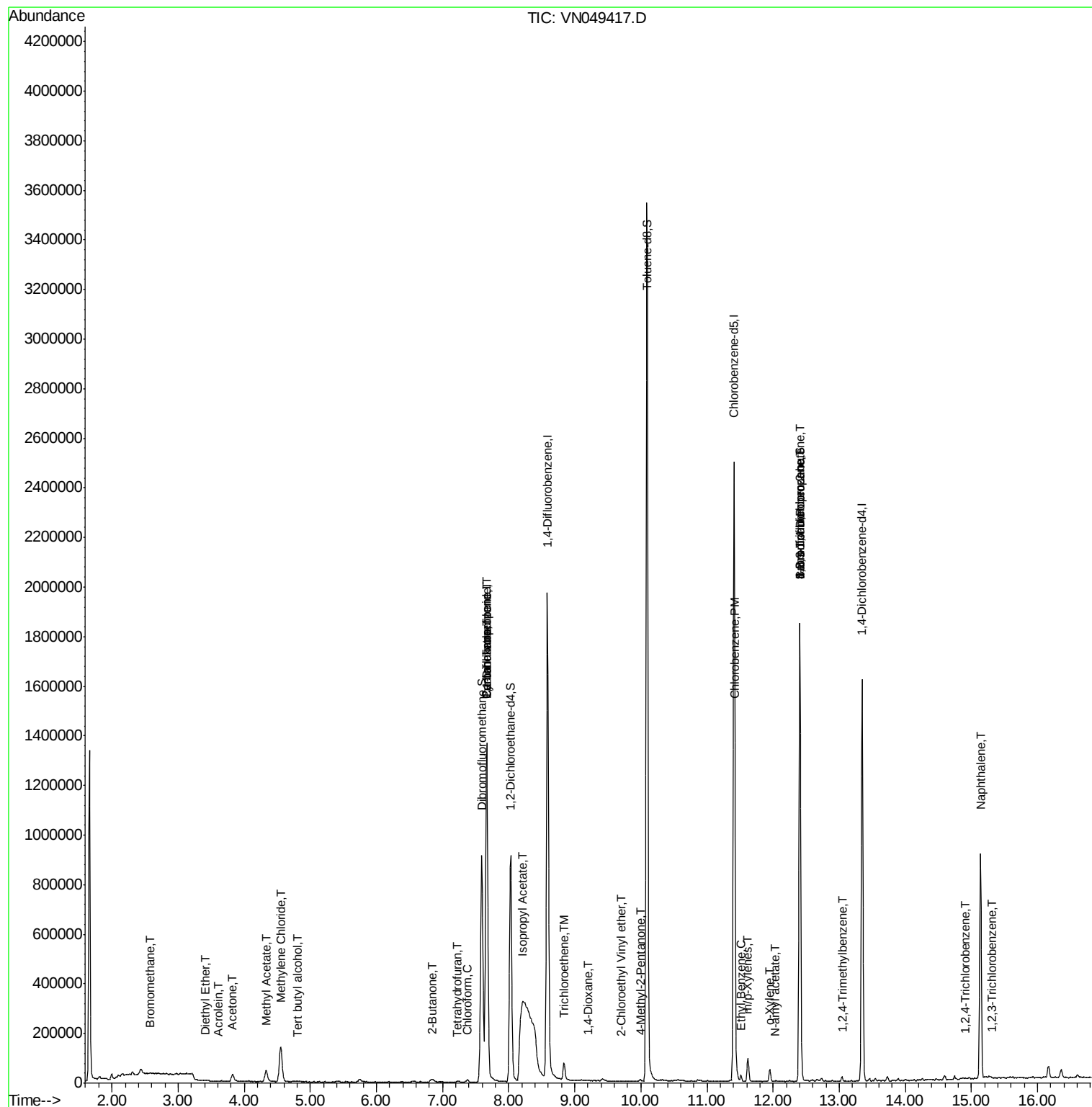
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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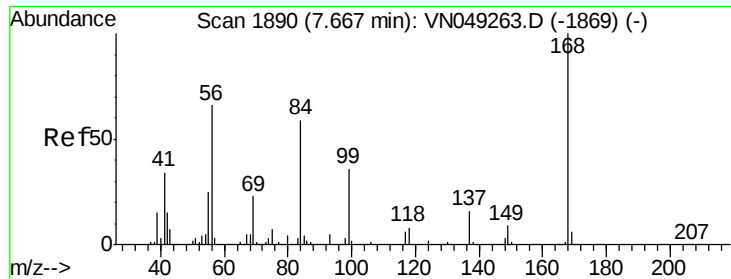
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049417.D

Acq: 20 Jun 2018 5:46

Instrument :

MSVOA_N

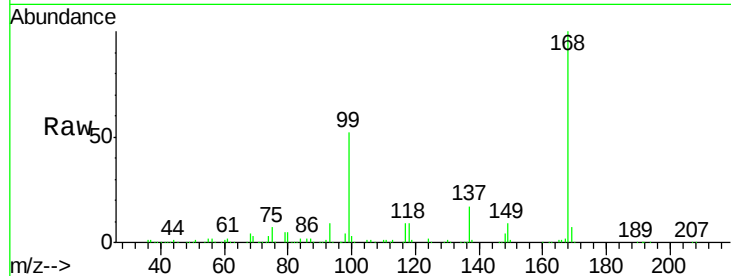
ClientSampled :

Tot Ion:168 Resp: 1176624

Ion Ratio Lower Upper

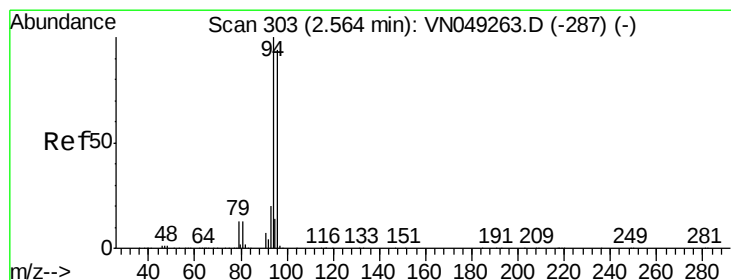
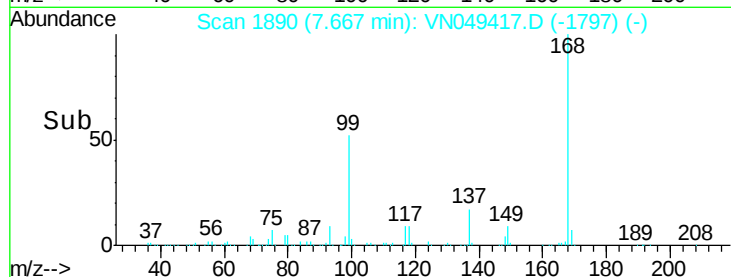
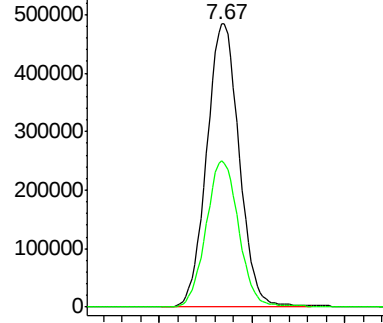
168 100

99 51.7 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#5

Bromomethane

Concen: 0.48 ug/l

RT: 2.57 min Scan# 305

Delta R.T. 0.01 min

Lab File: VN049417.D

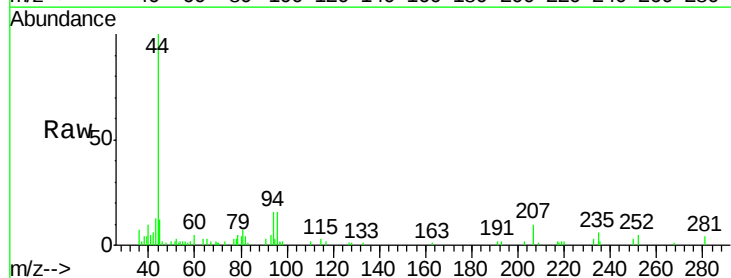
Acq: 20 Jun 2018 5:46

Tgt Ion: 94 Resp: 4728

Ion Ratio Lower Upper

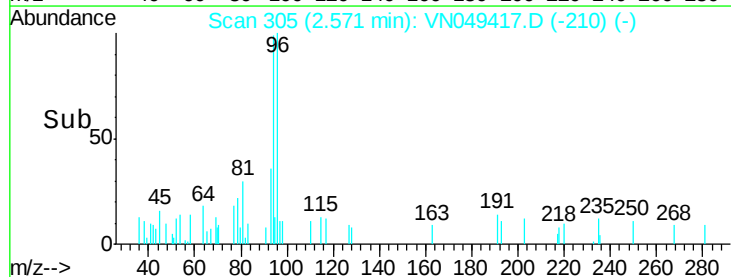
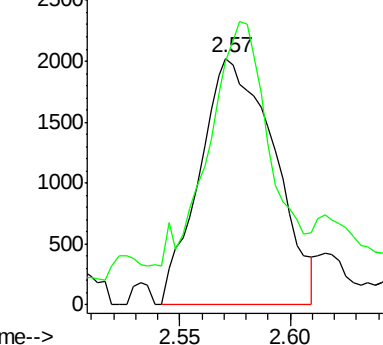
94 100

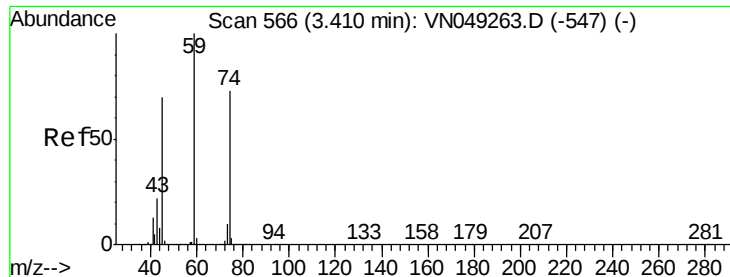
96 83.1 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO





#8

Diethyl Ether

Concen: 0.25 ug/l

RT: 3.40 min Scan# 564

Delta R.T. -0.01 min

Lab File: VN049417.D

Acq: 20 Jun 2018 5:46

Instrument :

MSVOA_N

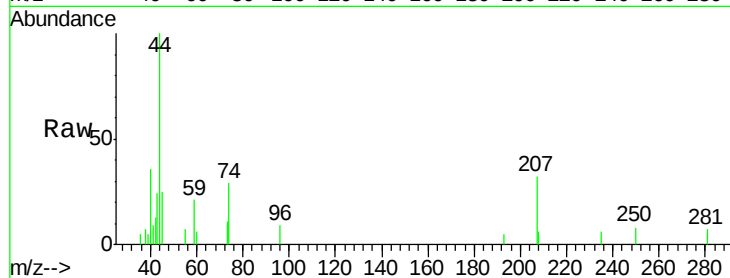
ClientSampled :

Tot Ion: 74 Resp: 2027

Ion Ratio Lower Upper

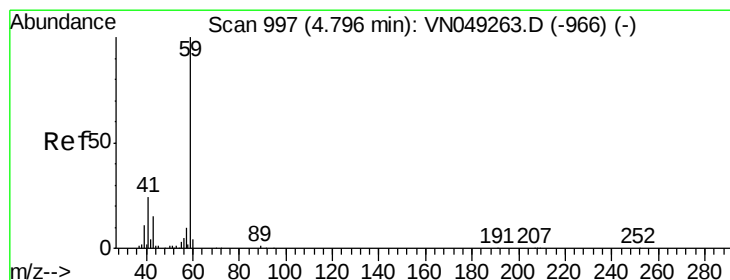
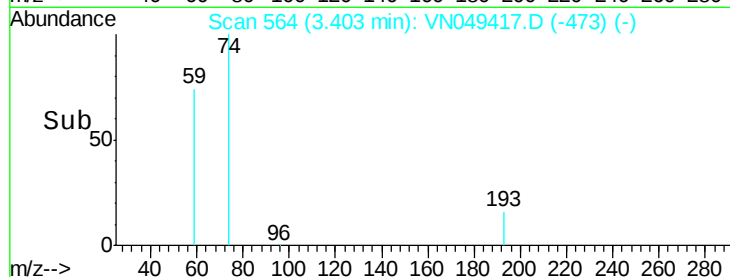
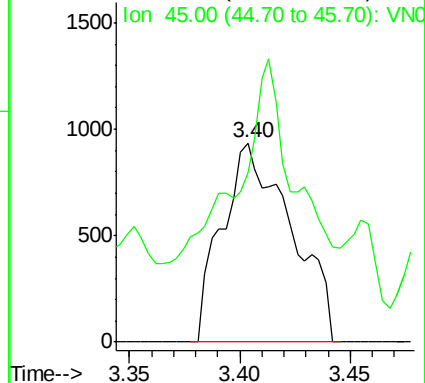
74 100

45 71.2 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: 0.41 ug/l

RT: 4.81 min Scan# 1000

Delta R.T. 0.01 min

Lab File: VN049417.D

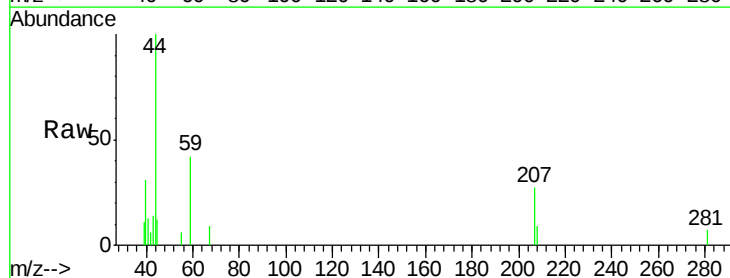
Acq: 20 Jun 2018 5:46

Tgt Ion: 59 Resp: 379

Ion Ratio Lower Upper

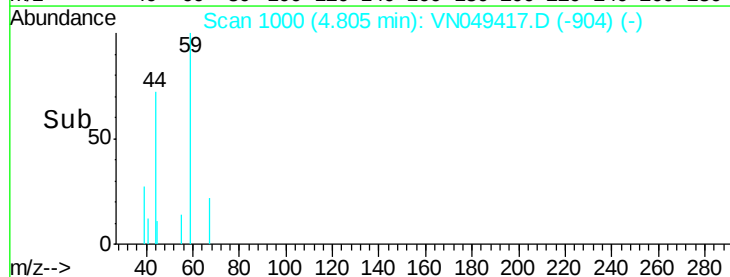
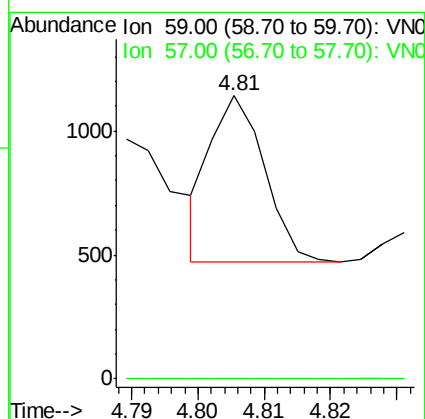
59 100

