

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062118\
 Data File : VN049482.D
 Acq On : 21 Jun 2018 21:19
 Operator : MD\SY
 Sample : J3622-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 22 03:42:59 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	1210179	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1876193	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1589938	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	493293	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	813080	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
35) Dibromofluoromethane	7.59	113	702679	46.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.58%	
50) Toluene-d8	10.09	98	2617700	45.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.58%	
62) 4-Bromofluorobenzene	12.40	95	700846	36.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.34%	

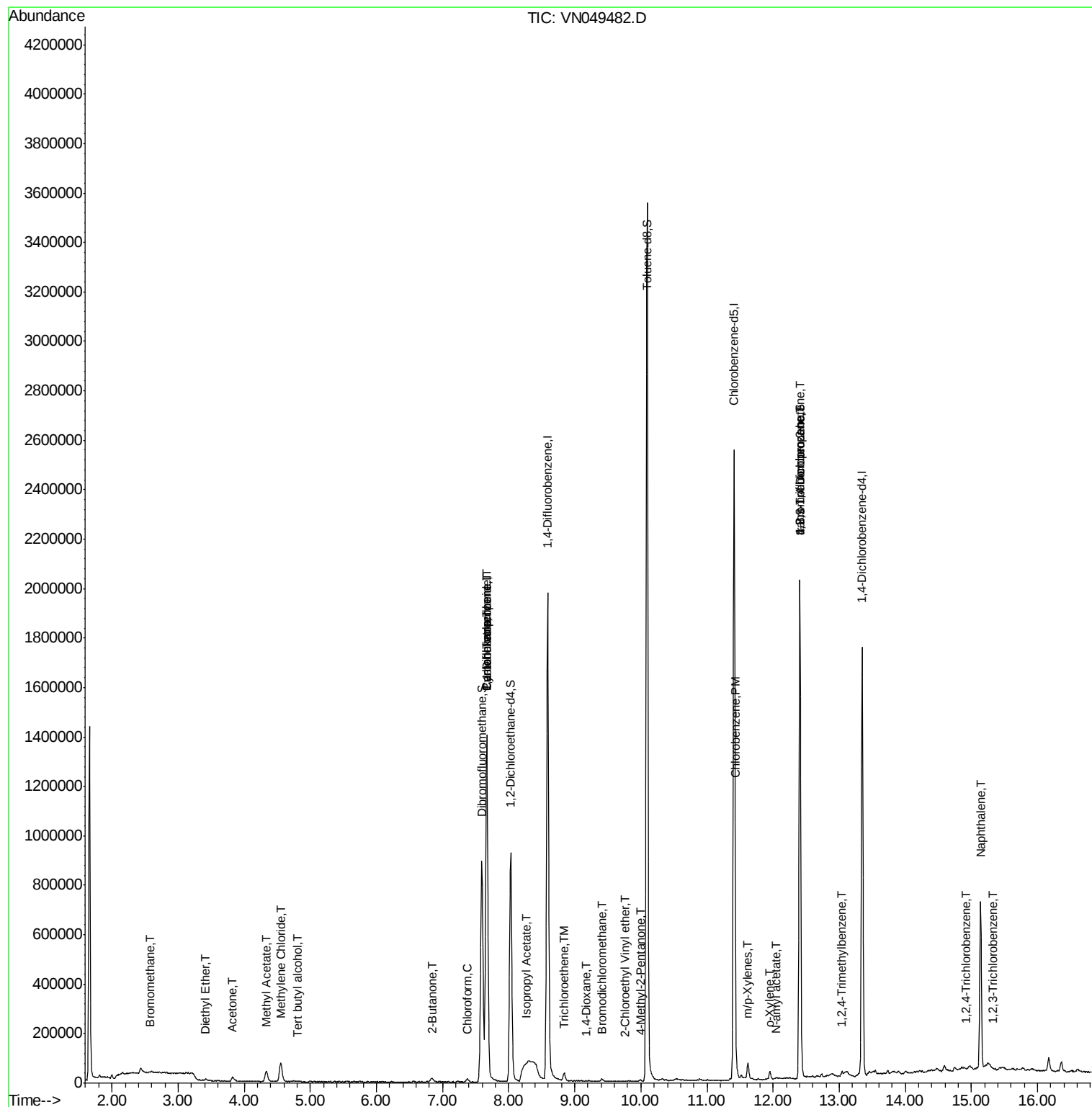
Target Compounds						Qvalue
5) Bromomethane	2.57	94	3055	0.30	ug/l #	77
8) Diethyl Ether	3.41	74	1948	0.23	ug/l	85
11) Tert butyl alcohol	4.81	59	211	0.22	ug/l #	70
16) Acetone	3.82	43	25637	6.58	ug/l	93
18) Methyl Acetate	4.33	43	83297	7.01	ug/l	96
20) Methylene Chloride	4.55	84	56980	3.50	ug/l	96
25) 2-Butanone	6.85	43	3175	0.61	ug/l	93
30) Chloroform	7.37	83	10978	0.39	ug/l #	80
31) Cyclohexane	7.66	56	22844	0.79	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	85980	4.00	ug/l #	50
38) Carbon Tetrachloride	7.67	117	107529	4.83	ug/l #	17
43) Isopropyl Acetate	8.26	43	92099	4.12	ug/l #	64
44) Trichloroethene	8.83	130	12104	0.70	ug/l	76
47) Bromodichloromethane	9.41	83	5131	0.23	ug/l #	87
49) 1,4-Dioxane	9.18	88	62	0.43	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	3629	0.31	ug/l	91
58) 2-Chloroethyl Vinyl ether	9.75	63	32	14.33	ug/l #	51
65) Chlorobenzene	11.44	112	10796	0.26	ug/l	95
68) m/p-Xylenes	11.62	106	18939	0.74	ug/l	90
69) o-Xylene	11.95	106	7907	0.32	ug/l	94
74) N-amyl acetate	12.05	43	2338	0.22	ug/l #	57
75) 1,1,2,2-Tetrachloroethane	12.52	83	310	Below Cal	#	74
76) 1,2,3-Trichloropropane	12.40	75	339658	40.35	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	339658	127.54	ug/l #	9
84) 1,2,4-Trimethylbenzene	13.05	105	9125	0.27	ug/l	83
90) Hexachloroethane	13.75	117	217	Below Cal		70
93) 1,2,4-Trichlorobenzene	14.92	180	839	4.83	ug/l	95
94) Hexachlorobutadiene	15.01	225	76	Below Cal	#	1
95) Naphthalene	15.14	128	597648	41.17	ug/l	99
96) 1,2,3-Trichlorobenzene	15.33	180	1172	3.59	ug/l #	50

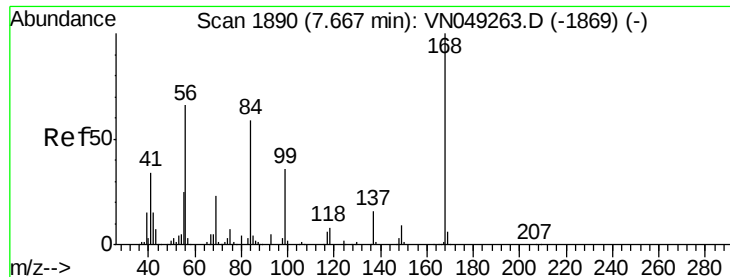
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049482.D

Acq: 21 Jun 2018 21:19

Instrument :

MSVOA_N

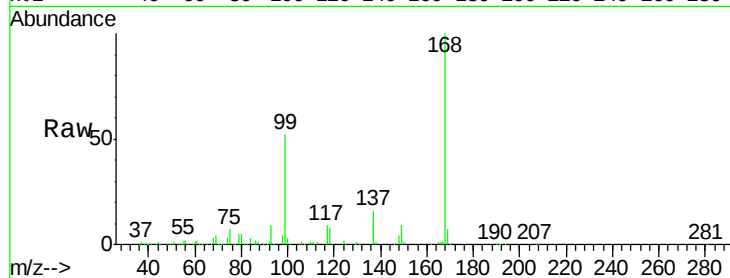
ClientSampleId :

Tot Ion:168 Resp: 1210179

Ion Ratio Lower Upper

168 100

99 52.4 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

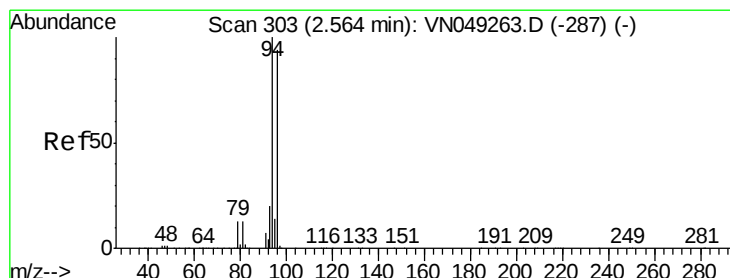
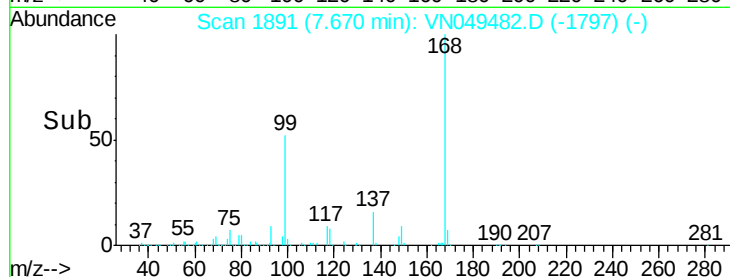
300000

200000

100000

0

Time-->



#5

Bromomethane

Concen: 0.30 ug/l

RT: 2.57 min Scan# 306

Delta R.T. 0.01 min

Lab File: VN049482.D

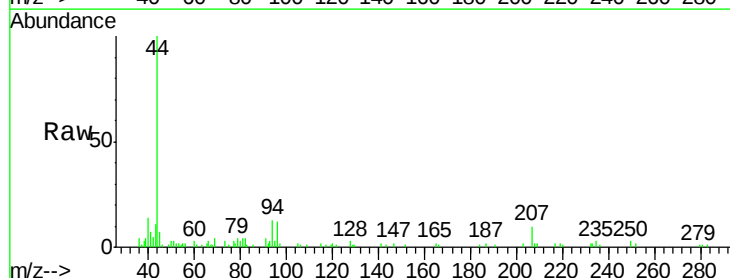
Acq: 21 Jun 2018 21:19

Tgt Ion: 94 Resp: 3055

Ion Ratio Lower Upper

94 100

96 69.7 72.8 109.2#



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.57

2000

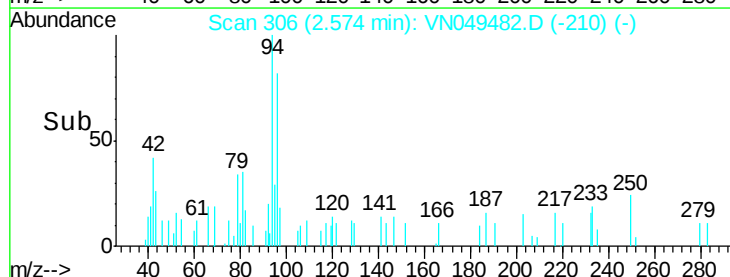
1500

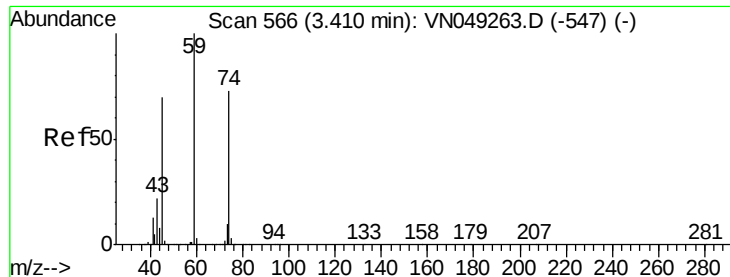
1000

500

0

Time-->





#8

Diethyl Ether

Concen: 0.23 ug/l

RT: 3.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VN049482.D

Acq: 21 Jun 2018 21:19

Instrument :

