

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062818\
 Data File : VN049593.D
 Acq On : 28 Jun 2018 16:42
 Operator : MD\SY
 Sample : PB110627ZHE#16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 29 01:39:29 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	1162437	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1873222	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1533735	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	591119	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	776873	50.39	ug/l	0.00
Spiked Amount			Recovery	=	100.78%	
35) Dibromofluoromethane	7.59	113	646545	42.66	ug/l	0.00
Spiked Amount			Recovery	=	85.32%	
50) Toluene-d8	10.09	98	2496536	43.26	ug/l	0.00
Spiked Amount			Recovery	=	86.52%	
62) 4-Bromofluorobenzene	12.40	95	713314	37.38	ug/l	0.00
Spiked Amount			Recovery	=	74.76%	

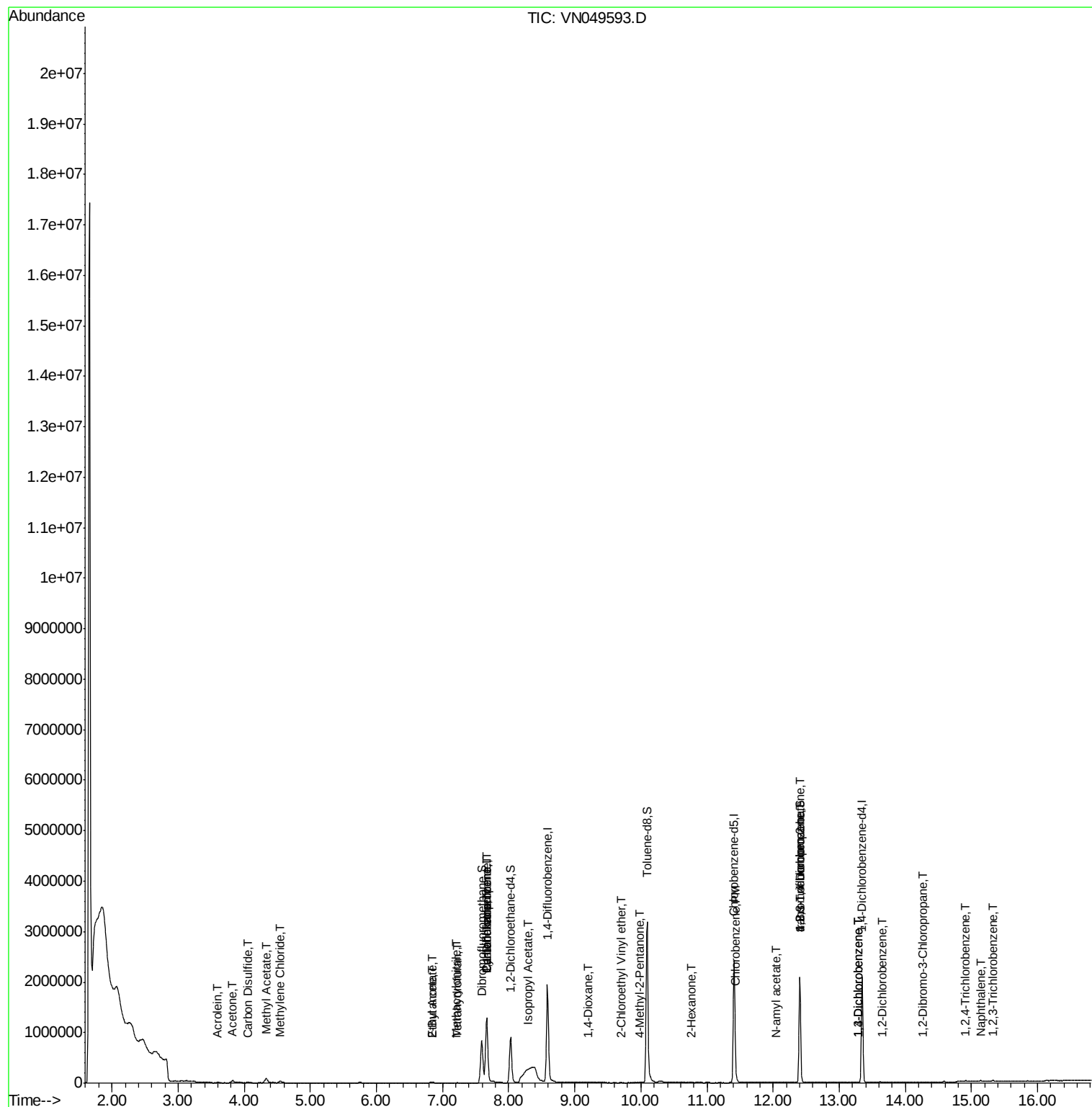
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.60	56	2367	2.49	ug/l	90
16) Acetone	3.82	43	77544	20.71	ug/l	95
17) Carbon Disulfide	4.05	76	10035	0.24	ug/l #	88
18) Methyl Acetate	4.33	43	166542	14.59	ug/l	96
20) Methylene Chloride	4.55	84	18630	1.19	ug/l	89
25) 2-Butanone	6.85	43	10730	2.13	ug/l	96
29) Tetrahydrofuran	7.23	42	4830	1.49	ug/l #	66
31) Cyclohexane	7.67	56	22000	0.79	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	81457	3.79	ug/l #	50
37) Ethyl Acetate	6.85	43	10730	0.92	ug/l #	89
38) Carbon Tetrachloride	7.67	117	100939	4.54	ug/l #	17
41) Methacrylonitrile	7.20	41	1569	0.25	ug/l #	100
43) Isopropyl Acetate	8.29	43	474453	21.28	ug/l #	64
49) 1,4-Dioxane	9.20	88	64	0.44	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	7036	0.60	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.70	63	174	14.35	ug/l #	51
59) 2-Hexanone	10.76	43	3095	0.41	ug/l	74
65) Chlorobenzene	11.44	112	14676	0.37	ug/l	98
74) N-amyl acetate	12.05	43	5316	0.42	ug/l #	51
75) 1,1,2,2-Tetrachloroethane	12.51	83	719	Below Cal	#	96
76) 1,2,3-Trichloropropane	12.40	75	344165	34.12	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	344165	107.85	ug/l #	9
87) 1,3-Dichlorobenzene	13.29	146	5085	0.23	ug/l	90
88) 1,4-Dichlorobenzene	13.29	146	5085	0.23	ug/l	89
90) Hexachloroethane	13.88	117	66	Below Cal	#	9
91) 1,2-Dichlorobenzene	13.65	146	5157	0.23	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.26	75	986	0.55	ug/l	56
93) 1,2,4-Trichlorobenzene	14.91	180	5290	5.22	ug/l	80
94) Hexachlorobutadiene	15.02	225	2497	Below Cal		81
95) Naphthalene	15.14	128	15457	3.02	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.32	180	7014	4.12	ug/l	95

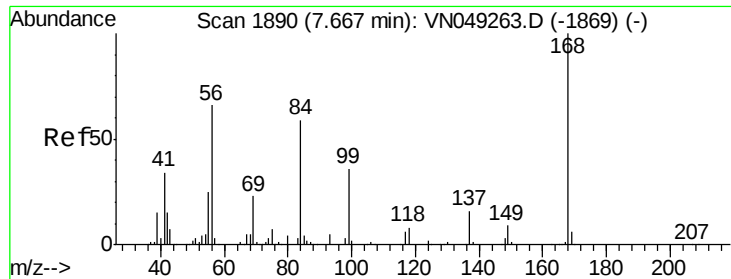
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049593.D

Acq: 28 Jun 2018 16:42

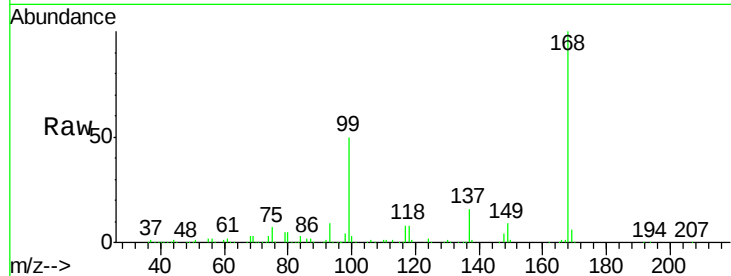
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 1162437

Ion Ratio Lower Upper

168 100

99 50.0 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

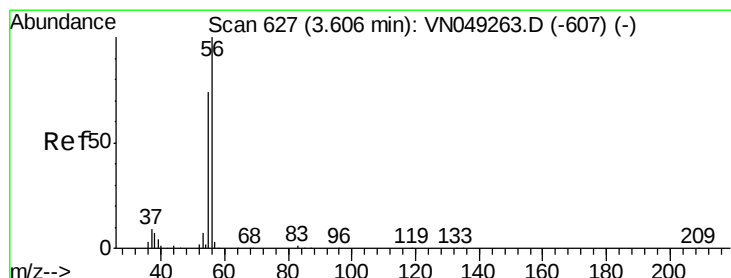
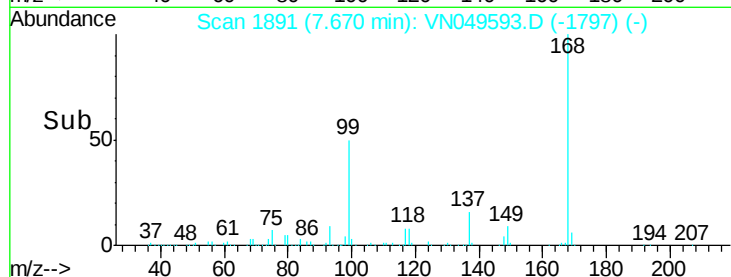
300000

200000

100000

0

Time-->



#13

Acrolein

Concen: 2.49 ug/l

RT: 3.60 min Scan# 626

Delta R.T. -0.00 min

Lab File: VN049593.D

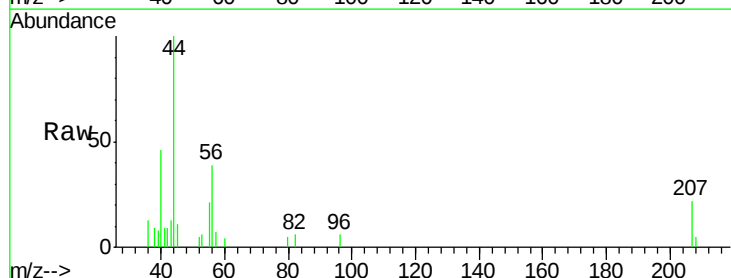
Acq: 28 Jun 2018 16:42

Tgt Ion: 56 Resp: 2367

Ion Ratio Lower Upper

56 100

55 63.2 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

3.60

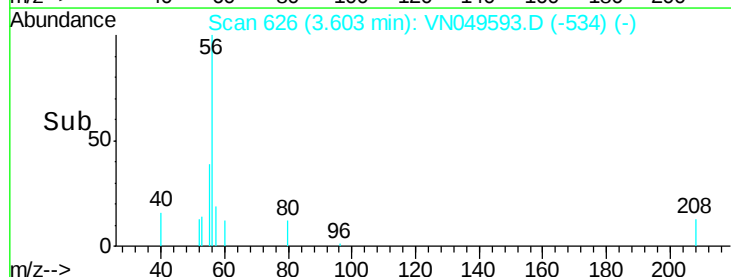
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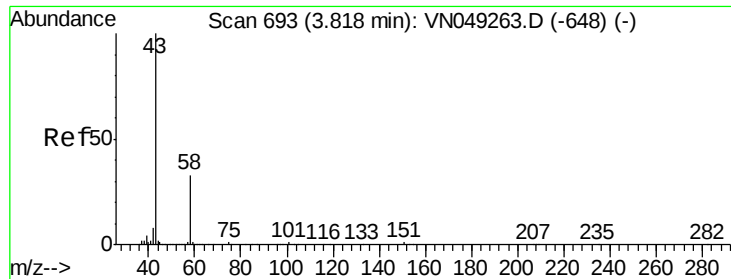
1000

500

0

Time-->





#16

Acetone

Concen: 20.71 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049593.D

Acq: 28 Jun 2018 16:42

Instrument :

MSVOA_N

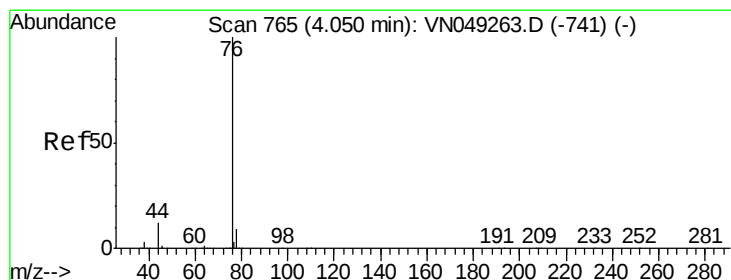
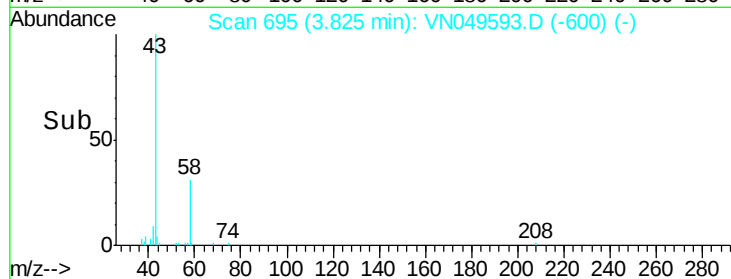
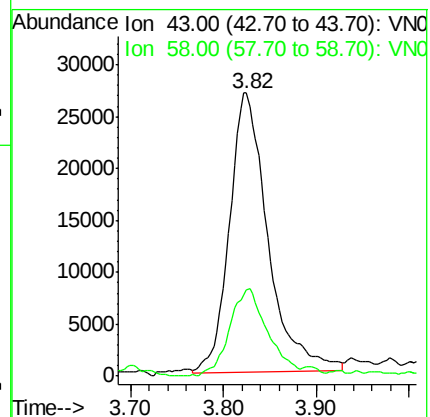
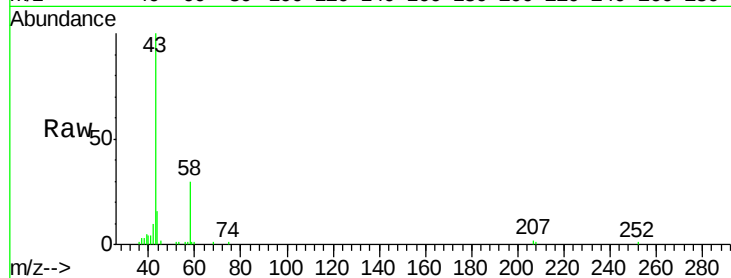
ClientSampleId :