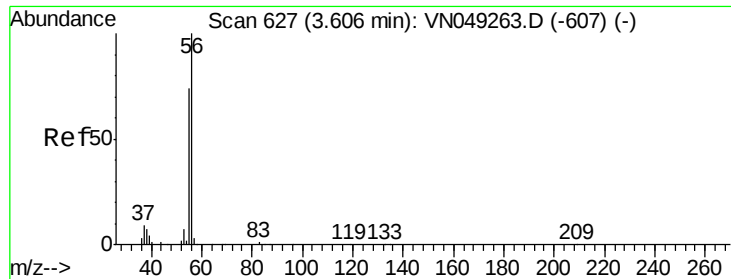
57 0.0 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

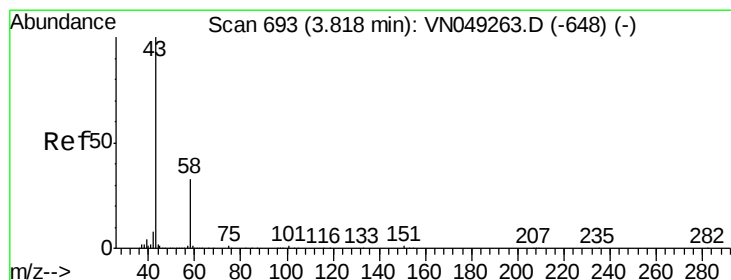
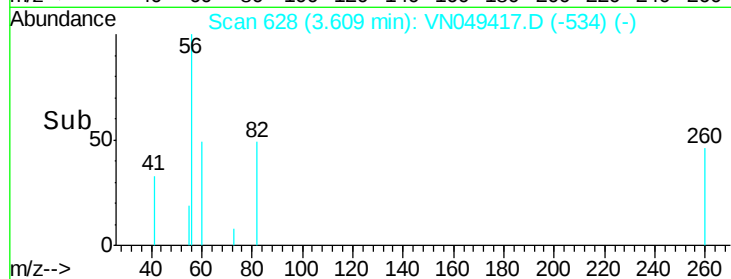
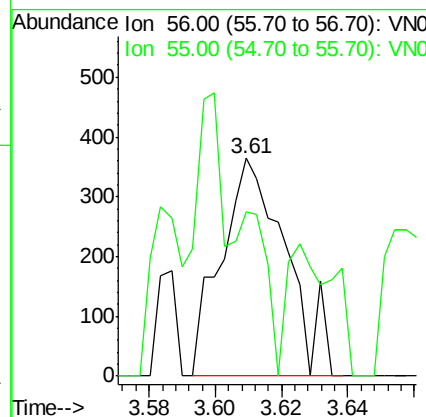
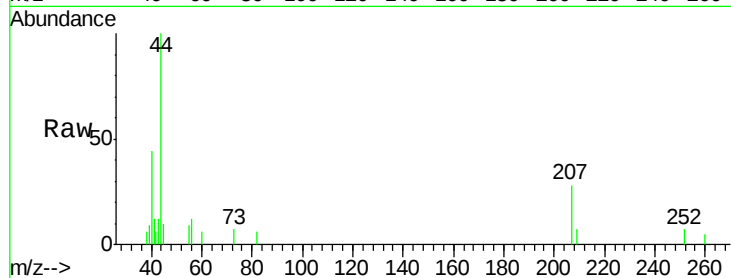




#13
Acrolein
Concen: 0.51 ug/l
RT: 3.61 min Scan# 628
Delta R.T. 0.00 min
Lab File: VN049417.D
Acq: 20 Jun 2018 5:46

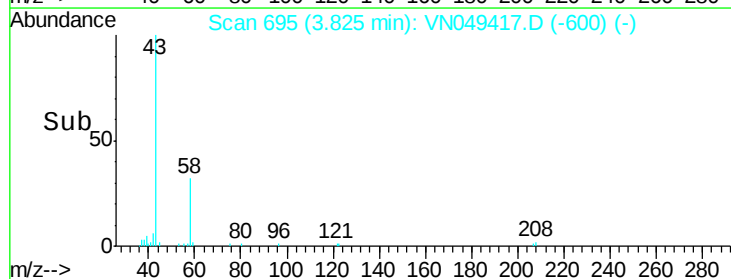
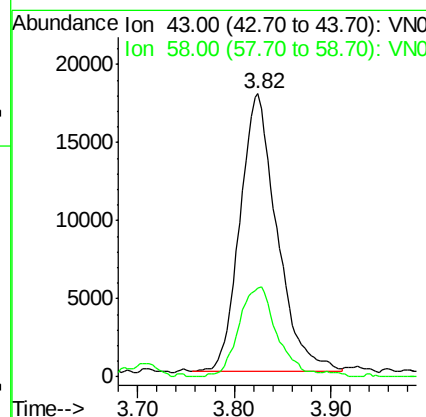
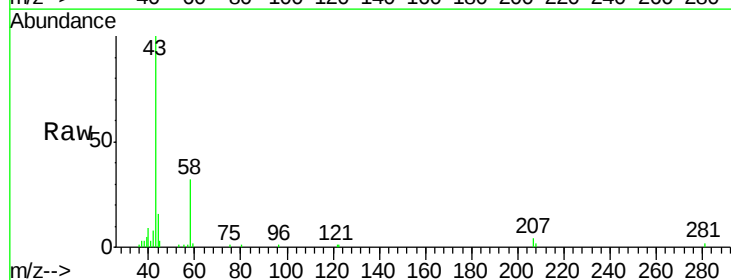
Instrument :
MSVOA_N
ClientSampled :

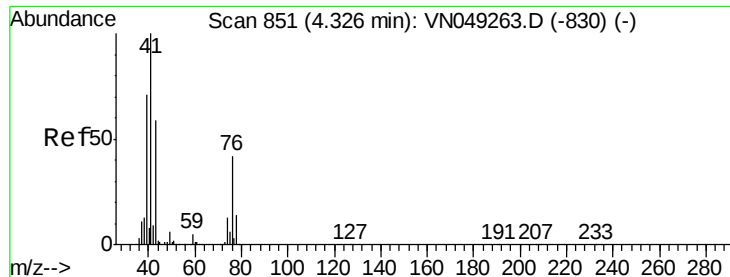
Tot Ion: 56 Resp: 493
Ion Ratio Lower Upper
56 100
55 62.3 57.1 85.7



#16
Acetone
Concen: 12.45 ug/l
RT: 3.82 min Scan# 695
Delta R.T. 0.01 min
Lab File: VN049417.D
Acq: 20 Jun 2018 5:46

Tgt Ion: 43 Resp: 47173
Ion Ratio Lower Upper
43 100
58 32.2 22.4 33.6

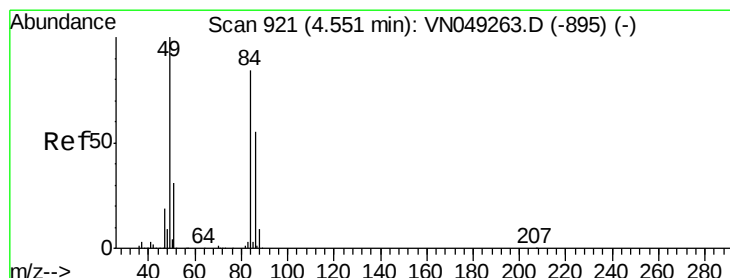
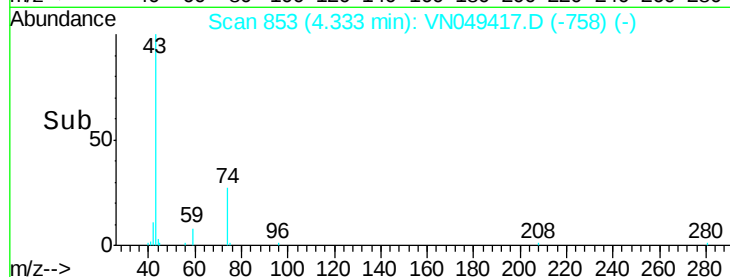
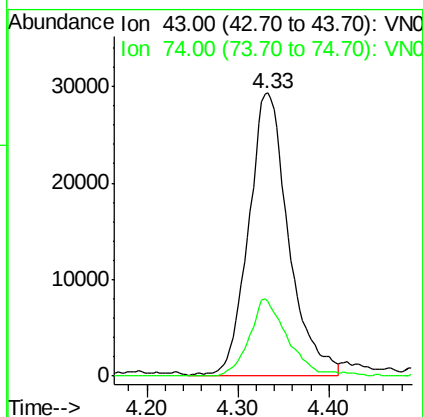
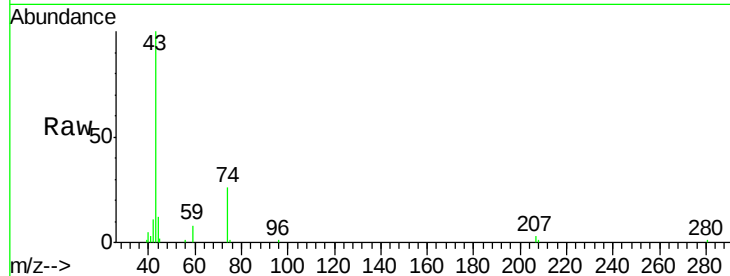




#18
Methvl Acetate
Concen: 7.76 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049417.D
Acq: 20 Jun 2018 5:46

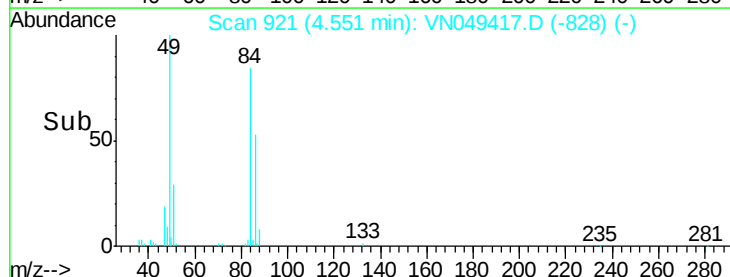
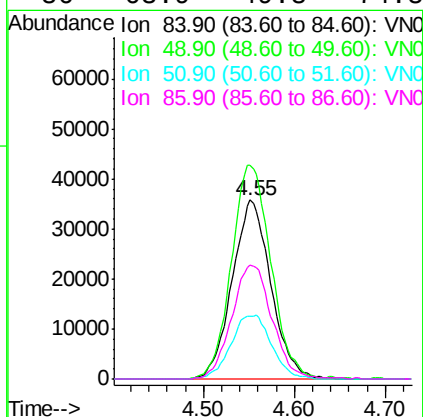
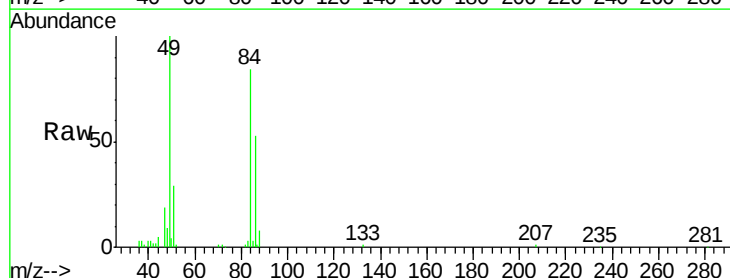
Instrument :
MSVOA_N
ClientSampleId :

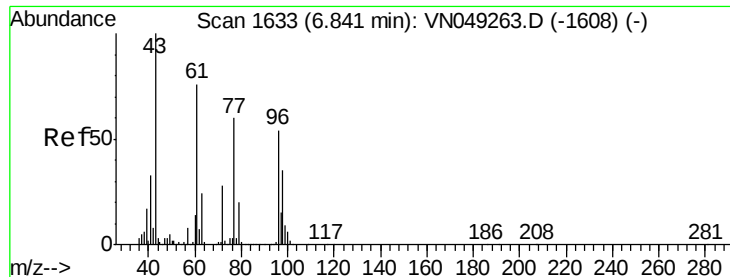
Tot Ion: 43 Resp: 89704
Ion Ratio Lower Upper
43 100
74 25.3 17.4 26.0



#20
Methylene Chloride
Concen: 6.66 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049417.D
Acq: 20 Jun 2018 5:46

Tgt Ion: 84 Resp: 105435
Ion Ratio Lower Upper
84 100
49 119.6 106.9 160.3
51 35.0 32.7 49.1
86 63.9 49.8 74.8





#25

2-Butanone

Concen: 0.84 ug/l

RT: 6.84 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VN049417.D

Acq: 20 Jun 2018 5:46

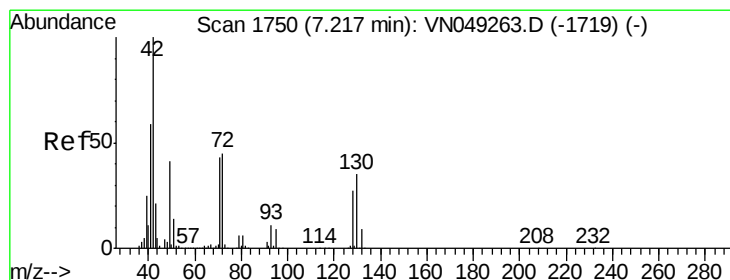
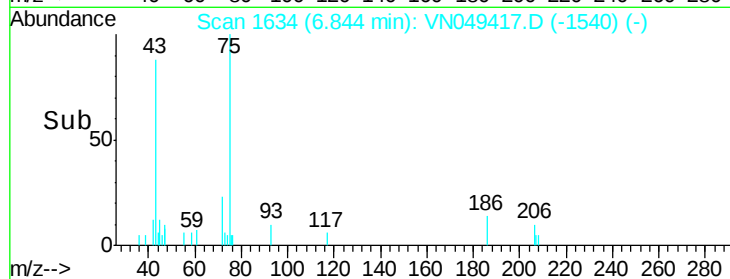
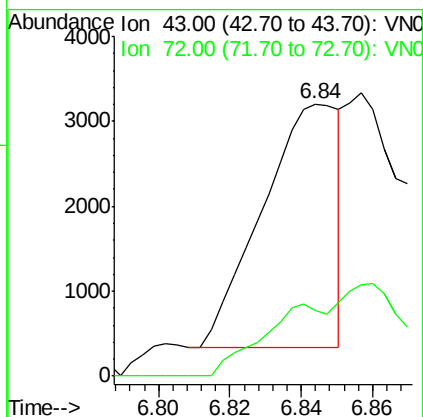
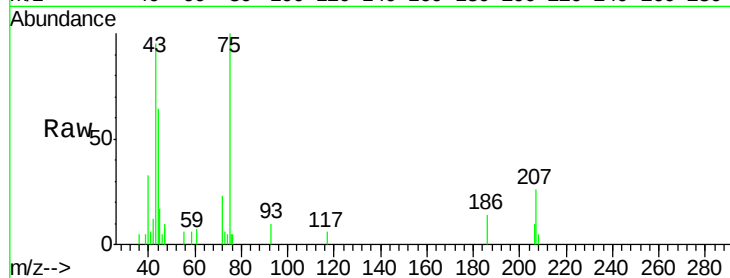
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 4283

