

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062818\
 Data File : VN049599.D
 Acq On : 28 Jun 2018 19:17
 Operator : MD\SY
 Sample : J3247-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 29 01:41:22 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	1120974	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1793127	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1476571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	610579	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	745923	50.17	ug/l	0.00
Spiked Amount			Recovery	=	100.34%	
35) Dibromofluoromethane	7.59	113	658672	45.40	ug/l	0.00
Spiked Amount			Recovery	=	90.80%	
50) Toluene-d8	10.09	98	2393208	43.33	ug/l	0.00
Spiked Amount			Recovery	=	86.66%	
62) 4-Bromofluorobenzene	12.40	95	707199	38.72	ug/l	0.00
Spiked Amount			Recovery	=	77.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.41	74	8151	1.06	ug/l	92
11) Tert butyl alcohol	4.79	59	226	0.26	ug/l #	70
13) Acrolein	3.62	56	2869	3.14	ug/l #	41
14) Allyl chloride	4.55	41	50406	2.48	ug/l #	20
16) Acetone	3.82	43	81056	22.45	ug/l #	85
18) Methyl Acetate	4.33	43	152937	13.89	ug/l	96
20) Methylene Chloride	4.55	84	1462727	97.02	ug/l	91
25) 2-Butanone	6.84	43	11102	2.29	ug/l	95
29) Tetrahydrofuran	7.22	42	1833	0.59	ug/l #	63
30) Chloroform	7.37	83	13935	0.54	ug/l	91
31) Cyclohexane	7.67	56	20698	0.77	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	73325	3.57	ug/l #	51
37) Ethyl Acetate	6.84	43	11114	0.99	ug/l #	75
38) Carbon Tetrachloride	7.67	117	99606	4.68	ug/l #	17
43) Isopropyl Acetate	8.31	43	529963	24.83	ug/l #	64
47) Bromodichloromethane	9.40	83	5755	0.27	ug/l #	83
49) 1,4-Dioxane	9.29	88	67	0.48	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	4389	0.39	ug/l #	86
65) Chlorobenzene	11.44	112	7878	0.21	ug/l #	86
68) m/p-Xylenes	11.62	106	8092	0.34	ug/l	89
71) Bromoform	12.40	173	3067	0.33	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.40	83	461	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	342171	32.84	ug/l #	100
78) n-propylbenzene	12.59	91	14361	0.24	ug/l	94
79) 2-Chlorotoluene	12.68	91	8703	0.23	ug/l	80
80) 1,3,5-Trimethylbenzene	12.74	105	11238	0.27	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	342171	103.81	ug/l #	9
84) 1,2,4-Trimethylbenzene	13.04	105	34248	0.82	ug/l	98
90) Hexachloroethane	13.89	117	4450	Below Cal	#	9
93) 1,2,4-Trichlorobenzene	14.91	180	947	4.82	ug/l #	1
95) Naphthalene	15.14	128	278457	17.80	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	359	3.49	ug/l #	46

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Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration

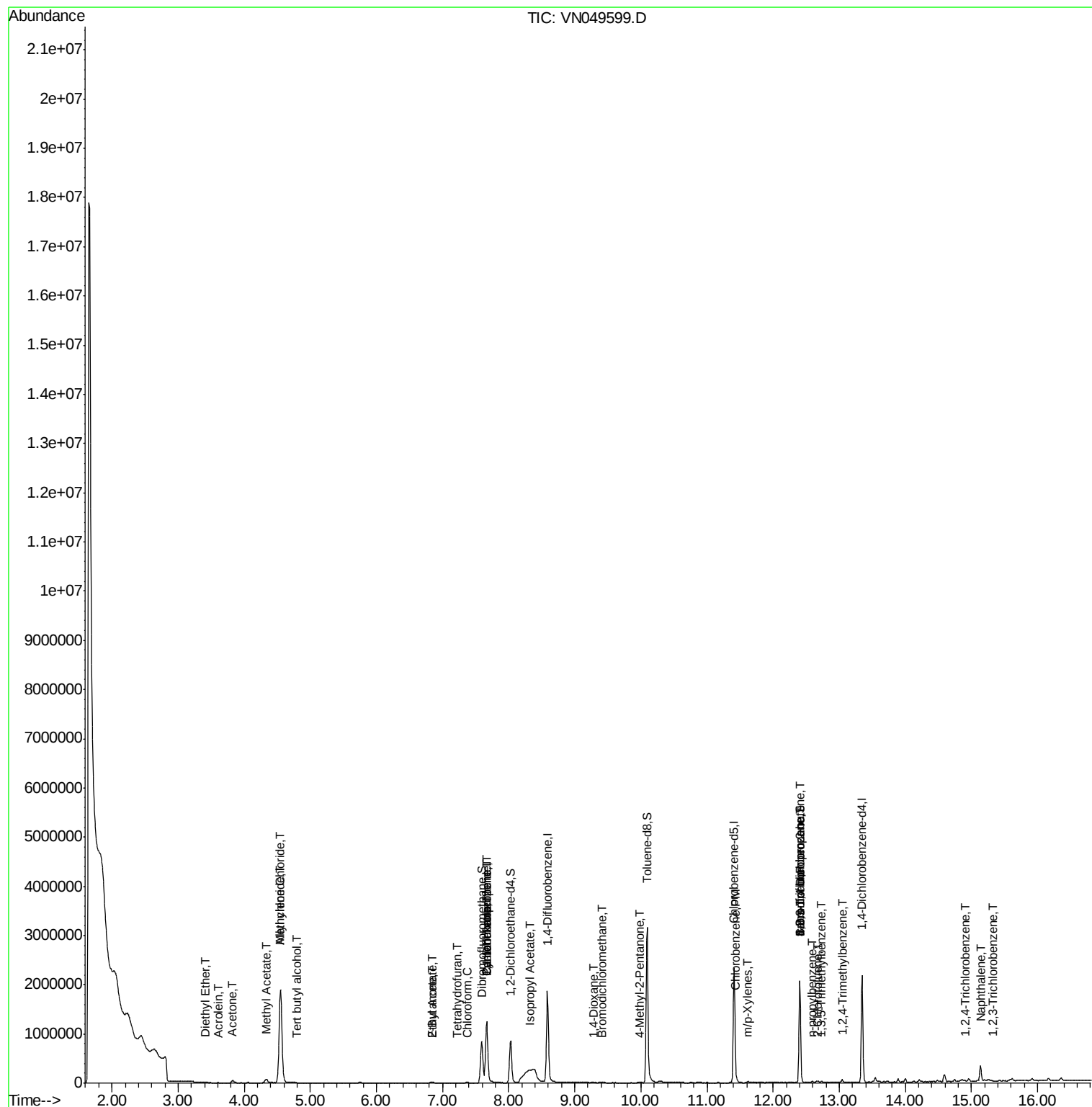
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

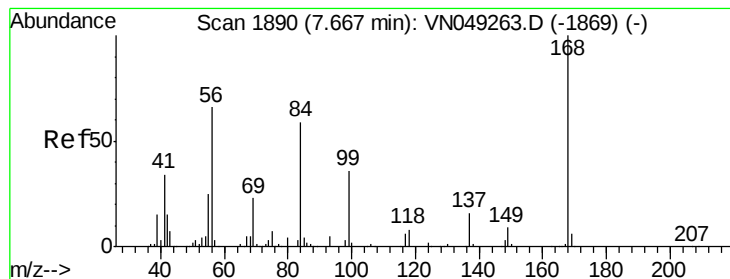
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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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: VN049599.D

Acq: 28 Jun 2018 19:17

Instrument :

MSVOA_N

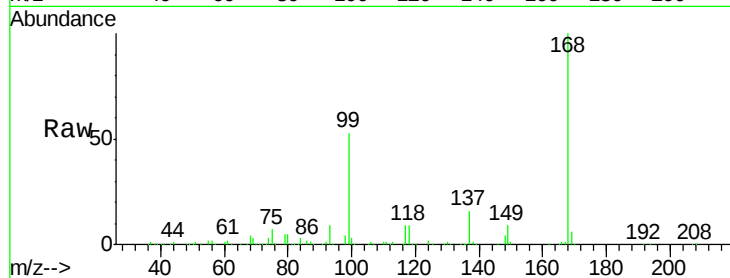
ClientSampled :

Tot Ion:168 Resp: 1120974

Ion Ratio Lower Upper

168 100

99 52.5 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

400000

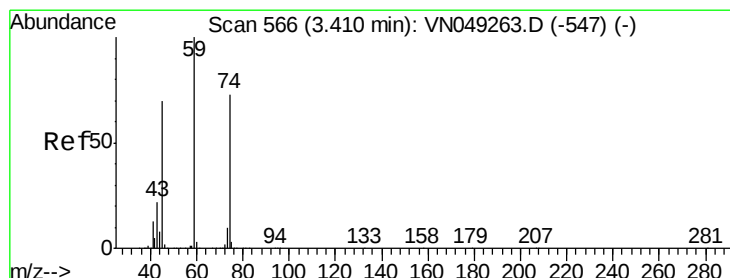
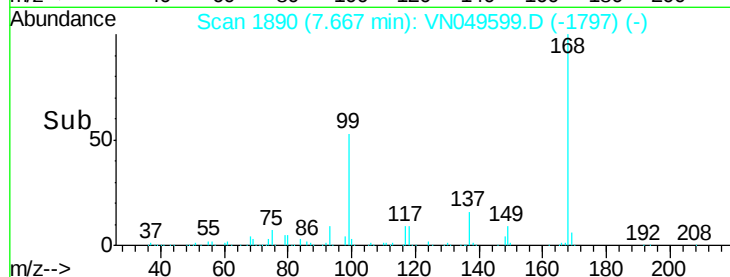
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#8

Diethyl Ether

Concen: 1.06 ug/l

RT: 3.41 min Scan# 565

Delta R.T. -0.00 min

Lab File: VN049599.D

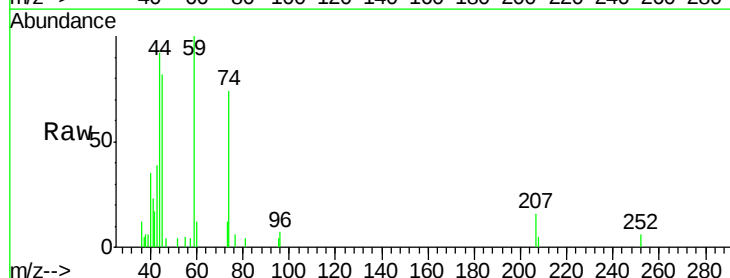
Acq: 28 Jun 2018 19:17

Tgt Ion: 74 Resp: 8151

Ion Ratio Lower Upper

74 100

45 112.3 51.9 155.8



Abundance Ion 74.00 (73.70 to 74.70): VN

Ion 45.00 (44.70 to 45.70): VN

3.41

4000

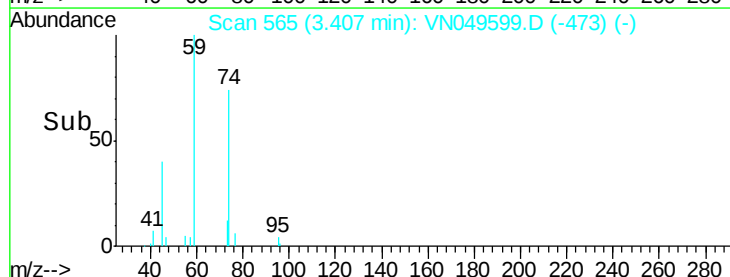
3000

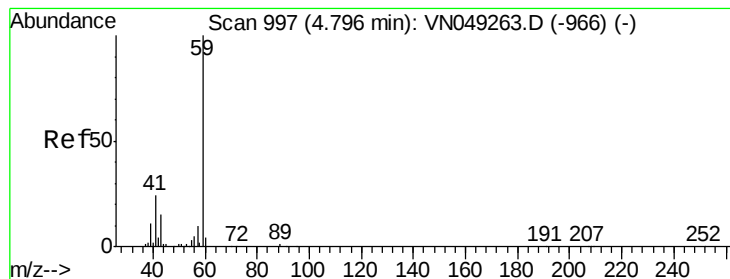
2000

1000

0

Time--> 3.35 3.40 3.45 3.50



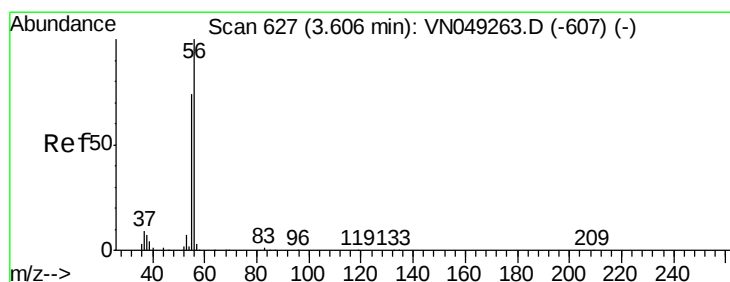
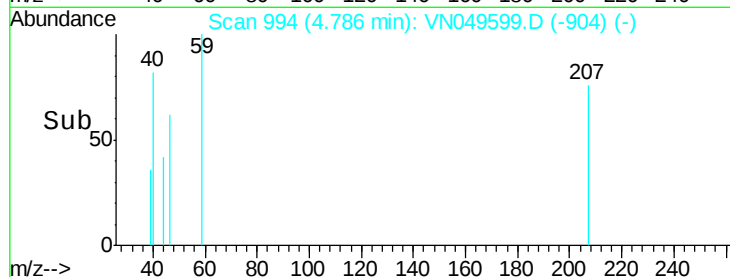
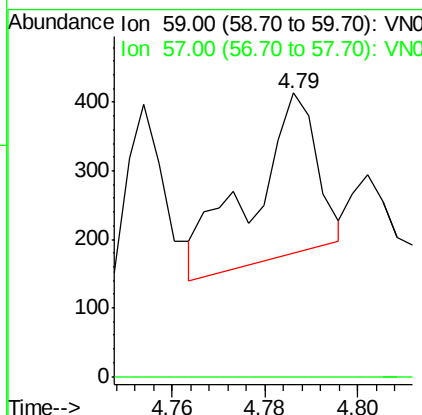
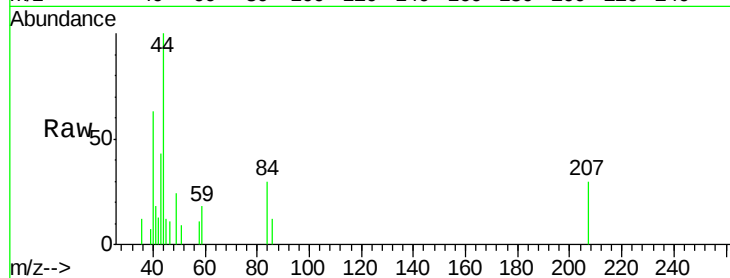