MSVOA_N

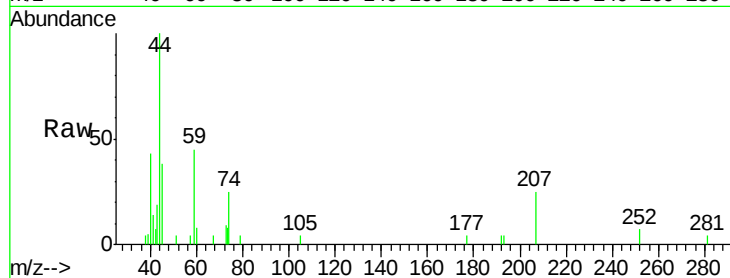
ClientSampled :

Tot Ion: 74 Resp: 1948

Ion Ratio Lower Upper

74 100

45 88.2 51.9 155.8



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0

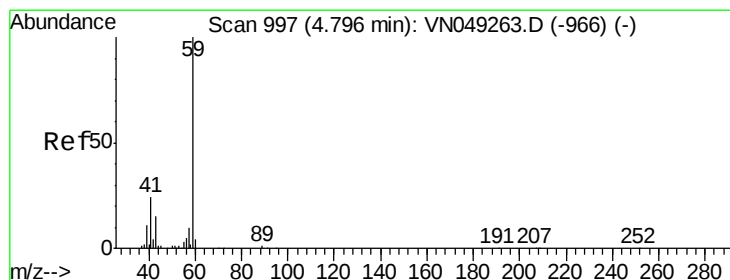
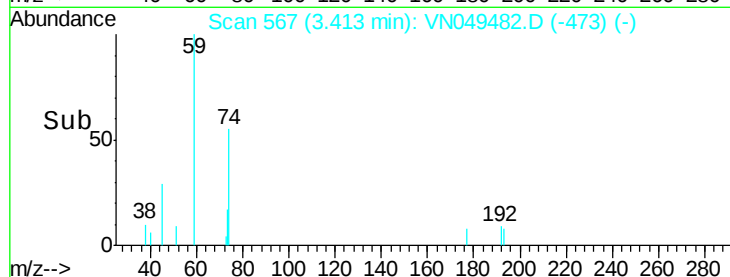
1500

1000

500

0

Time-->



#11

Tert butyl alcohol

Concen: 0.22 ug/l

RT: 4.81 min Scan# 1000

Delta R.T. 0.01 min

Lab File: VN049482.D

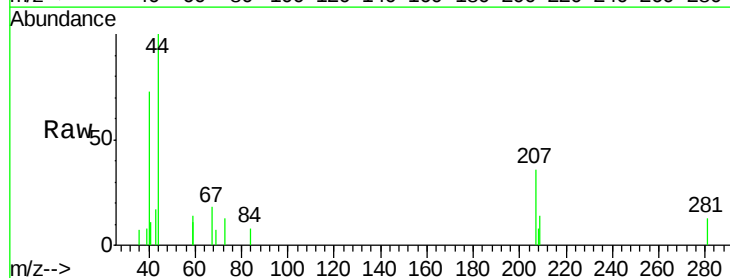
Acq: 21 Jun 2018 21:19

Tgt Ion: 59 Resp: 211

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

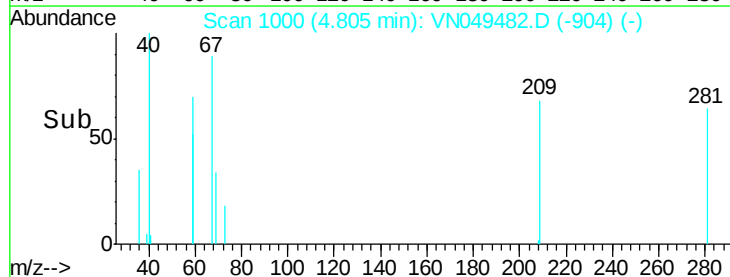
600

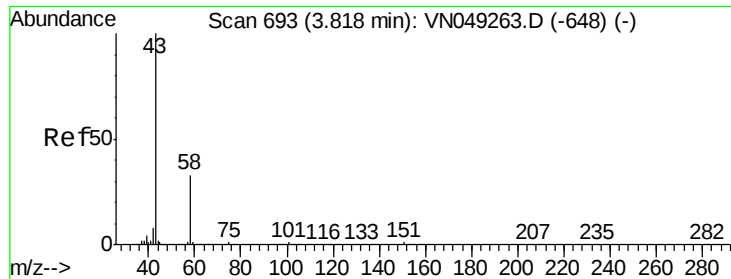
400

200

0

Time-->





#16

Acetone

Concen: 6.58 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049482.D

Acq: 21 Jun 2018 21:19

Instrument :

MSVOA_N

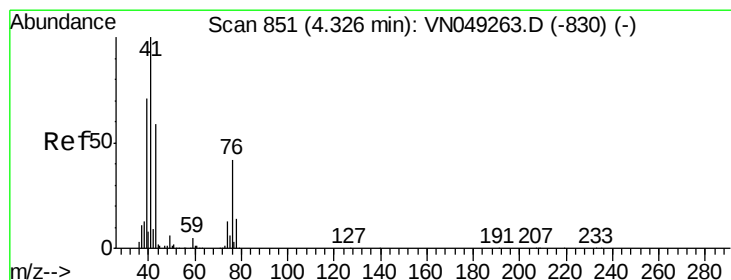
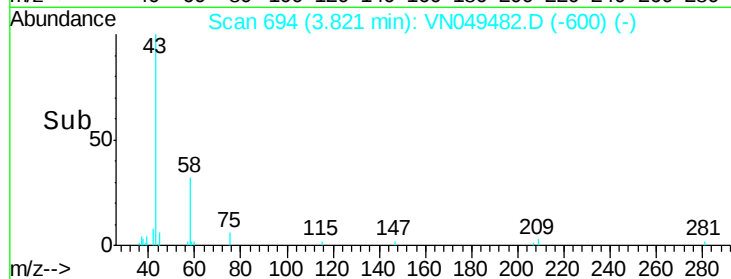
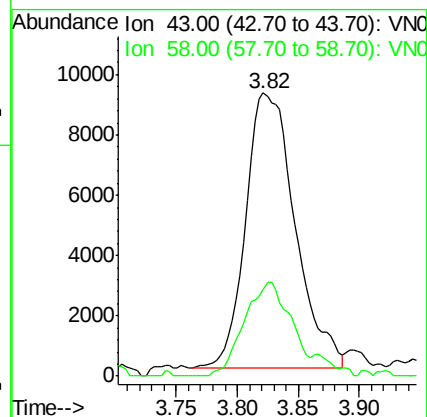
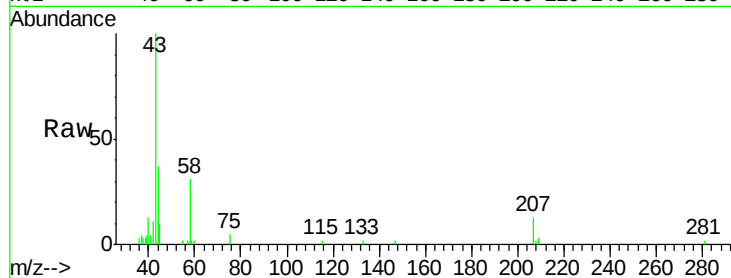
ClientSampleId :

Tot Ion: 43 Resp: 25637

Ion Ratio Lower Upper

43 100

58 31.5 22.4 33.6



#18

Methyl Acetate

Concen: 7.01 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.01 min

Lab File: VN049482.D

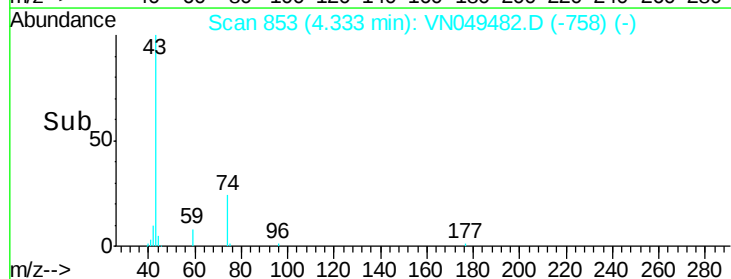
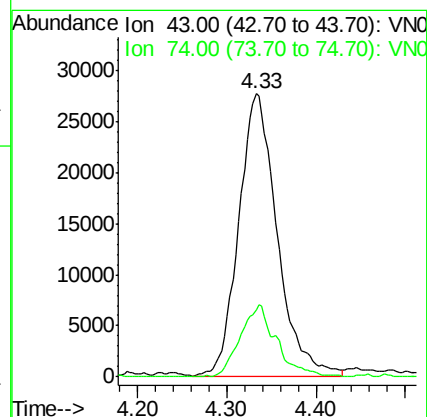
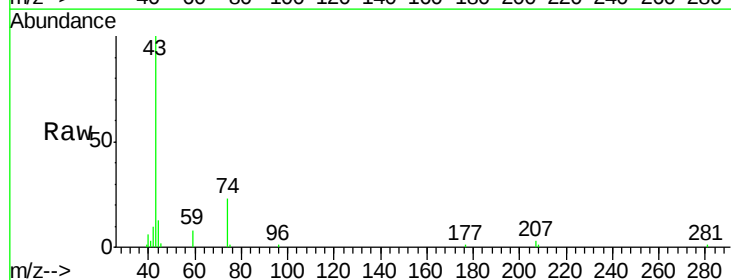
Acq: 21 Jun 2018 21:19

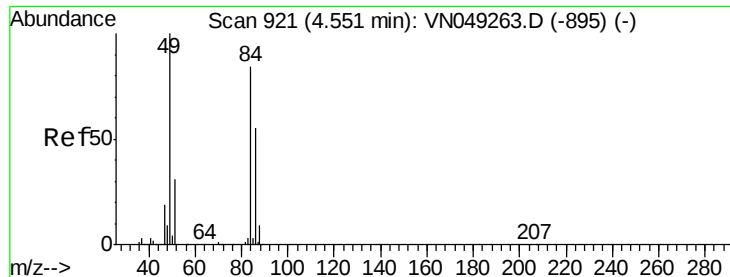
Tgt Ion: 43 Resp: 83297

Ion Ratio Lower Upper

43 100

74 23.6 17.4 26.0

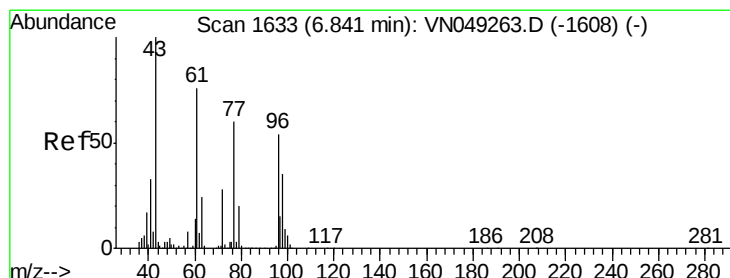
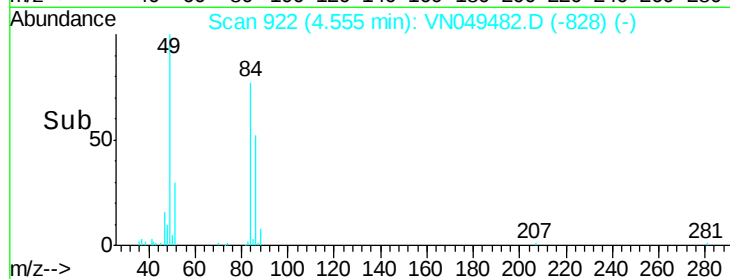
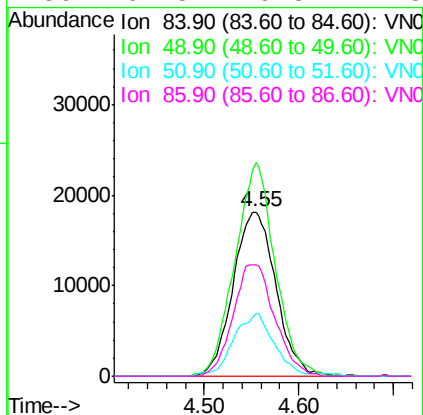
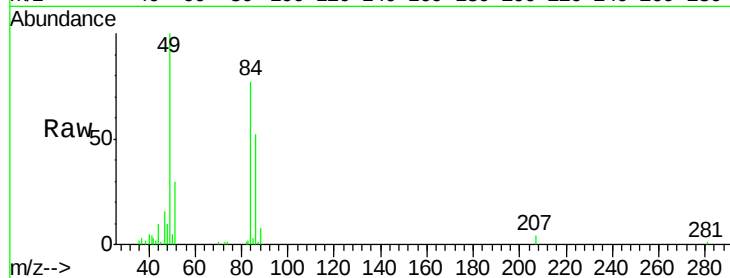