Tot Ion: 43 Resp: 77544

Ion Ratio Lower Upper

43 100

58 30.5 22.4 33.6



#17

Carbon Disulfide

Concen: 0.24 ug/l

RT: 4.05 min Scan# 765

Delta R.T. 0.00 min

Lab File: VN049593.D

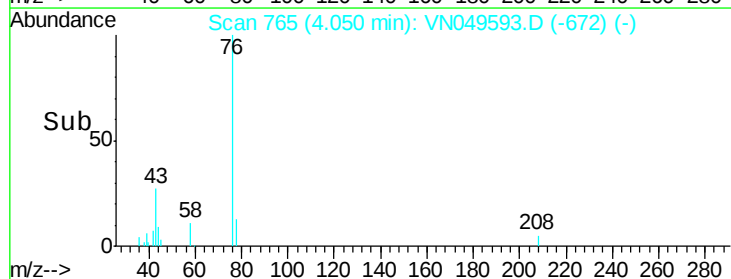
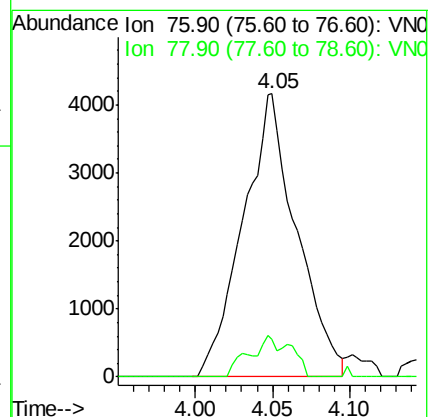
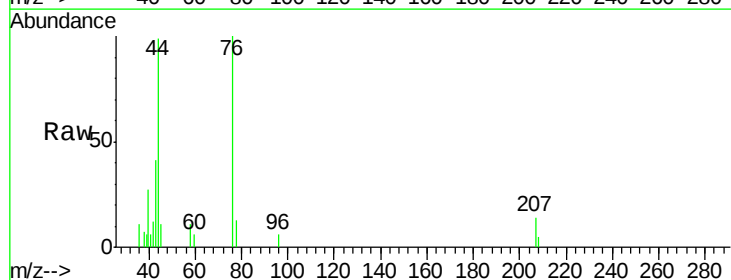
Acq: 28 Jun 2018 16:42

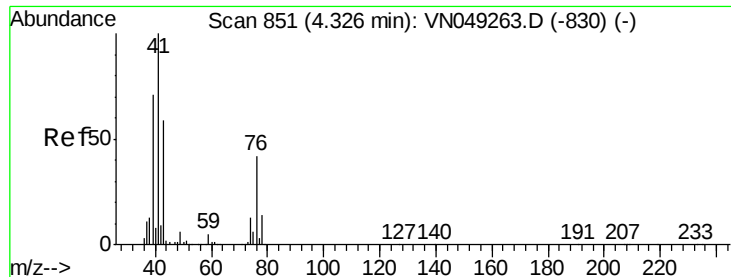
Tgt Ion: 76 Resp: 10035

Ion Ratio Lower Upper

76 100

78 13.4 7.4 11.0#

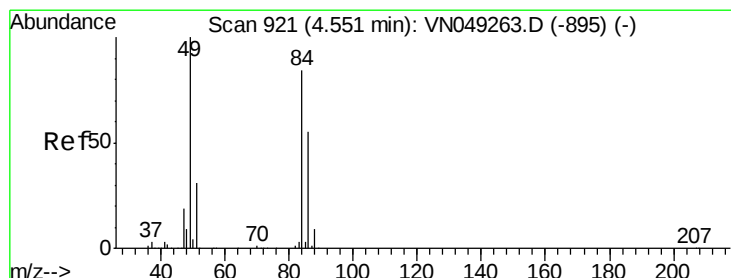
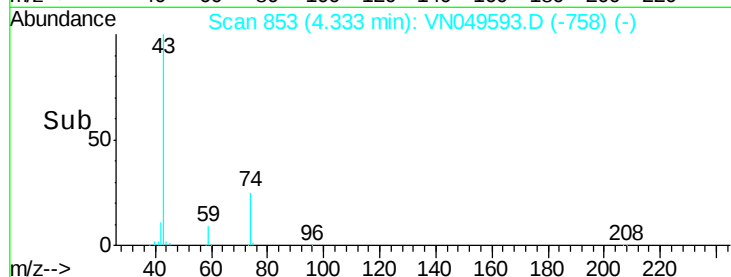
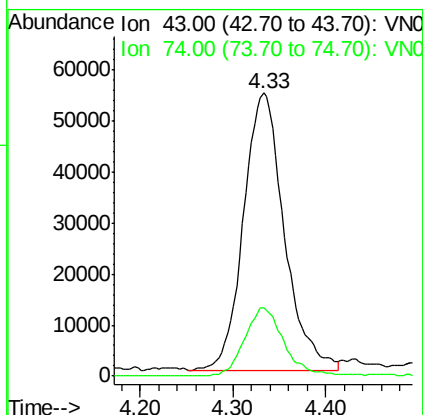
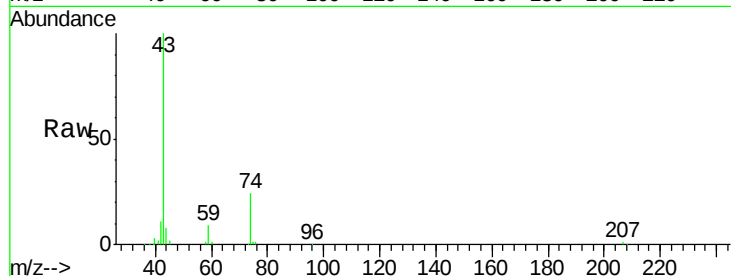




#18
Methvl Acetate
Concen: 14.59 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049593.D
Acq: 28 Jun 2018 16:42

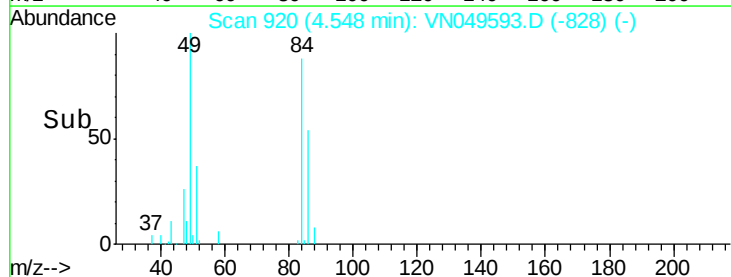
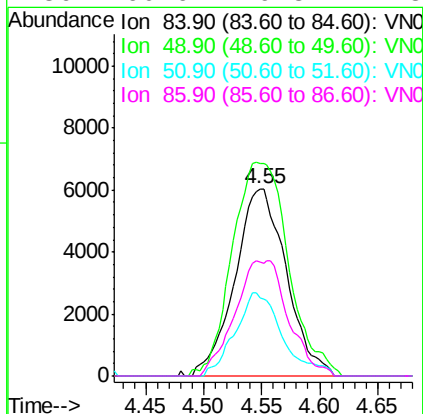
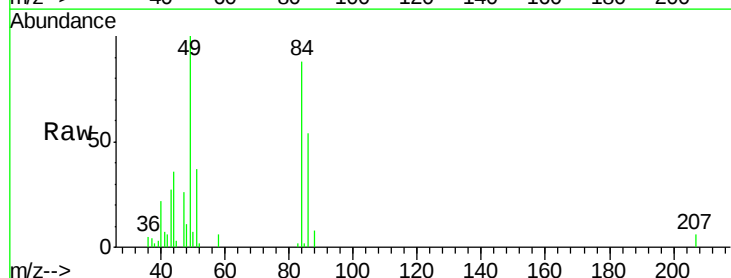
Instrument :
MSVOA_N
ClientSampleId :

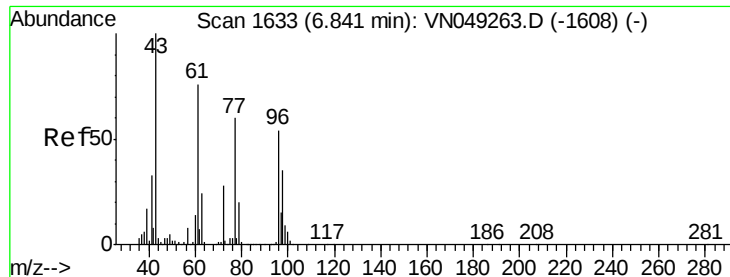
Tot Ion: 43 Resp: 166542
Ion Ratio Lower Upper
43 100
74 23.6 17.4 26.0



#20
Methylene Chloride
Concen: 1.19 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049593.D
Acq: 28 Jun 2018 16:42

Tgt Ion: 84 Resp: 18630
Ion Ratio Lower Upper
84 100
49 113.1 106.9 160.3
51 42.0 32.7 49.1
86 60.6 49.8 74.8

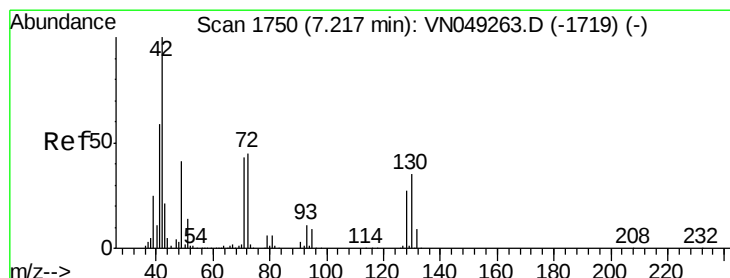
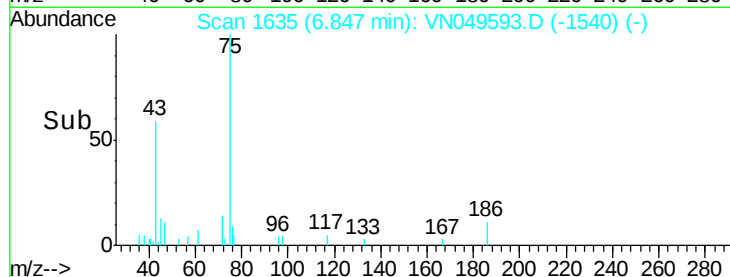
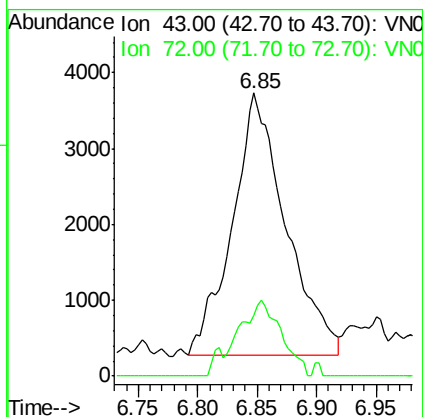
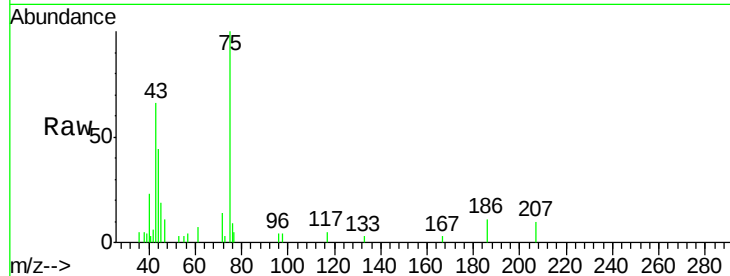




#25
2-Butanone
Concen: 2.13 ug/l
RT: 6.85 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VN049593.D
Acq: 28 Jun 2018 16:42

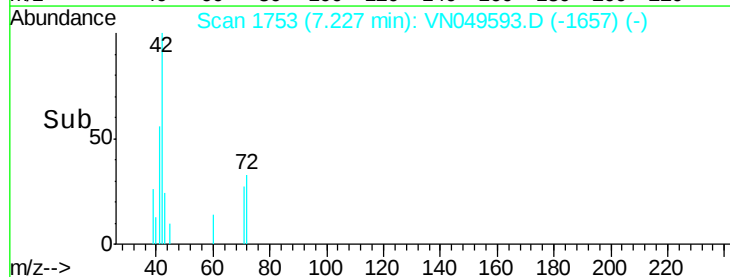
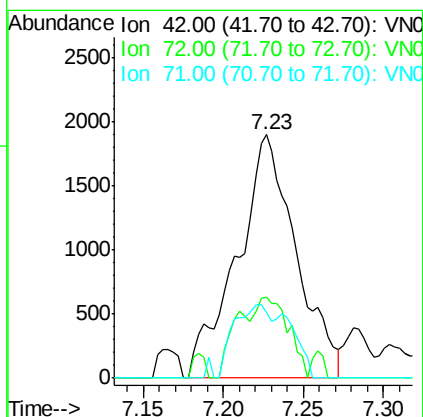
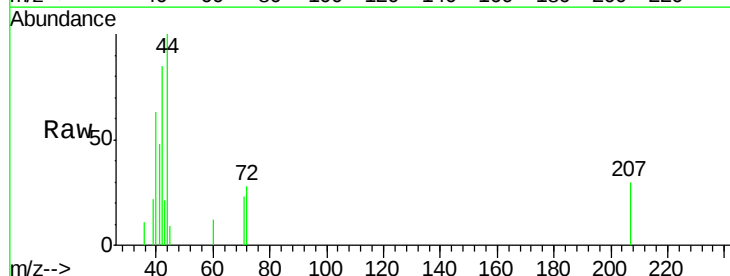
Instrument :
MSVOA_N
ClientSampleId :

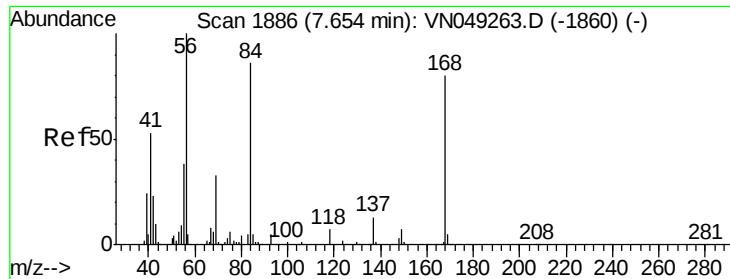
Tot Ion: 43 Resp: 10730
Ion Ratio Lower Upper
43 100
72 23.0 20.2 30.2