#11

Tert butyl alcohol
 Concen: 0.26 ug/l
 RT: 4.79 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: VN049599.D
 Acq: 28 Jun 2018 19:17

Instrument :
 MSVOA_N
 ClientSampled :

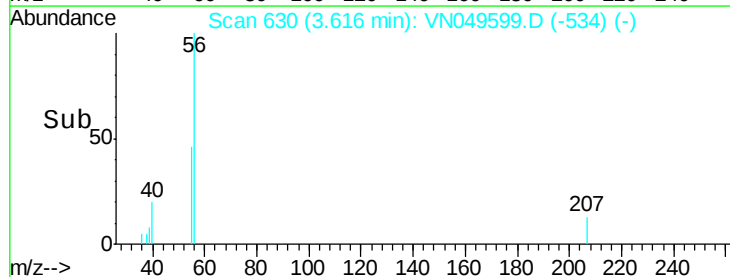
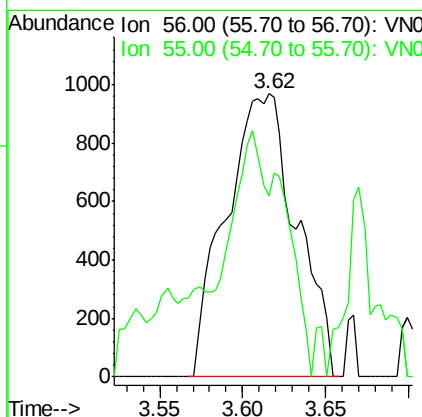
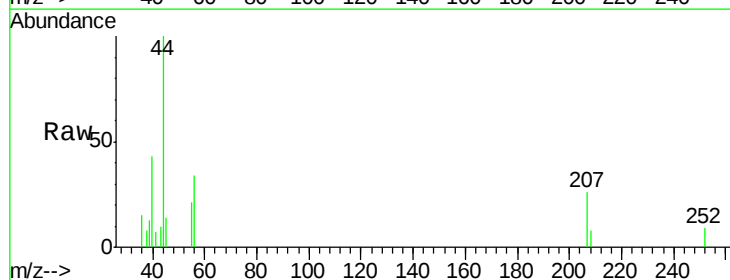
Tot Ion: 59 Resp: 226
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.0 13.6#

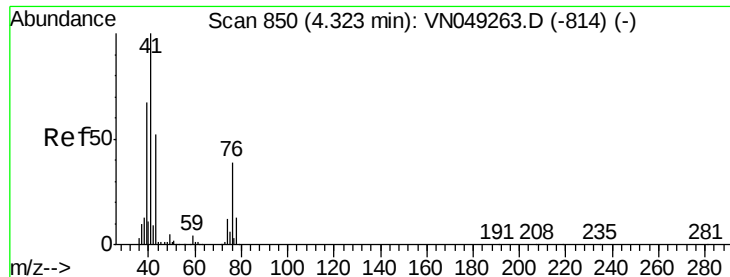


#13

Acrolein
 Concen: 3.14 ug/l
 RT: 3.62 min Scan# 630
 Delta R.T. 0.01 min
 Lab File: VN049599.D
 Acq: 28 Jun 2018 19:17

Tgt Ion: 56 Resp: 2869
 Ion Ratio Lower Upper
 56 100
 55 22.2 57.1 85.7#

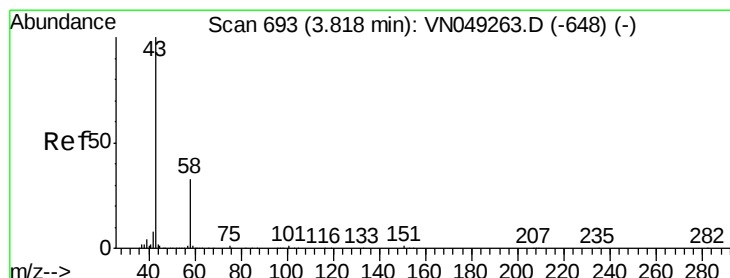
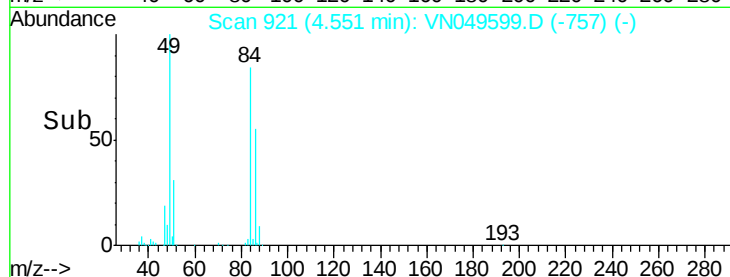
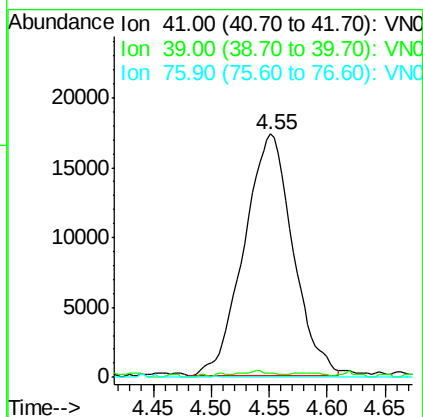
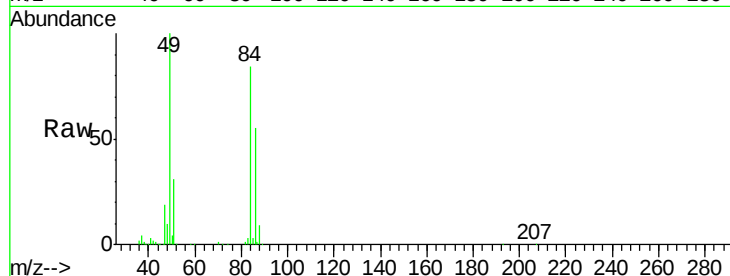




#14
Allv1 chloride
Concen: 2.48 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.23 min
Lab File: VN049599.D
Acq: 28 Jun 2018 19:17

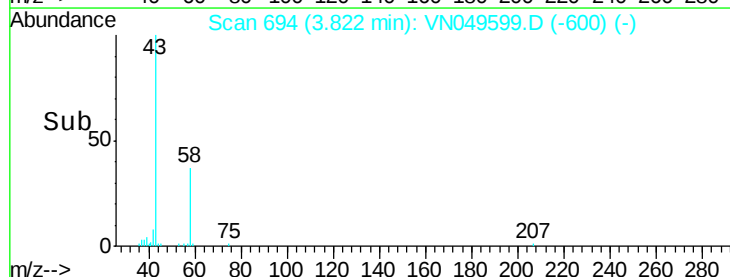
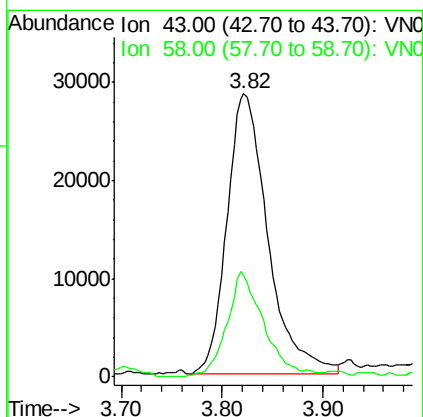
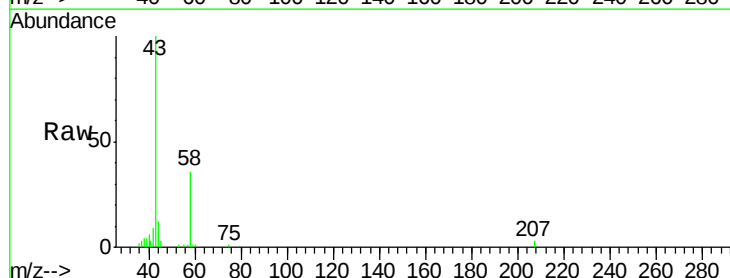
Instrument :
MSVOA_N
ClientSampled :

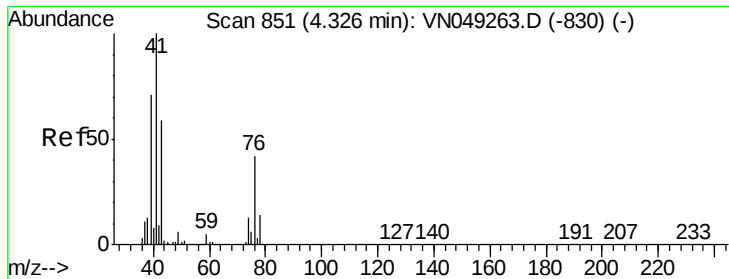
Tot Ion	Ratio	Lower	Upper
41	100		
39	1.0	62.5	93.7#
76	0.0	27.1	40.7#



#16
Acetone
Concen: 22.45 ug/l
RT: 3.82 min Scan# 694
Delta R.T. 0.00 min
Lab File: VN049599.D
Acq: 28 Jun 2018 19:17

Tgt Ion	Ratio	Lower	Upper
43	100		
58	35.7	22.4	33.6#

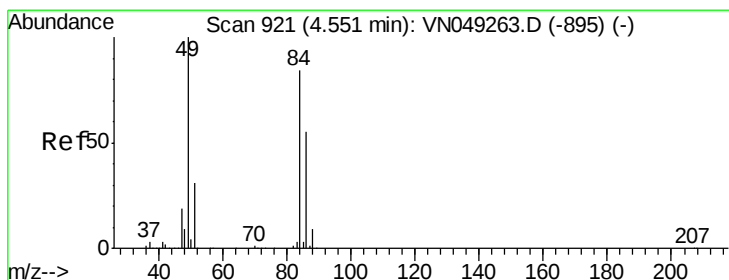
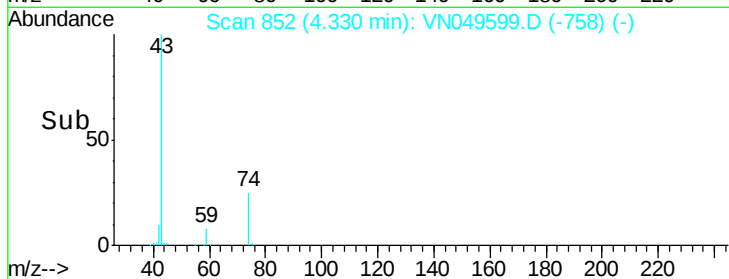
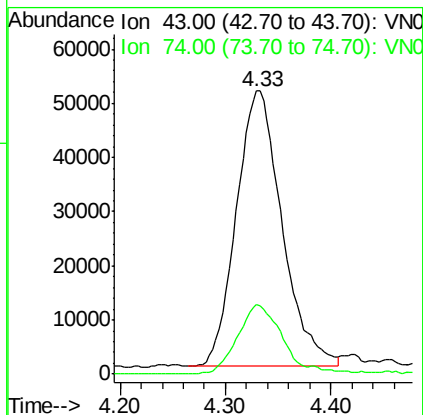
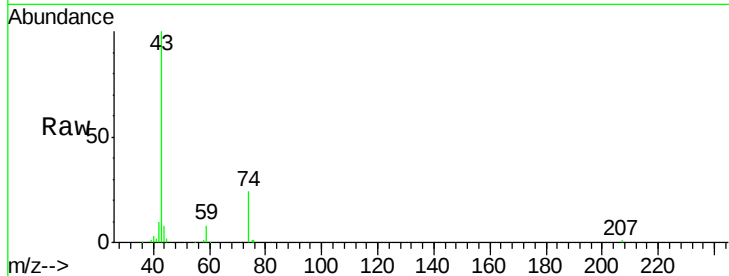




#18
Methvl Acetate
Concen: 13.89 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049599.D
Acq: 28 Jun 2018 19:17

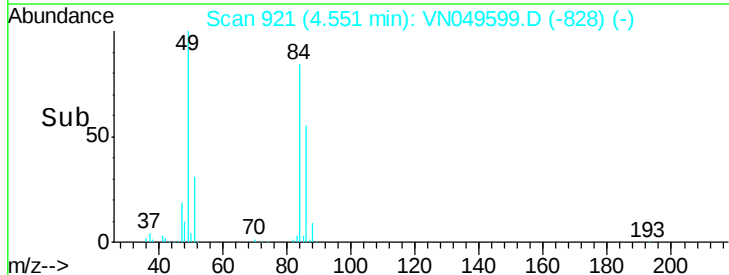
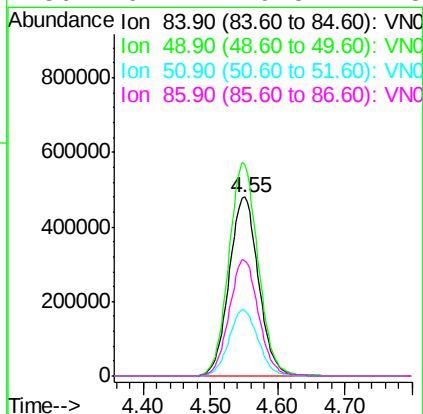
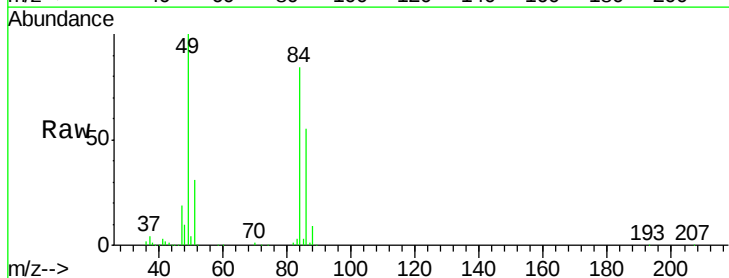
Instrument :
MSVOA_N
ClientSampled :

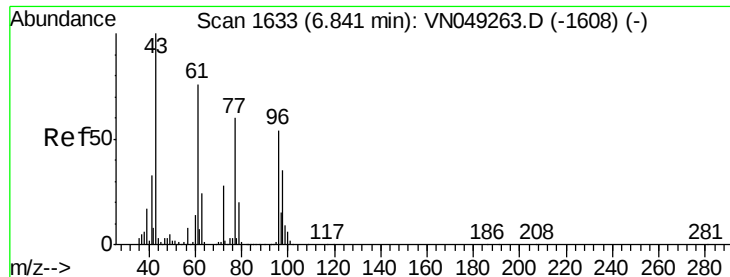
Tot Ion: 43 Resp: 152937
Ion Ratio Lower Upper
43 100
74 23.6 17.4 26.0



#20
Methylene Chloride
Concen: 97.02 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049599.D
Acq: 28 Jun 2018 19:17