#20
Methvlene Chloride
Concen: 3.50 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN049482.D
Acq: 21 Jun 2018 21:19

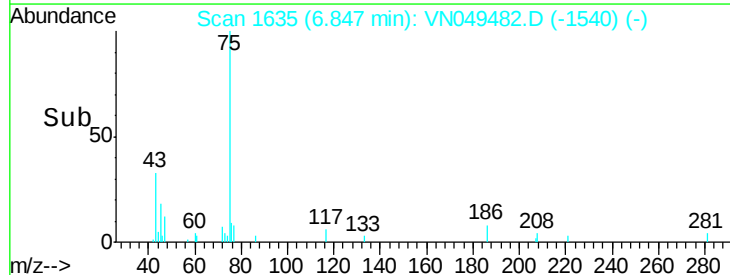
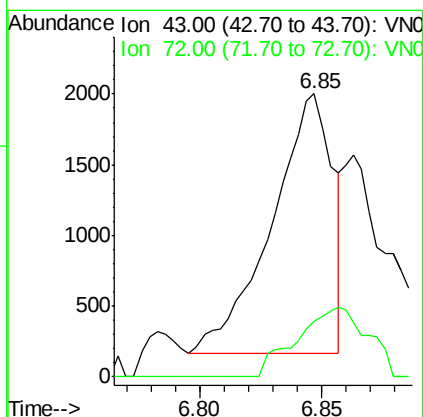
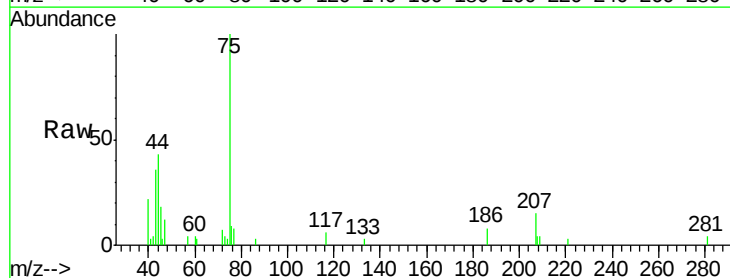
Instrument :
MSVOA_N
ClientSampleId :

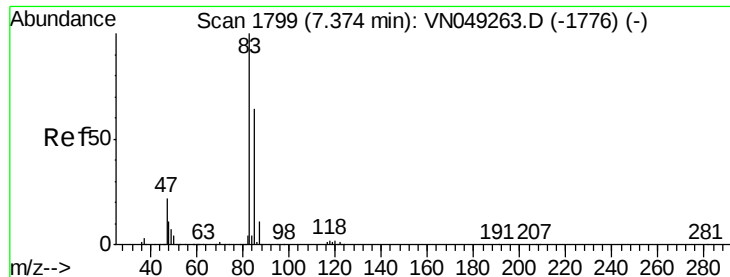
Tot Ion:	84	Resp:	56980
Ion	Ratio	Lower	Upper
84	100		
49	129.9	106.9	160.3
51	38.4	32.7	49.1
86	67.8	49.8	74.8



#25
2-Butanone
Concen: 0.61 ug/l
RT: 6.85 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VN049482.D
Acq: 21 Jun 2018 21:19

Tgt Ion:	43	Resp:	3175
Ion	Ratio	Lower	Upper
43	100		
72	21.6	20.2	30.2

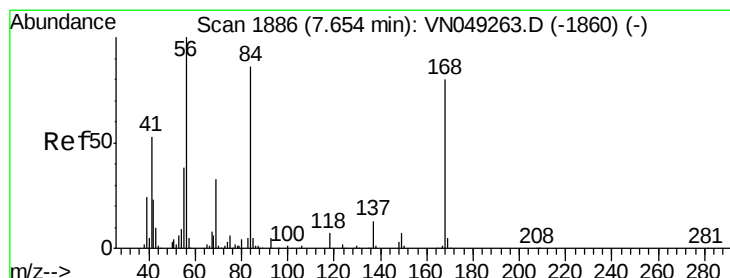
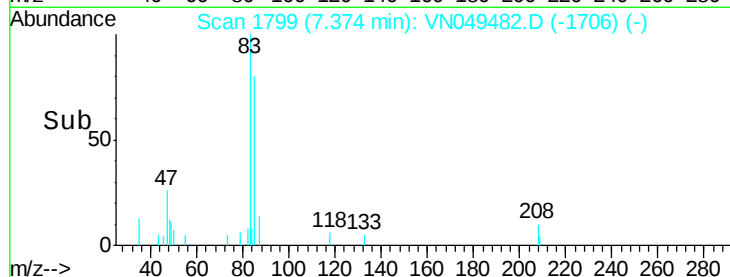
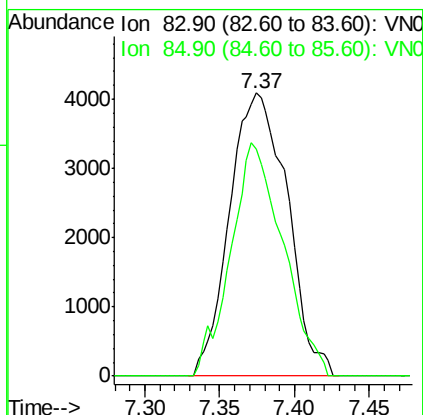
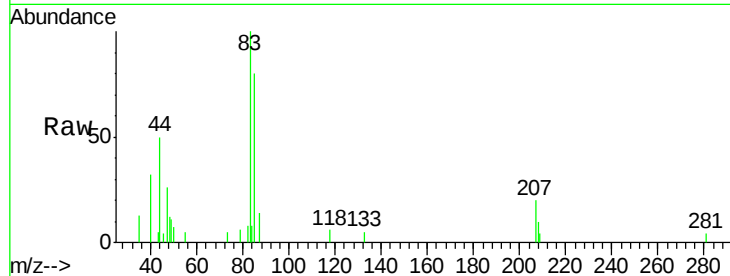




#30
Chloroform
Concen: 0.39 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN049482.D
Acq: 21 Jun 2018 21:19

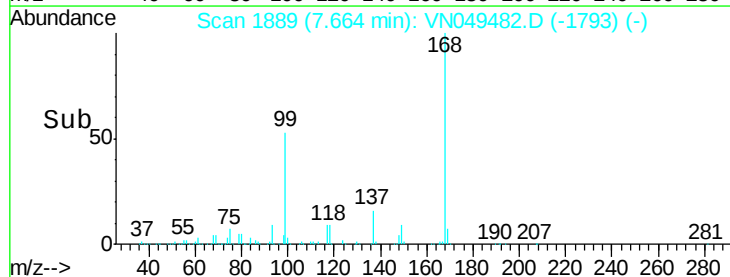
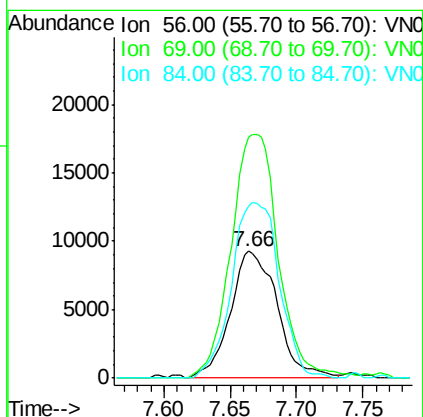
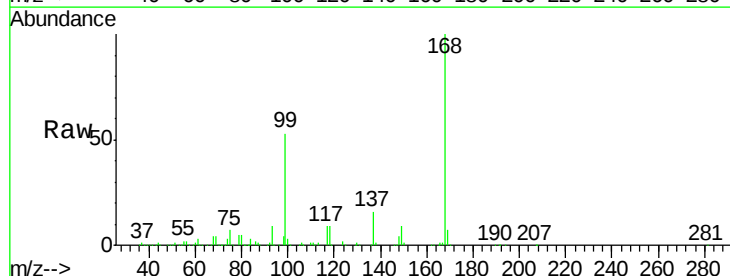
Instrument :
MSVOA_N
ClientSampled :

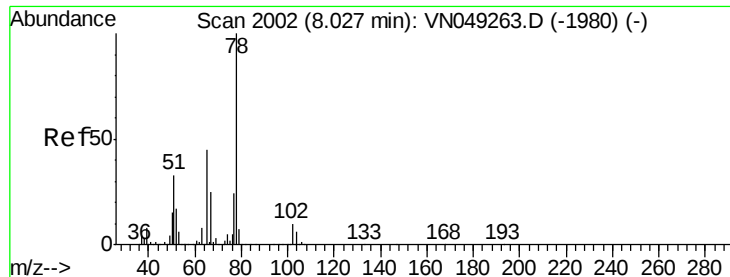
Tot Ion: 83 Resp: 10978
Ion Ratio Lower Upper
83 100
85 80.2 51.7 77.5#



#31
Cyclohexane
Concen: 0.79 ug/l
RT: 7.66 min Scan# 1889
Delta R.T. 0.01 min
Lab File: VN049482.D
Acq: 21 Jun 2018 21:19

Tgt Ion: 56 Resp: 22844
Ion Ratio Lower Upper
56 100
69 189.8 25.0 37.4#
84 135.5 64.6 96.8#





#33

1,2-Dichloroethane-d4

Concen: 50.66 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049482.D

Acq: 21 Jun 2018 21:19

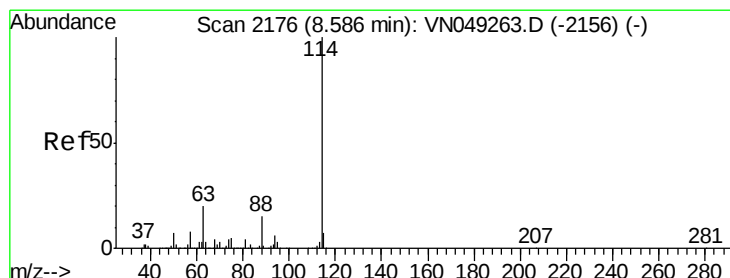
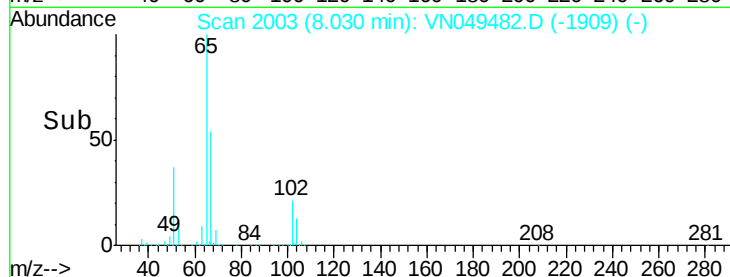
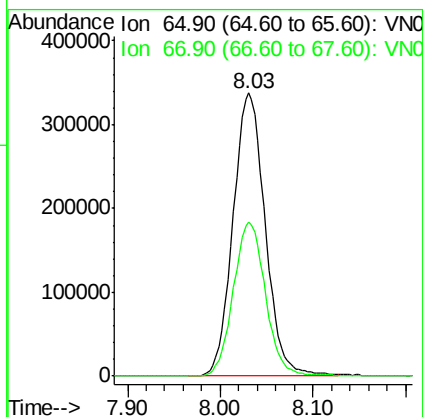
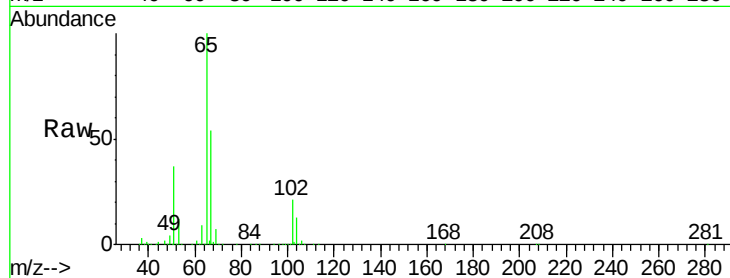
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 65 Resp: 813080