Ion Ratio Lower Upper

43 100

72 26.8 20.2 30.2



#29

Tetrahydrofuran

Concen: 0.58 ug/l

RT: 7.22 min Scan# 1752

Delta R.T. 0.01 min

Lab File: VN049417.D

Acq: 20 Jun 2018 5:46

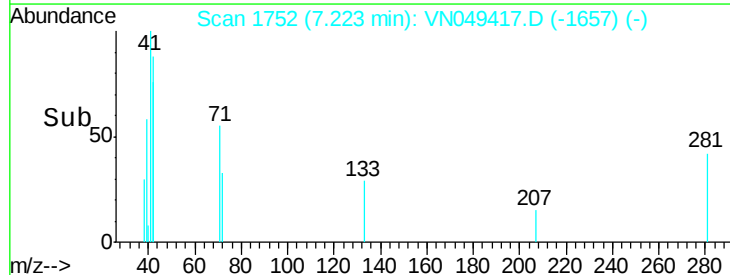
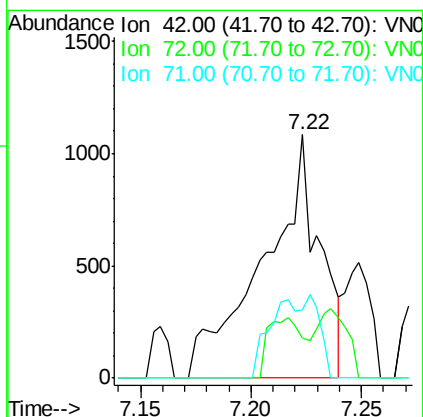
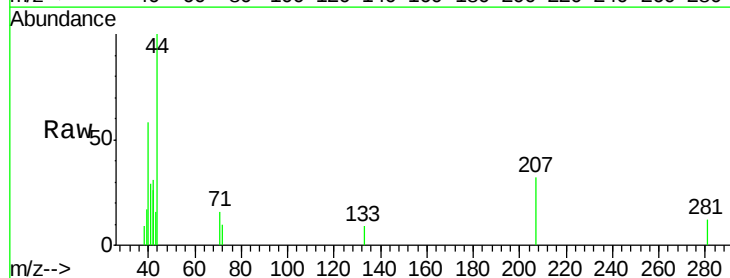
Tgt Ion: 42 Resp: 1889

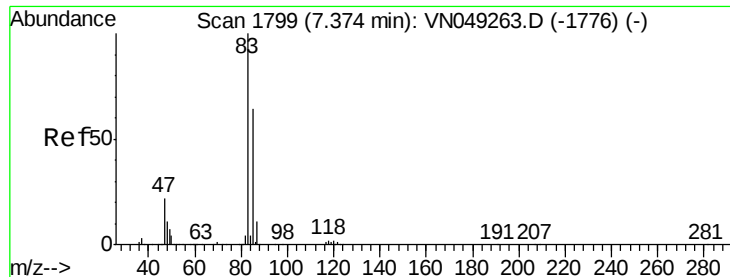
Ion Ratio Lower Upper

42 100

72 16.1 32.2 48.4#

71 16.6 30.5 45.7#

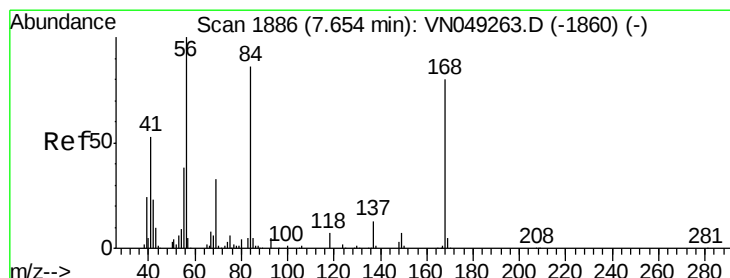
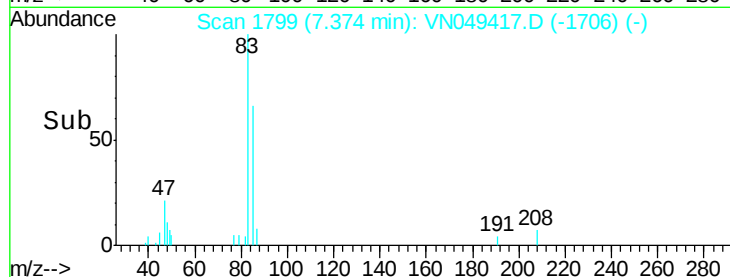
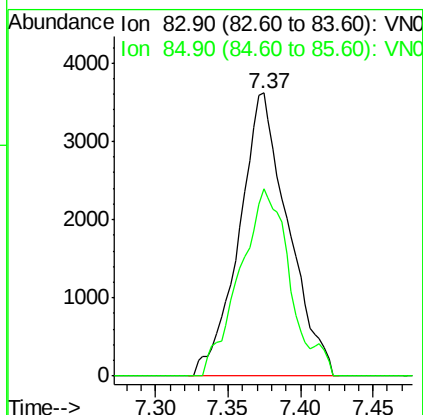
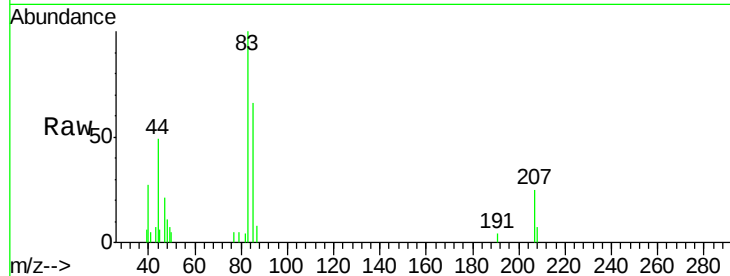




#30
Chloroform
Concen: 0.31 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN049417.D
Acq: 20 Jun 2018 5:46

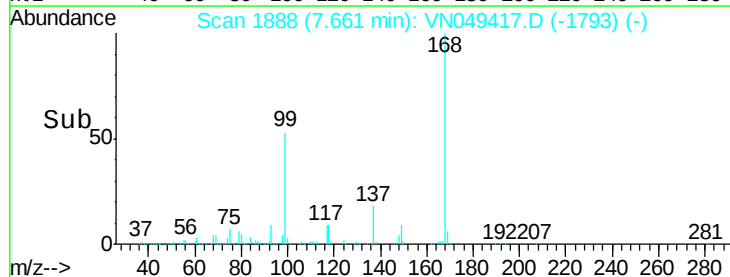
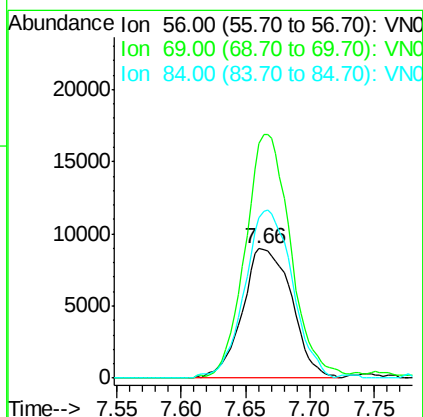
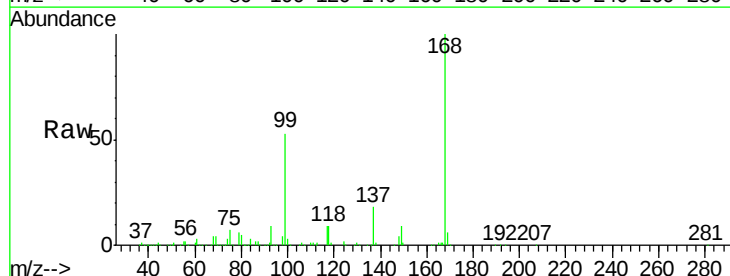
Instrument :
MSVOA_N
ClientSampleId :

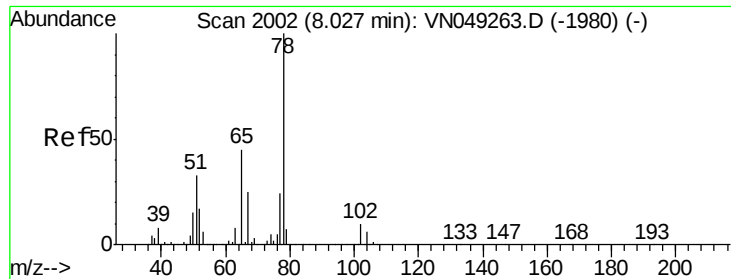
Tot Ion: 83 Resp: 8502
Ion Ratio Lower Upper
83 100
85 66.0 51.7 77.5



#31
Cyclohexane
Concen: 0.86 ug/l
RT: 7.66 min Scan# 1888
Delta R.T. 0.01 min
Lab File: VN049417.D
Acq: 20 Jun 2018 5:46

Tgt Ion: 56 Resp: 23857
Ion Ratio Lower Upper
56 100
69 181.3 25.0 37.4#
84 124.1 64.6 96.8#

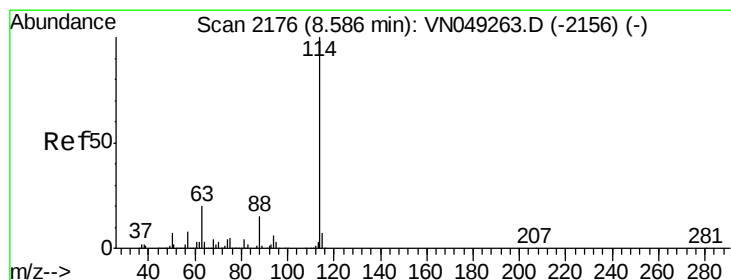
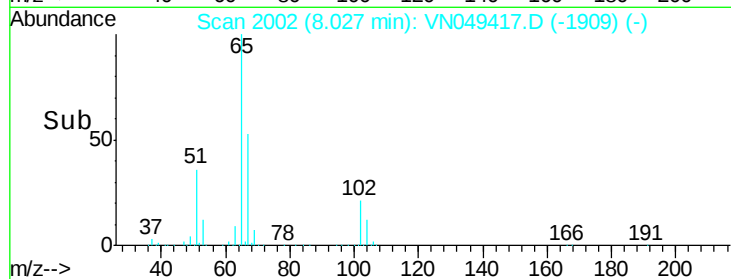
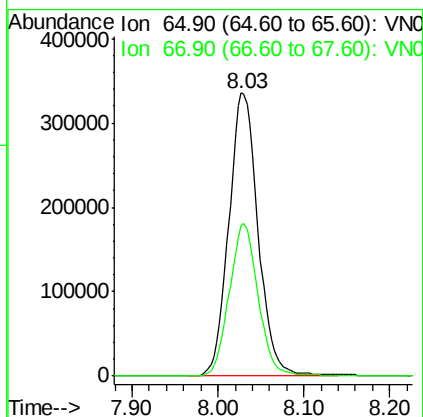
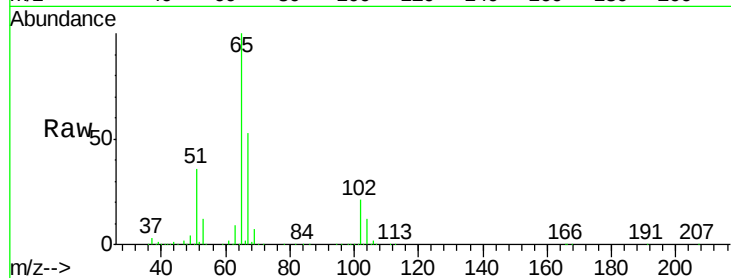




#33
 1,2-Dichloroethane-d4
 Concen: 50.88 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: VN049417.D
 Acq: 20 Jun 2018 5:46

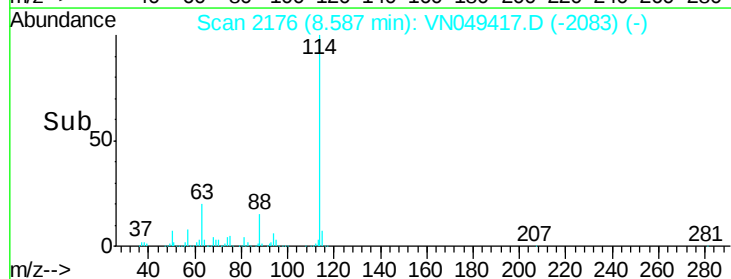
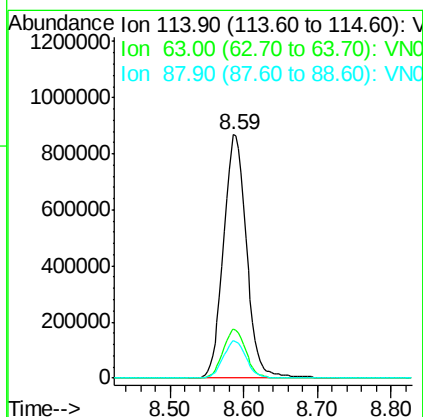
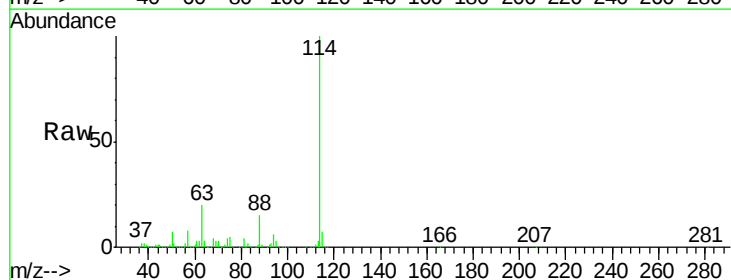
Instrument :
 MSVOA_N
 ClientSampleId :