Tgt Ion: 84 Resp: 1462727
Ion Ratio Lower Upper
84 100
49 118.3 106.9 160.3
51 36.5 32.7 49.1
86 64.7 49.8 74.8

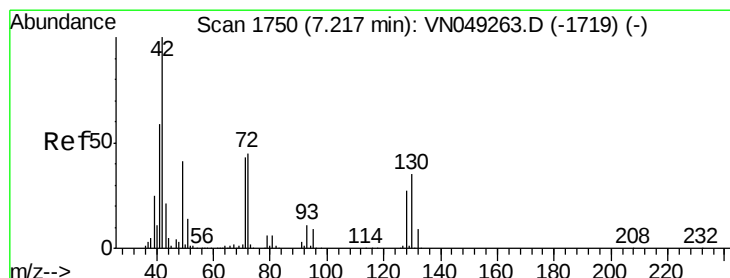
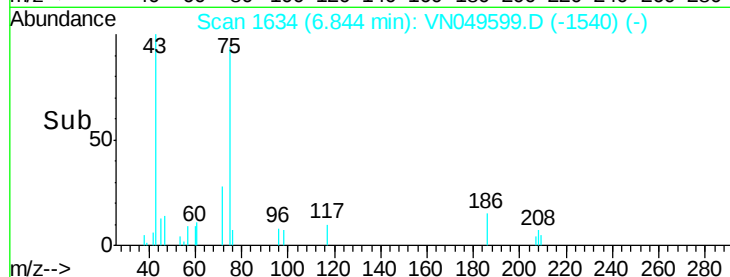
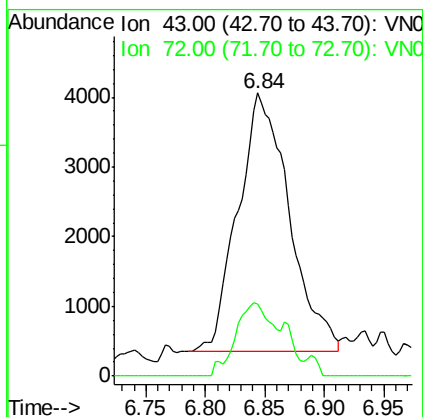
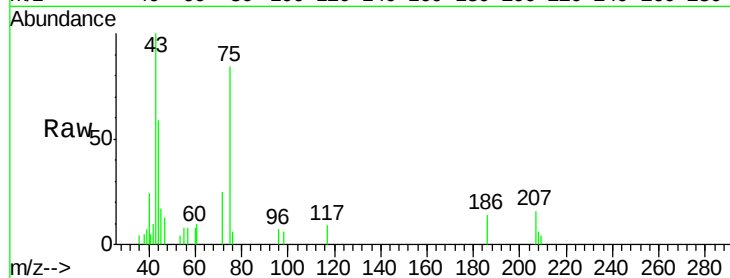




#25
2-Butanone
Concen: 2.29 ug/l
RT: 6.84 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VN049599.D
Acq: 28 Jun 2018 19:17

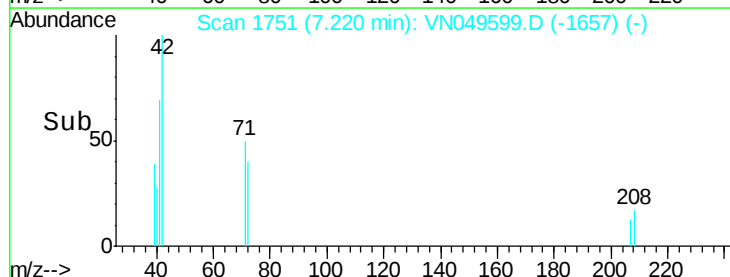
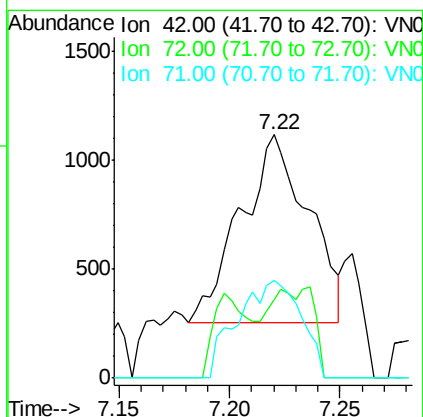
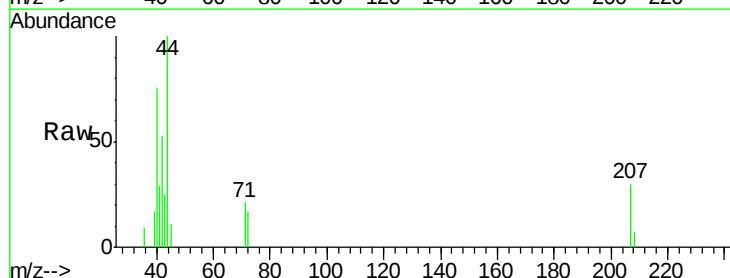
Instrument :
MSVOA_N
ClientSampled :

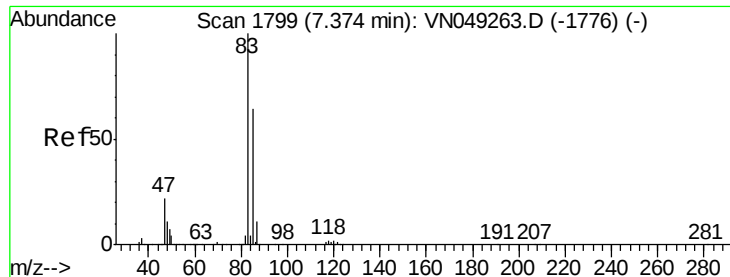
Tot Ion: 43 Resp: 11102
Ion Ratio Lower Upper
43 100
72 27.9 20.2 30.2



#29
Tetrahydrofuran
Concen: 0.59 ug/l
RT: 7.22 min Scan# 1751
Delta R.T. 0.00 min
Lab File: VN049599.D
Acq: 28 Jun 2018 19:17

Tgt Ion: 42 Resp: 1833
Ion Ratio Lower Upper
42 100
72 6.2 32.2 48.4#
71 48.8 30.5 45.7#

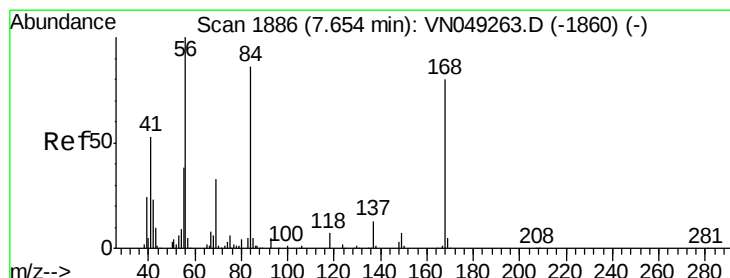
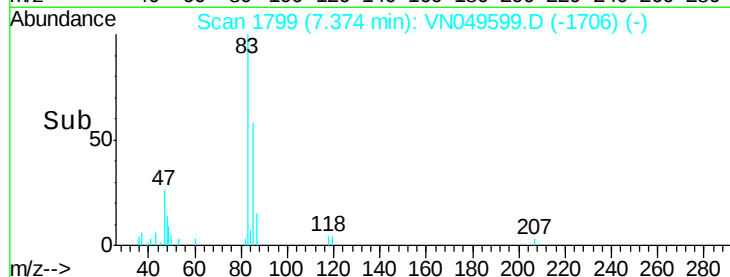
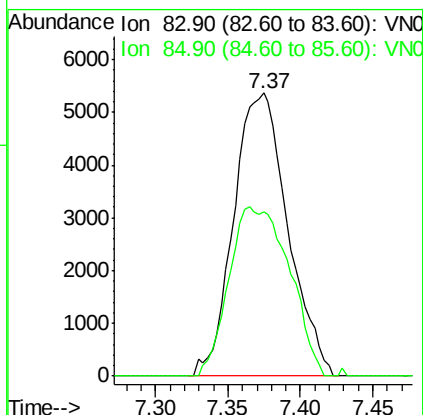
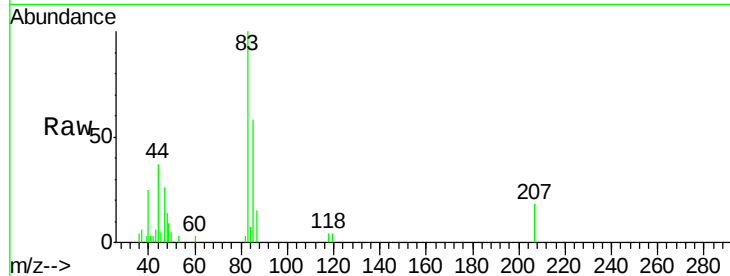




#30
Chloroform
Concen: 0.54 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN049599.D
Acq: 28 Jun 2018 19:17

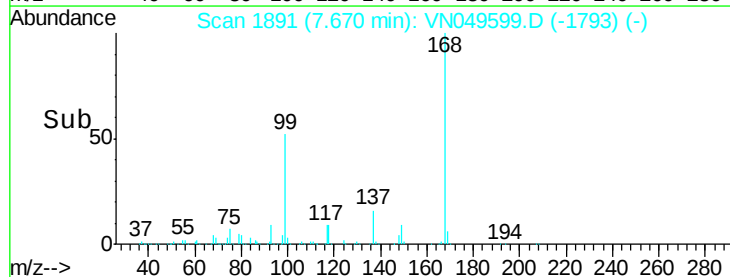
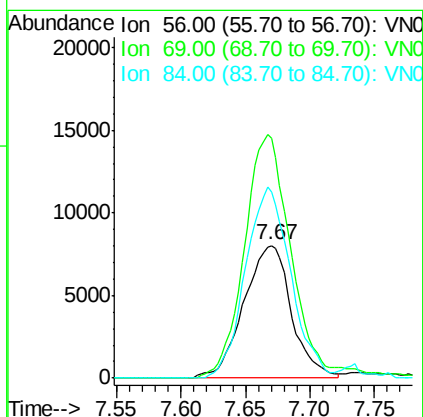
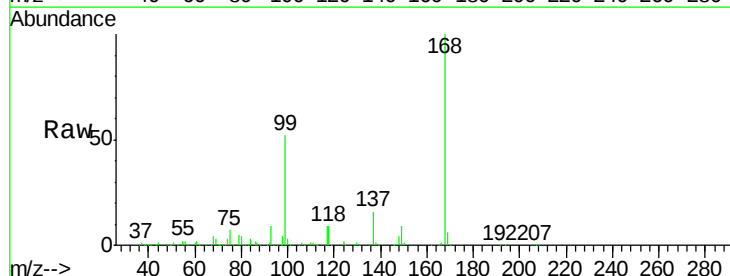
Instrument :
MSVOA_N
ClientSampleId :

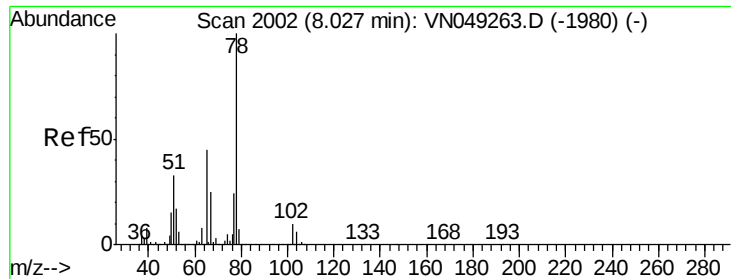
Tot Ion: 83 Resp: 13935
Ion Ratio Lower Upper
83 100
85 57.9 51.7 77.5



#31
Cyclohexane
Concen: 0.77 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. 0.02 min
Lab File: VN049599.D
Acq: 28 Jun 2018 19:17

Tgt Ion: 56 Resp: 20698
Ion Ratio Lower Upper
56 100
69 180.7 25.0 37.4#
84 140.0 64.6 96.8#





#33

1,2-Dichloroethane-d4

Concen: 50.17 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. 0.00 min

Lab File: VN049599.D

Acq: 28 Jun 2018 19:17

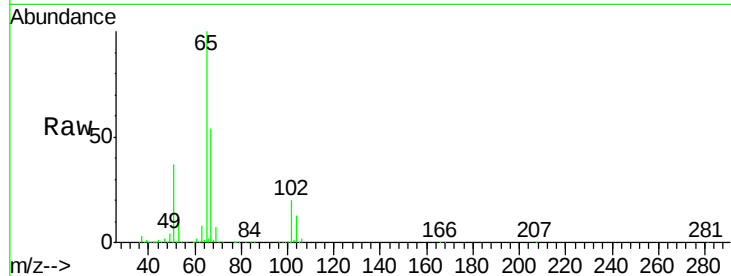
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 65 Resp: 745923

Ion Ratio Lower Upper

65 100

67 53.8 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN049599.D (-1909) (-)

Ion 66.90 (66.60 to 67.60): VN049599.D (-1909) (-)

8.03

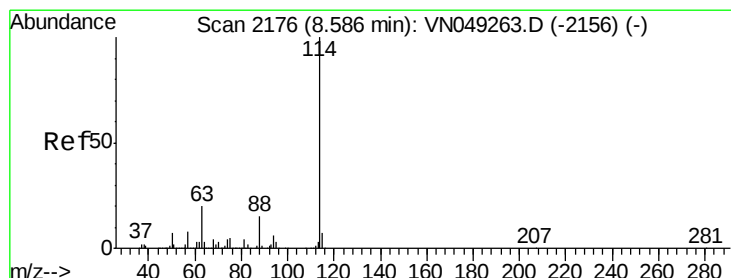
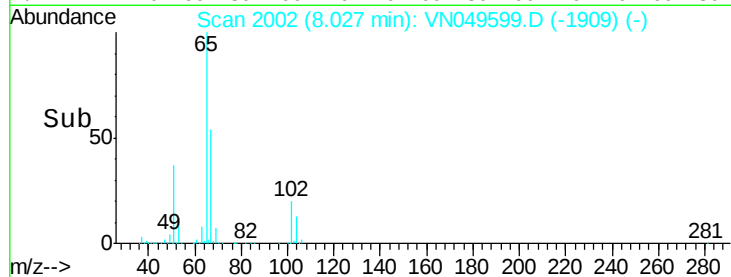
300000

200000

100000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049599.D

Acq: 28 Jun 2018 19:17

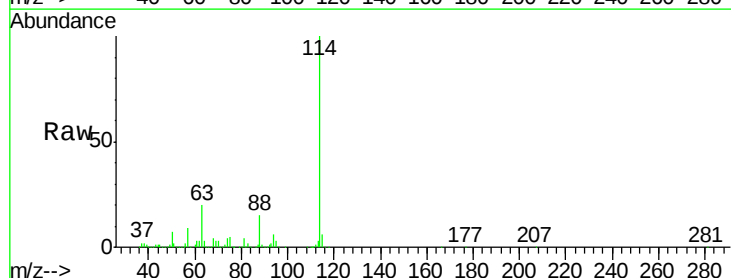
Tgt Ion: 114 Resp: 1793127

Ion Ratio Lower Upper

114 100

63 20.1 0.0 44.4

88 15.4 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN049599.D (-2083) (-)