Ion Ratio Lower Upper

65 100

67 54.6 0.0 103.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN049482.D

Acq: 21 Jun 2018 21:19

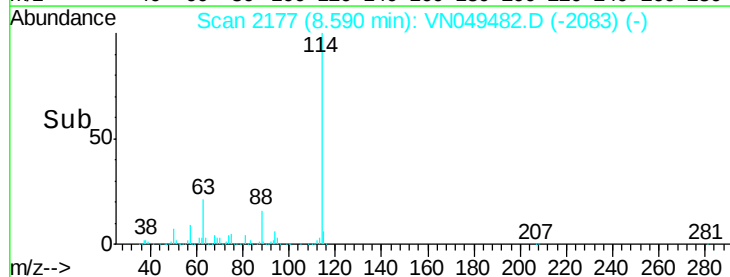
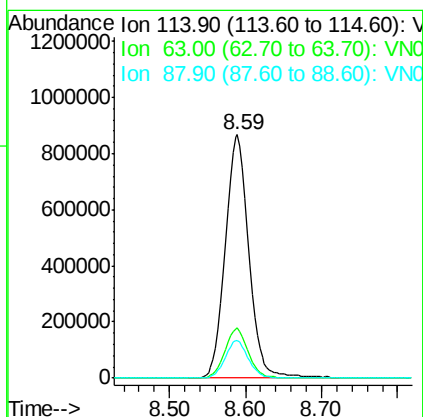
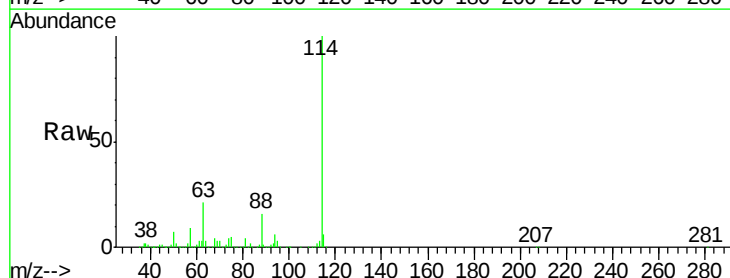
Tgt Ion: 114 Resp: 1876193

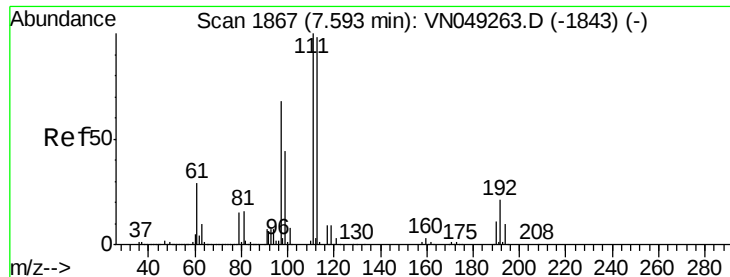
Ion Ratio Lower Upper

114 100

63 20.5 0.0 44.4

88 15.6 0.0 31.4

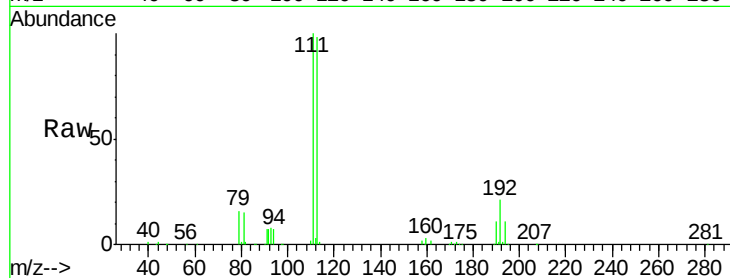




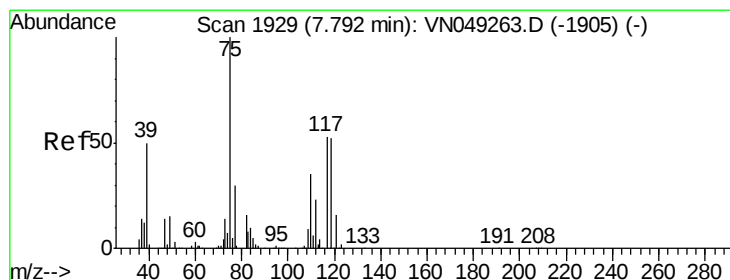
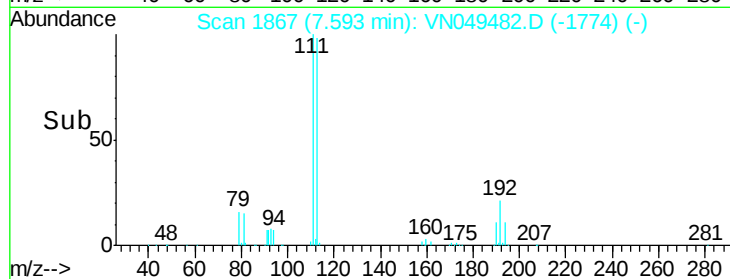
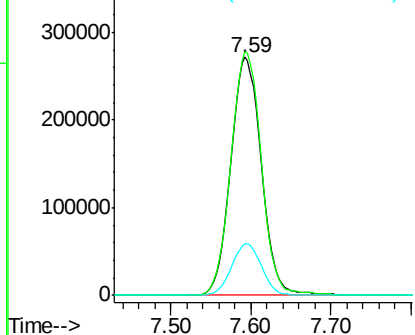
#35
Dibromofluoromethane
Concen: 46.29 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN049482.D
Acq: 21 Jun 2018 21:19

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.4	123.6
192	21.5	15.0	22.6

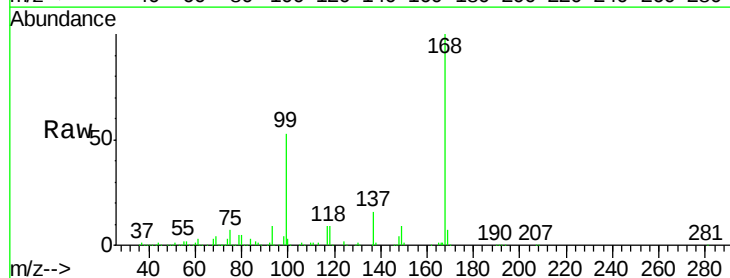


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

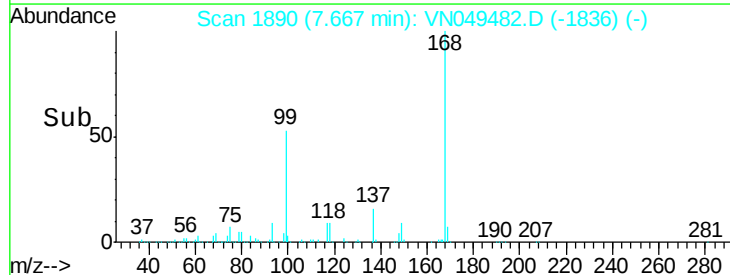
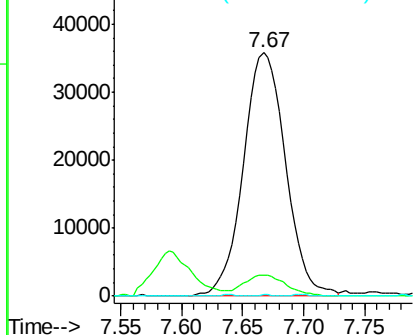


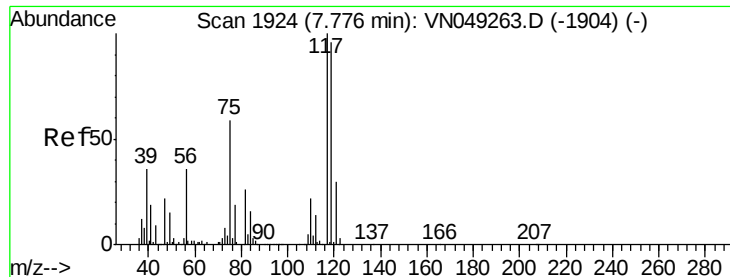
#36
1,1-Dichloropropene
Concen: 4.00 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.13 min
Lab File: VN049482.D
Acq: 21 Jun 2018 21:19

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.6	17.0	50.9#
77	0.1	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





#38

Carbon Tetrachloride

Concen: 4.83 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. -0.11 min

Lab File: VN049482.D

Acq: 21 Jun 2018 21:19

Instrument :

MSVOA_N

ClientSampleId :

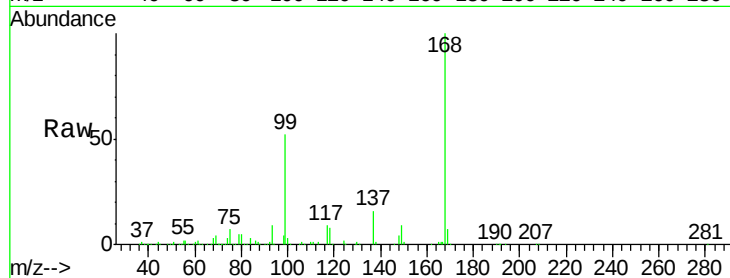
Tot Ion:117 Resp: 107529

Ion Ratio Lower Upper

117 100

119 5.5 75.6 113.4#

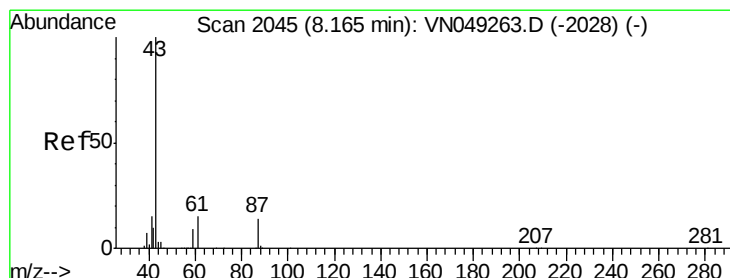
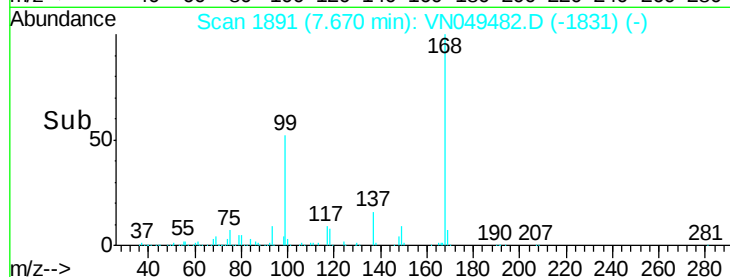
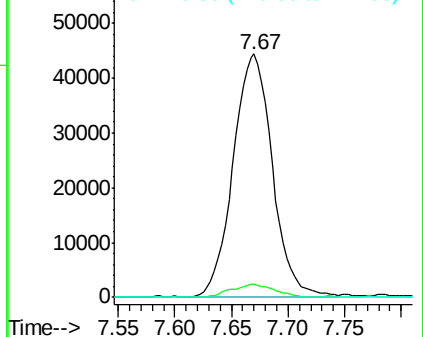
121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 4.12 ug/l