#29
Tetrahydrofuran
Concen: 1.49 ug/l
RT: 7.23 min Scan# 1753
Delta R.T. 0.01 min
Lab File: VN049593.D
Acq: 28 Jun 2018 16:42

Tgt Ion: 42 Resp: 4830
Ion Ratio Lower Upper
42 100
72 18.5 32.2 48.4#
71 18.4 30.5 45.7#

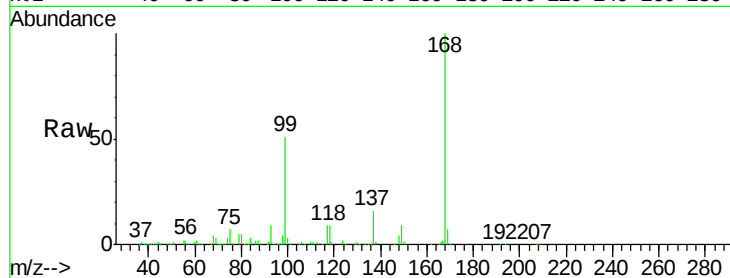




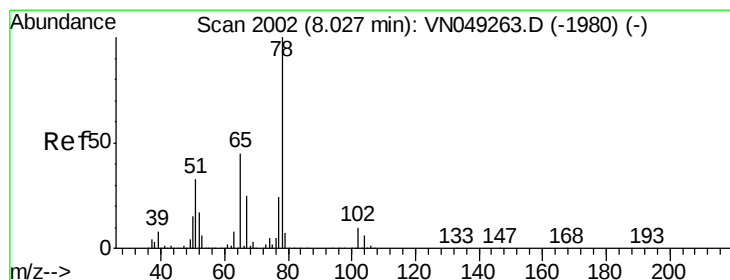
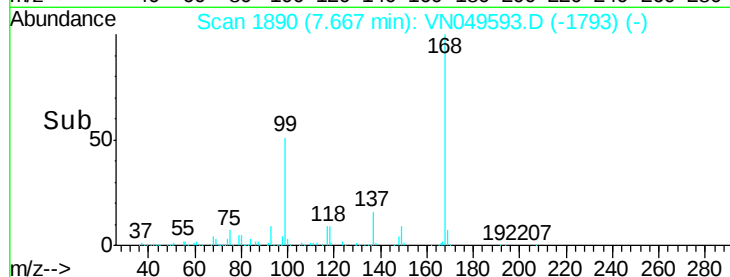
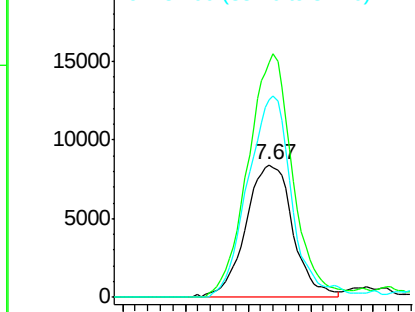
#31
Cyclohexane
Concen: 0.79 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VN049593.D
Acq: 28 Jun 2018 16:42

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 22000
Ion Ratio Lower Upper
56 100
69 177.1 25.0 37.4#
84 148.9 64.6 96.8#

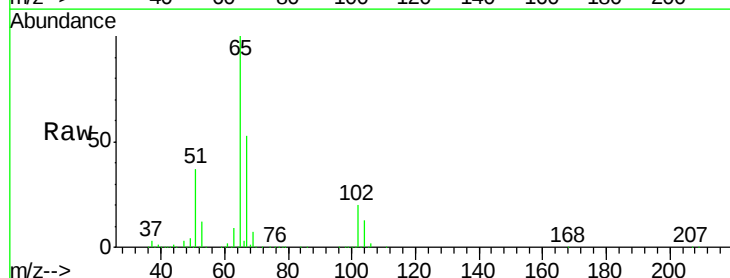


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

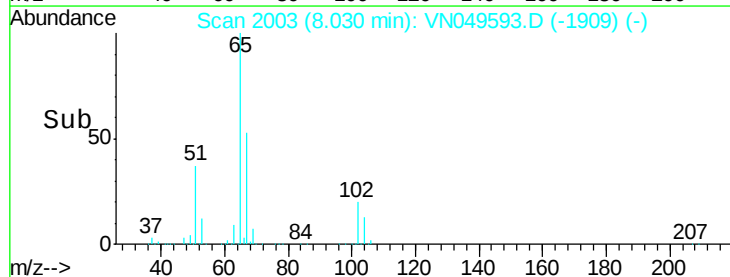
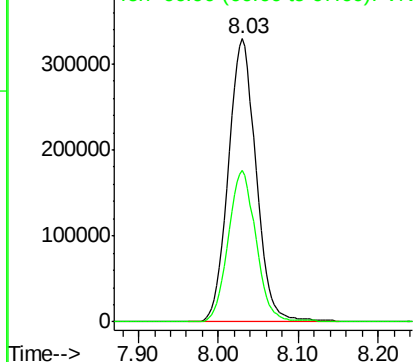


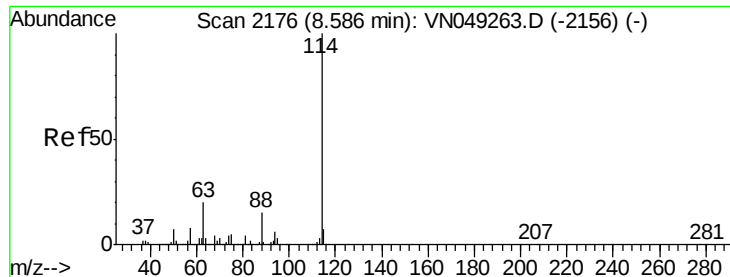
#33
1,2-Dichloroethane-d4
Concen: 50.39 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049593.D
Acq: 28 Jun 2018 16:42

Tgt Ion: 65 Resp: 776873
Ion Ratio Lower Upper
65 100
67 53.2 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

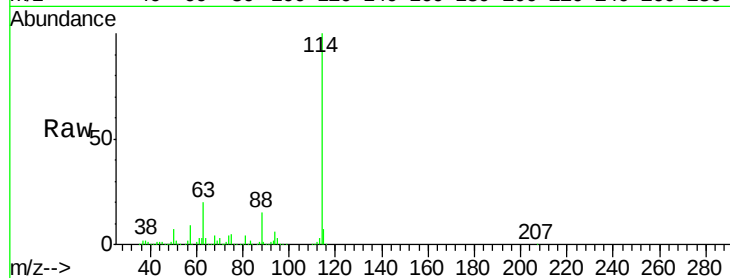




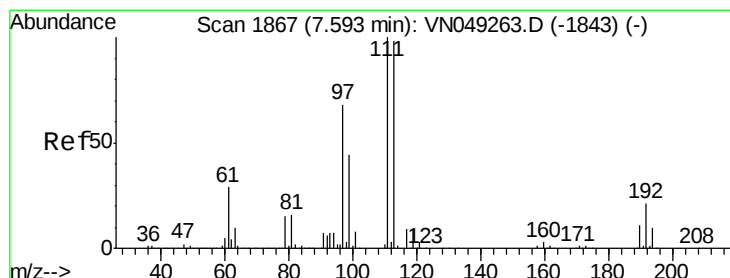
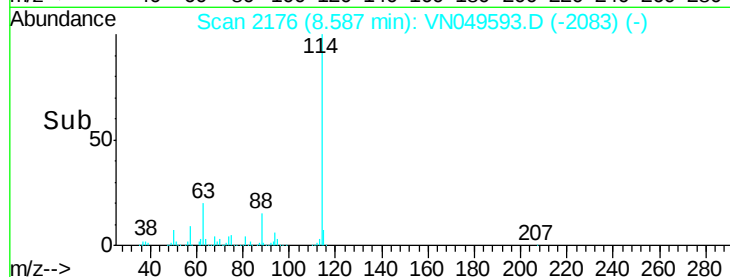
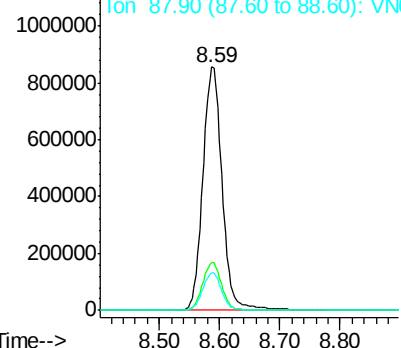
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049593.D
 Acq: 28 Jun 2018 16:42

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:114 Resp: 1873222
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 44.4
 88 15.2 0.0 31.4

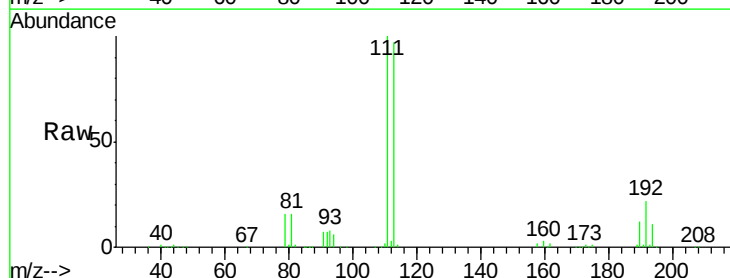


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

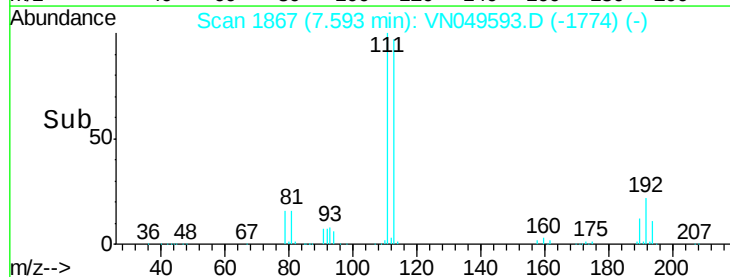
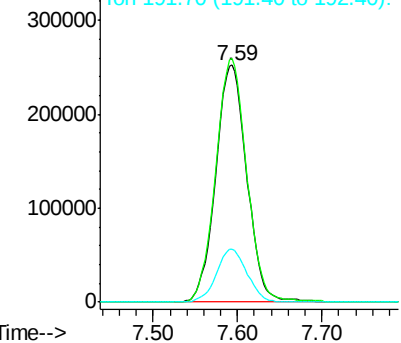


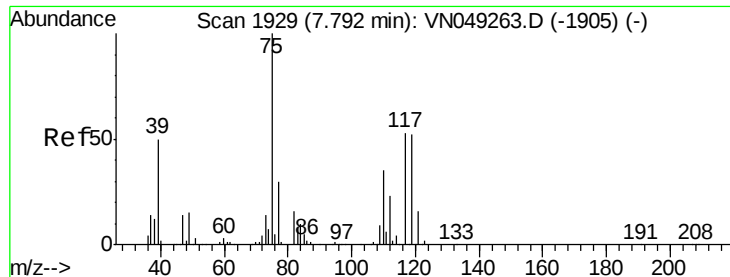
#35
 Dibromofluoromethane
 Concen: 42.66 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049593.D
 Acq: 28 Jun 2018 16:42

Tgt Ion:113 Resp: 646545
 Ion Ratio Lower Upper
 113 100
 111 102.7 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

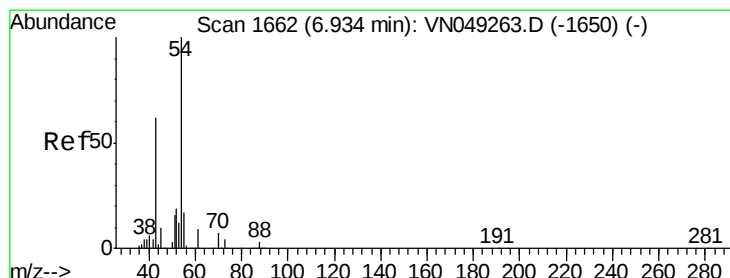
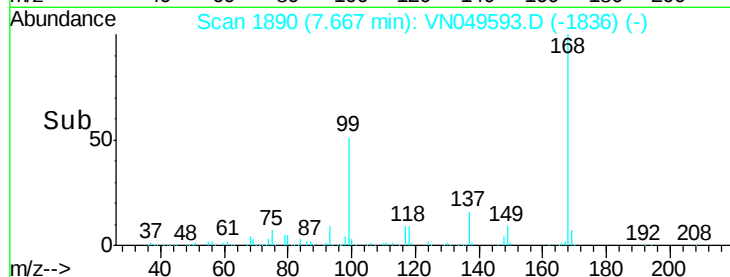
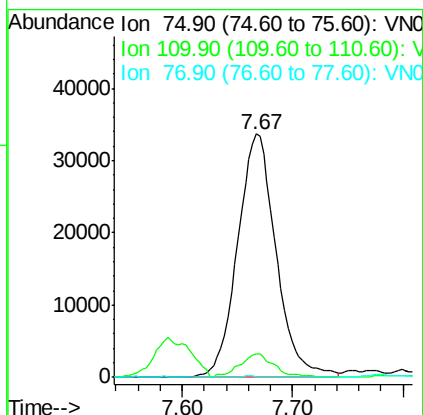
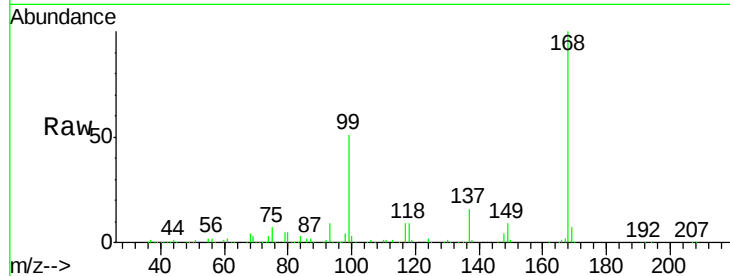




#36
 1,1-Dichloropropene
 Concen: 3.79 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN049593.D
 Acq: 28 Jun 2018 16:42