Ion 63.00 (62.70 to 63.70): VN049599.D (-2083) (-)

Ion 87.90 (87.60 to 88.60): VN049599.D (-2083) (-)

8.59

1000000

800000

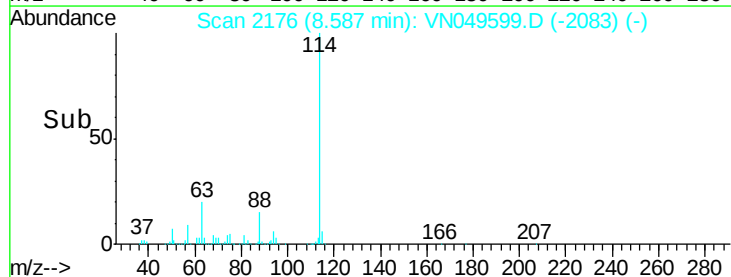
600000

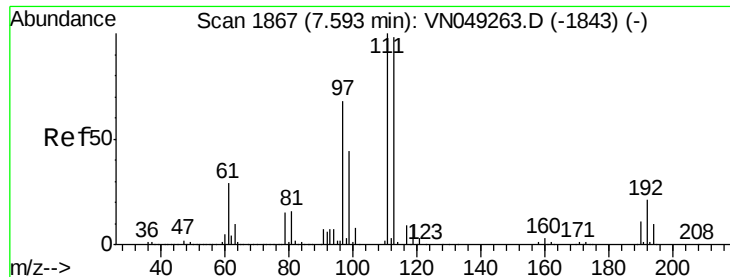
400000

200000

0

Time-->

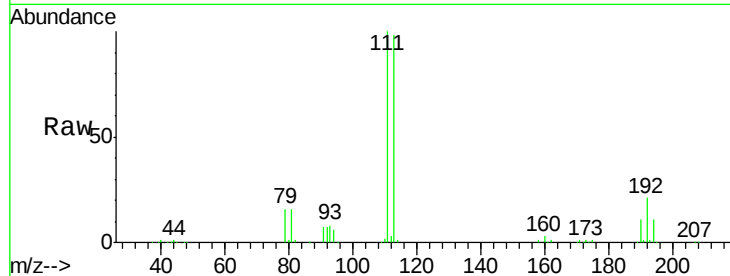




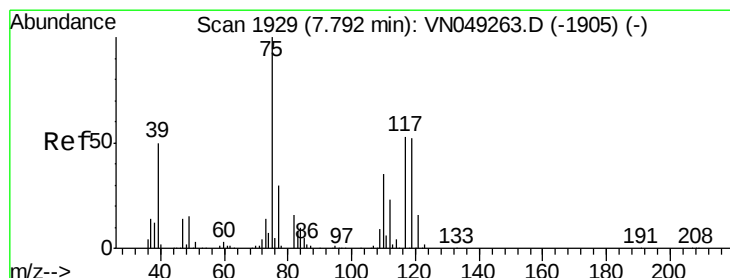
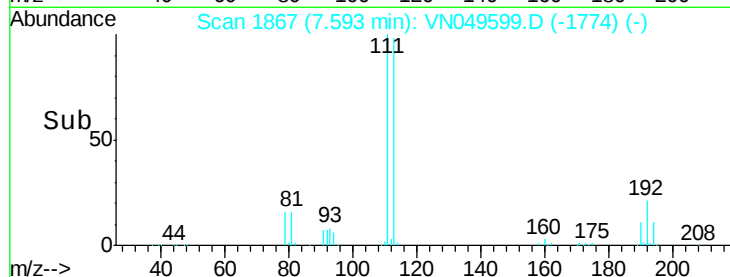
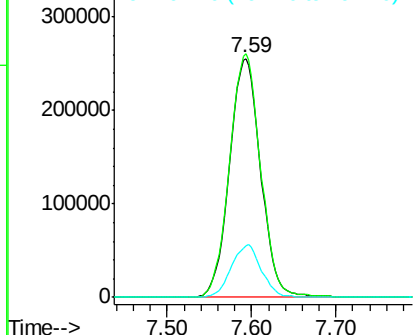
#35
Dibromofluoromethane
Concen: 45.40 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN049599.D
Acq: 28 Jun 2018 19:17

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:113 Resp: 658672
Ion Ratio Lower Upper
113 100
111 101.7 82.4 123.6
192 21.3 15.0 22.6

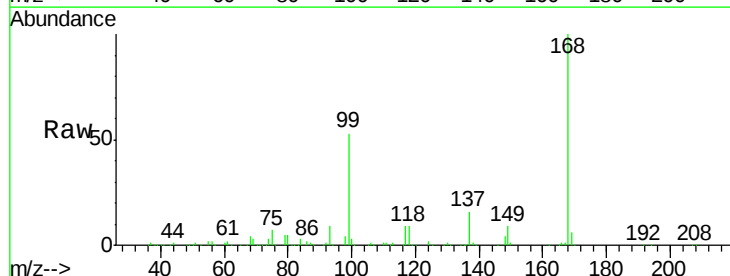


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

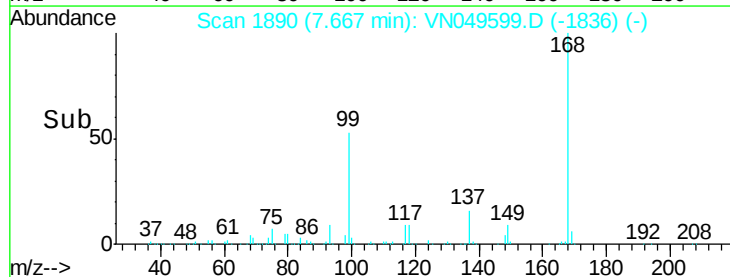
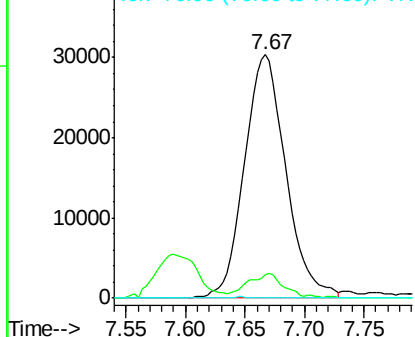


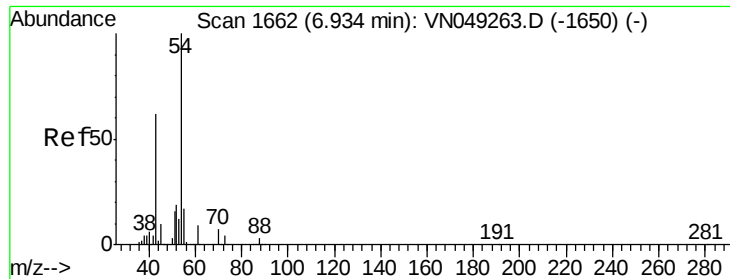
#36
1,1-Dichloropropene
Concen: 3.57 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.13 min
Lab File: VN049599.D
Acq: 28 Jun 2018 19:17

Tgt Ion: 75 Resp: 73325
Ion Ratio Lower Upper
75 100
110 9.1 17.0 50.9#
77 0.0 24.4 36.6#



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

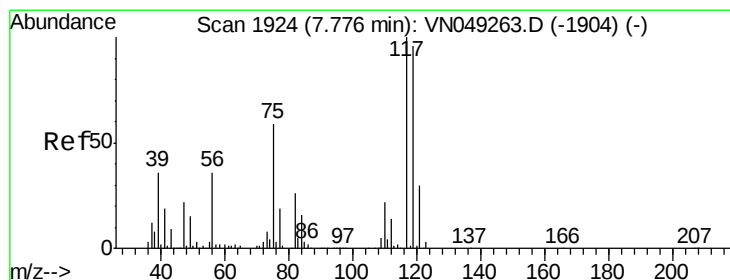
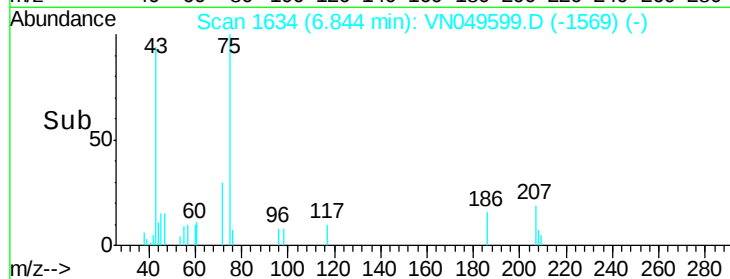
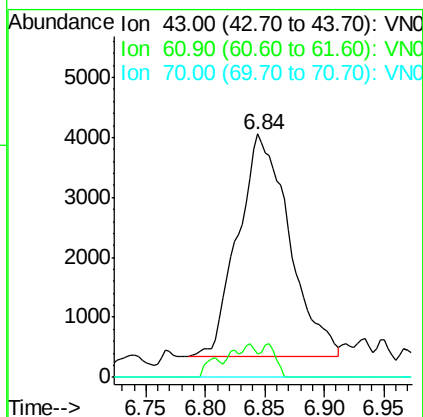
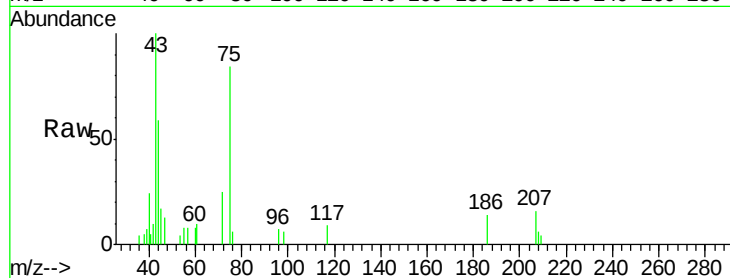




#37
Ethyl Acetate
Concen: 0.99 ug/l
RT: 6.84 min Scan# 1634
Delta R.T. -0.09 min
Lab File: VN049599.D
Acq: 28 Jun 2018 19:17

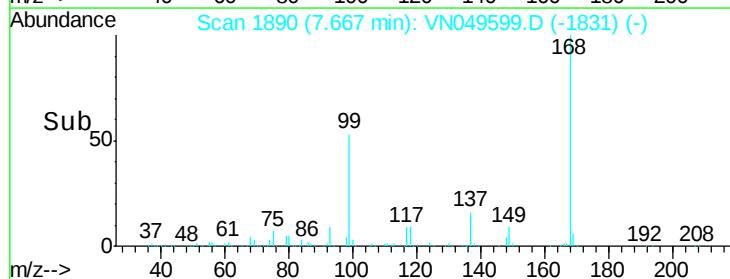
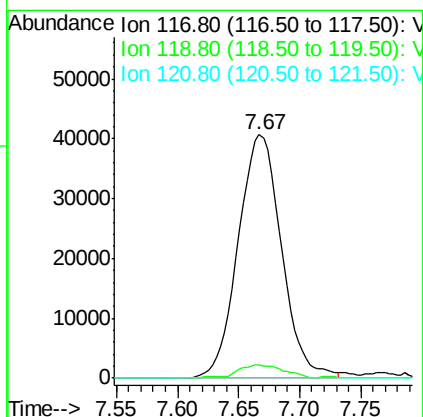
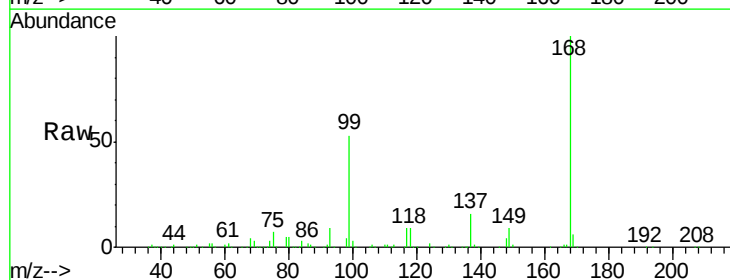
Instrument :
MSVOA_N
ClientSampled :

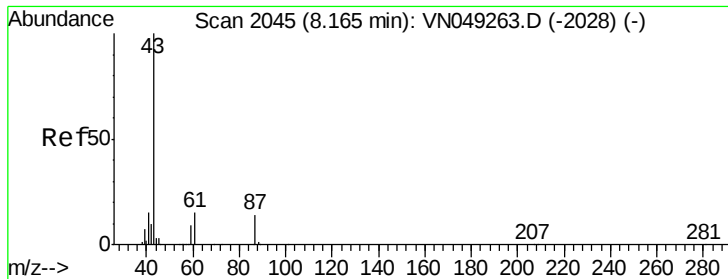
Tot Ion: 43 Resp: 11114
Ion Ratio Lower Upper
43 100
61 3.4 11.0 16.4#
70 0.0 7.2 10.8#



#38
Carbon Tetrachloride
Concen: 4.68 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.11 min
Lab File: VN049599.D
Acq: 28 Jun 2018 19:17

Tgt Ion: 117 Resp: 99606
Ion Ratio Lower Upper
117 100
119 5.3 75.6 113.4#
121 0.0 24.7 37.1#



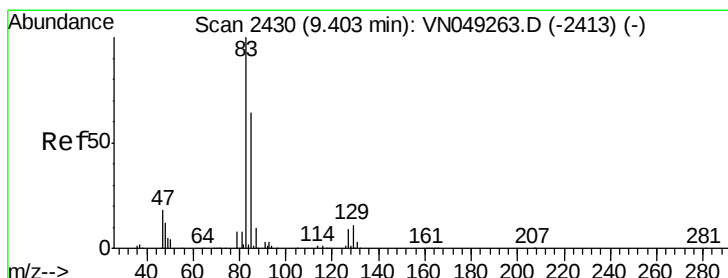
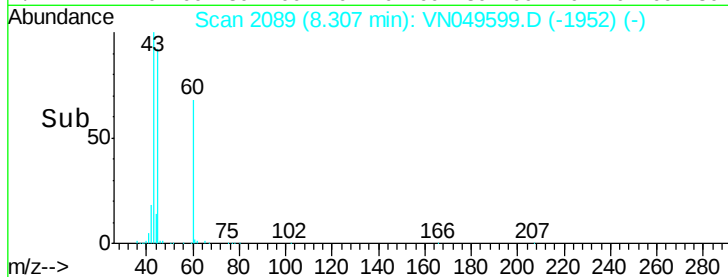
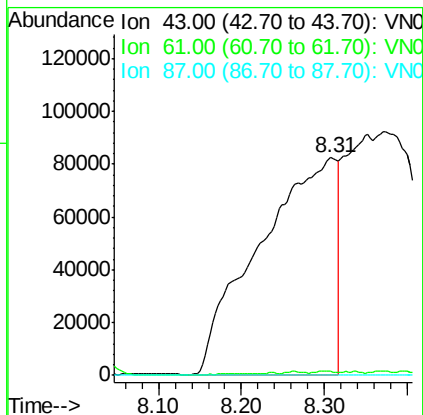
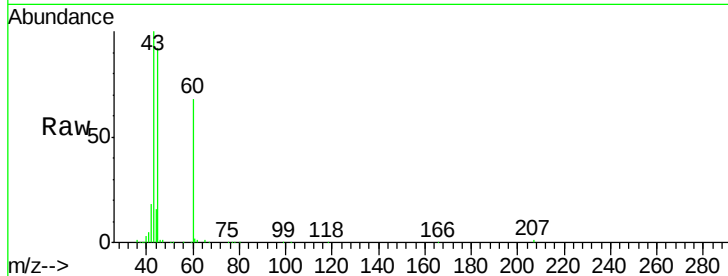