RT: 8.26 min Scan# 2073

Delta R.T. 0.09 min

Lab File: VN049482.D

Acq: 21 Jun 2018 21:19

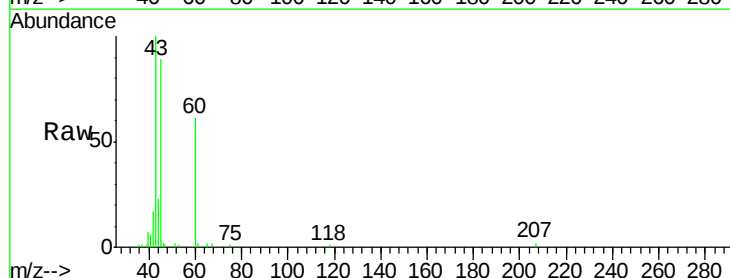
Tgt Ion: 43 Resp: 92099

Ion Ratio Lower Upper

43 100

61 0.0 14.2 21.4#

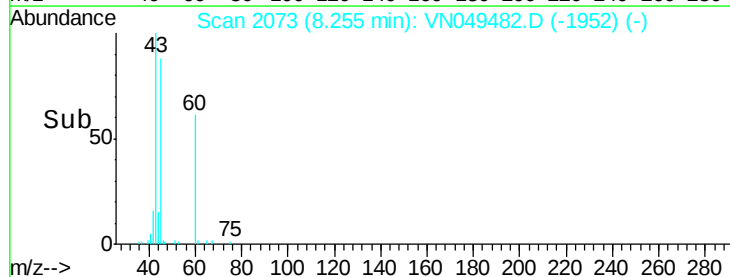
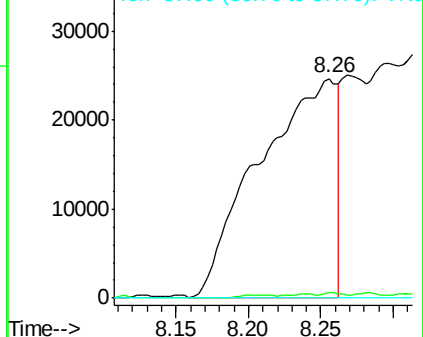
87 0.0 9.4 14.0#

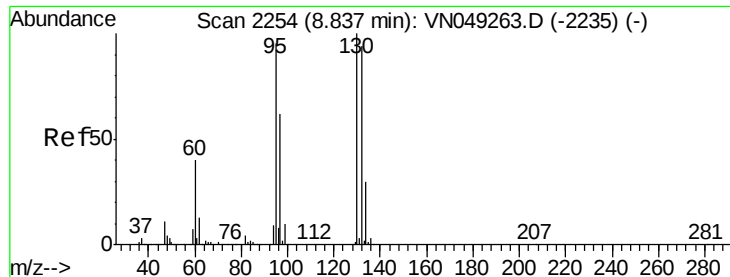


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#44

Trichloroethene

Concen: 0.70 ug/l

RT: 8.83 min Scan# 2253

Delta R.T. -0.00 min

Lab File: VN049482.D

Acq: 21 Jun 2018 21:19

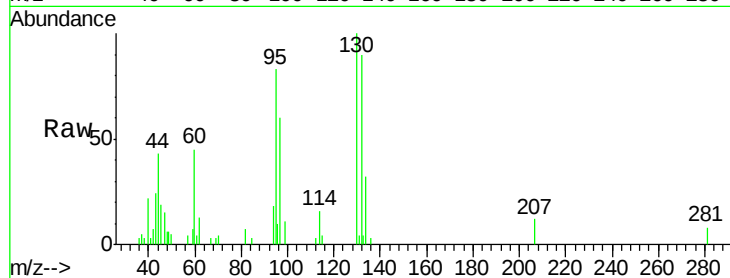
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:130 Resp: 12104

Ion Ratio Lower Upper

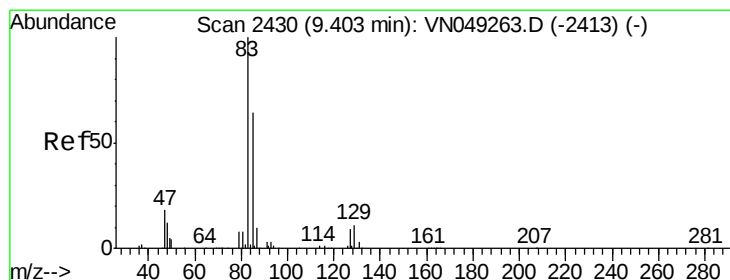
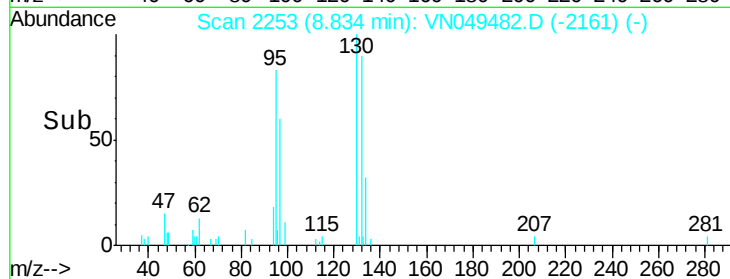
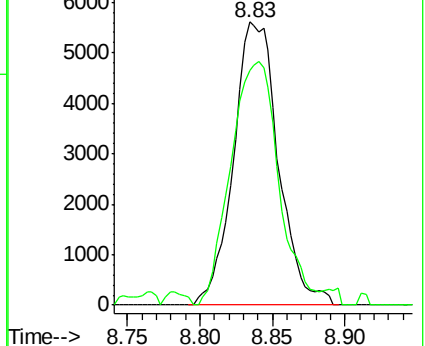
130 100

95 80.0 0.0 208.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0



#47

Bromodichloromethane

Concen: 0.23 ug/l

RT: 9.41 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VN049482.D

Acq: 21 Jun 2018 21:19

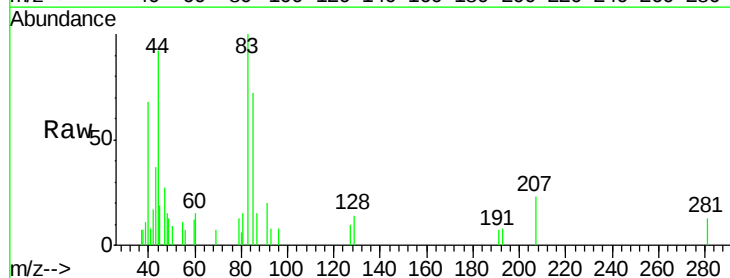
Tgt Ion: 83 Resp: 5131

Ion Ratio Lower Upper

83 100

85 72.1 49.4 74.0

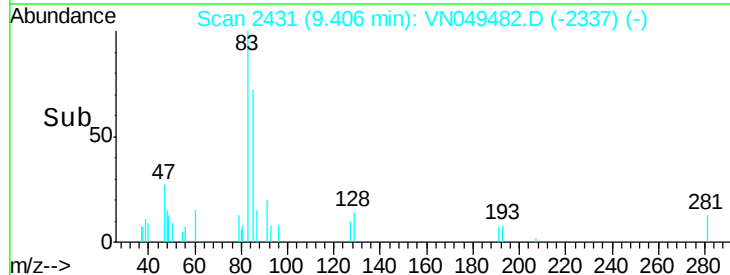
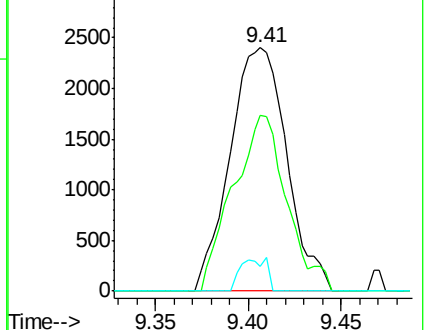
127 10.4 6.3 9.5#

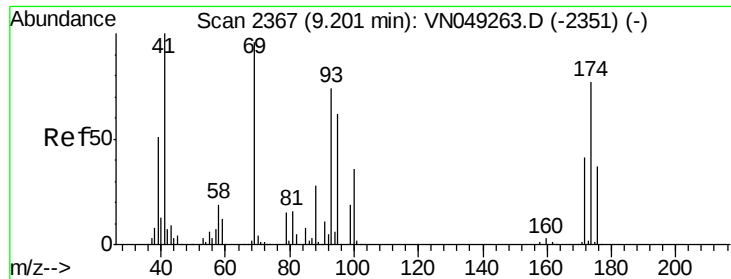


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V

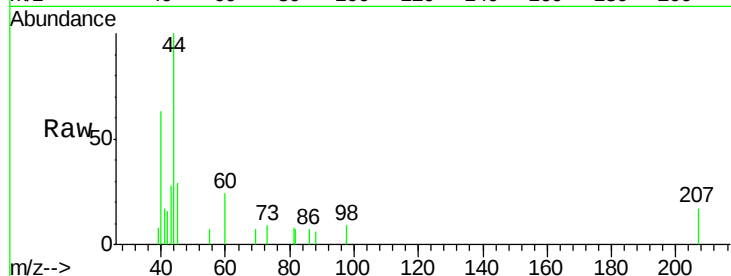




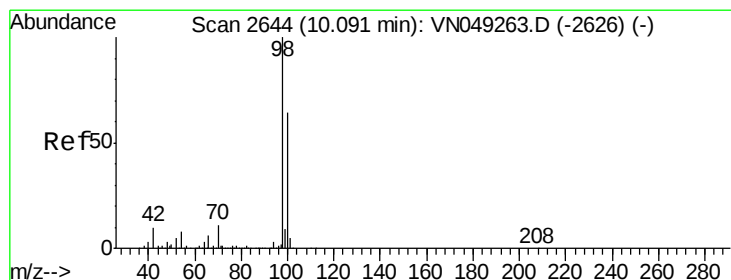
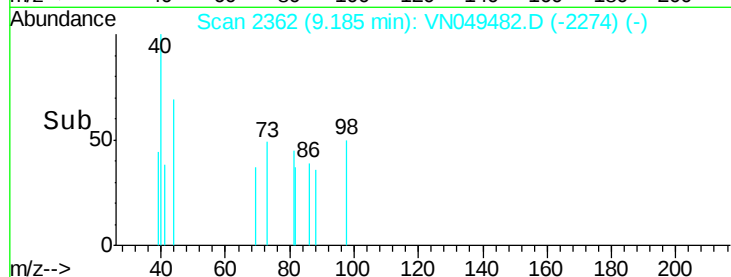
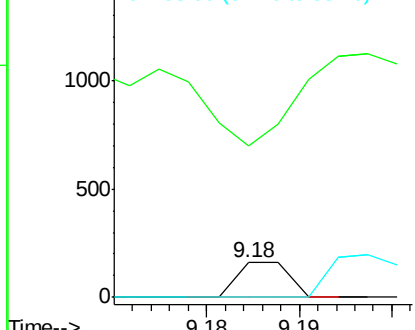
#49
1,4-Dioxane
Concen: 0.43 ug/l
RT: 9.18 min Scan# 2362
Delta R.T. -0.02 min
Lab File: VN049482.D
Acq: 21 Jun 2018 21:19

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 62
Ion Ratio Lower Upper
88 100
43 709.7 30.9 46.3#
58 166.1 58.9 88.3#