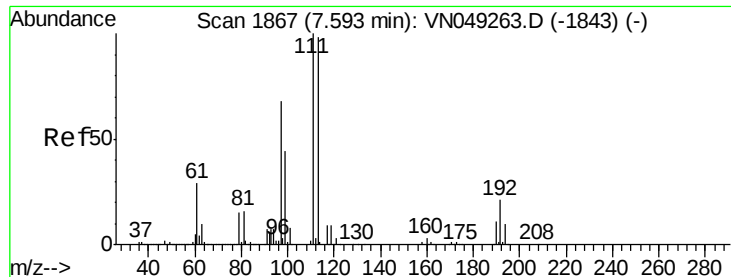
Tot Ion: 65 Resp: 794022
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049417.D
 Acq: 20 Jun 2018 5:46

Tgt Ion: 114 Resp: 1891000
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 44.4
 88 15.3 0.0 31.4

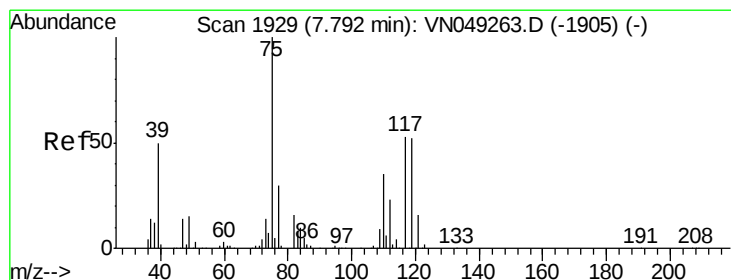
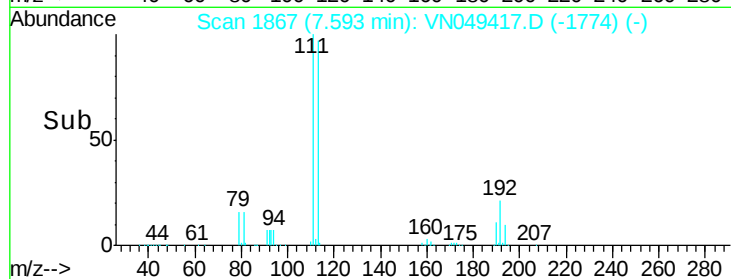
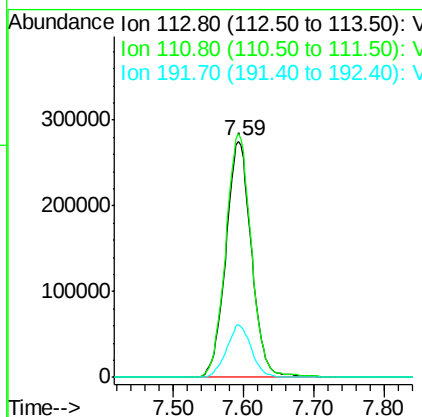
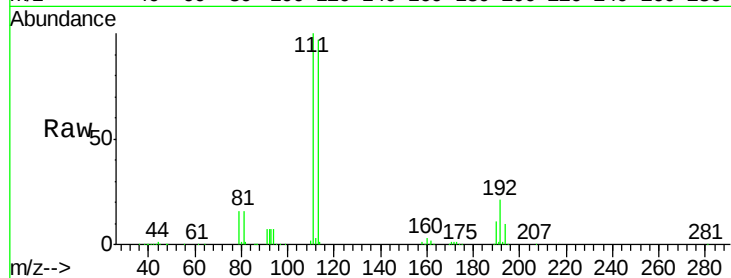




#35
 Dibromofluoromethane
 Concen: 45.73 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049417.D
 Acq: 20 Jun 2018 5:46

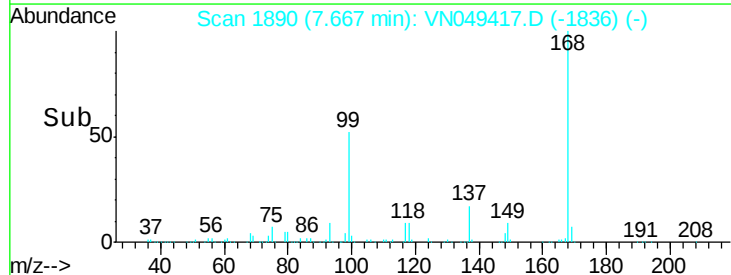
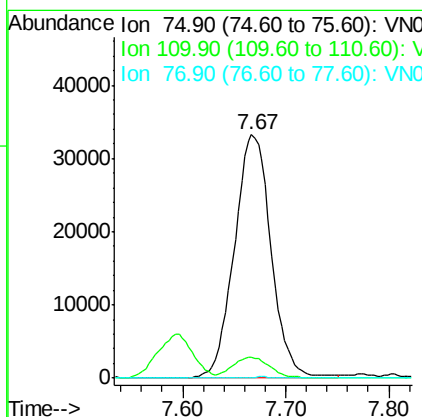
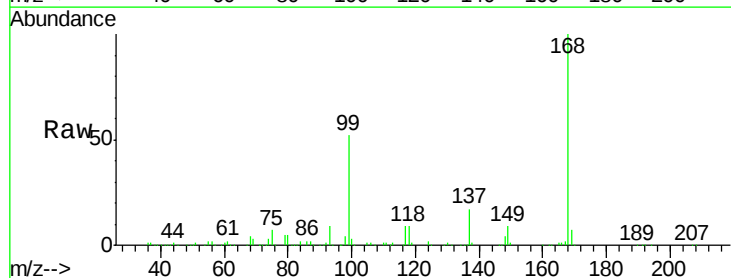
Instrument :
 MSVOA_N
 ClientSampleId :

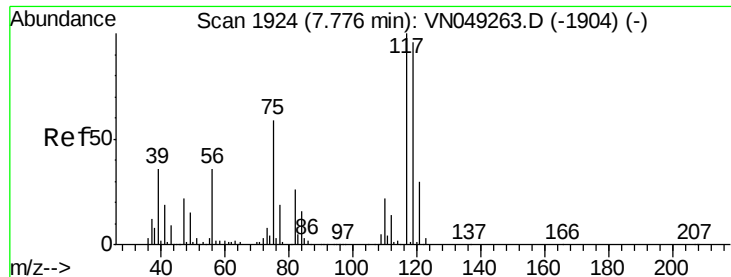
Tot Ion:113 Resp: 699649
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.4 123.6
 192 21.6 15.0 22.6



#36
 1,1-Dichloropropene
 Concen: 3.80 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN049417.D
 Acq: 20 Jun 2018 5:46

Tgt Ion: 75 Resp: 82399
 Ion Ratio Lower Upper
 75 100
 110 8.7 17.0 50.9#
 77 0.1 24.4 36.6#

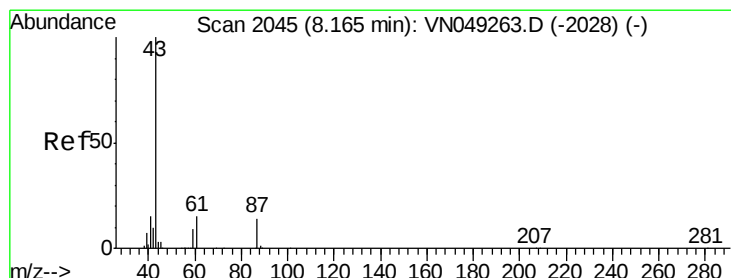
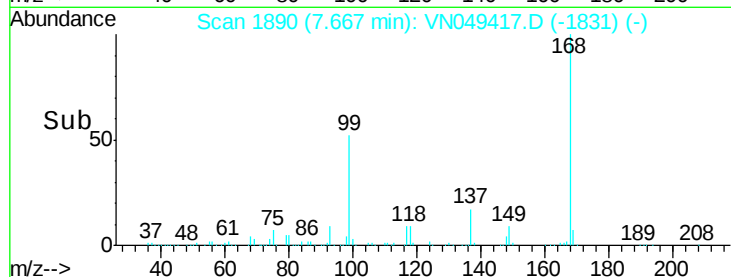
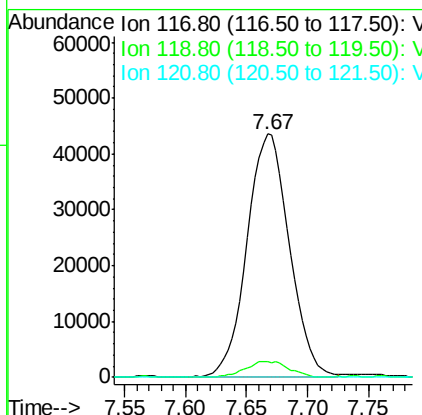
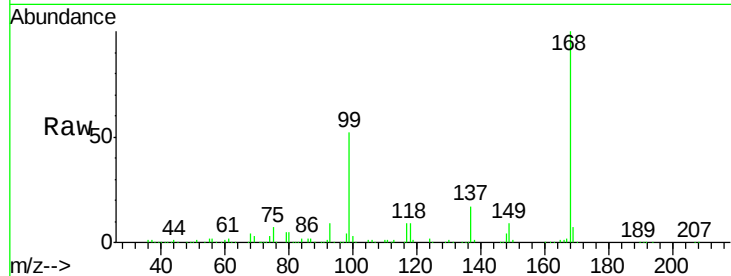




#38
Carbon Tetrachloride
Concen: 4.68 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.11 min
Lab File: VN049417.D
Acq: 20 Jun 2018 5:46

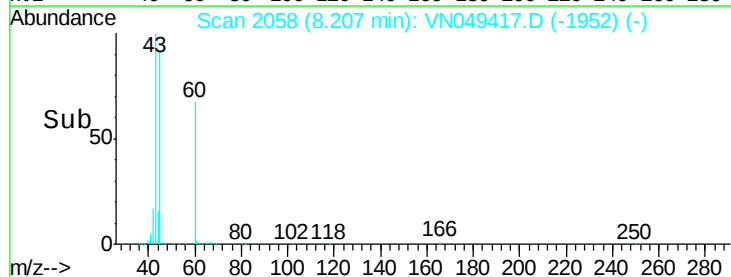
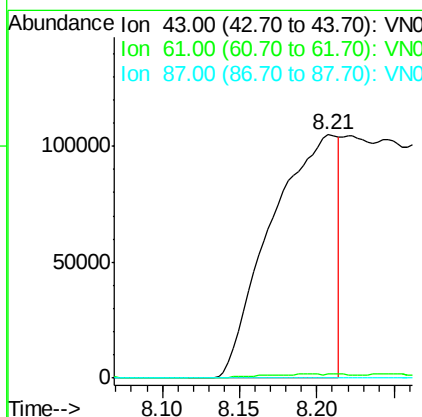
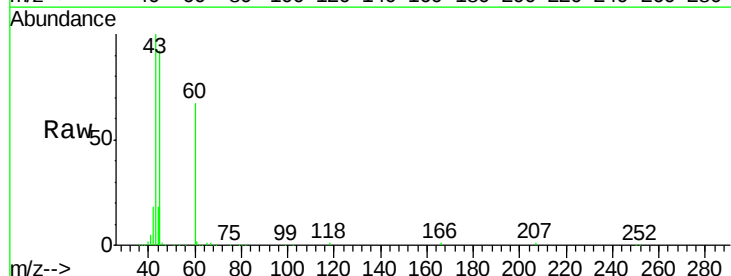
Instrument :
MSVOA_N
ClientSampled :

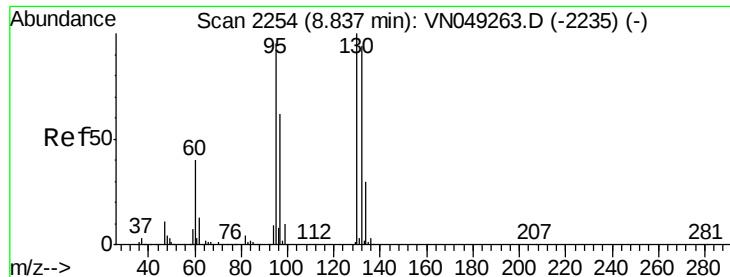
Tot Ion:117 Resp: 105102
Ion Ratio Lower Upper
117 100
119 6.4 75.6 113.4#
121 0.0 24.7 37.1#



#43
Isopropyl Acetate
Concen: 13.87 ug/l
RT: 8.21 min Scan# 2058
Delta R.T. 0.04 min
Lab File: VN049417.D
Acq: 20 Jun 2018 5:46

Tgt Ion: 43 Resp: 312124
Ion Ratio Lower Upper
43 100
61 0.0 14.2 21.4#
87 0.0 9.4 14.0#





#44

Trichloroethene

Concen: 1.49 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN049417.D

Acq: 20 Jun 2018 5:46

Instrument :

MSVOA_N

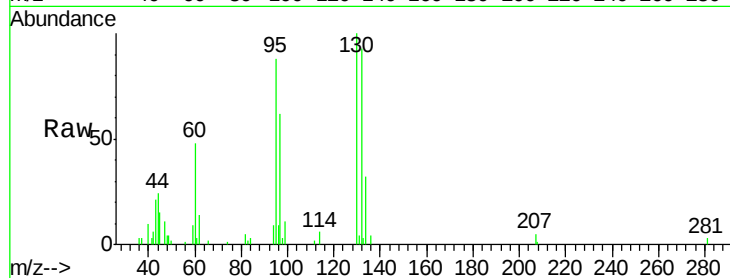
ClientSampled :

Tot Ion:130 Resp: 26155

Ion Ratio Lower Upper

130 100

95 88.2 0.0 208.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0

8.84

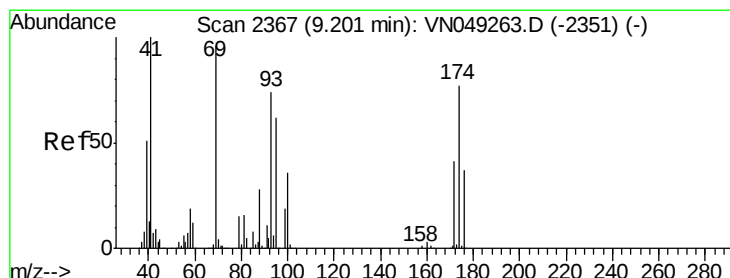
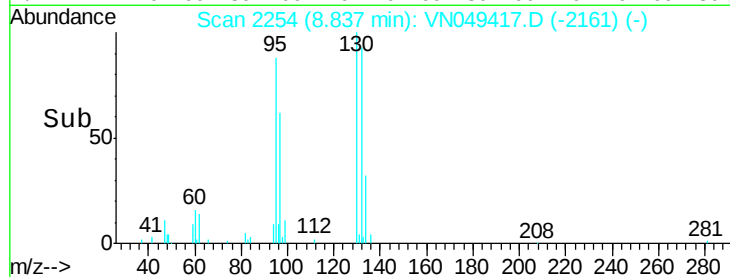
15000