#43

Isopropyl Acetate
 Concen: 24.83 ug/l
 RT: 8.31 min Scan# 2089
 Delta R.T. 0.14 min
 Lab File: VN049599.D
 Acq: 28 Jun 2018 19:17

Instrument :
 MSVOA_N
 ClientSampled :

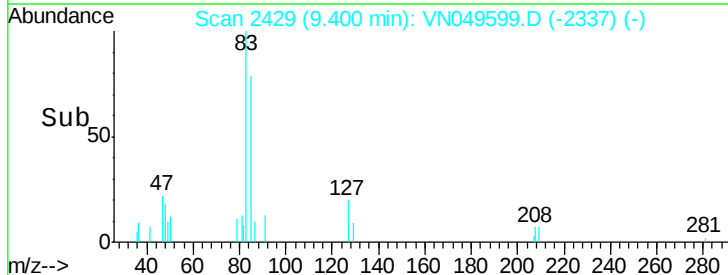
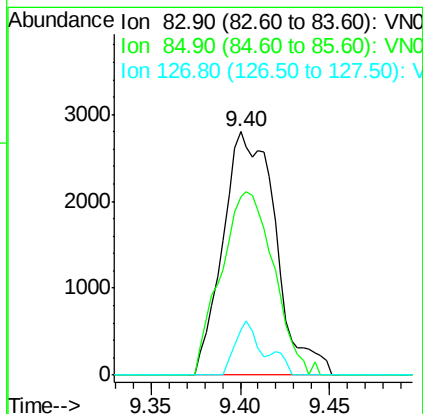
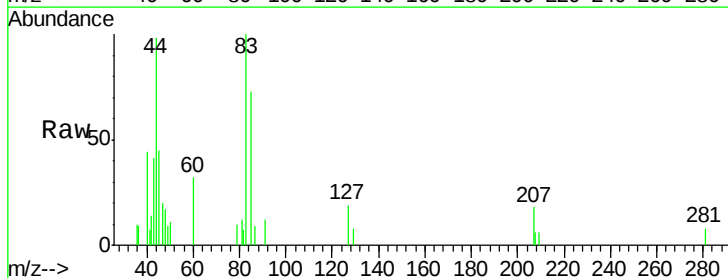
Tot Ion: 43 Resp: 529963
 Ion Ratio Lower Upper
 43 100
 61 0.2 14.2 21.4#
 87 0.0 9.4 14.0#

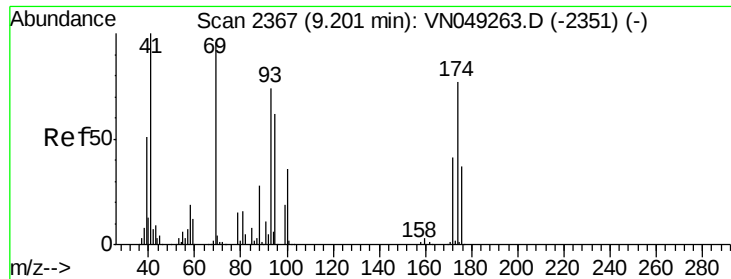


#47

Bromodichloromethane
 Concen: 0.27 ug/l
 RT: 9.40 min Scan# 2429
 Delta R.T. -0.00 min
 Lab File: VN049599.D
 Acq: 28 Jun 2018 19:17

Tgt Ion: 83 Resp: 5755
 Ion Ratio Lower Upper
 83 100
 85 73.3 49.4 74.0
 127 18.8 6.3 9.5#

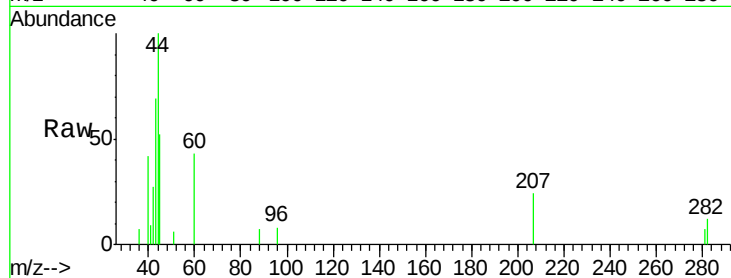




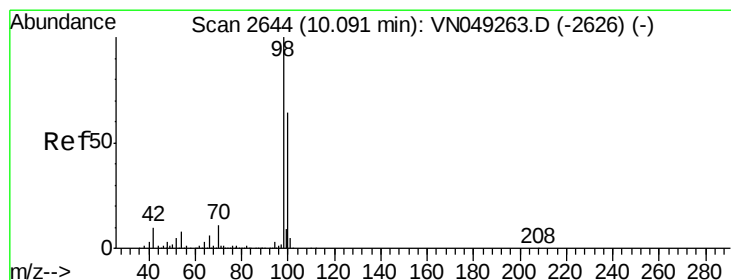
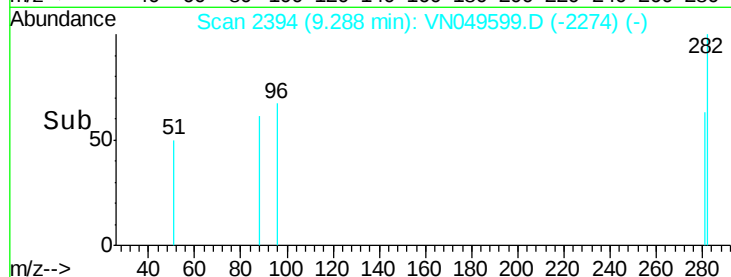
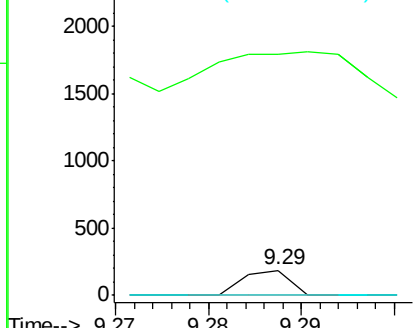
#49
1,4-Dioxane
Concen: 0.48 ug/l
RT: 9.29 min Scan# 2394
Delta R.T. 0.09 min
Lab File: VN049599.D
Acq: 28 Jun 2018 19:17

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 67
Ion Ratio Lower Upper
88 100
43 579.1 30.9 46.3#
58 0.0 58.9 88.3#

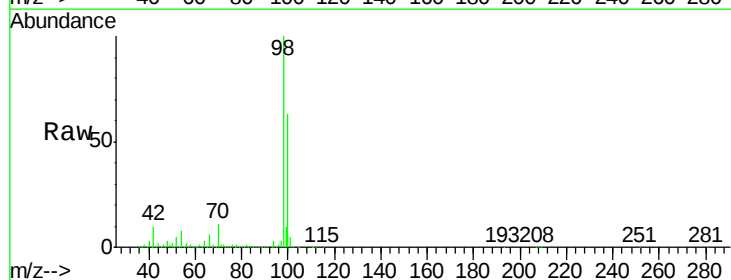


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

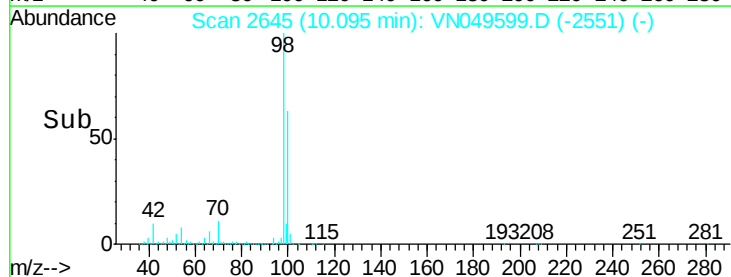
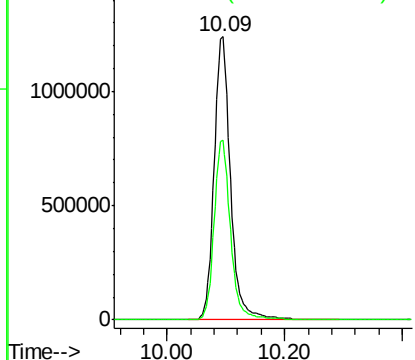


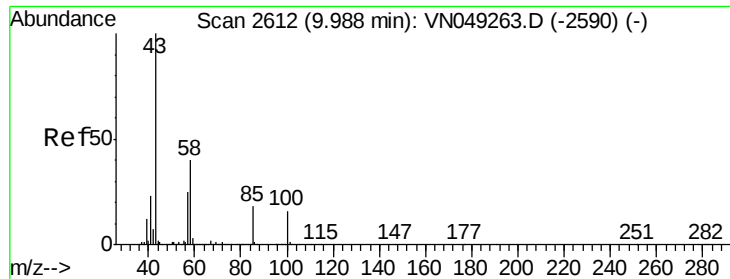
#50
Toluene-d8
Concen: 43.33 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049599.D
Acq: 28 Jun 2018 19:17

Tgt Ion: 98 Resp: 2393208
Ion Ratio Lower Upper
98 100
100 63.4 49.8 74.8



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

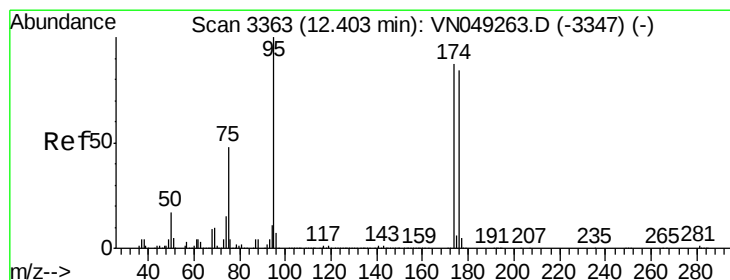
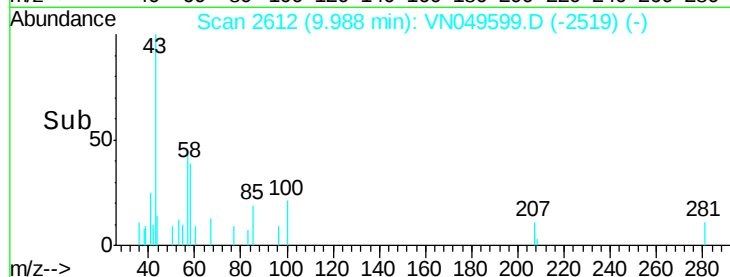
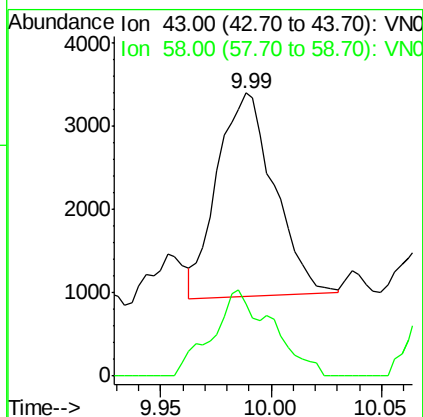
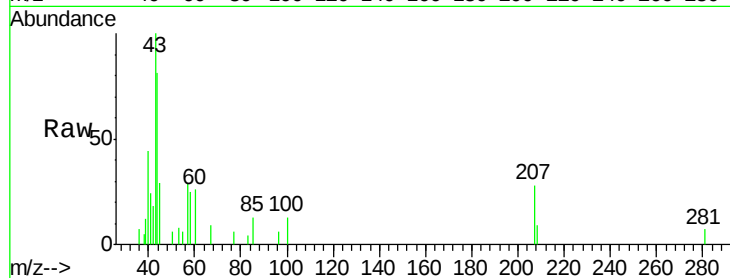




#51
4-Methyl-2-Pentanone
Concen: 0.39 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN049599.D
Acq: 28 Jun 2018 19:17

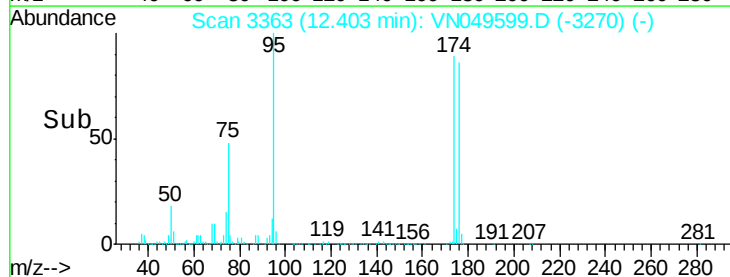
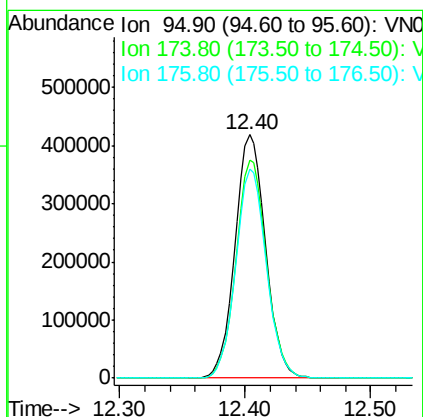
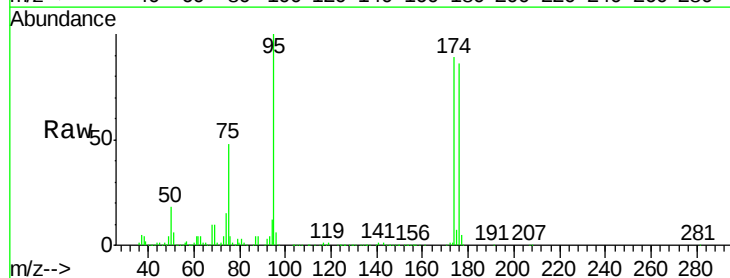
Instrument :
MSVOA_N
ClientSampled :