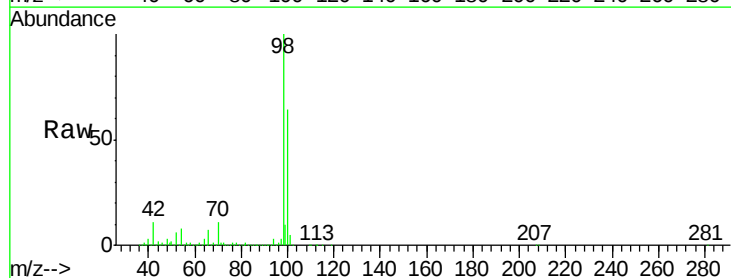


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

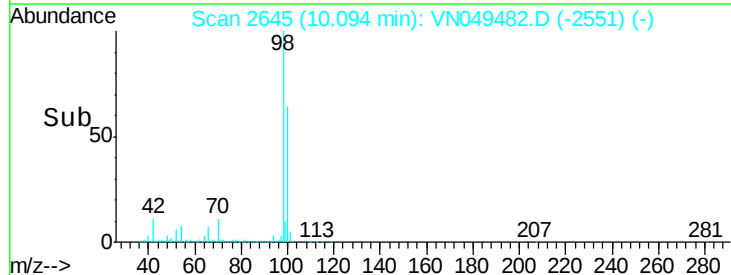
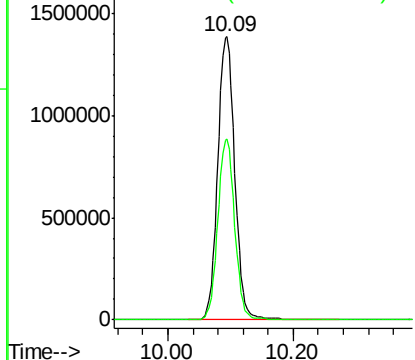


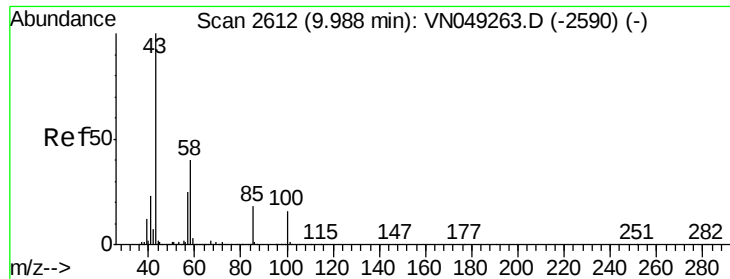
#50
Toluene-d8
Concen: 45.29 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049482.D
Acq: 21 Jun 2018 21:19

Tgt Ion: 98 Resp: 2617700
Ion Ratio Lower Upper
98 100
100 63.1 49.8 74.8



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

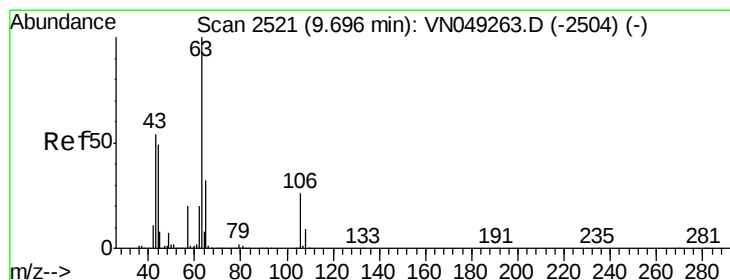
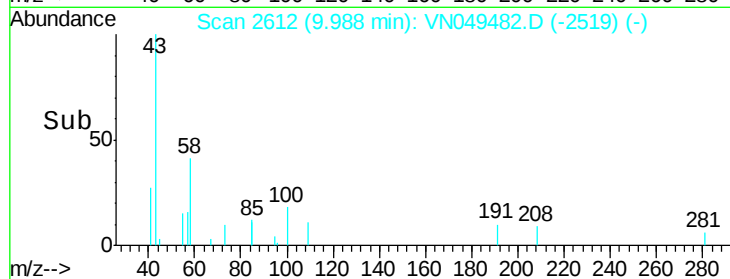
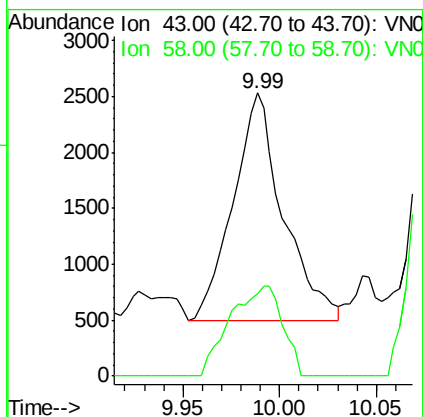
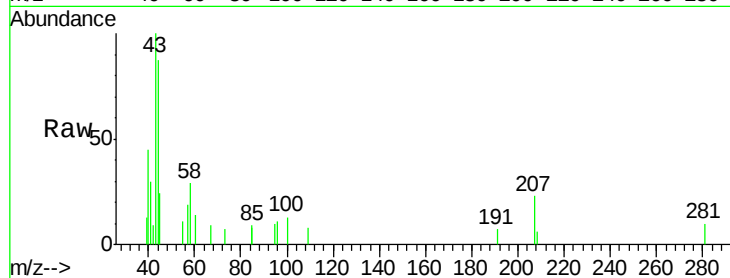




#51
 4-Methyl-2-Pentanone
 Concen: 0.31 ug/l
 RT: 9.99 min Scan# 2612
 Delta R.T. 0.00 min
 Lab File: VN049482.D
 Acq: 21 Jun 2018 21:19

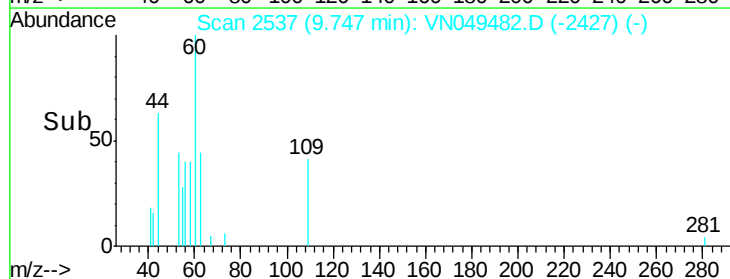
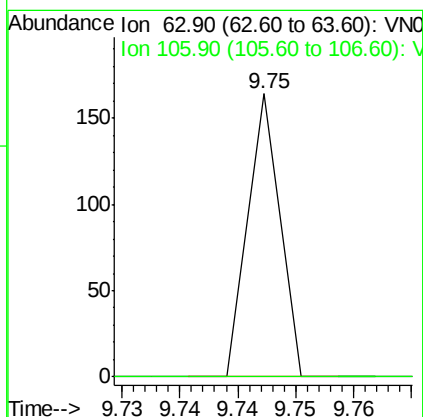
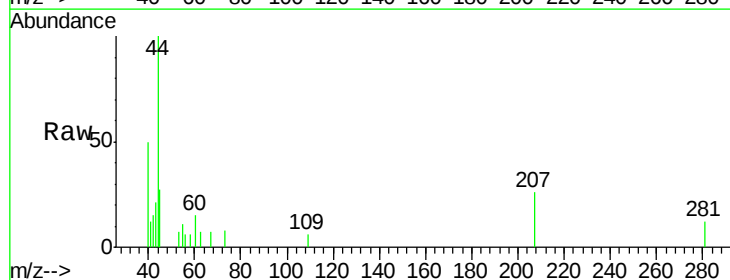
Instrument :
 MSVOA_N
 ClientSampled :

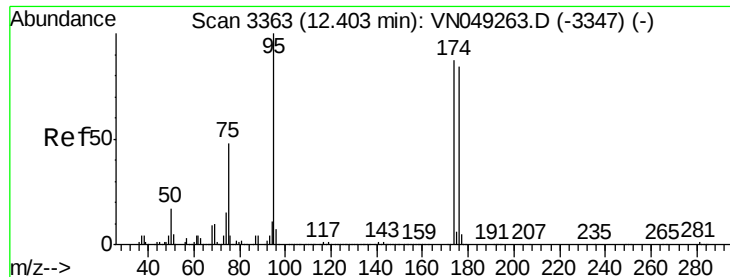
Tot Ion: 43 Resp: 3629
 Ion Ratio Lower Upper
 43 100
 58 41.9 29.0 43.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 14.33 ug/l
 RT: 9.75 min Scan# 2537
 Delta R.T. 0.05 min
 Lab File: VN049482.D
 Acq: 21 Jun 2018 21:19

Tgt Ion: 63 Resp: 32
 Ion Ratio Lower Upper
 63 100
 106 0.0 19.4 29.2#

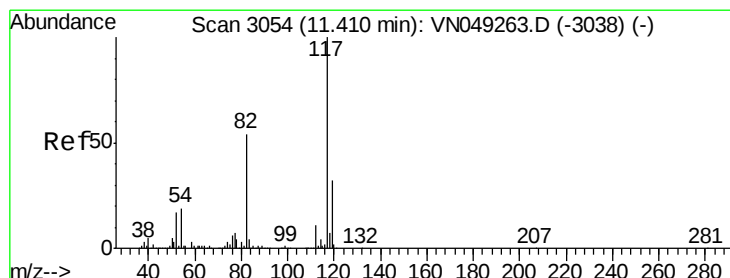
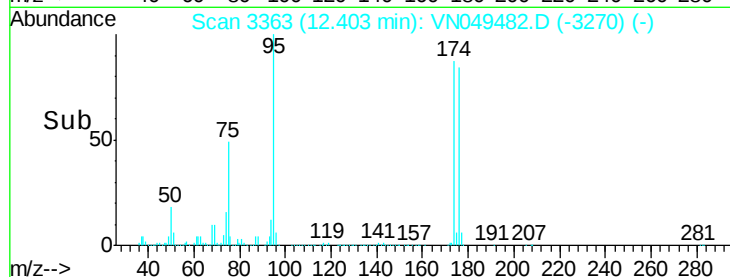
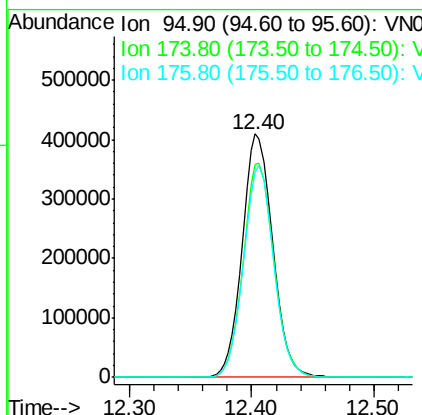
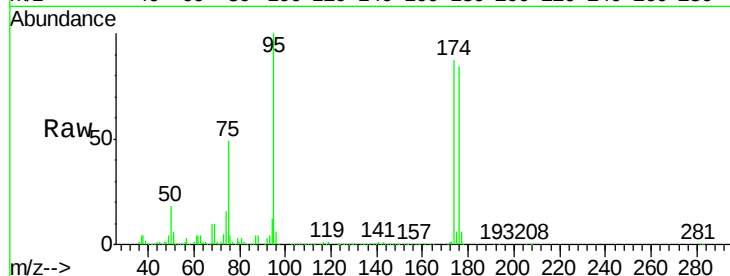




#62
4-Bromofluorobenzene
Concen: 36.67 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049482.D
Acq: 21 Jun 2018 21:19