10000

5000

0

Time--> 8.75 8.80 8.85 8.90



#49

1,4-Dioxane

Concen: 1.55 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN049417.D

Acq: 20 Jun 2018 5:46

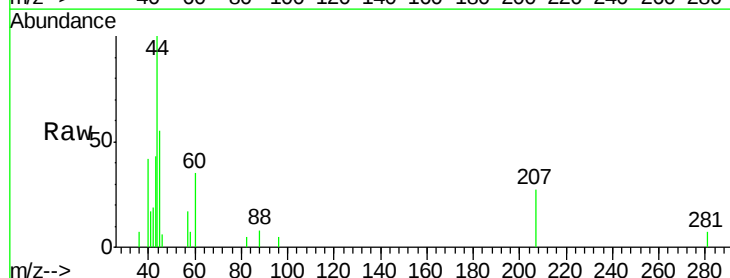
Tgt Ion: 88 Resp: 227

Ion Ratio Lower Upper

88 100

43 37.9 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

2500

2000

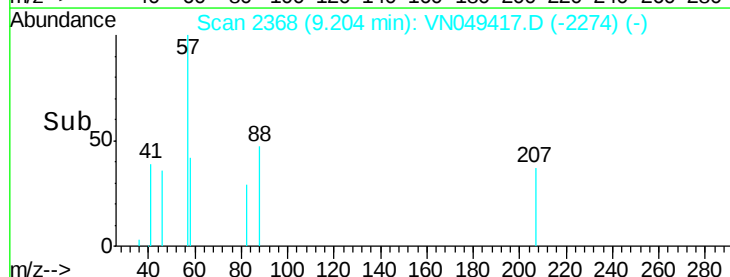
1500

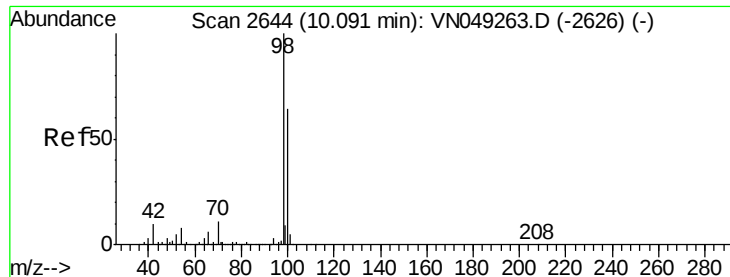
1000

500

0

Time--> 9.18 9.20 9.22





#50

Toluene-d8

Concen: 43.94 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049417.D

Acq: 20 Jun 2018 5:46

Instrument :

MSVOA_N

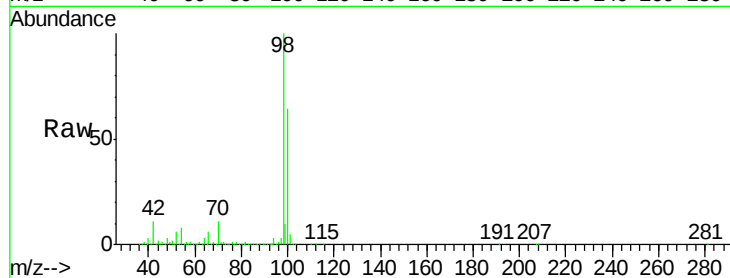
ClientSampled :

Tot Ion: 98 Resp: 2559419

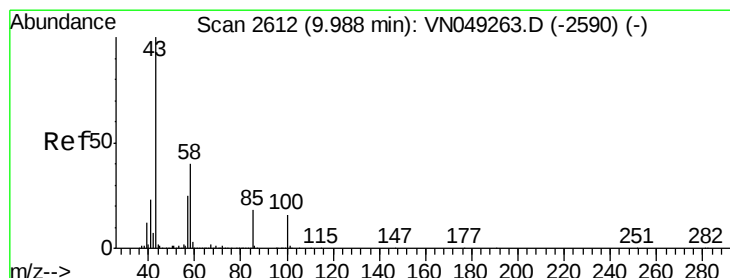
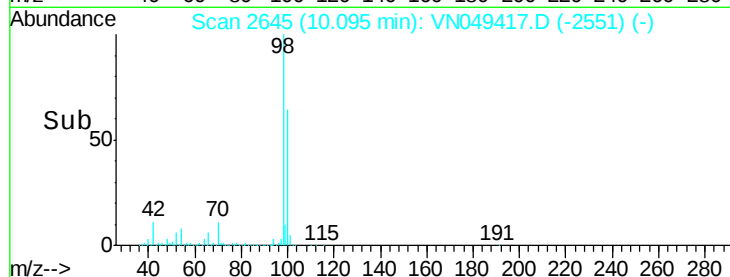
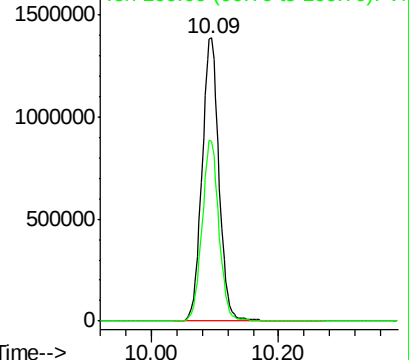
Ion Ratio Lower Upper

98 100

100 63.3 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN049417.D (-2551) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.50 ug/l

RT: 9.99 min Scan# 2612

Delta R.T. 0.00 min

Lab File: VN049417.D

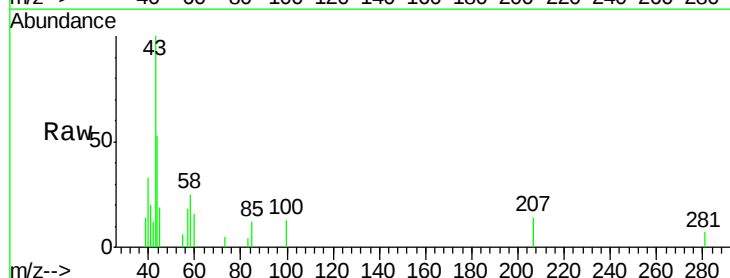
Acq: 20 Jun 2018 5:46

Tgt Ion: 43 Resp: 5908

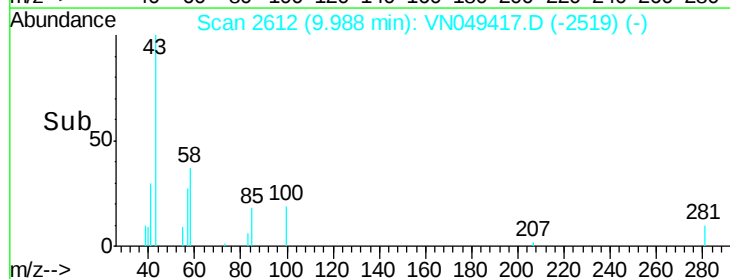
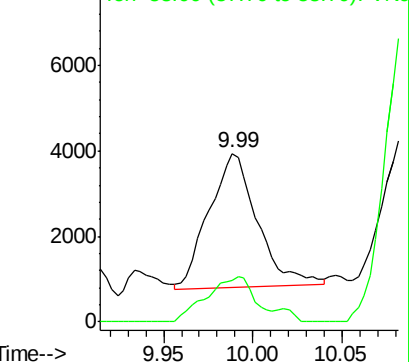
Ion Ratio Lower Upper

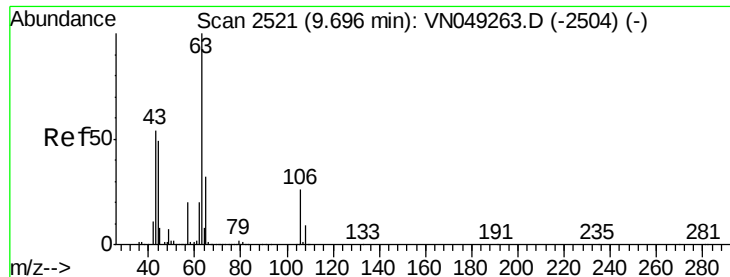
43 100

58 33.3 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN049417.D (-2519) (-)





#58

2-Chloroethyl Vinyl ether

Concen: 14.33 ug/l

RT: 9.70 min Scan# 2522

Delta R.T. 0.00 min

Lab File: VN049417.D

Acq: 20 Jun 2018 5:46

Instrument :

MSVOA_N

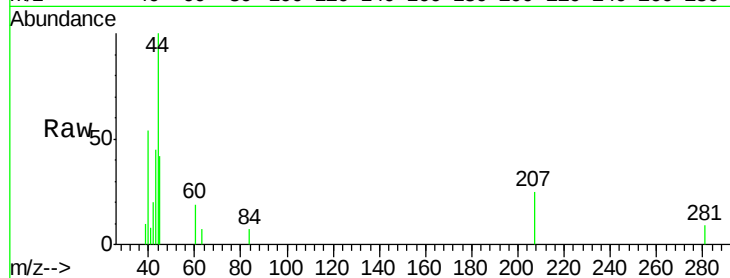
ClientSampleId :

Tot Ion: 63 Resp: 33

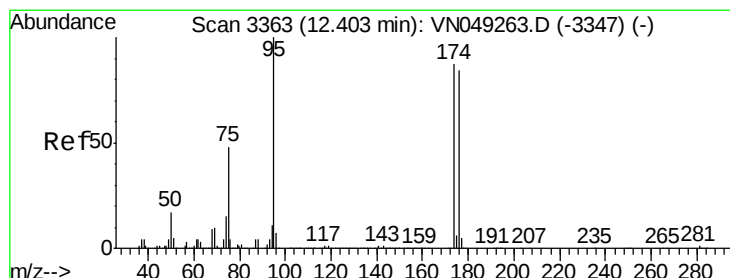
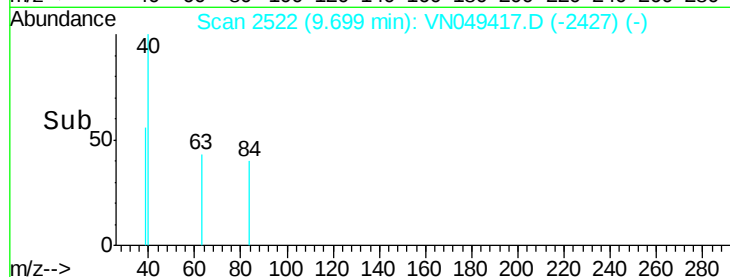
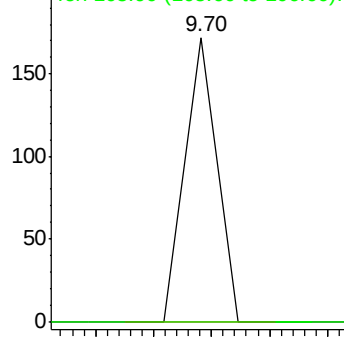
Ion Ratio Lower Upper

63 100

106 0.0 19.4 29.2#



Abundance Ion 62.90 (62.60 to 63.60): VN049417.D (-2427) (-)



#62

4-Bromofluorobenzene

Concen: 33.87 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049417.D

Acq: 20 Jun 2018 5:46

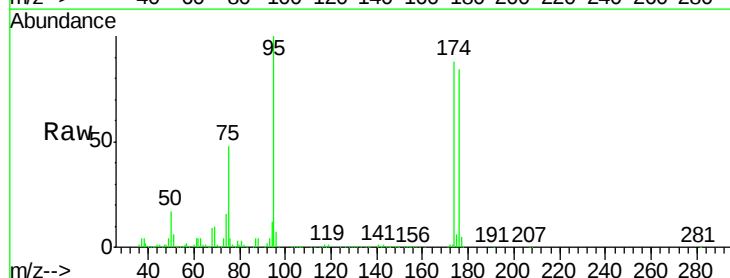
Tgt Ion: 95 Resp: 652405

Ion Ratio Lower Upper

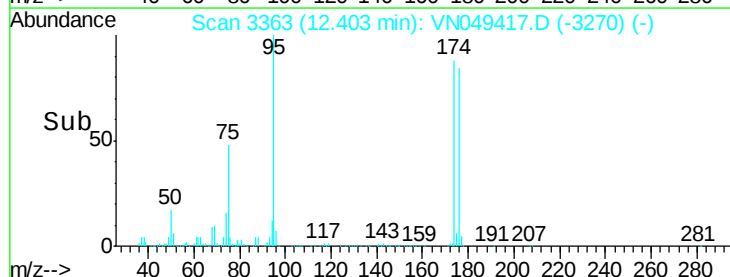
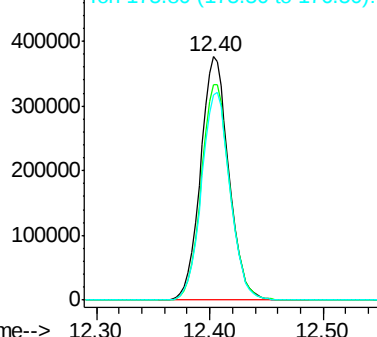
95 100

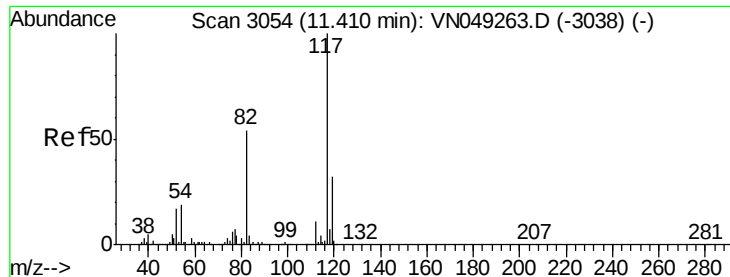
174 89.3 0.0 165.6

176 86.2 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN049417.D (-3270) (-)





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049417.D

Acq: 20 Jun 2018 5:46

Instrument :

MSVOA_N

ClientSampled :