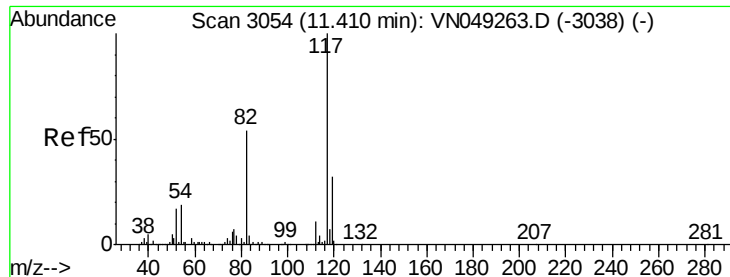
Tot Ion: 43 Resp: 4389
Ion Ratio Lower Upper
43 100
58 44.6 29.0 43.6#



#62
4-Bromofluorobenzene
Concen: 38.72 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049599.D
Acq: 28 Jun 2018 19:17

Tgt Ion: 95 Resp: 707199
Ion Ratio Lower Upper
95 100
174 89.7 0.0 165.6
176 86.2 0.0 157.4

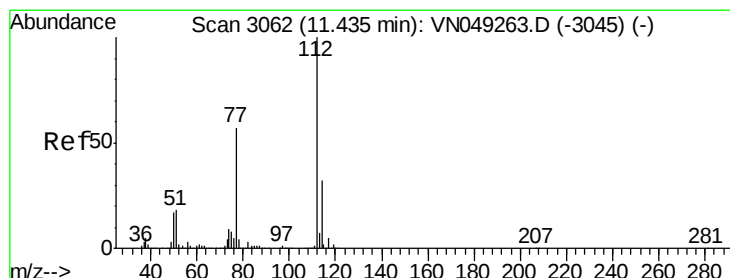
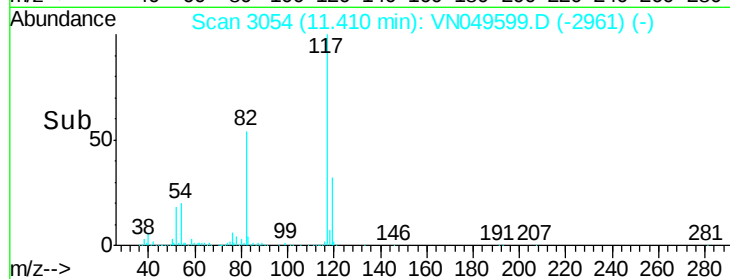
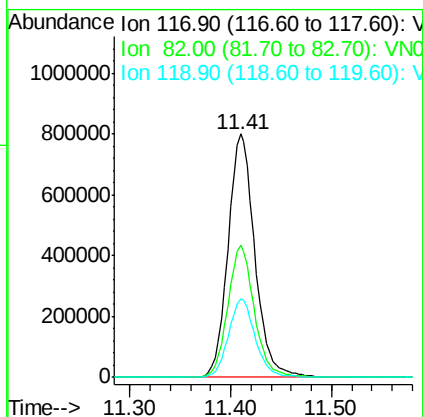
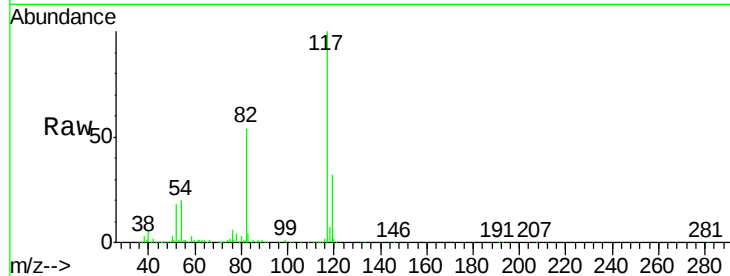




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049599.D
Acq: 28 Jun 2018 19:17

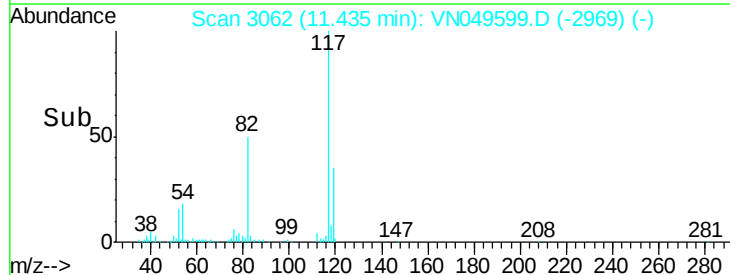
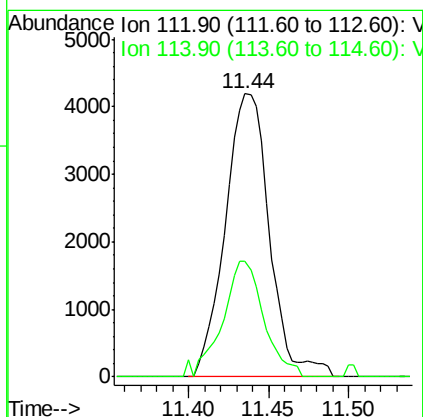
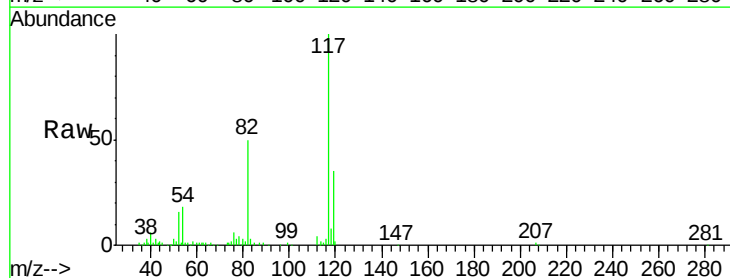
Instrument :
MSVOA_N
ClientSampled :

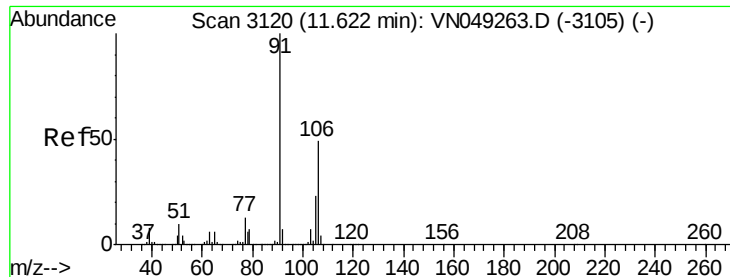
Tot Ion:117 Resp: 1476571
Ion Ratio Lower Upper
117 100
82 54.2 45.9 68.9
119 32.3 25.5 38.3



#65
Chlorobenzene
Concen: 0.21 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN049599.D
Acq: 28 Jun 2018 19:17

Tgt Ion:112 Resp: 7878
Ion Ratio Lower Upper
112 100
114 40.6 26.2 39.4#

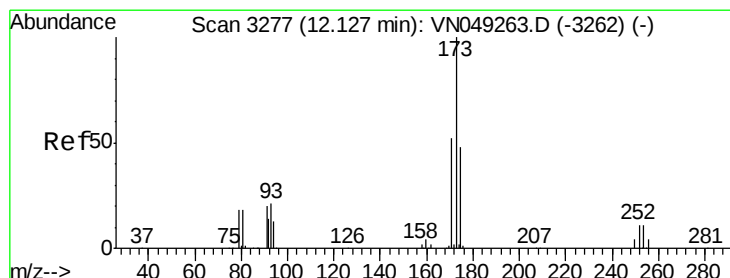
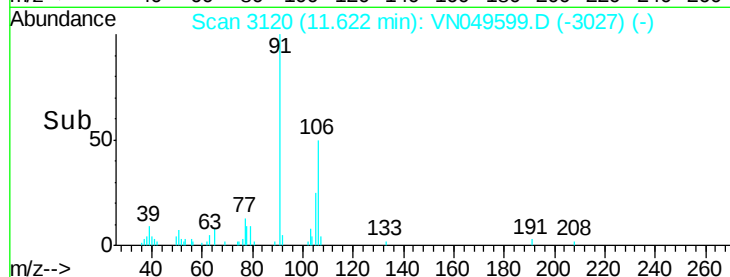
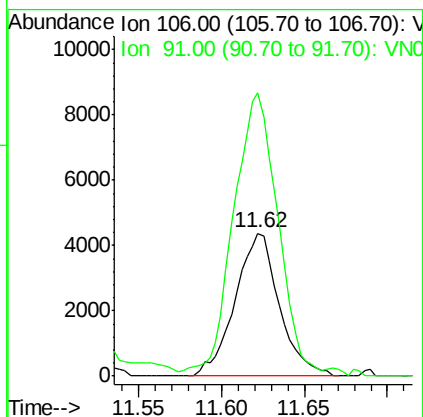
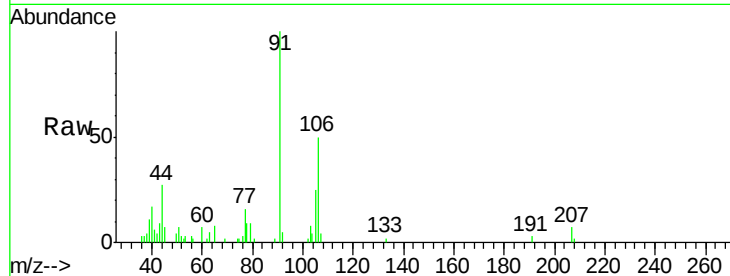




#68
m/p-Xvlenes
Concen: 0.34 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. 0.00 min
Lab File: VN049599.D
Acq: 28 Jun 2018 19:17

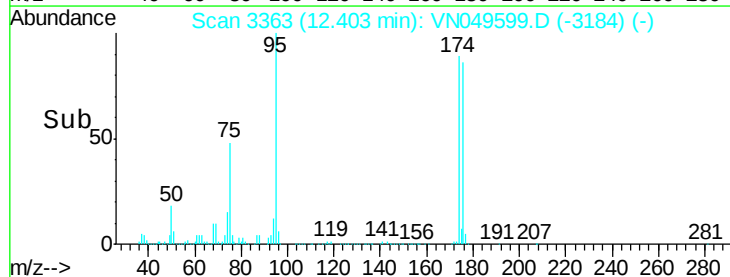
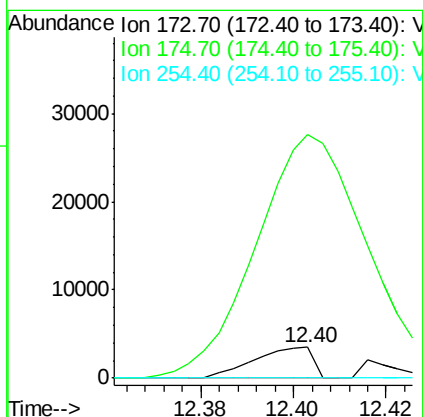
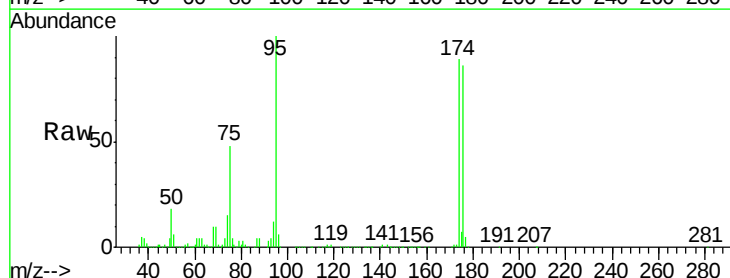
Instrument :
MSVOA_N
ClientSampled :

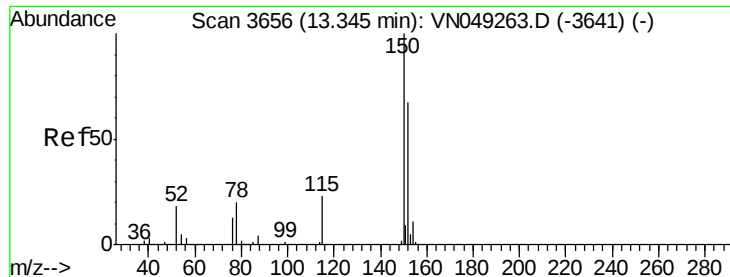
Tot Ion:106 Resp: 8092
Ion Ratio Lower Upper
106 100
91 191.9 167.3 250.9



#71
Bromoform
Concen: 0.33 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.28 min
Lab File: VN049599.D
Acq: 28 Jun 2018 19:17

Tgt Ion:173 Resp: 3067
Ion Ratio Lower Upper
173 100
175 1226.2 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# 3656

Delta R.T. 0.00 min

Lab File: VN049599.D

Acq: 28 Jun 2018 19:17

Instrument :

MSVOA_N

ClientSampleId :

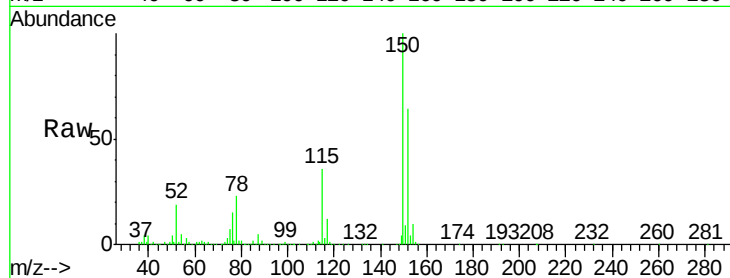
Tot Ion:152 Resp: 610579

Ion Ratio Lower Upper

152 100

115 56.6 28.7 86.1

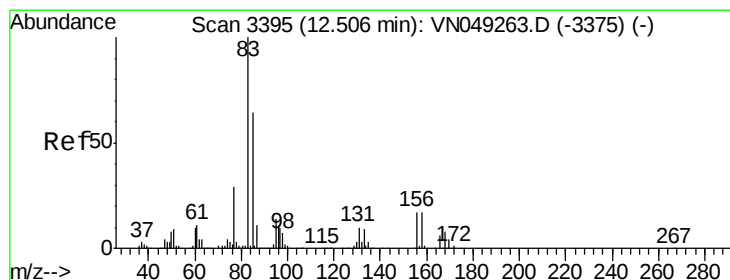
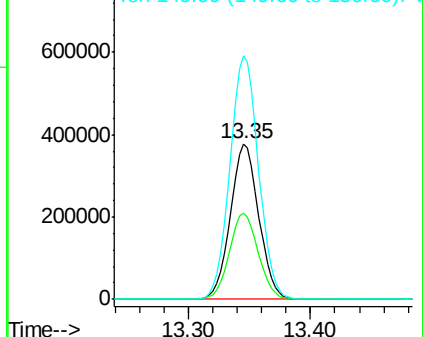
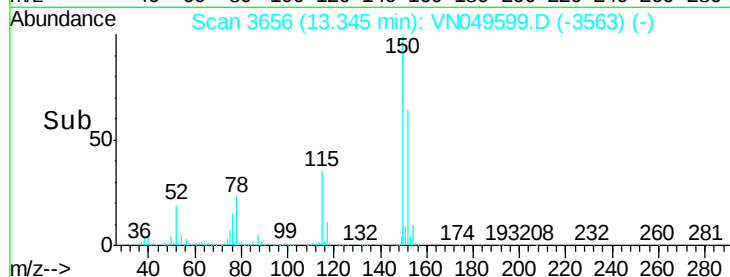
150 158.2 0.0 351.0