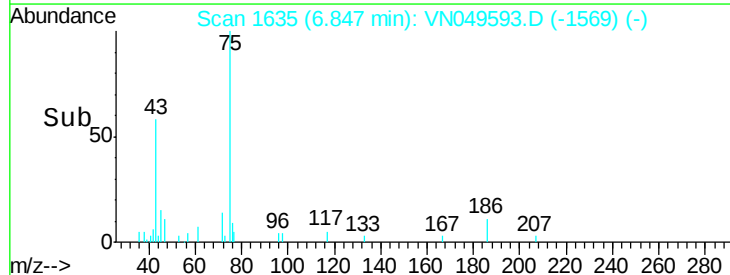
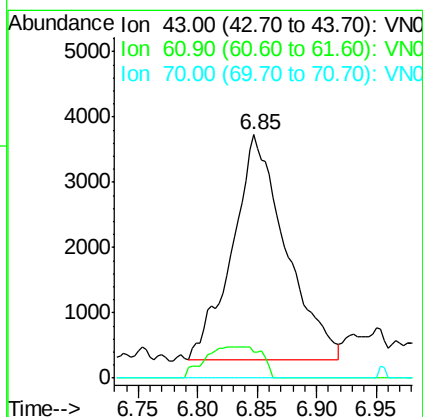
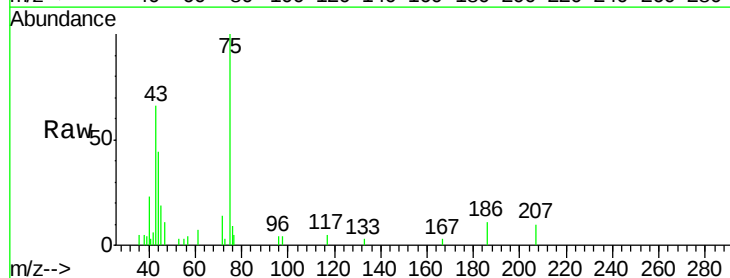
Instrument :
 MSVOA_N
 ClientSampleId :

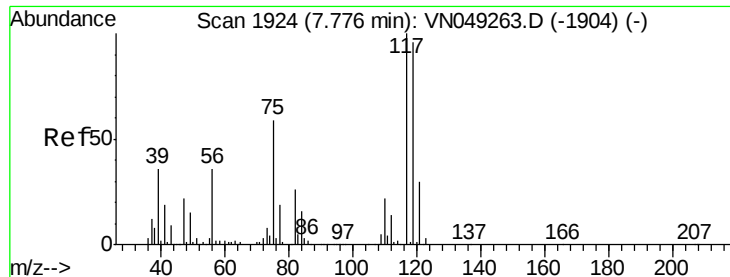
Tot Ion	75	Resp	81457
Ion Ratio	100	Lower	Upper
75	100		
110	8.7	17.0	50.9#
77	0.1	24.4	36.6#



#37
 Ethyl Acetate
 Concen: 0.92 ug/l
 RT: 6.85 min Scan# 1635
 Delta R.T. -0.09 min
 Lab File: VN049593.D
 Acq: 28 Jun 2018 16:42

Tgt Ion	43	Resp	10730
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
43	100		
61	14.6	11.0	16.4
70	0.0	7.2	10.8#





#38

Carbon Tetrachloride

Concen: 4.54 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.11 min

Lab File: VN049593.D

Acq: 28 Jun 2018 16:42

Instrument :

MSVOA_N

ClientSampled :

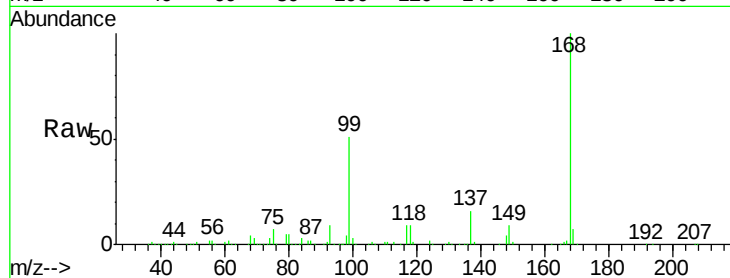
Tot Ion:117 Resp: 100939

Ion Ratio Lower Upper

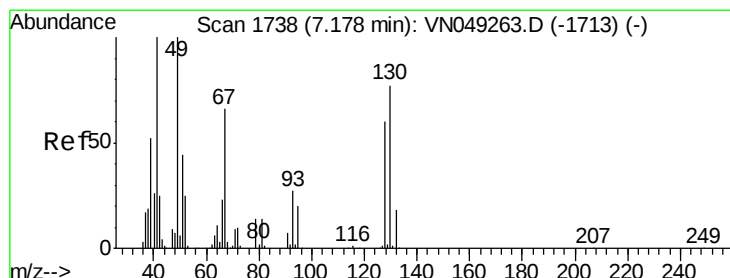
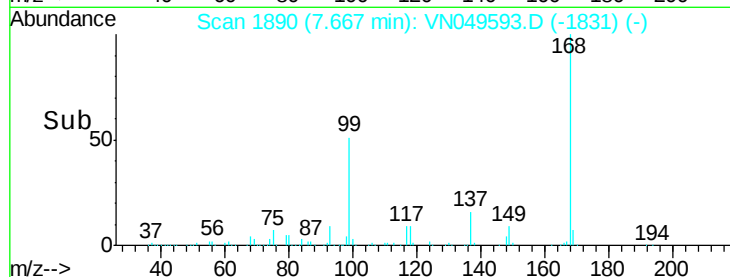
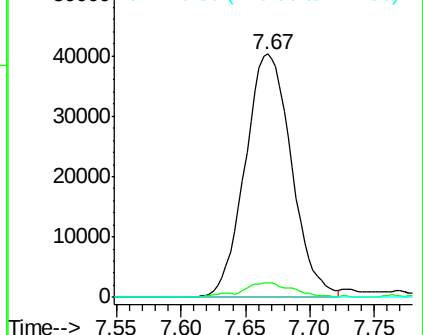
117 100

119 6.2 75.6 113.4#

121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V



#41

Methacrylonitrile

Concen: 0.25 ug/l

RT: 7.20 min Scan# 1746

Delta R.T. 0.03 min

Lab File: VN049593.D

Acq: 28 Jun 2018 16:42

Tgt Ion: 41 Resp: 1569

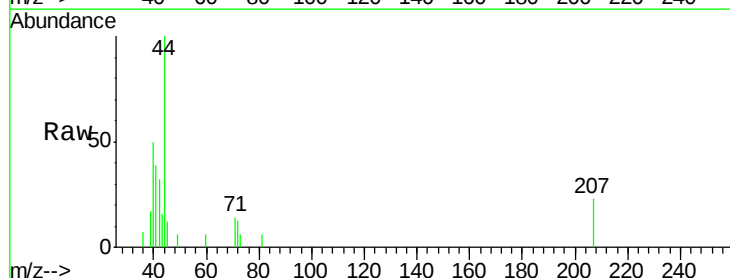
Ion Ratio Lower Upper

41 100

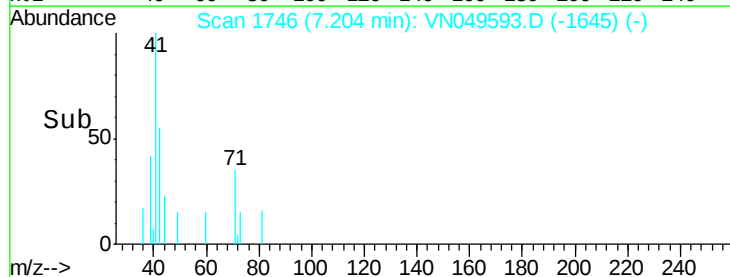
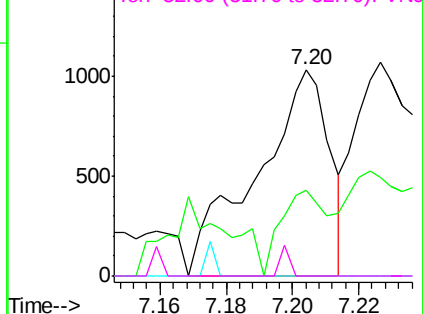
39 25.0 0.0 0.0#

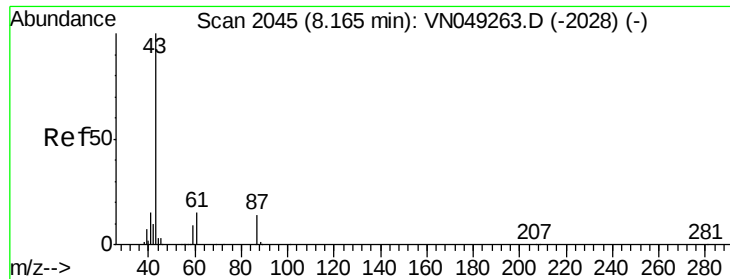
67 0.0 0.0 0.0

52 1.9 0.0 0.0#



Abundance Ion 41.00 (40.70 to 41.70): V
Ion 39.00 (38.70 to 39.70): V
Ion 67.00 (66.70 to 67.70): V
Ion 52.00 (51.70 to 52.70): V



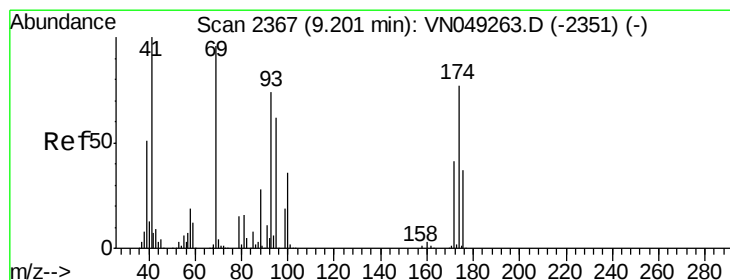
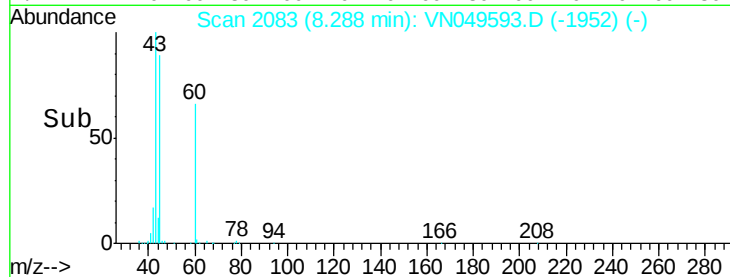
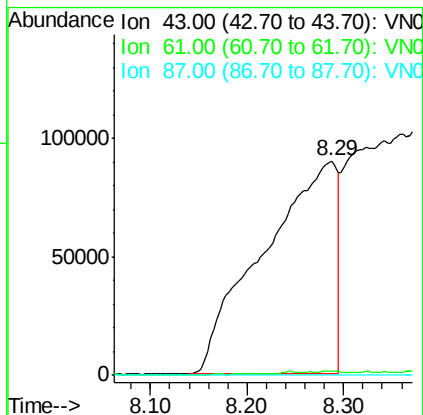
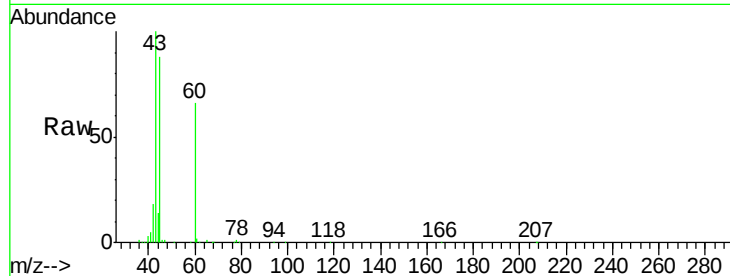


#43

Isopropyl Acetate
 Concen: 21.28 ug/l
 RT: 8.29 min Scan# 2083
 Delta R.T. 0.12 min
 Lab File: VN049593.D
 Acq: 28 Jun 2018 16:42

Instrument :
 MSVOA_N
 ClientSampled :

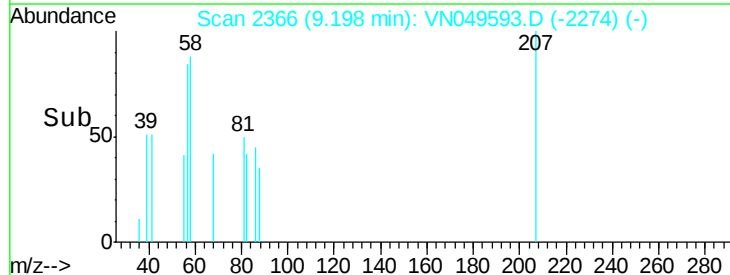
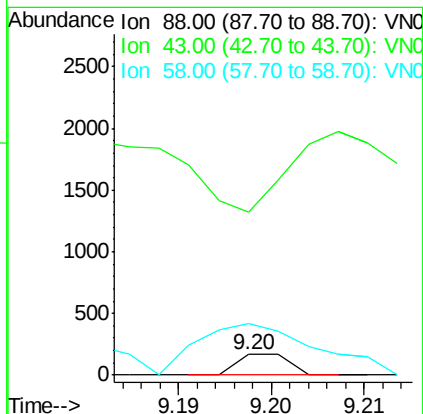
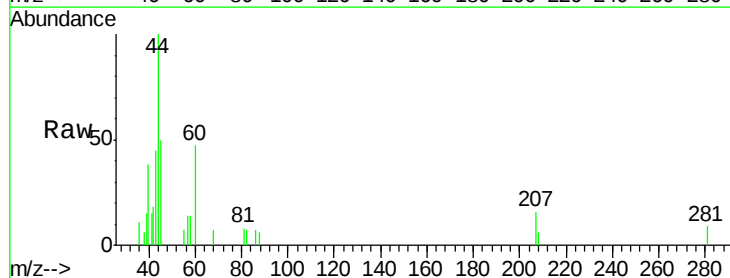
Tot Ion: 43 Resp: 474453
 Ion Ratio Lower Upper
 43 100
 61 0.0 14.2 21.4#
 87 0.0 9.4 14.0#

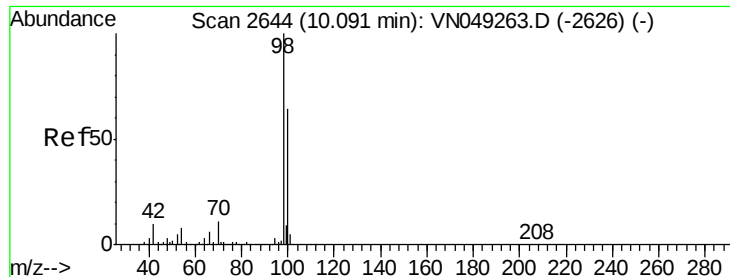


#49

1,4-Dioxane
 Concen: 0.44 ug/l
 RT: 9.20 min Scan# 2366
 Delta R.T. -0.00 min
 Lab File: VN049593.D
 Acq: 28 Jun 2018 16:42