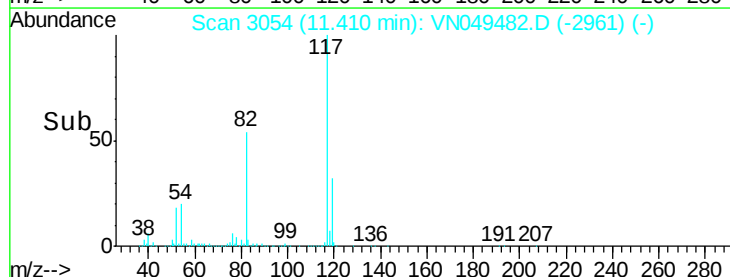
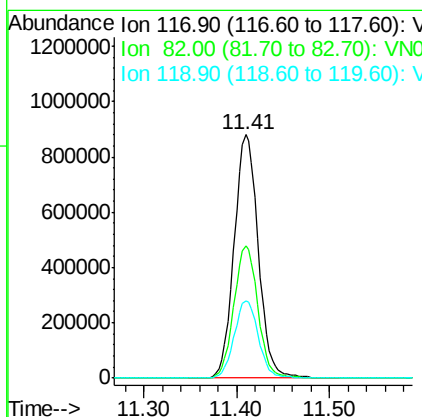
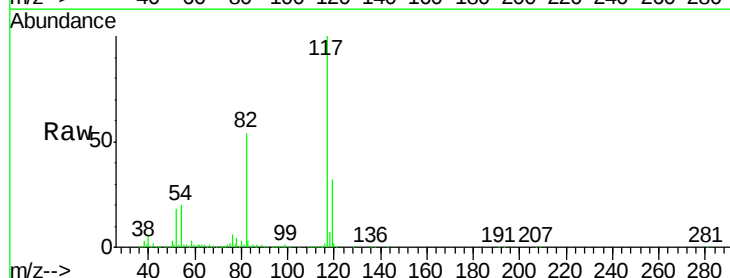
Instrument :
MSVOA_N
ClientSampled :

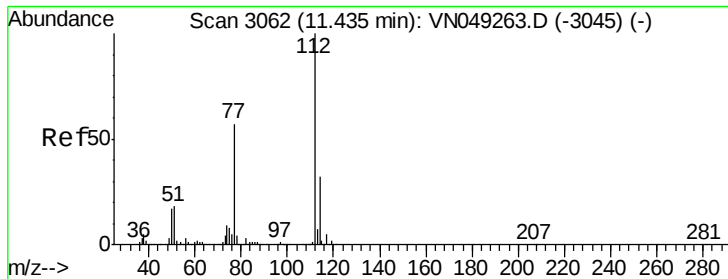
Tot Ion: 95 Resp: 700846
Ion Ratio Lower Upper
95 100
174 88.6 0.0 165.6
176 86.2 0.0 157.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049482.D
Acq: 21 Jun 2018 21:19

Tgt Ion: 117 Resp: 1589938
Ion Ratio Lower Upper
117 100
82 54.2 45.9 68.9
119 32.0 25.5 38.3

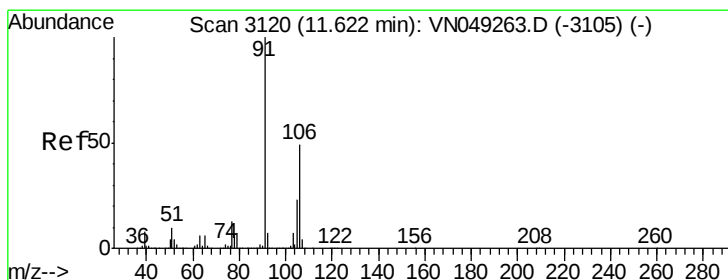
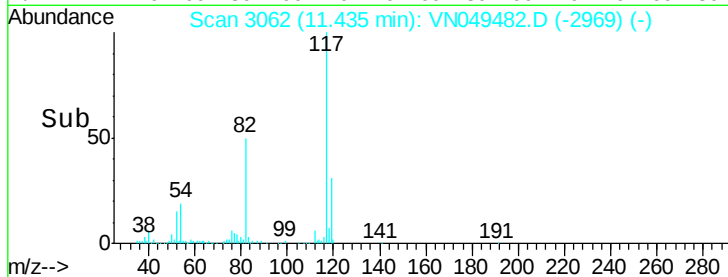
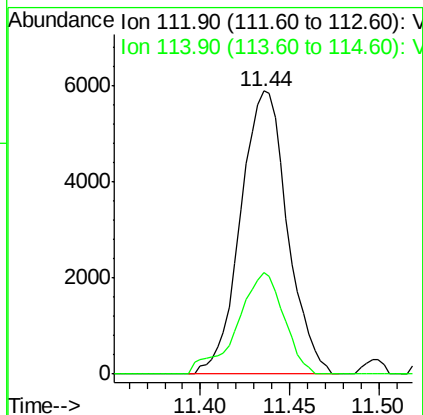
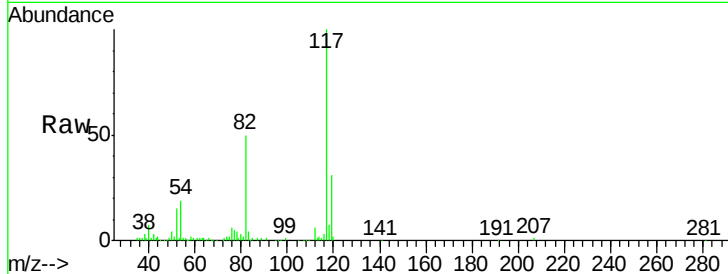




#65
Chlorobenzene
Concen: 0.26 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN049482.D
Acq: 21 Jun 2018 21:19

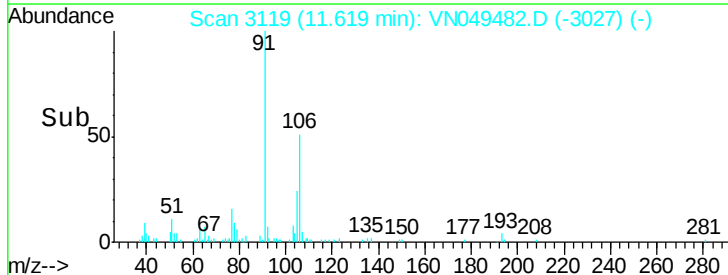
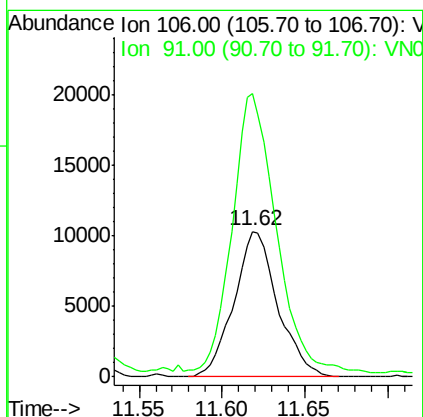
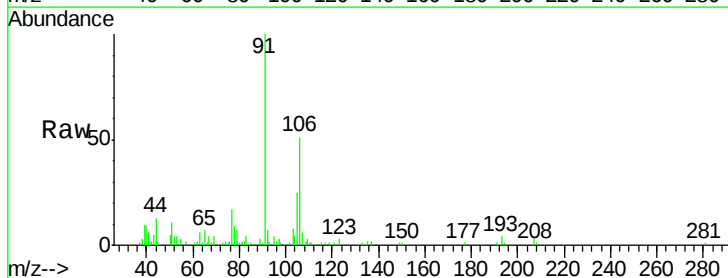
Instrument :
MSVOA_N
ClientSampleId :

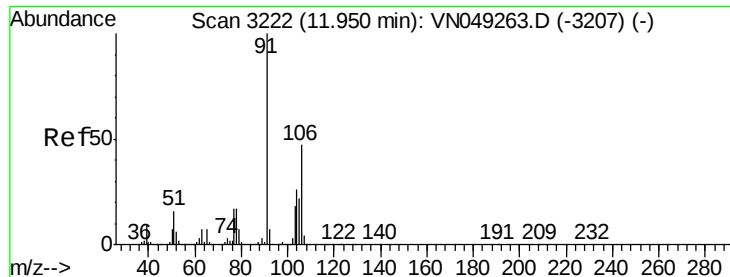
Tot Ion:112 Resp: 10796
Ion Ratio Lower Upper
112 100
114 35.8 26.2 39.4



#68
m/p-Xylenes
Concen: 0.74 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.00 min
Lab File: VN049482.D
Acq: 21 Jun 2018 21:19

Tgt Ion:106 Resp: 18939
Ion Ratio Lower Upper
106 100
91 193.0 167.3 250.9

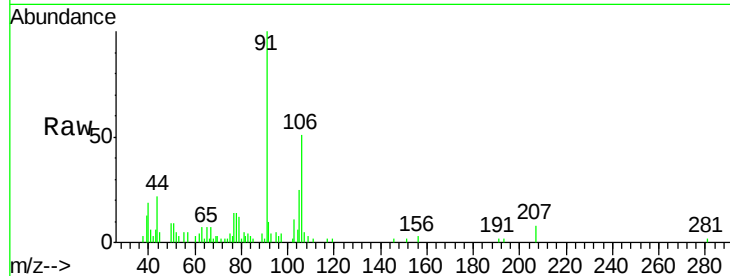




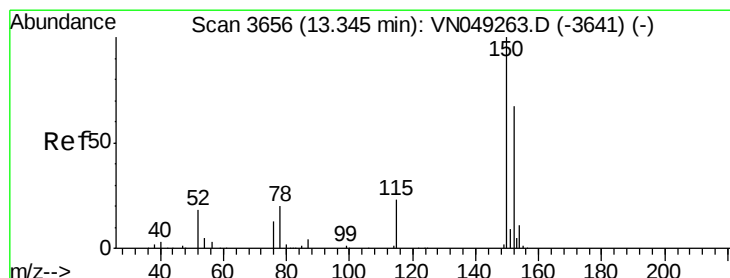
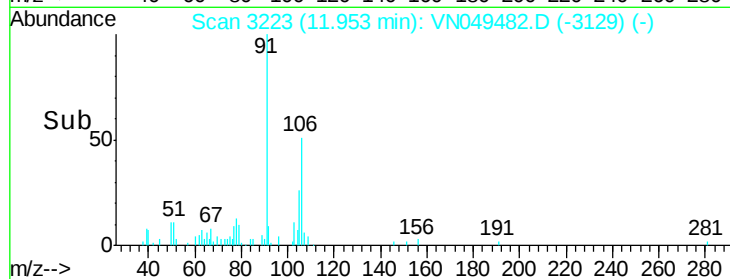
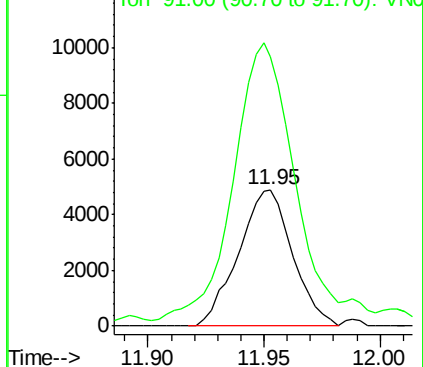
#69
o-Xylene
Concen: 0.32 ug/l
RT: 11.95 min Scan# 3223
Delta R.T. 0.00 min
Lab File: VN049482.D
Acq: 21 Jun 2018 21:19

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:106 Resp: 7907
Ion Ratio Lower Upper
106 100
91 230.9 111.0 333.0

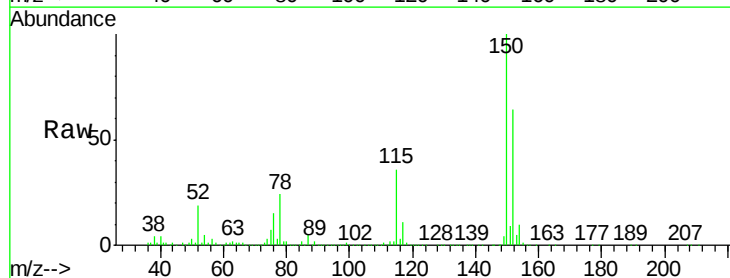


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

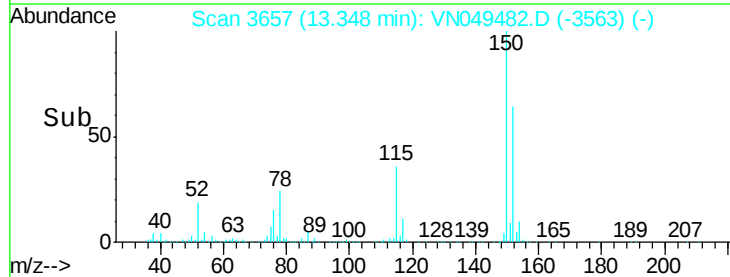
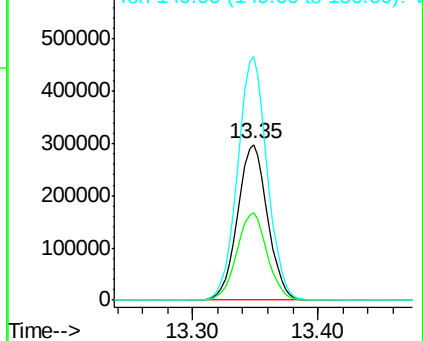