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: 12.40 min Scan# 3362

Delta R.T. -0.11 min

Lab File: VN049599.D

Acq: 28 Jun 2018 19:17

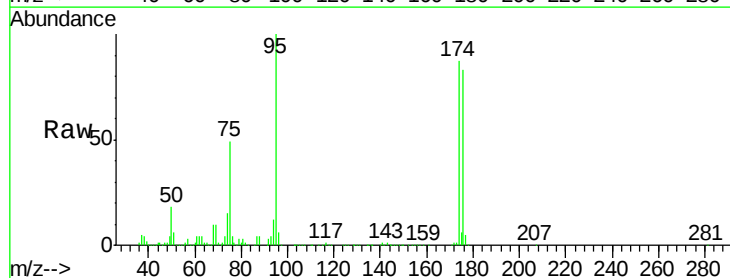
Tgt Ion: 83 Resp: 461

Ion Ratio Lower Upper

83 100

131 191.5 5.0 15.0#

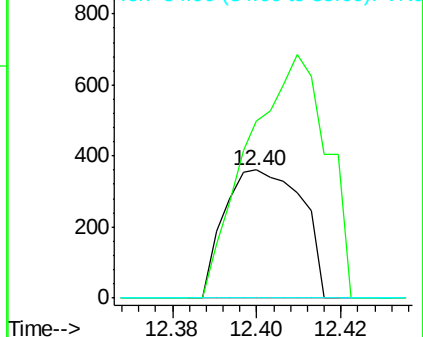
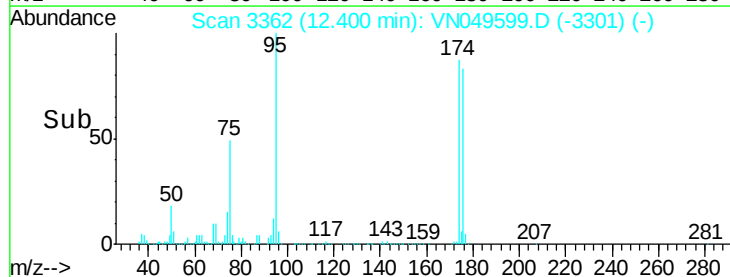
85 0.0 32.0 96.0#

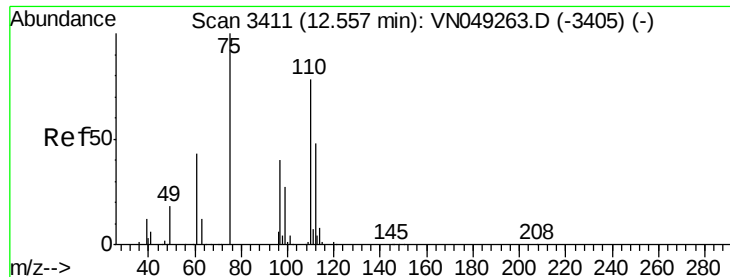


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 32.84 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049599.D

Acq: 28 Jun 2018 19:17

Instrument :

MSVOA_N

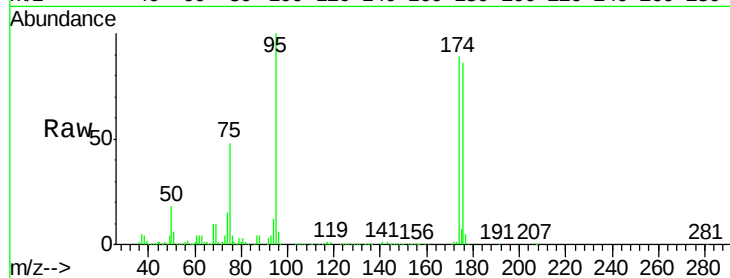
ClientSampled :

Tot Ion: 75 Resp: 342171

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

12.40

200000

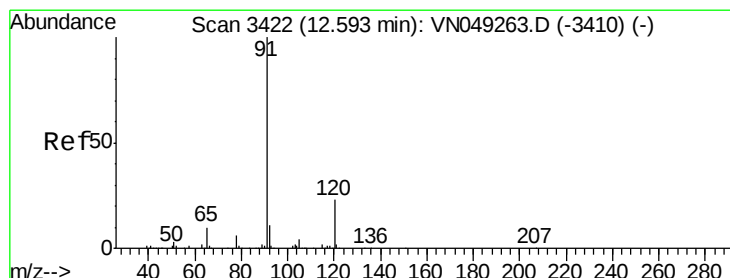
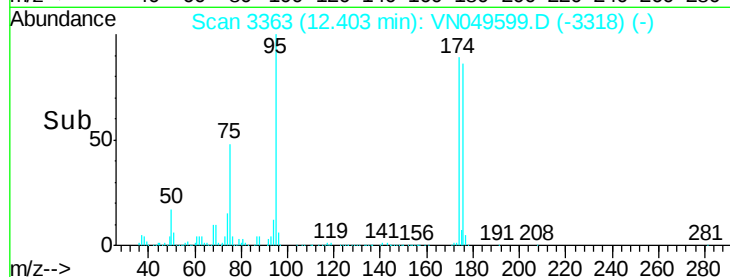
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#78

n-propylbenzene

Concen: 0.24 ug/l

RT: 12.59 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN049599.D

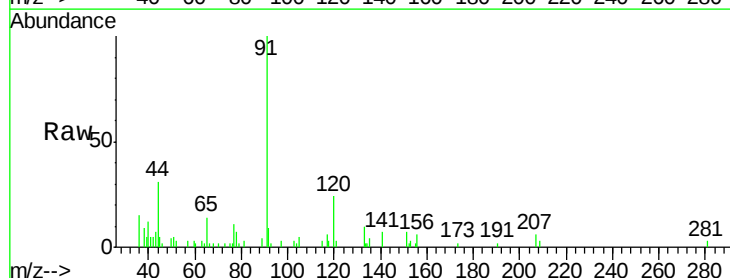
Acq: 28 Jun 2018 19:17

Tgt Ion: 91 Resp: 14361

Ion Ratio Lower Upper

91 100

120 25.2 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

12.59

10000

8000

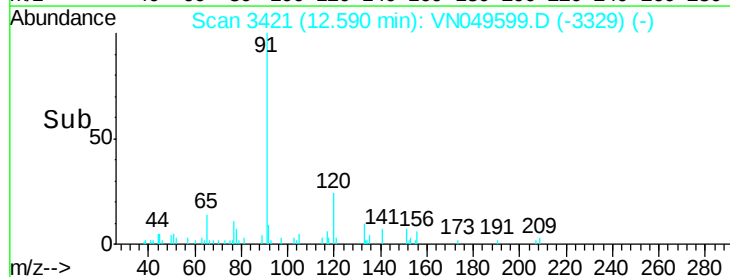
6000

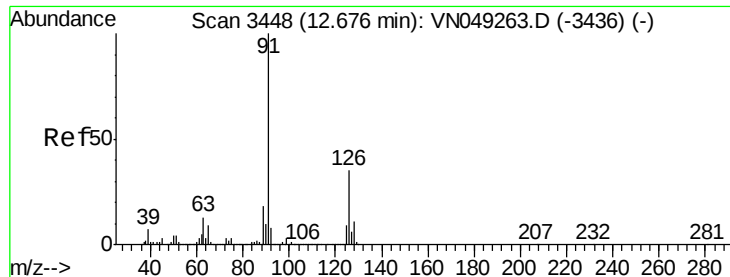
4000

2000

0

Time--> 12.55 12.60 12.65





#79

2-Chlorotoluene

Concen: 0.23 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049599.D

Acq: 28 Jun 2018 19:17

Instrument :

MSVOA_N

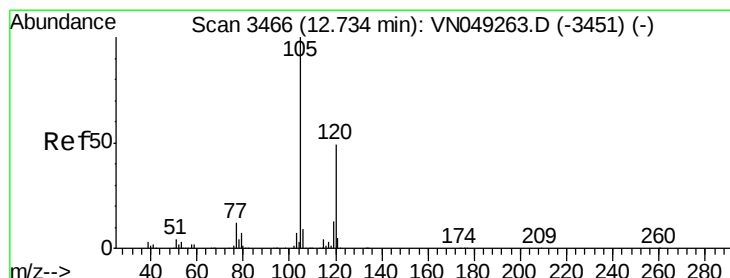
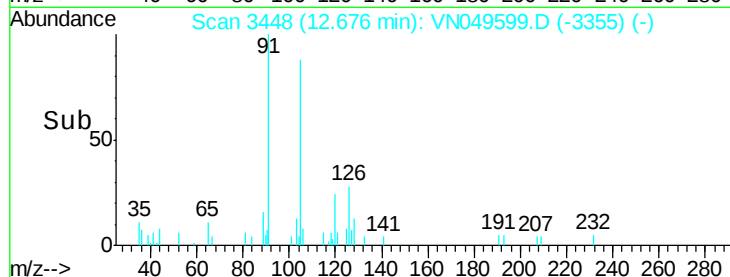
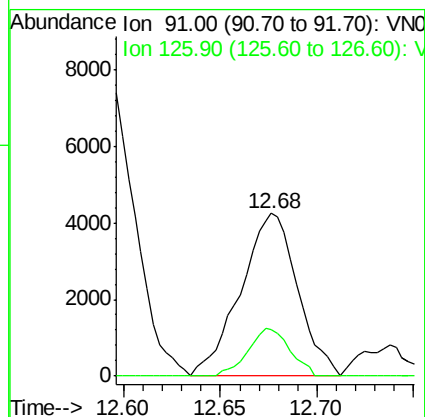
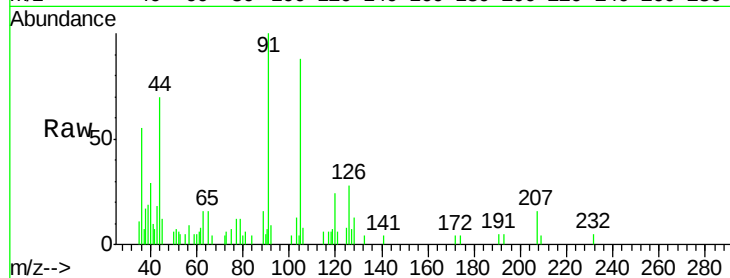
ClientSampleId :

Tot Ion: 91 Resp: 8703

Ion Ratio Lower Upper

91 100

126 21.7 16.6 49.8



#80

1,3,5-Trimethylbenzene

Concen: 0.27 ug/l

RT: 12.74 min Scan# 3467

Delta R.T. 0.00 min

Lab File: VN049599.D

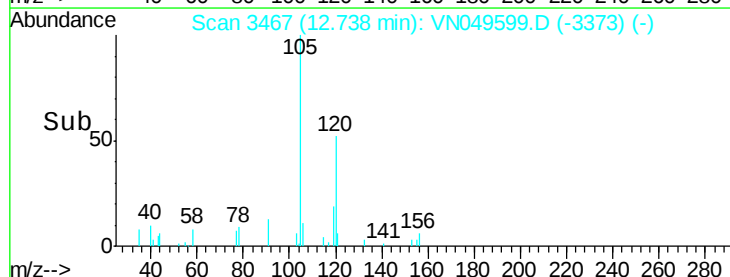
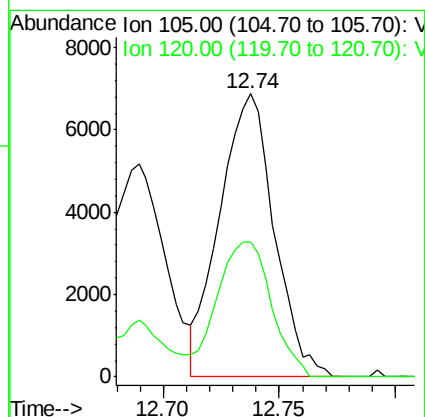
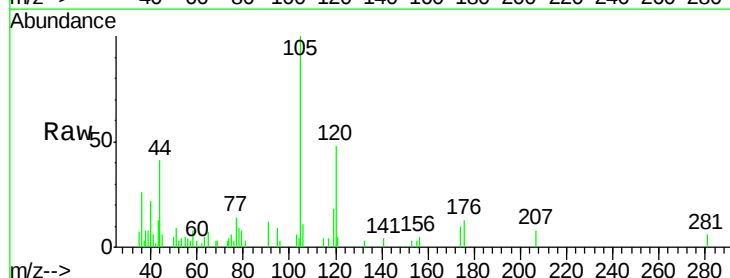
Acq: 28 Jun 2018 19:17