Tgt Ion: 88 Resp: 64
 Ion Ratio Lower Upper
 88 100
 43 859.4 30.9 46.3#
 58 585.9 58.9 88.3#

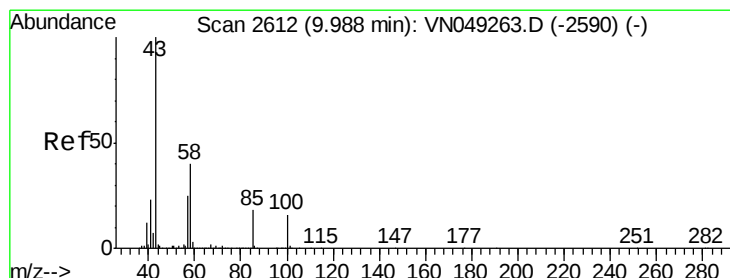
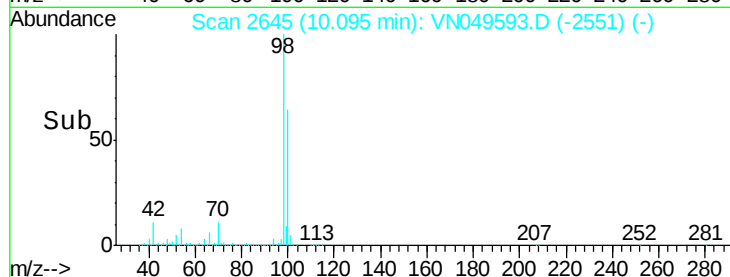
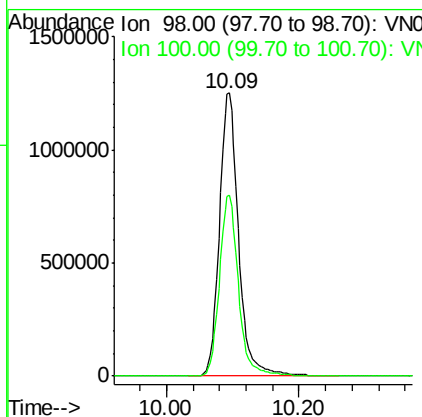
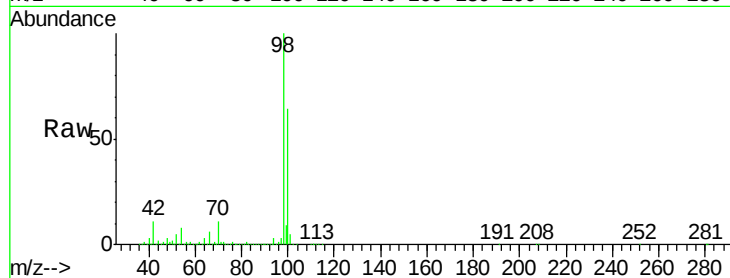




#50
Toluene-d8
Concen: 43.26 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049593.D
Acq: 28 Jun 2018 16:42

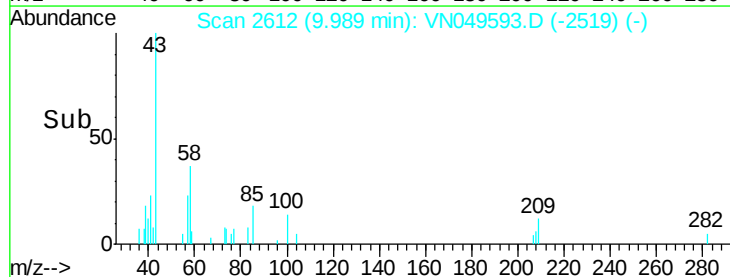
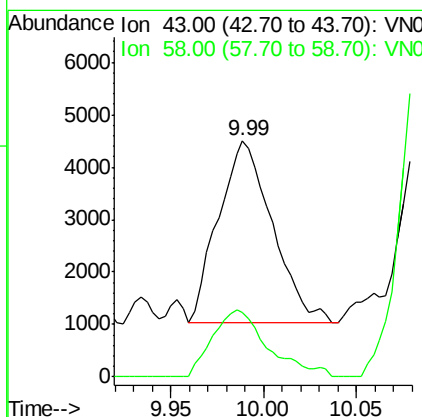
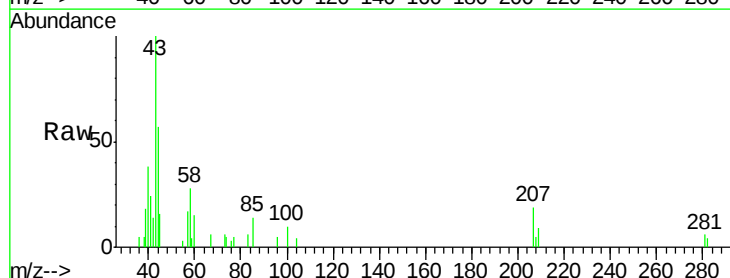
Instrument :
MSVOA_N
ClientSampled :

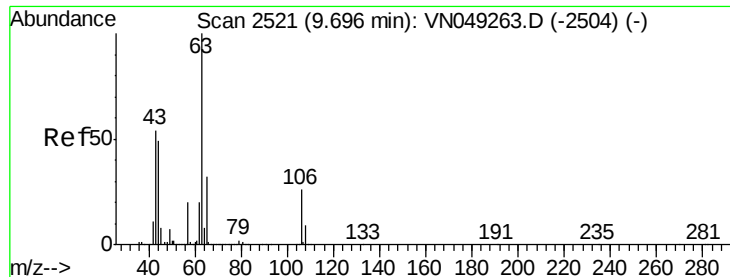
Tot Ion: 98 Resp: 2496536
Ion Ratio Lower Upper
98 100
100 63.8 49.8 74.8



#51
4-Methyl-2-Pentanone
Concen: 0.60 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN049593.D
Acq: 28 Jun 2018 16:42

Tgt Ion: 43 Resp: 7036
Ion Ratio Lower Upper
43 100
58 37.8 29.0 43.6





#58

2-Chloroethyl Vinyl ether

Concen: 14.35 ug/l

RT: 9.70 min Scan# 2522

Delta R.T. 0.00 min

Lab File: VN049593.D

Acq: 28 Jun 2018 16:42

Instrument :

MSVOA_N

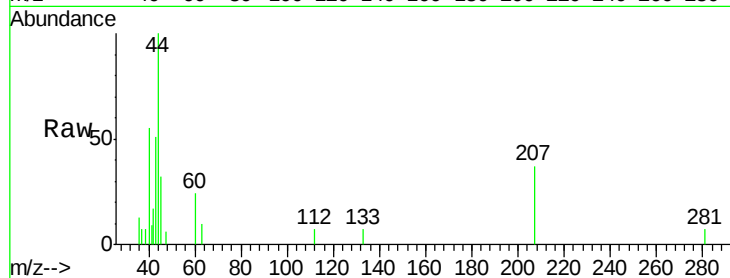
ClientSampleId :

Tot Ion: 63 Resp: 174

Ion Ratio Lower Upper

63 100

106 0.0 19.4 29.2#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.70

250

200

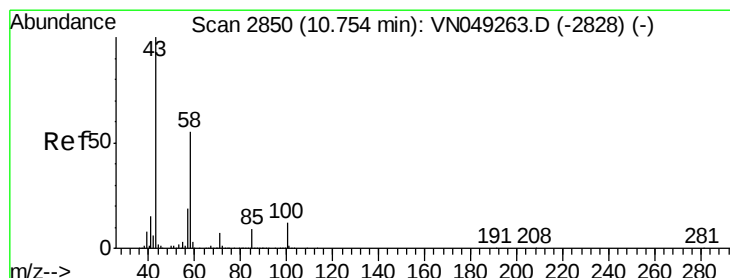
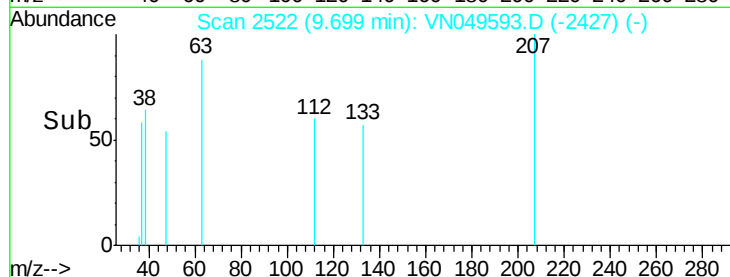
150

100

50

0

Time--> 9.68 9.69 9.70 9.71 9.72



#59

2-Hexanone

Concen: 0.41 ug/l

RT: 10.76 min Scan# 2852

Delta R.T. 0.01 min

Lab File: VN049593.D

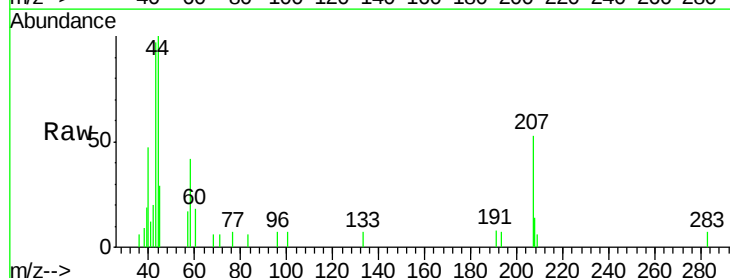
Acq: 28 Jun 2018 16:42

Tgt Ion: 43 Resp: 3095

Ion Ratio Lower Upper

43 100

58 68.7 25.2 75.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

10.76

3000

2500

2000

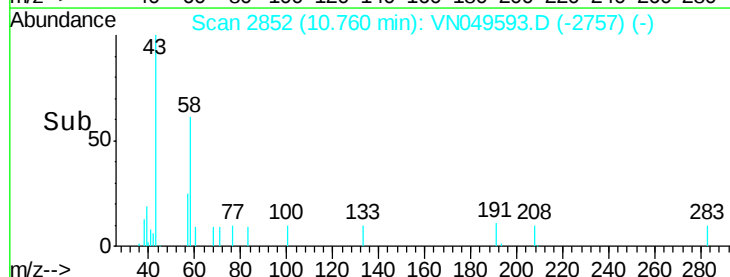
1500

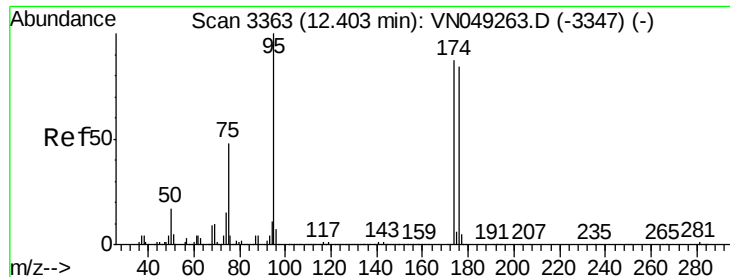
1000

500

0

Time--> 10.70 10.75 10.80

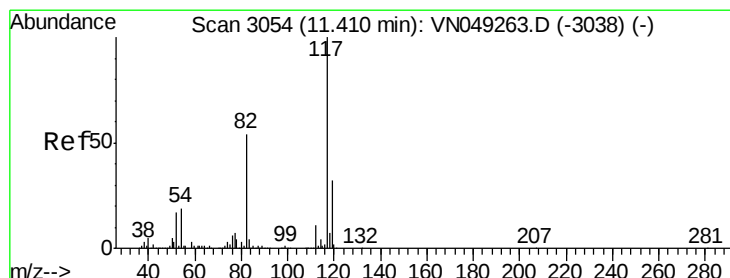
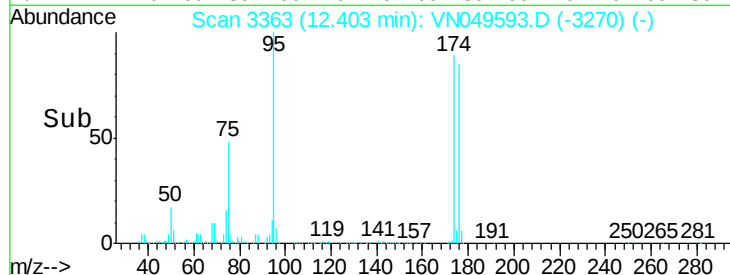
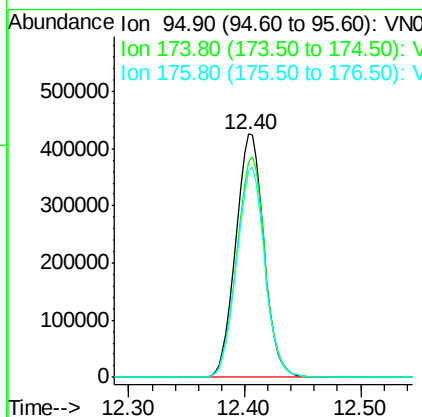
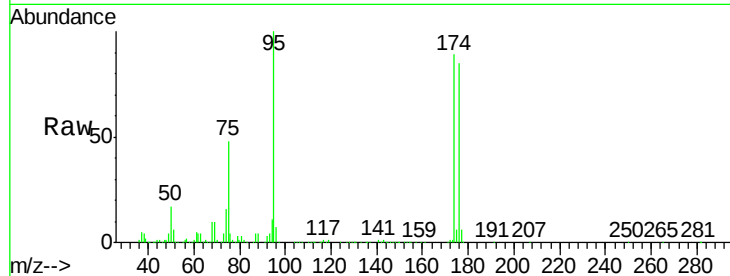




#62
4-Bromofluorobenzene
Concen: 37.38 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049593.D
Acq: 28 Jun 2018 16:42