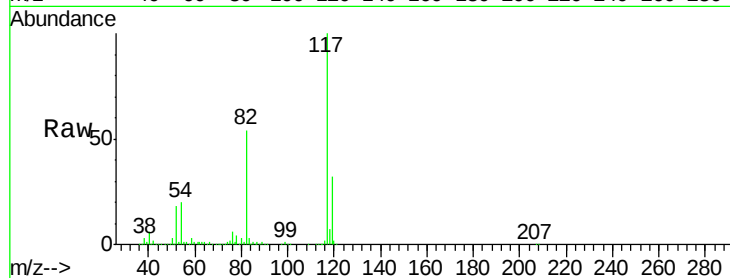
Tot Ion:117 Resp: 1541698

Ion Ratio Lower Upper

117 100

82 54.2 45.9 68.9

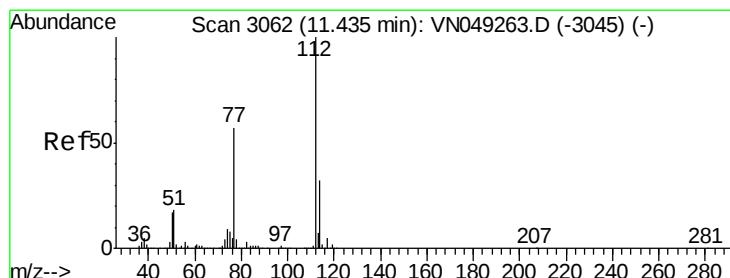
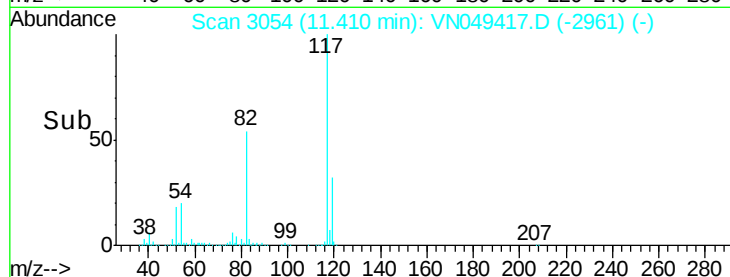
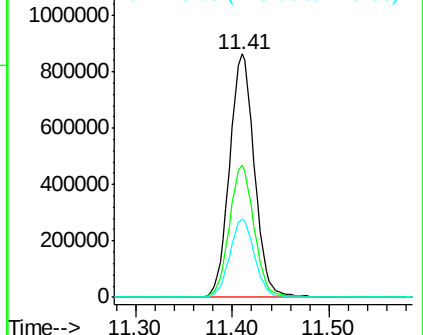
119 32.1 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#65

Chlorobenzene

Concen: 0.31 ug/l

RT: 11.43 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN049417.D

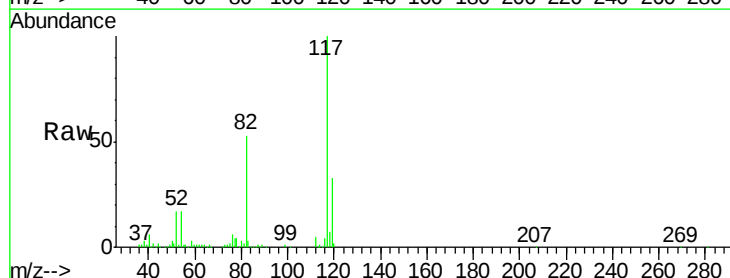
Acq: 20 Jun 2018 5:46

Tgt Ion:112 Resp: 12235

Ion Ratio Lower Upper

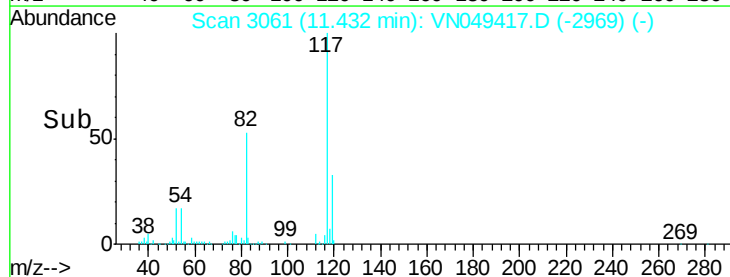
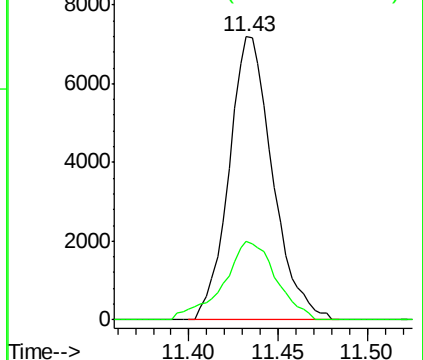
112 100

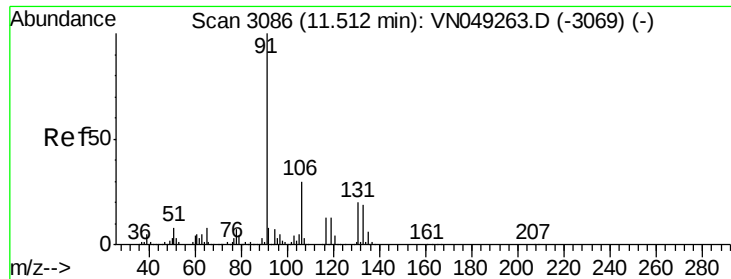
114 27.6 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#67

Ethyl Benzene

Concen: 0.25 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN049417.D

Acq: 20 Jun 2018 5:46

Instrument :

MSVOA_N

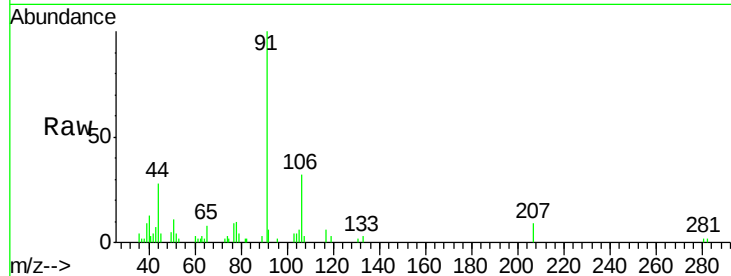
ClientSampled :

Tot Ion: 91 Resp: 16408

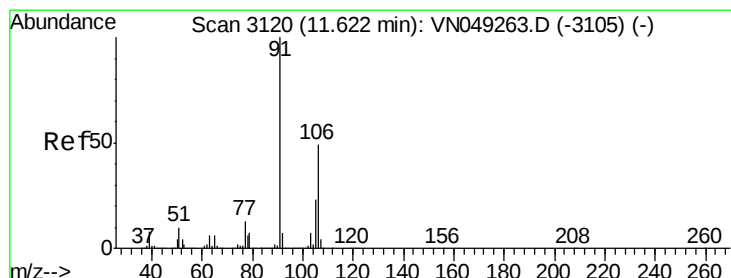
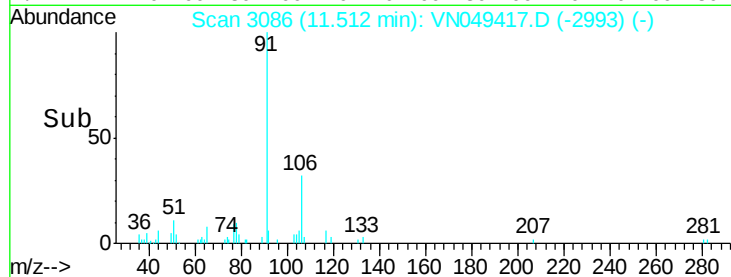
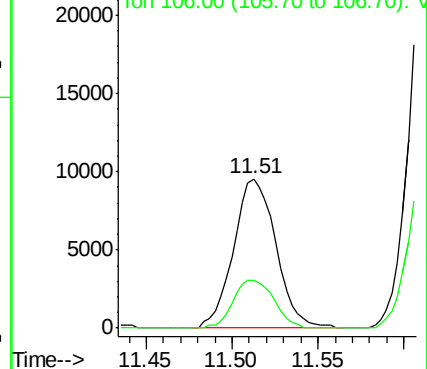
Ion Ratio Lower Upper

91 100

106 32.2 23.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VN049417.D (-2993) (-)



#68

m/p-Xylenes

Concen: 1.17 ug/l

RT: 11.62 min Scan# 3118

Delta R.T. -0.01 min

Lab File: VN049417.D

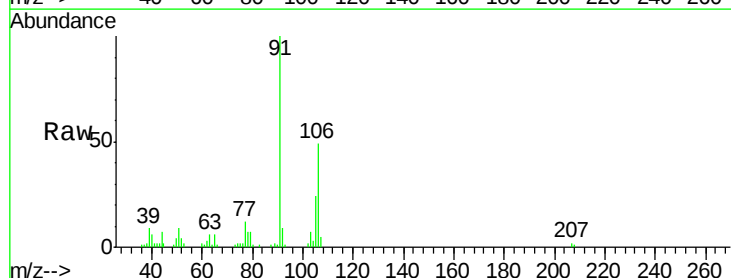
Acq: 20 Jun 2018 5:46

Tgt Ion: 106 Resp: 29019

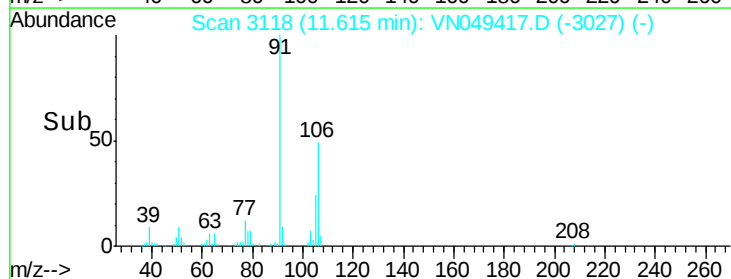
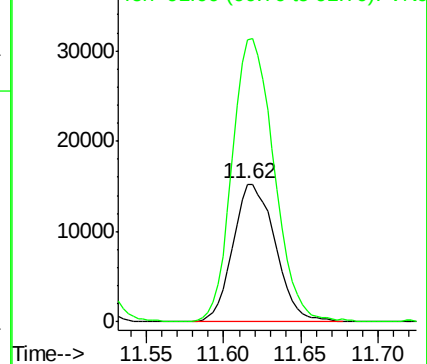
Ion Ratio Lower Upper

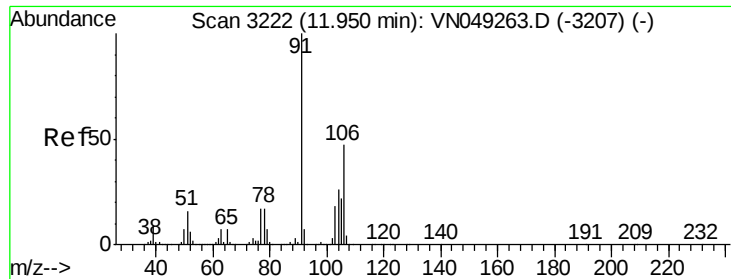
106 100

91 203.4 167.3 250.9



Abundance Ion 106.00 (105.70 to 106.70): VN049417.D (-3027) (-)

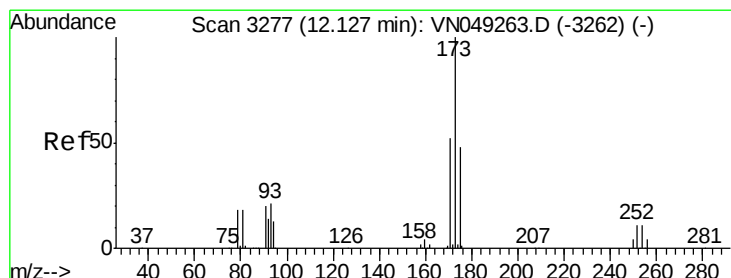
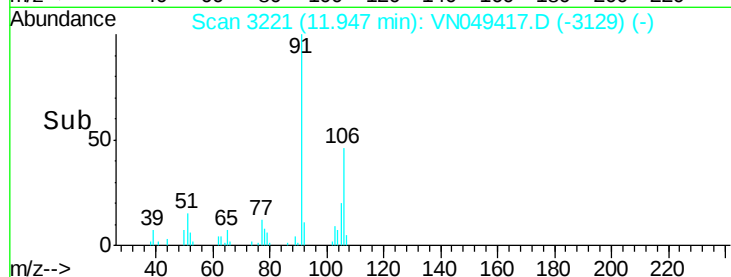
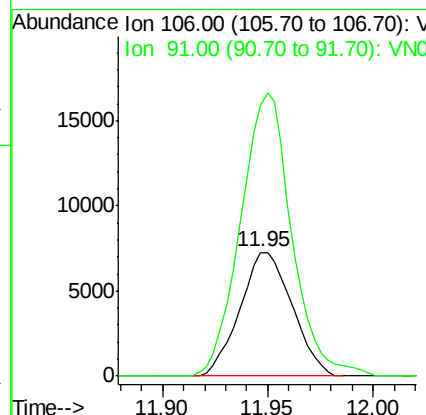
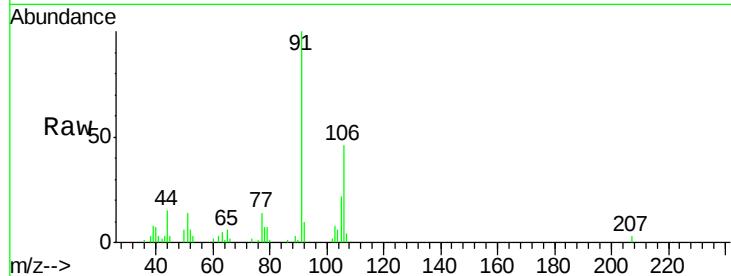




#69
o-Xylene
Concen: 0.53 ug/l
RT: 11.95 min Scan# 3221
Delta R.T. -0.00 min
Lab File: VN049417.D
Acq: 20 Jun 2018 5:46