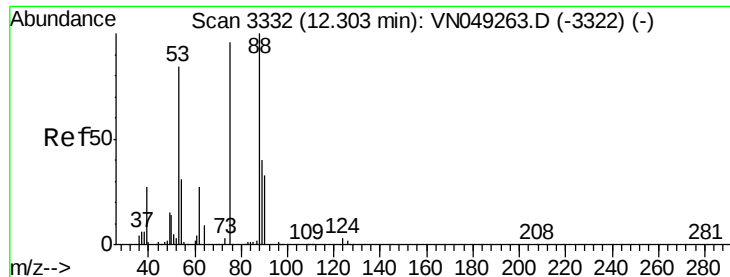
Tgt Ion: 105 Resp: 11238

Ion Ratio Lower Upper

105 100

120 47.4 23.5 70.5

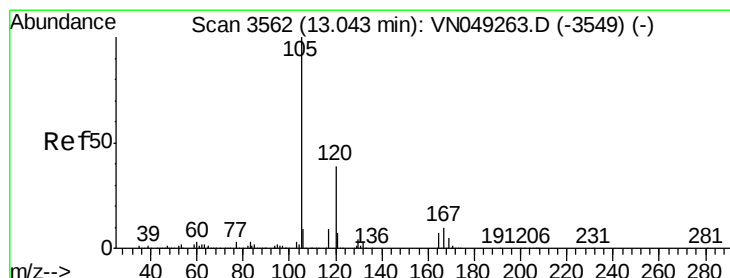
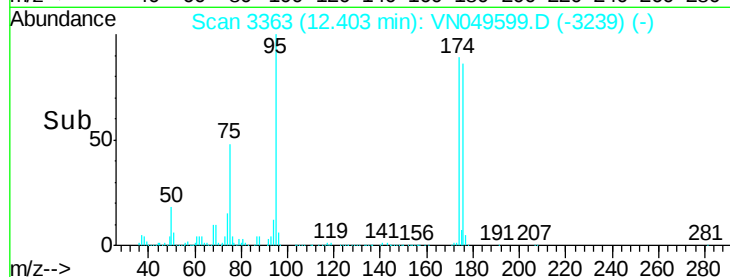
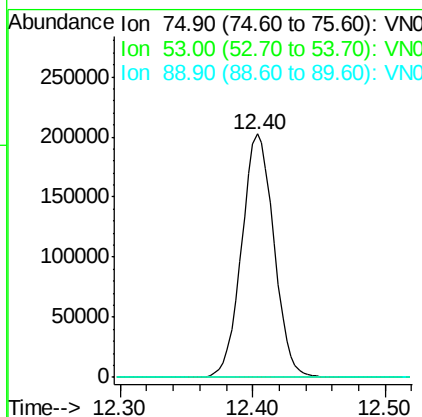
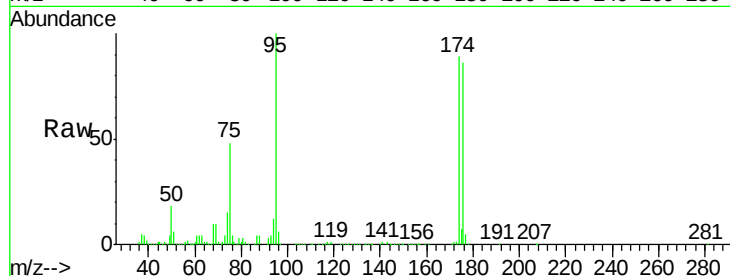




#81
trans-1,4-Dichloro-2-butene
Concen: 103.81 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.10 min
Lab File: VN049599.D
Acq: 28 Jun 2018 19:17

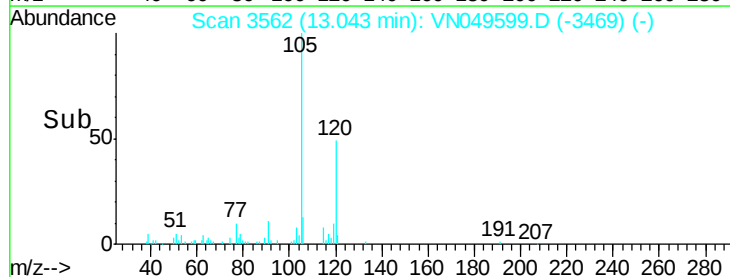
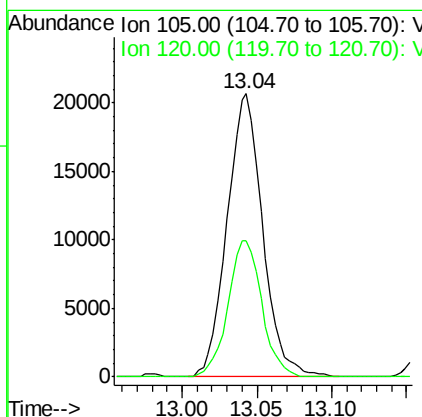
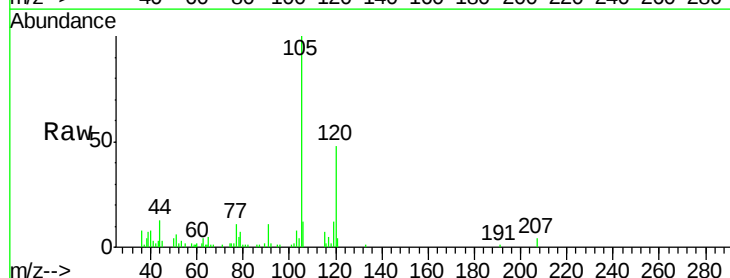
Instrument :
MSVOA_N
ClientSampled :

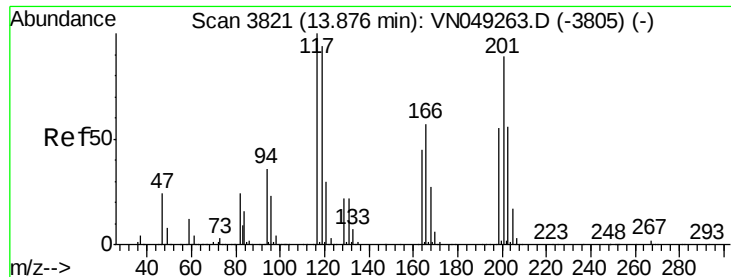
Tot Ion: 75 Resp: 342171
Ion Ratio Lower Upper
75 100
53 0.2 82.7 124.1#
89 0.0 36.5 54.7#



#84
1,2,4-Trimethylbenzene
Concen: 0.82 ug/l
RT: 13.04 min Scan# 3562
Delta R.T. 0.00 min
Lab File: VN049599.D
Acq: 28 Jun 2018 19:17

Tgt Ion: 105 Resp: 34248
Ion Ratio Lower Upper
105 100
120 45.6 22.2 66.6





#90

Hexachloroethane

Concen: Below Cal

RT: 13.89 min Scan# 3826

Delta R.T. 0.02 min

Lab File: VN049599.D

Acq: 28 Jun 2018 19:17

Instrument :

MSVOA_N

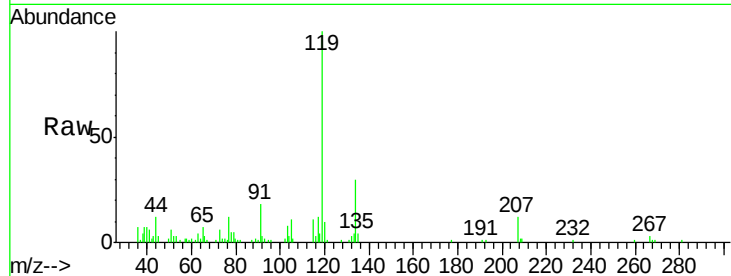
ClientSampled :

Tot Ion:117 Resp: 4450

Ion Ratio Lower Upper

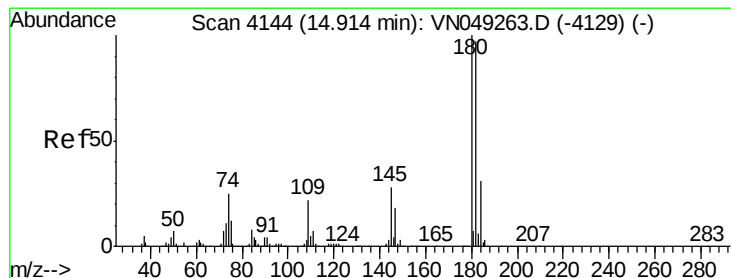
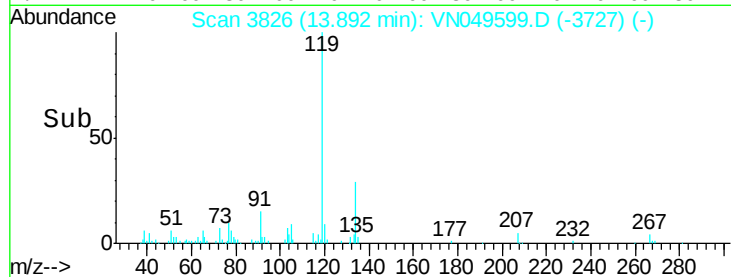
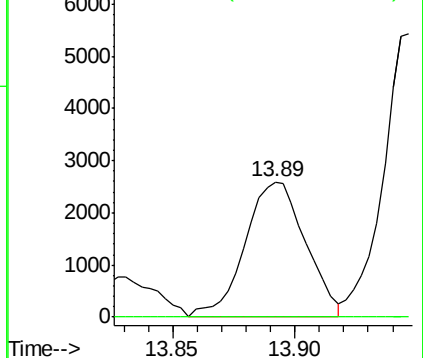
117 100

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: 4.82 ug/l

RT: 14.91 min Scan# 4142

Delta R.T. -0.01 min

Lab File: VN049599.D

Acq: 28 Jun 2018 19:17

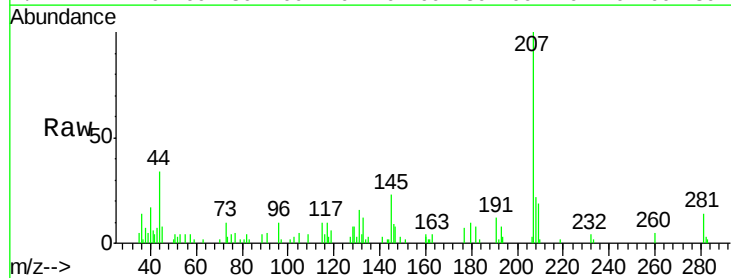
Tgt Ion:180 Resp: 947

Ion Ratio Lower Upper

180 100

182 92.7 46.9 140.8

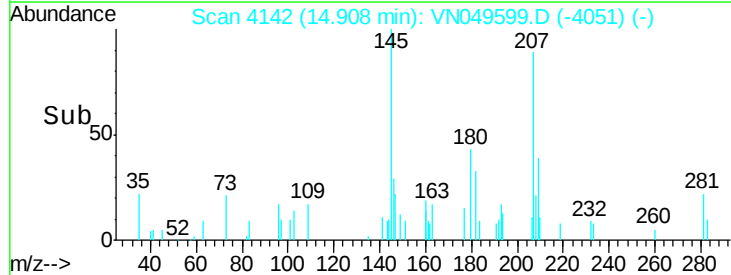
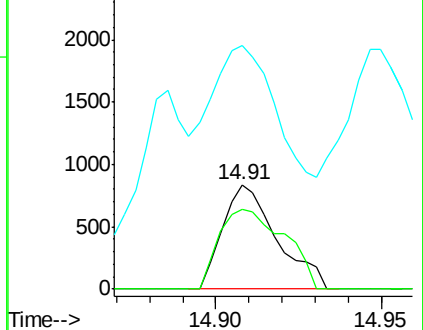
145 332.2 14.7 44.1#

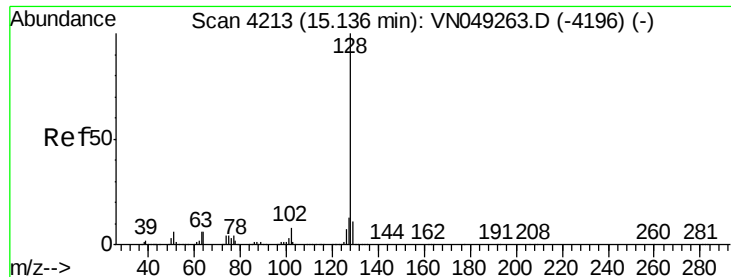


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 17.80 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049599.D

Acq: 28 Jun 2018 19:17

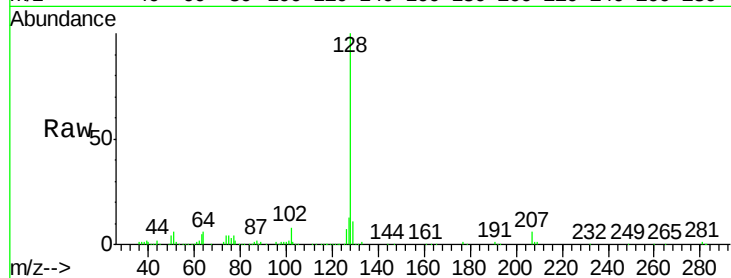
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:128 Resp: 278457

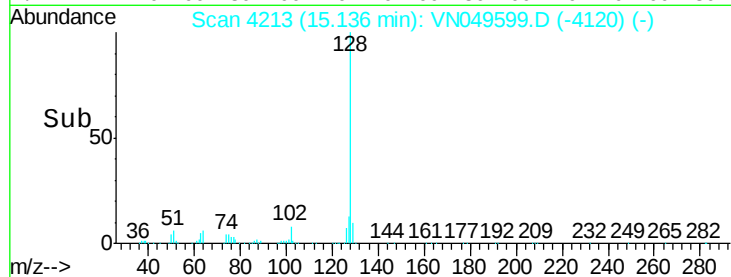
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.6	16.0
129	10.5	8.5	12.7



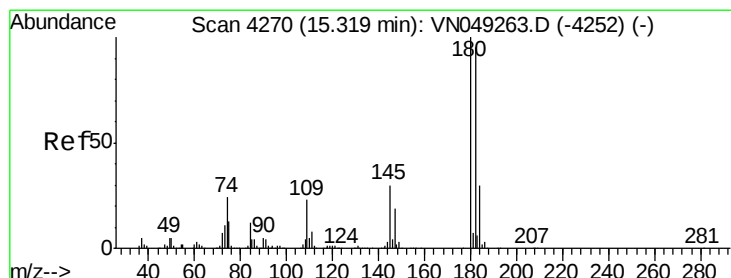
Abundance Ion 128.00 (127.70 to 128.70): V

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: 3.49 ug/l

RT: 15.32 min Scan# 4270

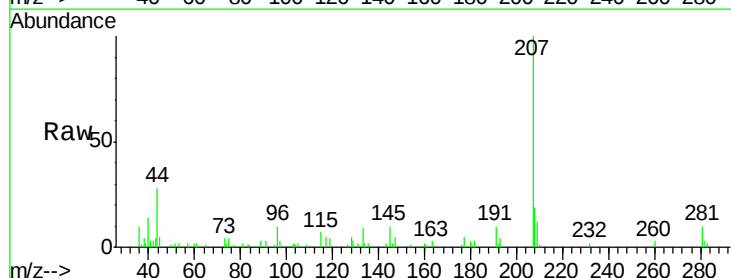
Delta R.T. 0.00 min

Lab File: VN049599.D

Acq: 28 Jun 2018 19:17

Tgt Ion:180 Resp: 359

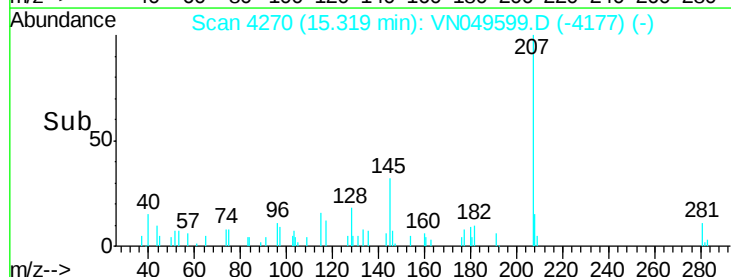
Ion	Ratio	Lower	Upper
180	100		
182	146.5	47.3	141.8#
145	0.0	15.6	46.7#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V



Time-->