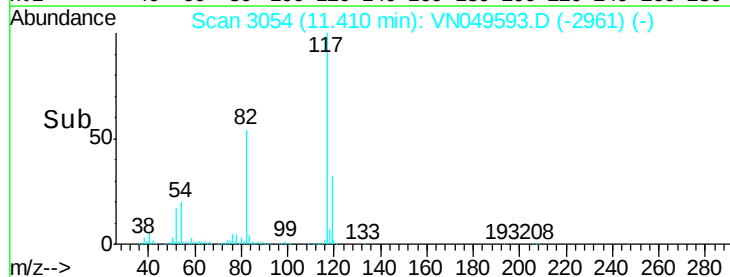
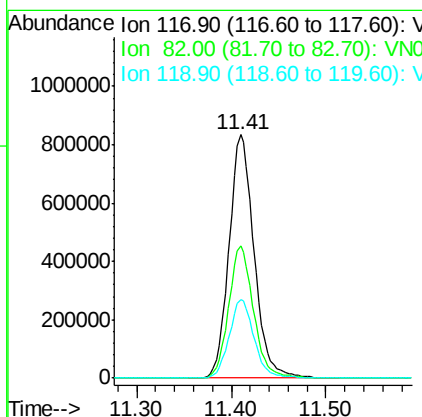
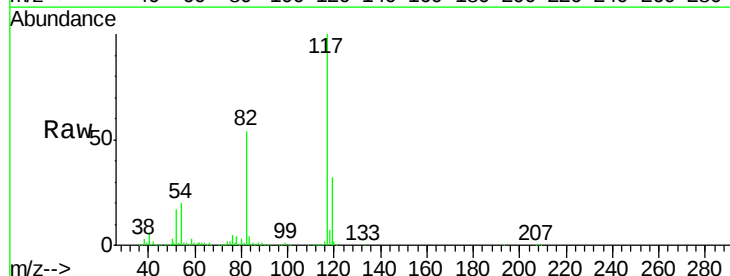
Instrument :
MSVOA_N
ClientSampled :

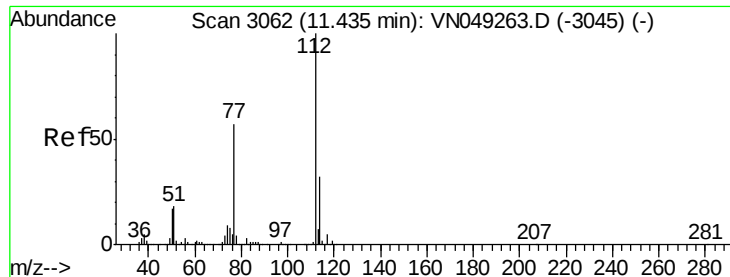
Tot Ion: 95 Resp: 713314
Ion Ratio Lower Upper
95 100
174 91.3 0.0 165.6
176 86.6 0.0 157.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049593.D
Acq: 28 Jun 2018 16:42

Tgt Ion: 117 Resp: 1533735
Ion Ratio Lower Upper
117 100
82 54.1 45.9 68.9
119 32.4 25.5 38.3





#65

Chlorobenzene

Concen: 0.37 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049593.D

Acq: 28 Jun 2018 16:42

Instrument :

MSVOA_N

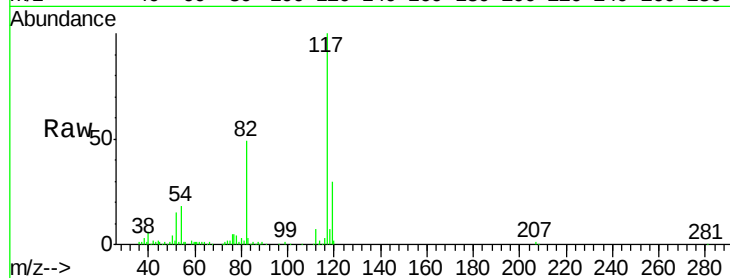
ClientSampled :

Tot Ion:112 Resp: 14676

Ion Ratio Lower Upper

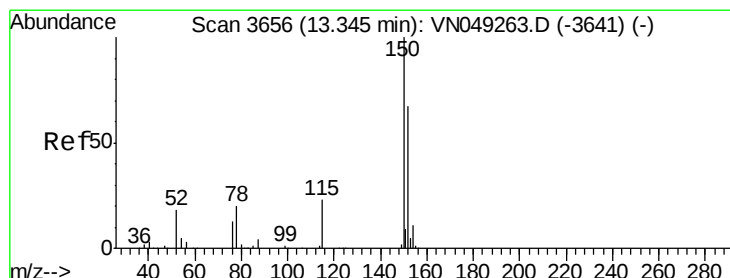
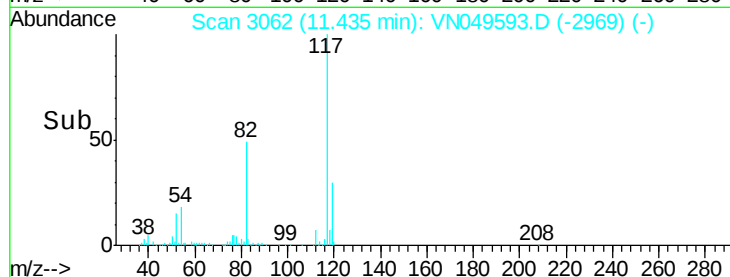
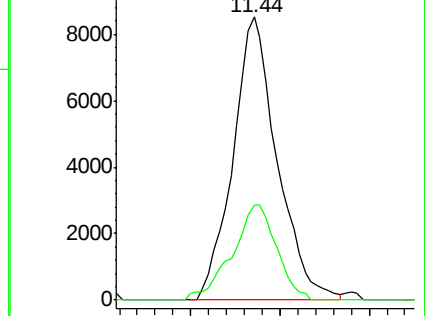
112 100

114 33.7 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: VN049593.D

Acq: 28 Jun 2018 16:42

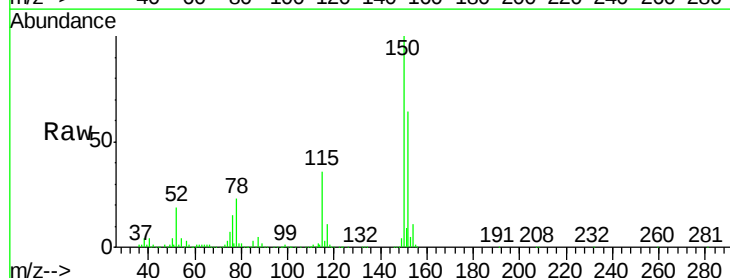
Tgt Ion:152 Resp: 591119

Ion Ratio Lower Upper

152 100

115 56.1 28.7 86.1

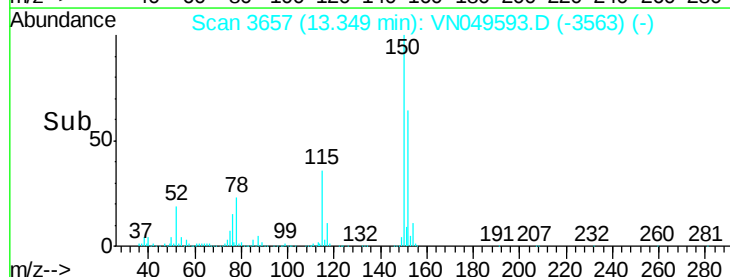
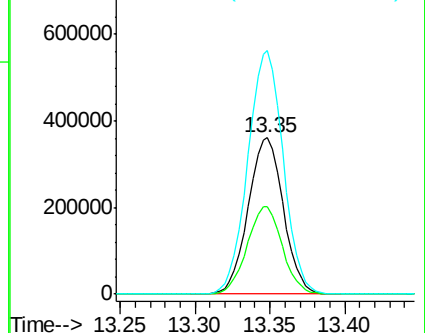
150 156.4 0.0 351.0

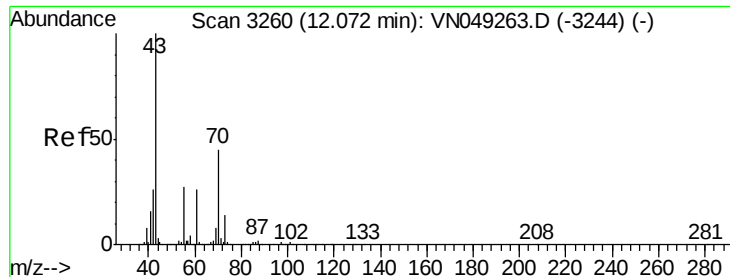


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 0.42 ug/l

RT: 12.05 min Scan# 3253

Delta R.T. -0.02 min

Lab File: VN049593.D

Acq: 28 Jun 2018 16:42

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 5316

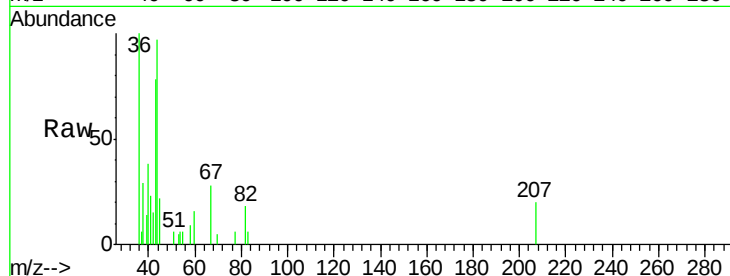
Ion Ratio Lower Upper

43 100

70 0.0 30.3 45.5#

55 9.2 19.4 29.2#

61 0.0 17.8 26.6#

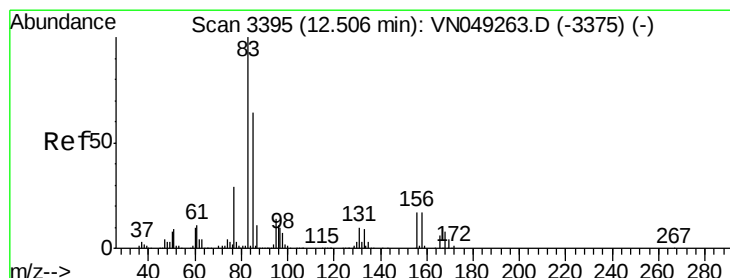
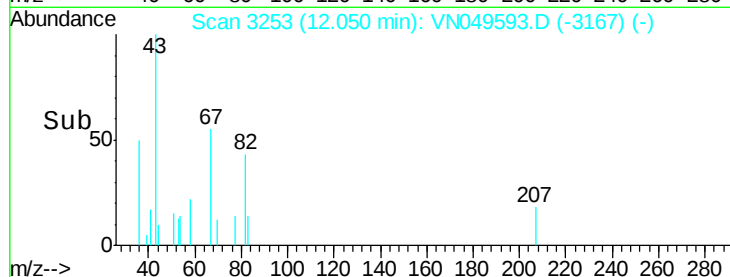
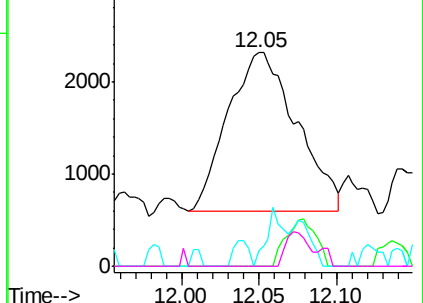


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.51 min Scan# 3396

Delta R.T. 0.00 min

Lab File: VN049593.D

Acq: 28 Jun 2018 16:42

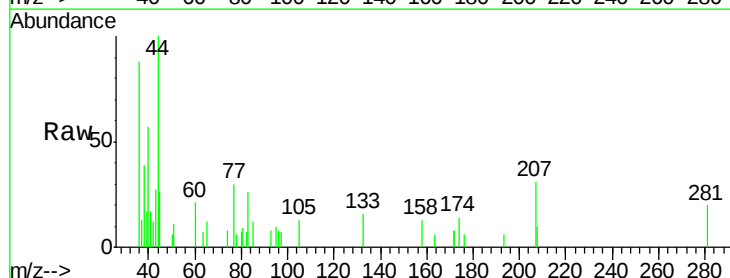
Tgt Ion: 83 Resp: 719

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

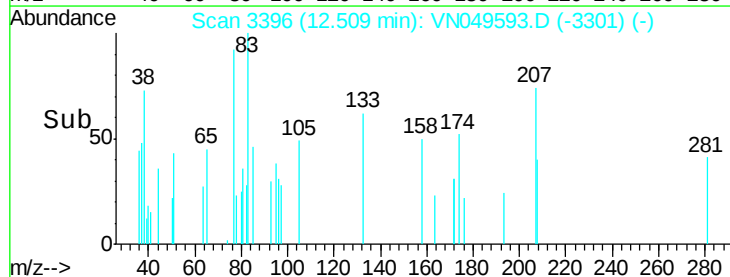
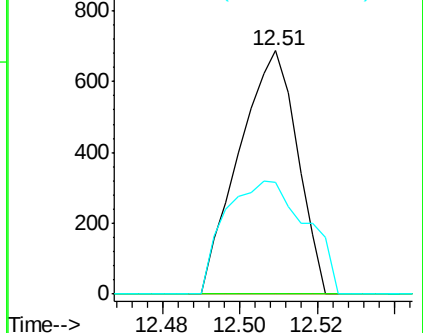
85 64.7 32.0 96.0