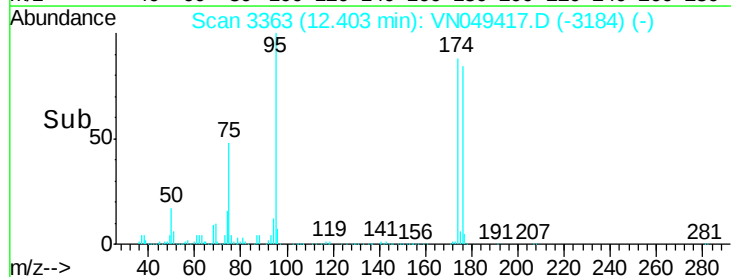
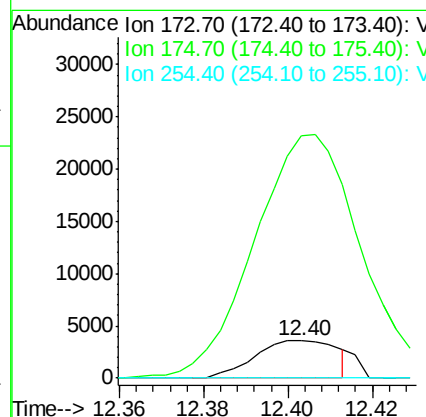
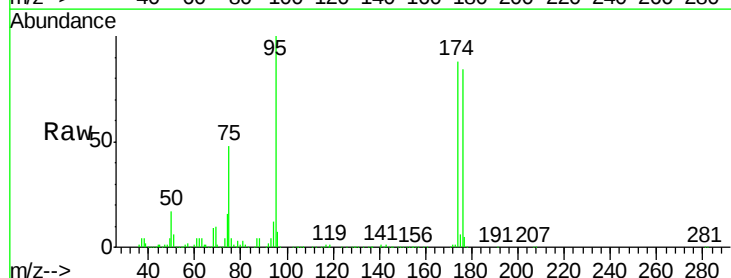
Instrument :
MSVOA_N
ClientSampled :

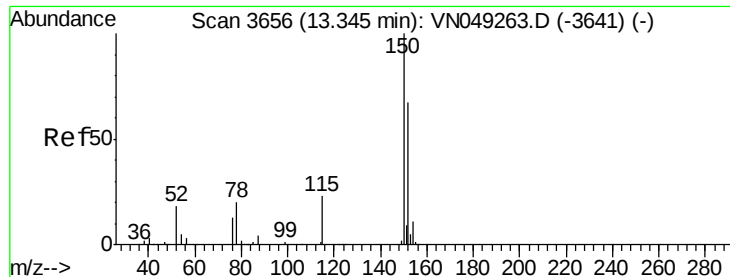
Tot Ion:106 Resp: 12506
Ion Ratio Lower Upper
106 100
91 224.4 111.0 333.0



#71
Bromoform
Concen: 0.50 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.28 min
Lab File: VN049417.D
Acq: 20 Jun 2018 5:46

Tgt Ion:173 Resp: 4838
Ion Ratio Lower Upper
173 100
175 677.5 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: VN049417.D

Acq: 20 Jun 2018 5:46

Instrument :

MSVOA_N

ClientSampleId :

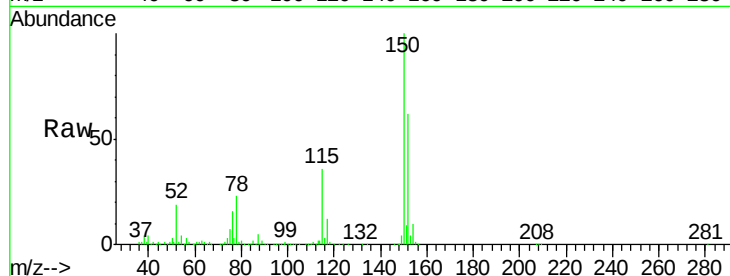
Tot Ion:152 Resp: 459483

Ion Ratio Lower Upper

152 100

115 57.5 28.7 86.1

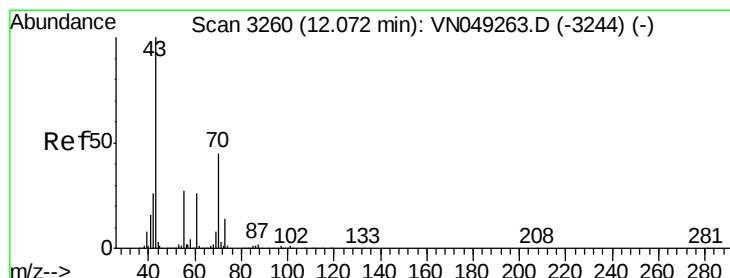
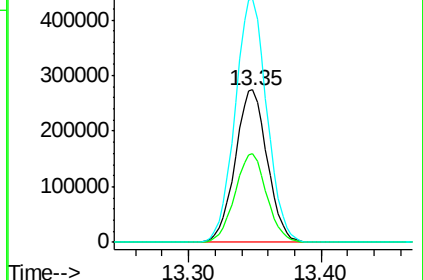
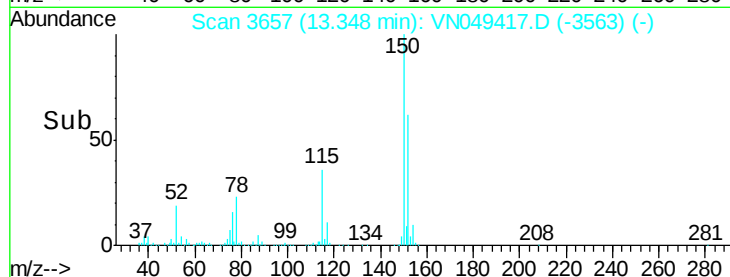
150 158.7 0.0 351.0



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: 0.29 ug/l

RT: 12.05 min Scan# 3252

Delta R.T. -0.03 min

Lab File: VN049417.D

Acq: 20 Jun 2018 5:46

Tgt Ion: 43 Resp: 2847

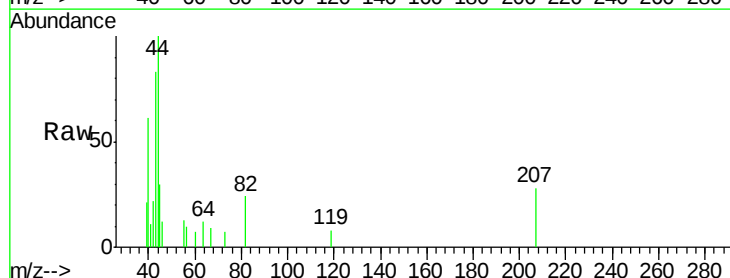
Ion Ratio Lower Upper

43 100

70 0.0 30.3 45.5#

55 10.9 19.4 29.2#

61 0.0 17.8 26.6#

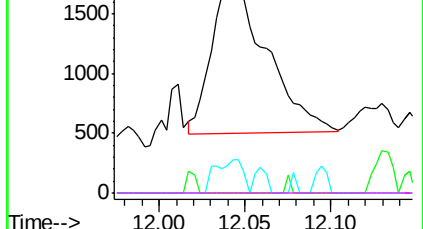
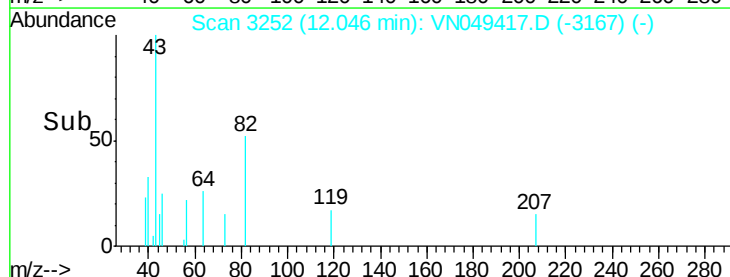


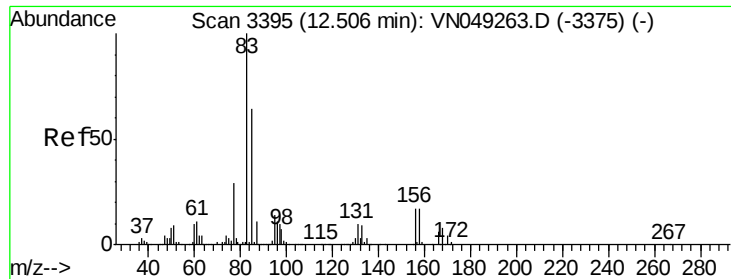
Abundance Ion 43.00 (42.70 to 43.70): V

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: 12.49 min Scan# 3389

Delta R.T. -0.02 min

Lab File: VN049417.D

Acq: 20 Jun 2018 5:46

Instrument :

MSVOA_N

ClientSampled :

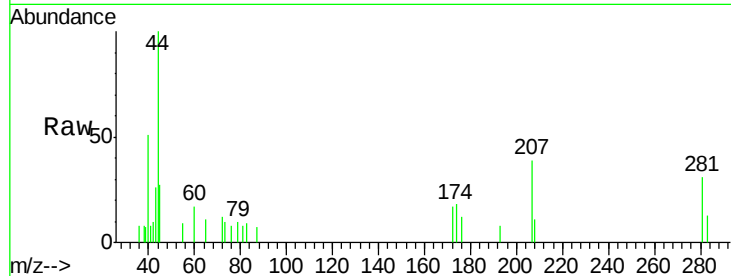
Tot Ion: 83 Resp: 71

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

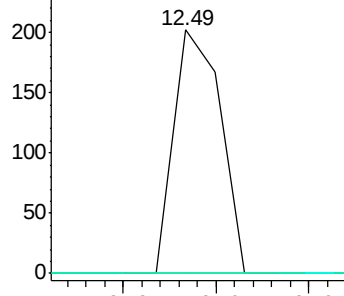
85 0.0 32.0 96.0#



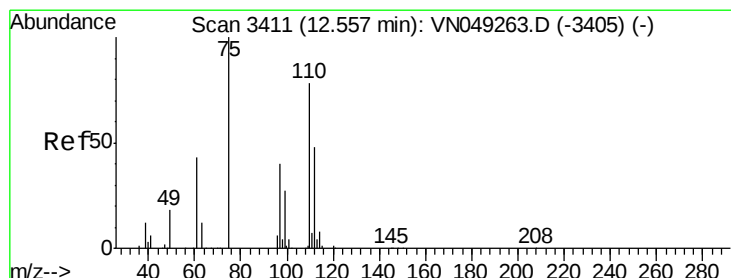
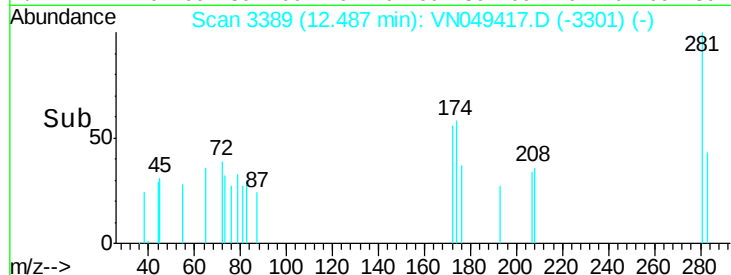
Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



Time-->



#76

1,2,3-Trichloropropane

Concen: 39.90 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049417.D

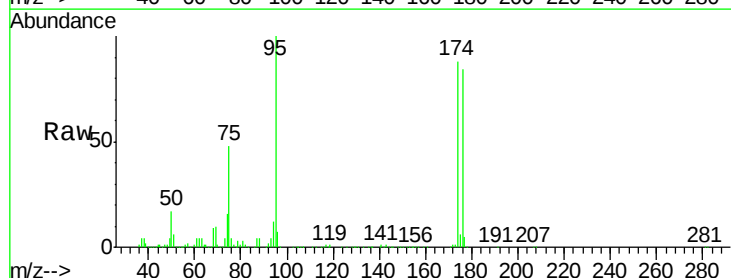
Acq: 20 Jun 2018 5:46

Tgt Ion: 75 Resp: 312805

Ion Ratio Lower Upper

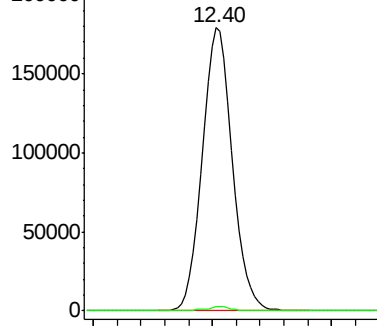
75 100

77 1.3 0.0 0.0#

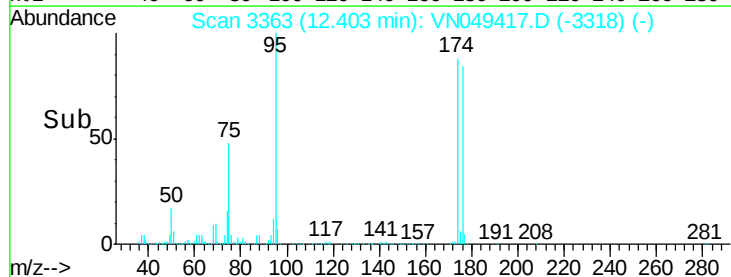


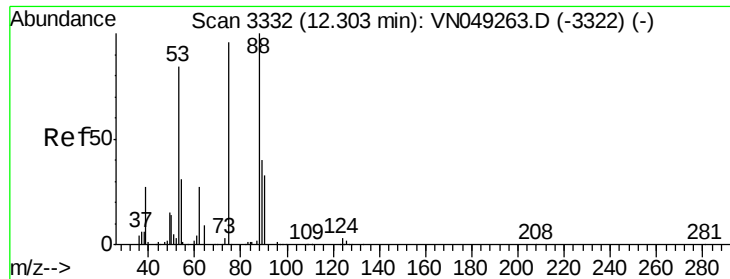
Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



Time-->

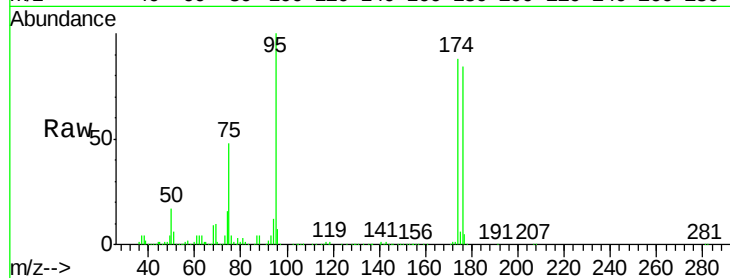




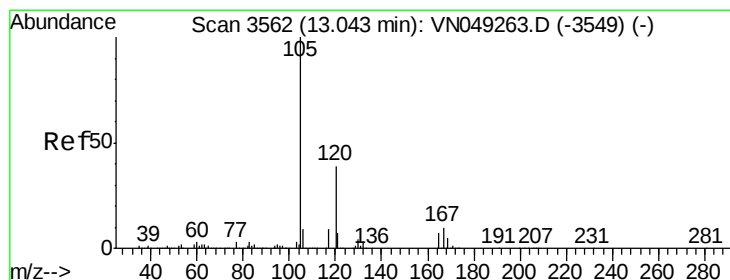
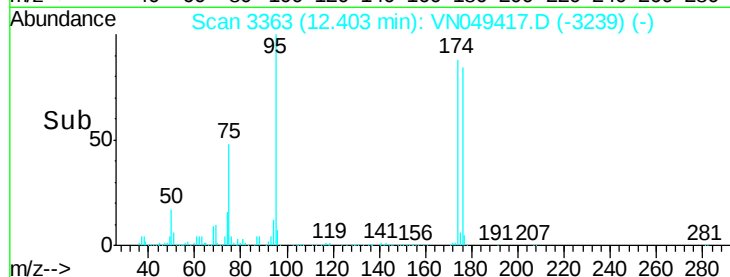
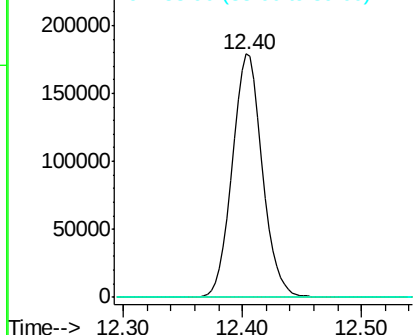
#81
trans-1,4-Dichloro-2-butene
Concen: 126.10 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.10 min
Lab File: VN049417.D
Acq: 20 Jun 2018 5:46

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 75 Resp: 312805
Ion Ratio Lower Upper
75 100
53 0.2 82.7 124.1#
89 0.0 36.5 54.7#

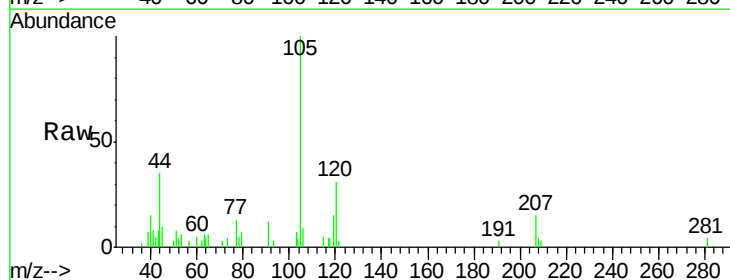


Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 53.00 (52.70 to 53.70): VN0
Ion 88.90 (88.60 to 89.60): VN0

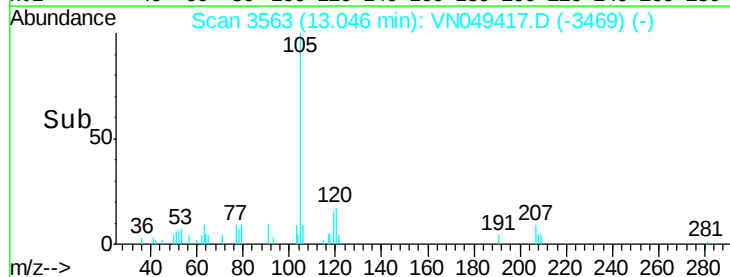
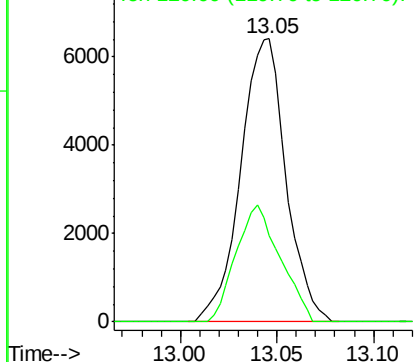


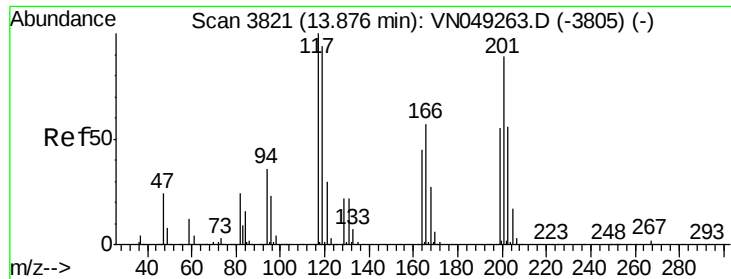
#84
1,2,4-Trimethylbenzene
Concen: 0.33 ug/l
RT: 13.05 min Scan# 3563
Delta R.T. 0.00 min
Lab File: VN049417.D
Acq: 20 Jun 2018 5:46

Tgt Ion: 105 Resp: 10437
Ion Ratio Lower Upper
105 100
120 40.3 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: 13.89 min Scan# 3824

Delta R.T. 0.01 min

Lab File: VN049417.D

Acq: 20 Jun 2018 5:46

Instrument :

MSVOA_N

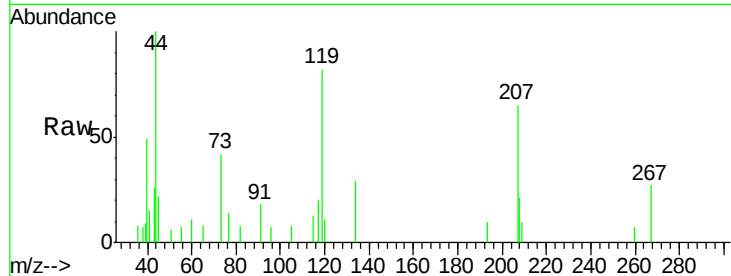
ClientSampled :

Tot Ion:117 Resp: 557

Ion Ratio Lower Upper

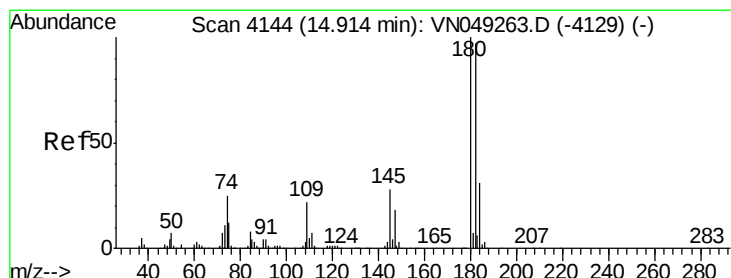
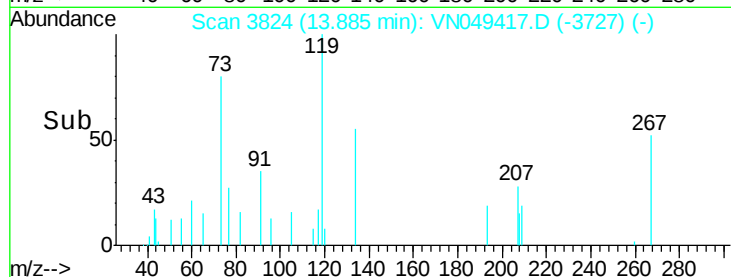
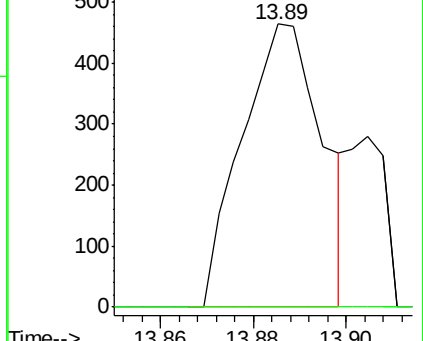
117 100

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: 4.83 ug/l

RT: 14.92 min Scan# 4145

Delta R.T. 0.00 min

Lab File: VN049417.D

Acq: 20 Jun 2018 5:46

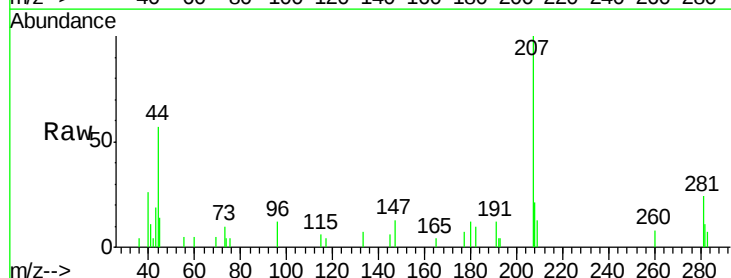
Tgt Ion:180 Resp: 794

Ion Ratio Lower Upper

180 100

182 87.0 46.9 140.8

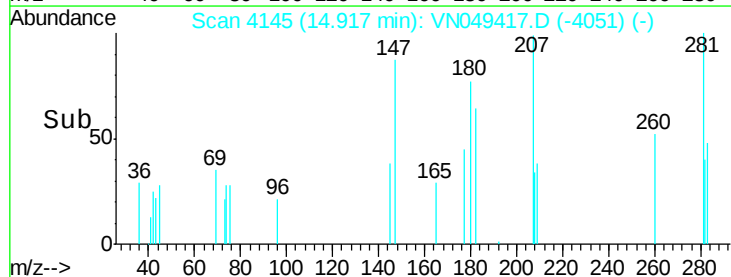
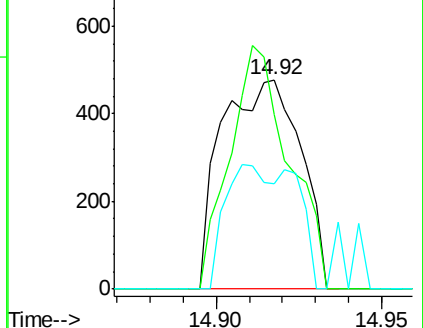
145 35.5 14.7 44.1

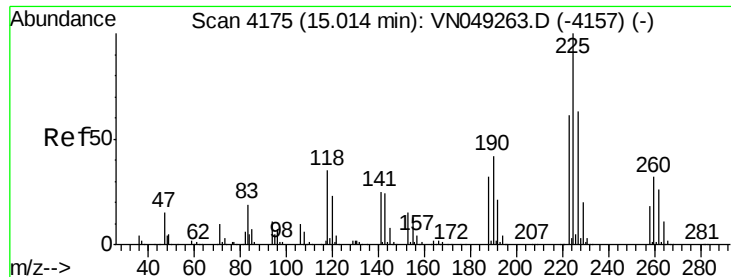


Abundance Ion 179.80 (179.50 to 180.50): V

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: VN049417.D

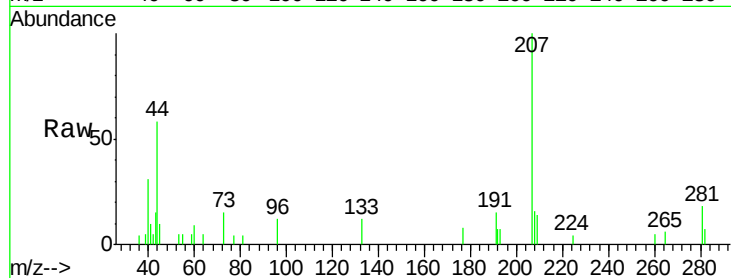
Acq: 20 Jun 2018 5:46

Instrument :

MSVOA_N

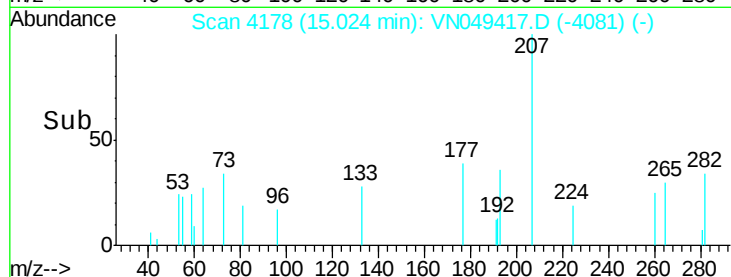
ClientSampleId :

Tot Ion:	225	Resp:	30
Ion	Ratio	Lower	Upper
225	100		
223	0.0	32.1	96.3#
227	0.0	31.8	95.3#

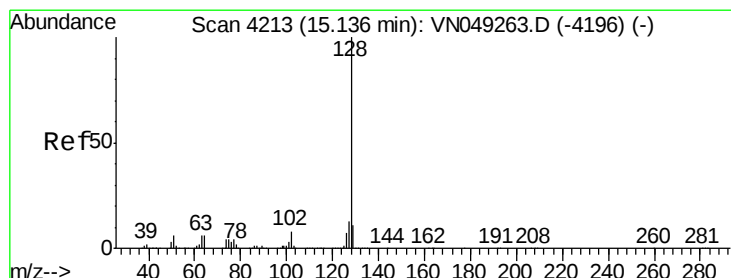


Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

15.02



Time-->



#95

Naphthalene

Concen: 56.00 ug/l

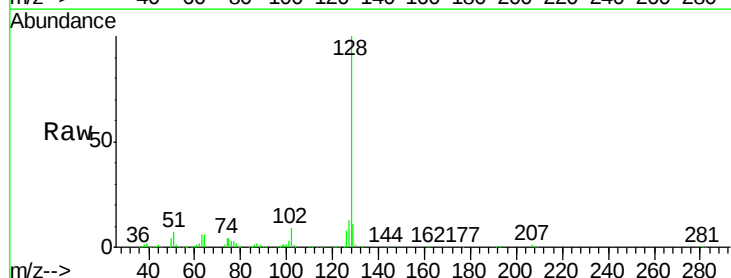
RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049417.D

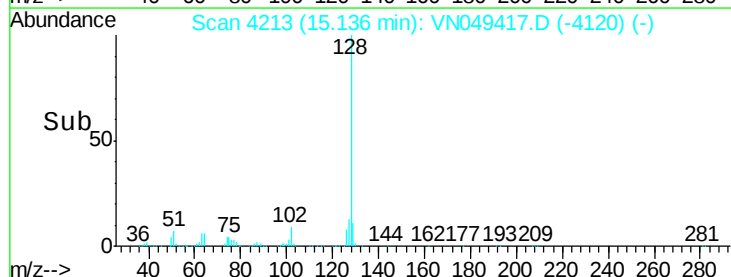
Acq: 20 Jun 2018 5:46

Tgt Ion:	128	Resp:	798955
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	16.0
129	10.7	8.5	12.7

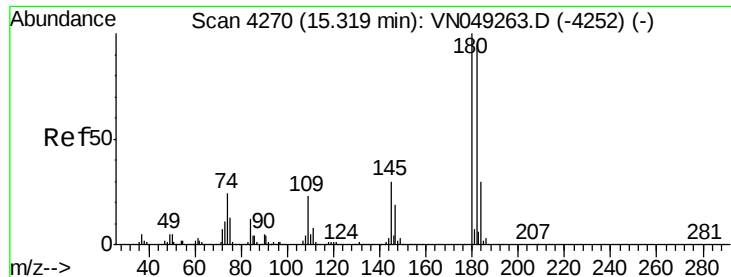


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

15.14



Time-->



#96
 1,2,3-Trichlorobenzene
 Concen: 3.55 ug/l
 RT: 15.32 min Scan# 4269
 Delta R.T. -0.00 min
 Lab File: VN049417.D
 Acq: 20 Jun 2018 5:46

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	89.2	47.3	141.8
145	61.6	15.6	46.7#