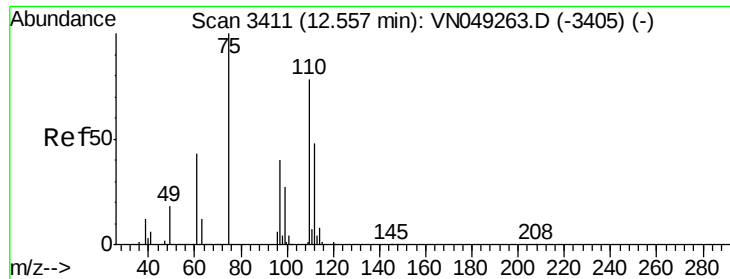


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0

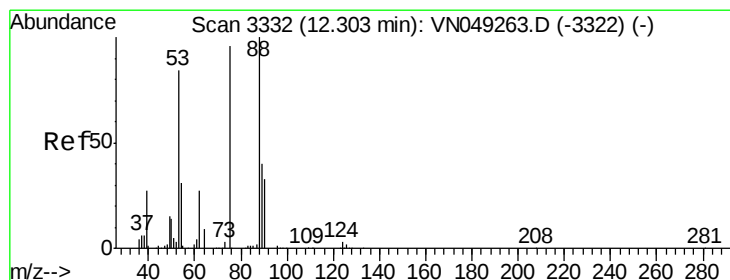
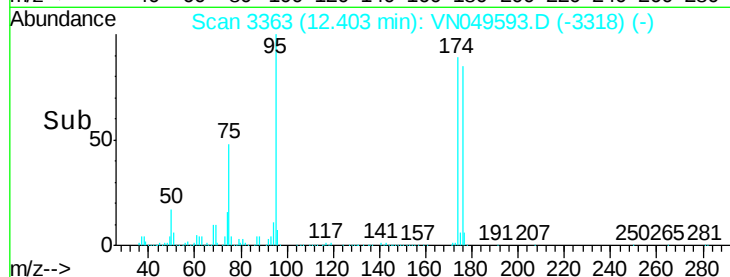
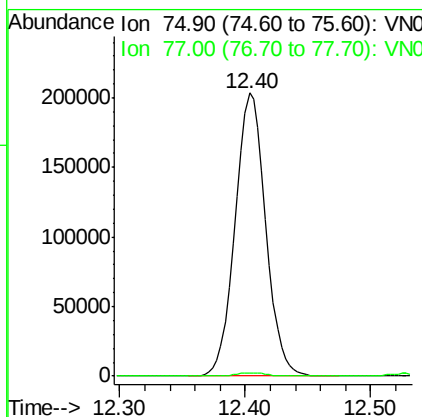
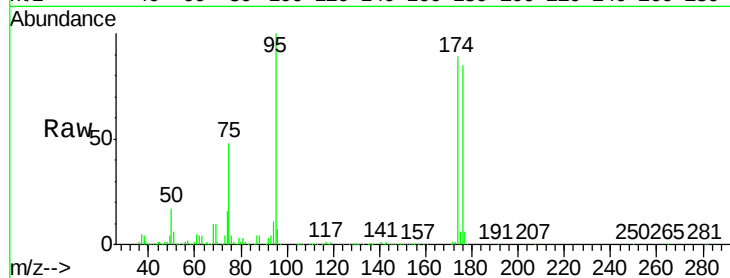




#76
 1,2,3-Trichloropropane
 Concen: 34.12 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. -0.15 min
 Lab File: VN049593.D
 Acq: 28 Jun 2018 16:42

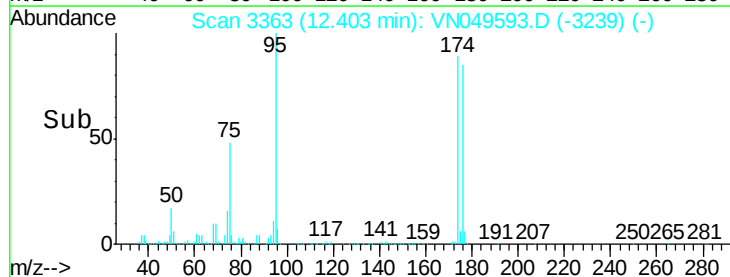
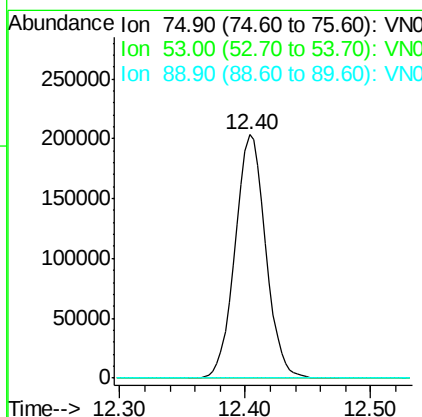
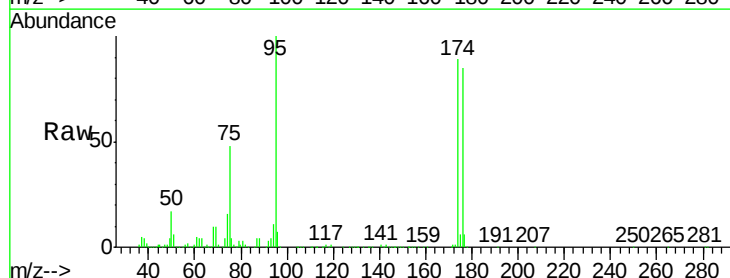
Instrument :
 MSVOA_N
 ClientSampled :

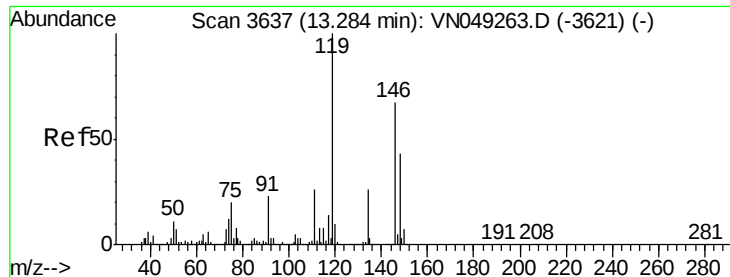
Tot Ion: 75 Resp: 344165
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 107.85 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.10 min
 Lab File: VN049593.D
 Acq: 28 Jun 2018 16:42

Tgt Ion: 75 Resp: 344165
 Ion Ratio Lower Upper
 75 100
 53 0.3 82.7 124.1#
 89 0.0 36.5 54.7#





#87

1,3-Dichlorobenzene

Concen: 0.23 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. 0.01 min

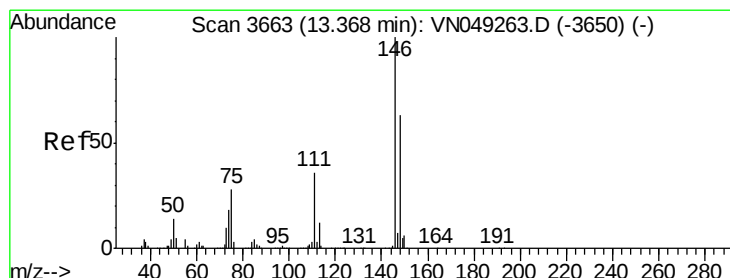
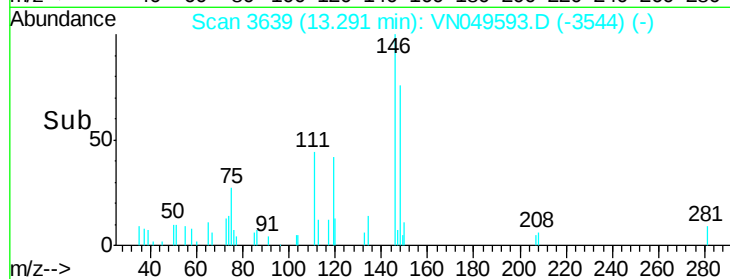
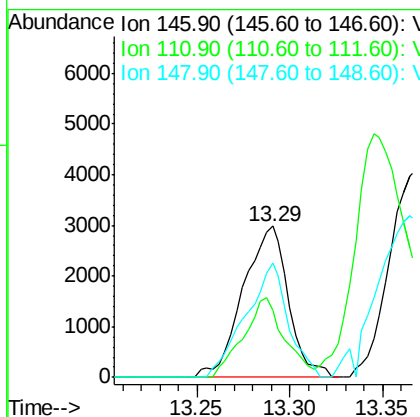
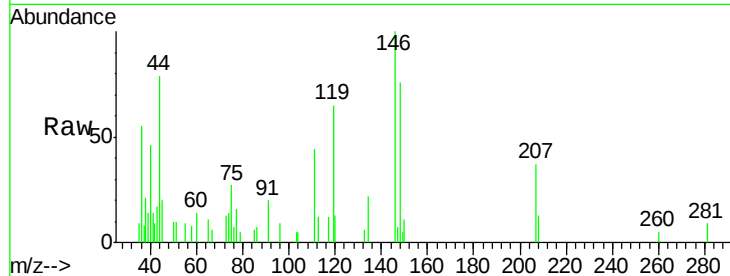
Lab File: VN049593.D

Acq: 28 Jun 2018 16:42

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:146 Resp: 5085

Ion	Ratio	Lower	Upper
146	100		
111	47.7	19.9	59.6
148	70.4	32.1	96.5



#88

1,4-Dichlorobenzene

Concen: 0.23 ug/l

RT: 13.29 min Scan# 3639

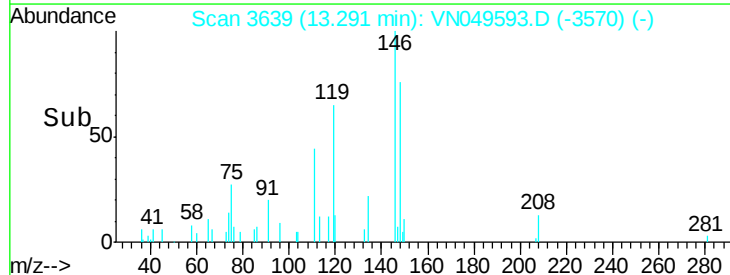
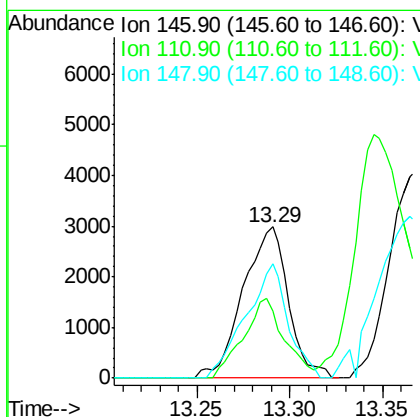
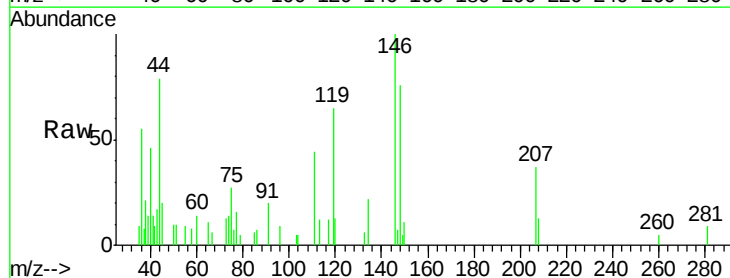
Delta R.T. -0.08 min

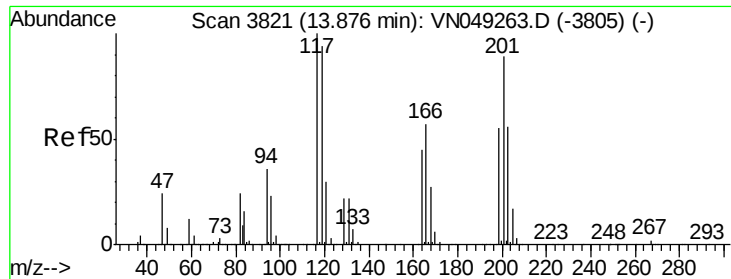
Lab File: VN049593.D

Acq: 28 Jun 2018 16:42

Tgt Ion:146 Resp: 5085

Ion	Ratio	Lower	Upper
146	100		
111	47.7	19.1	57.1
148	70.4	32.0	96.2





#90

Hexachloroethane

Concen: Below Cal

RT: 13.88 min Scan# 3821

Delta R.T. 0.00 min

Lab File: VN049593.D

Acq: 28 Jun 2018 16:42

Instrument :

MSVOA_N

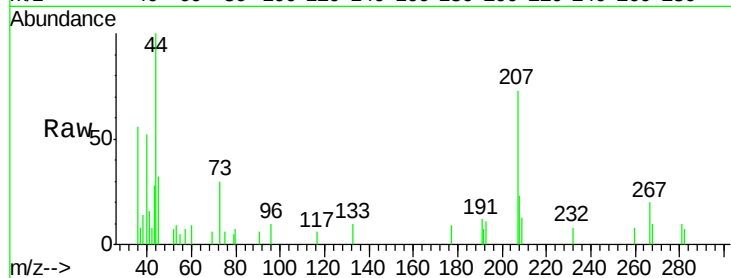
ClientSampleId :

Tot Ion:117 Resp: 66

Ion Ratio Lower Upper

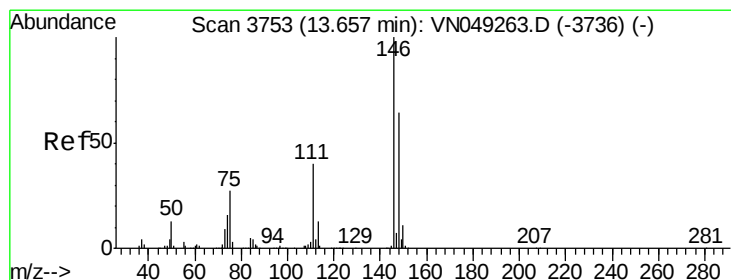
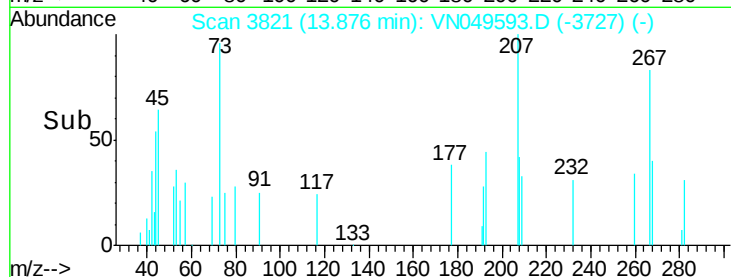
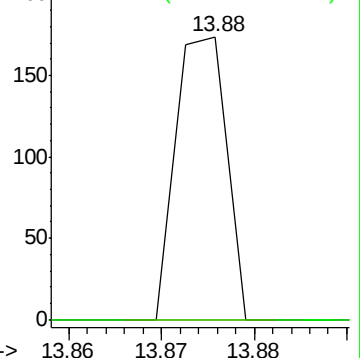
117 100

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



#91

1,2-Dichlorobenzene

Concen: 0.23 ug/l

RT: 13.65 min Scan# 3752

Delta R.T. -0.00 min

Lab File: VN049593.D

Acq: 28 Jun 2018 16:42

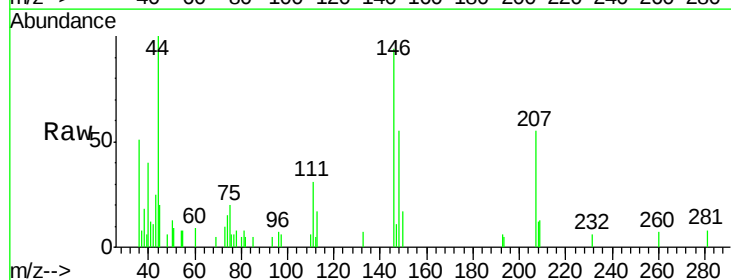
Tgt Ion:146 Resp: 5157

Ion Ratio Lower Upper

146 100

111 36.8 20.8 62.2

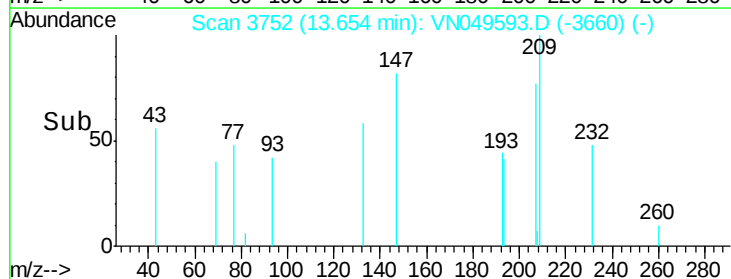
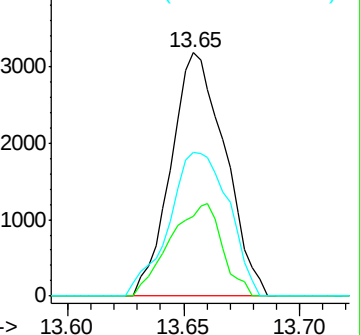
148 65.2 32.0 96.2

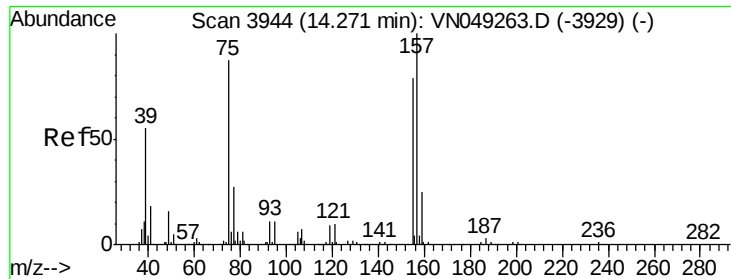


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

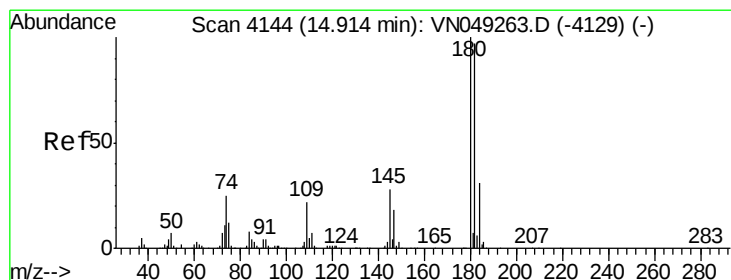
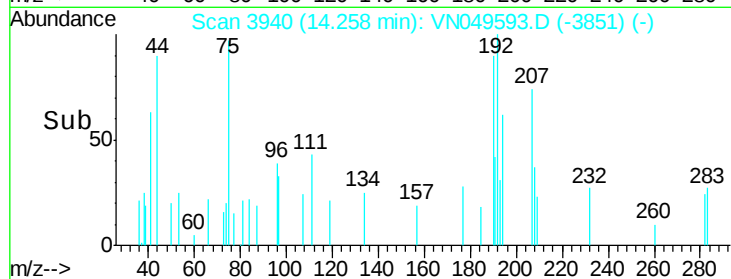
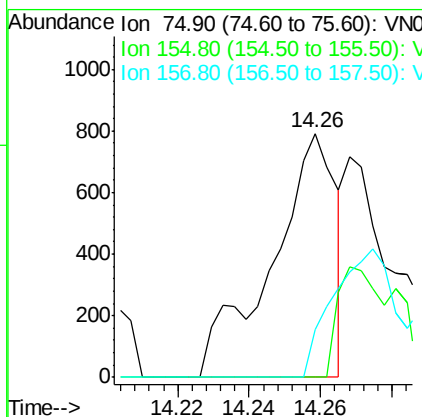
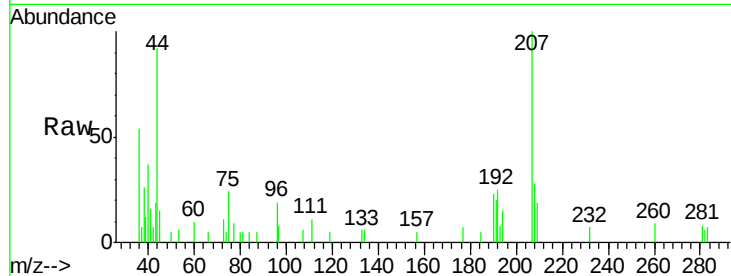




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.55 ug/l
 RT: 14.26 min Scan# 3940
 Delta R.T. -0.01 min
 Lab File: VN049593.D
 Acq: 28 Jun 2018 16:42

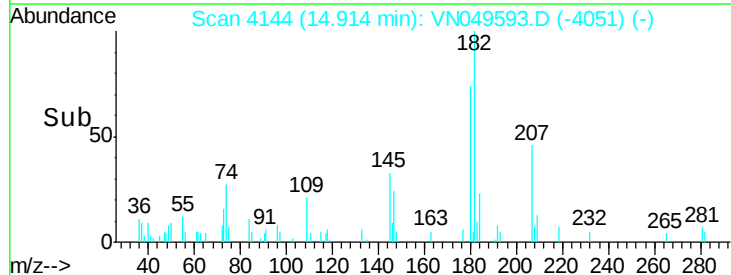
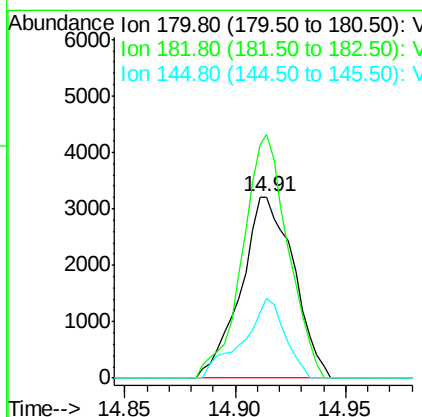
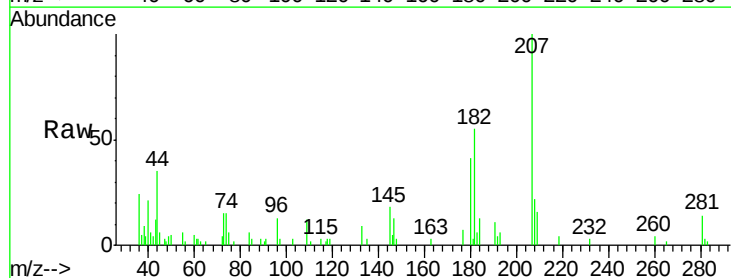
Instrument :
 MSVOA_N
 ClientSampled :

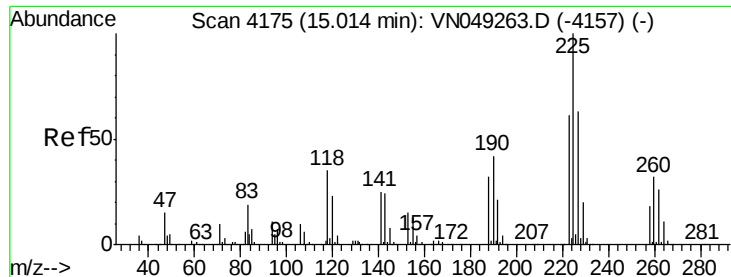
Tot Ion: 75 Resp: 986
 Ion Ratio Lower Upper
 75 100
 155 39.9 38.8 116.3
 157 57.1 51.0 153.1



#93
 1,2,4-Trichlorobenzene
 Concen: 5.22 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN049593.D
 Acq: 28 Jun 2018 16:42

Tgt Ion:180 Resp: 5290
 Ion Ratio Lower Upper
 180 100
 182 116.1 46.9 140.8
 145 35.4 14.7 44.1

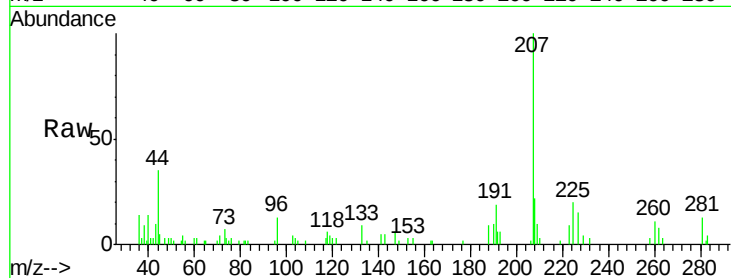




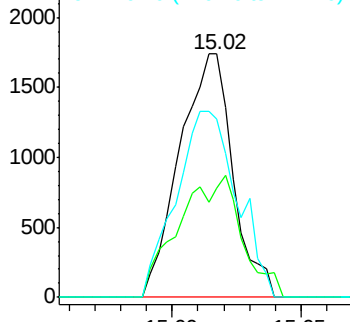
#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.02 min Scan# 4176
Delta R.T. 0.00 min
Lab File: VN049593.D
Acq: 28 Jun 2018 16:42

Instrument :
MSVOA_N
ClientSampled :

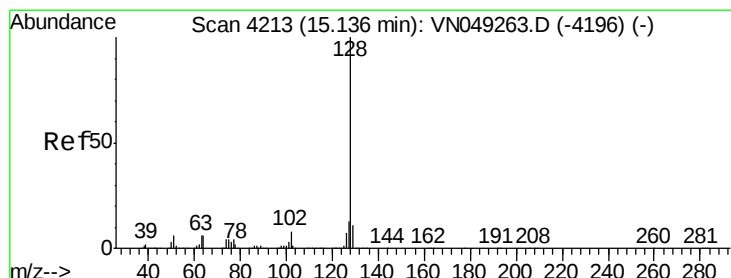
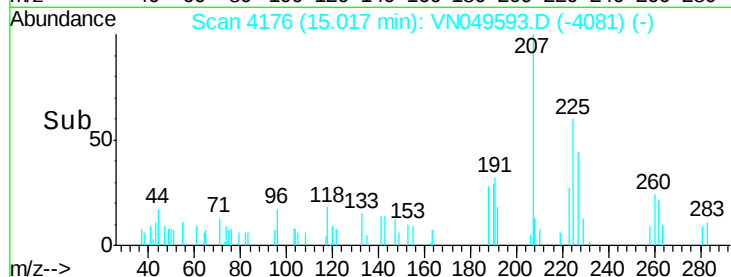
Tot Ion:225 Resp: 2497
Ion Ratio Lower Upper
225 100
223 59.6 32.1 96.3
227 88.0 31.8 95.3



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

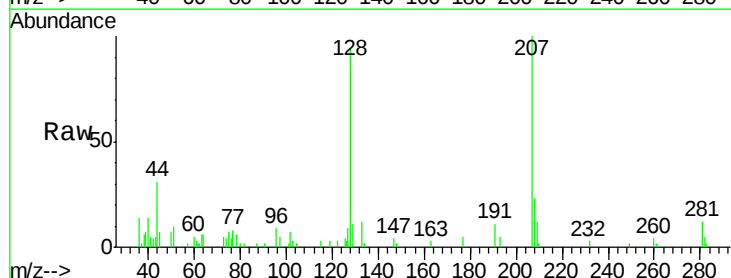


Time-->

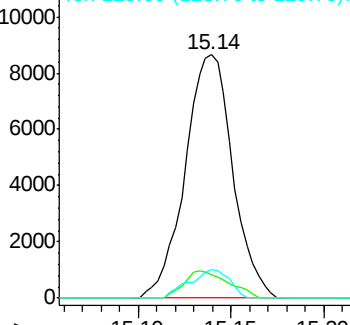


#95
Naphthalene
Concen: 3.02 ug/l
RT: 15.14 min Scan# 4214
Delta R.T. 0.00 min
Lab File: VN049593.D
Acq: 28 Jun 2018 16:42

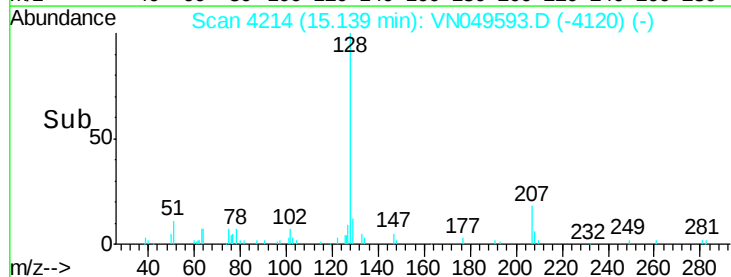
Tgt Ion:128 Resp: 15457
Ion Ratio Lower Upper
128 100
127 10.4 10.6 16.0#
129 9.8 8.5 12.7

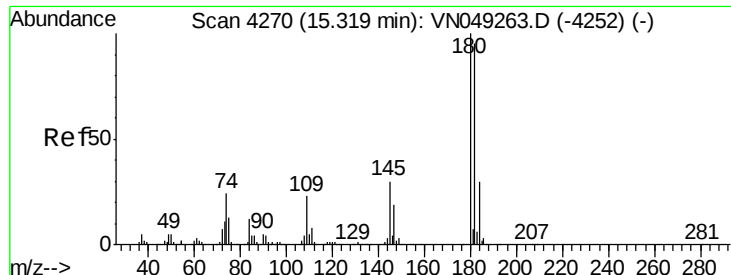


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



Time-->

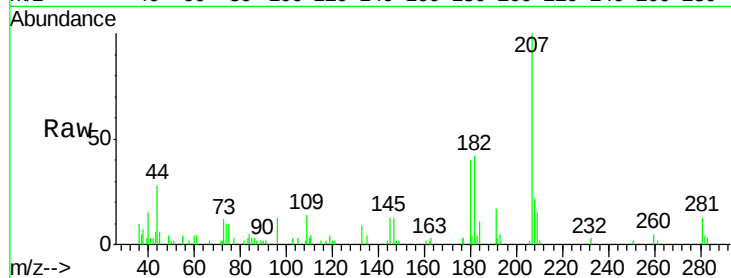




#96
 1,2,3-Trichlorobenzene
 Concen: 4.12 ug/l
 RT: 15.32 min Scan# 4270
 Delta R.T. 0.00 min
 Lab File: VN049593.D
 Acq: 28 Jun 2018 16:42

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 7014
 Ion Ratio Lower Upper
 180 100
 182 100.0 47.3 141.8
 145 32.8 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