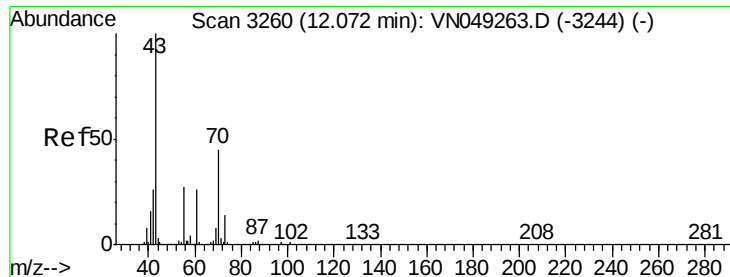
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3657
Delta R.T. 0.00 min
Lab File: VN049482.D
Acq: 21 Jun 2018 21:19

Tgt Ion:152 Resp: 493293
Ion Ratio Lower Upper
152 100
115 56.3 28.7 86.1
150 154.4 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: 0.22 ug/l

RT: 12.05 min Scan# 3252

Delta R.T. -0.03 min

Lab File: VN049482.D

Acq: 21 Jun 2018 21:19

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 2338

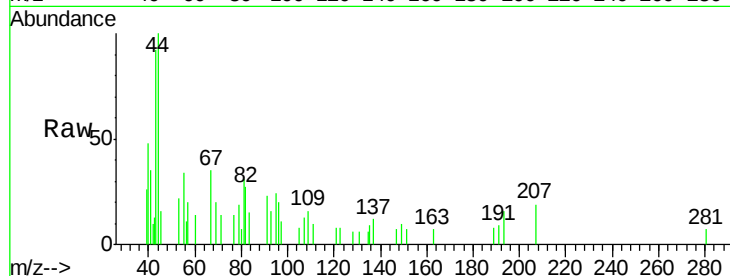
Ion Ratio Lower Upper

43 100

70 0.0 30.3 45.5#

55 19.2 19.4 29.2#

61 0.0 17.8 26.6#

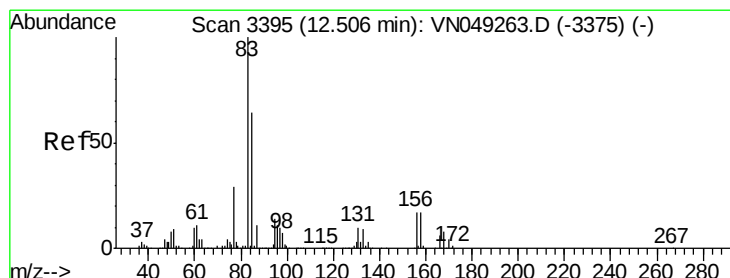
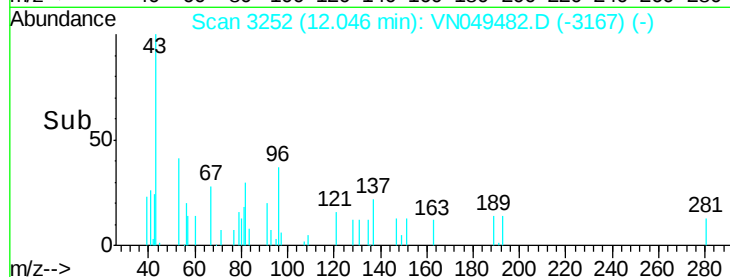
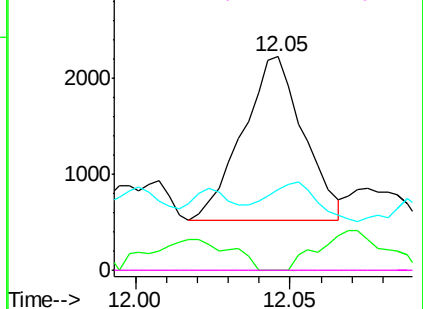


Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 12.52 min Scan# 3400

Delta R.T. 0.02 min

Lab File: VN049482.D

Acq: 21 Jun 2018 21:19

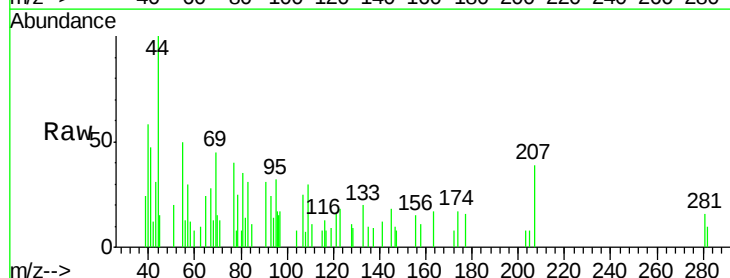
Tgt Ion: 83 Resp: 310

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

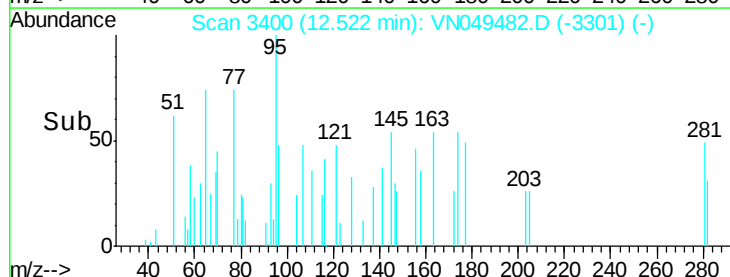
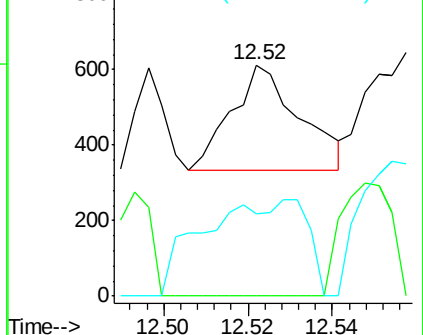
85 83.9 32.0 96.0

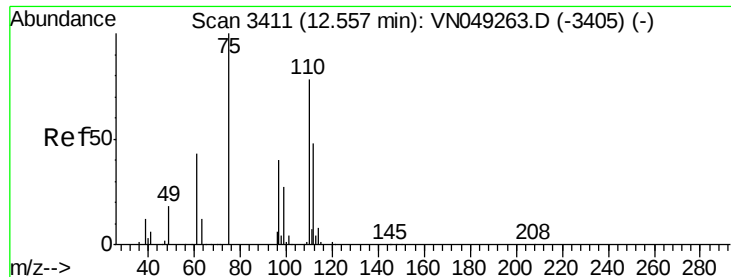


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 40.35 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049482.D

Acq: 21 Jun 2018 21:19

Instrument :

MSVOA_N

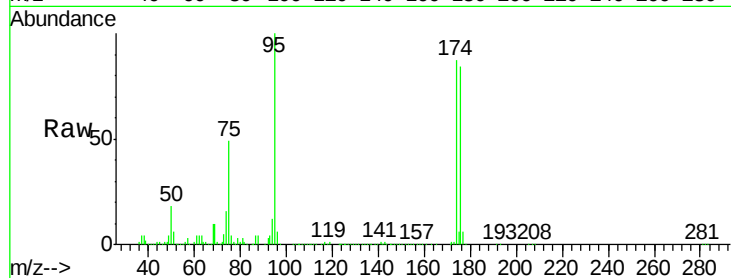
ClientSampleId :

Tot Ion: 75 Resp: 339658

Ion Ratio Lower Upper

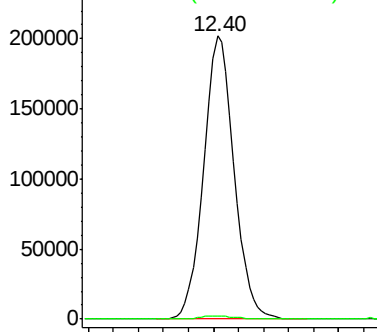
75 100

77 1.1 0.0 0.0#

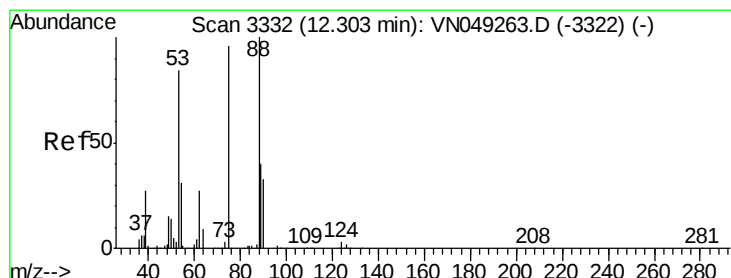
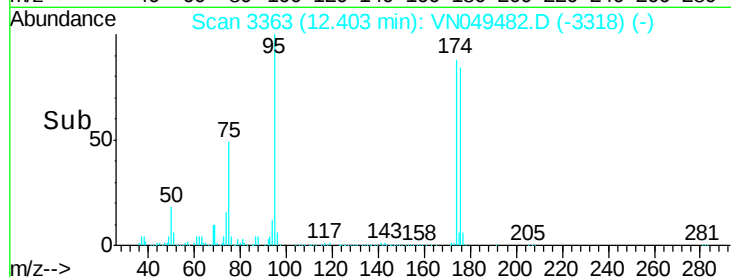


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO



Time--> 12.30 12.40 12.50



#81

trans-1,4-Dichloro-2-butene

Concen: 127.54 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049482.D

Acq: 21 Jun 2018 21:19

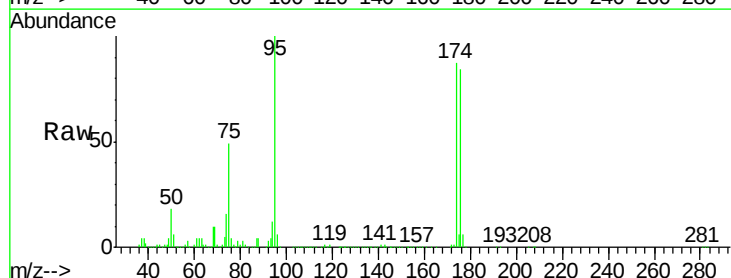
Tgt Ion: 75 Resp: 339658

Ion Ratio Lower Upper

75 100

53 0.3 82.7 124.1#

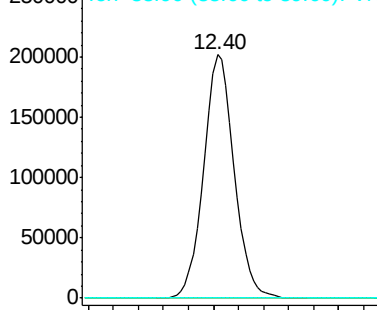
89 0.0 36.5 54.7#



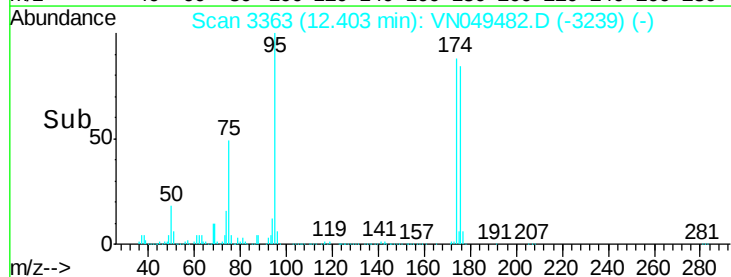
Abundance Ion 74.90 (74.60 to 75.60): VNO

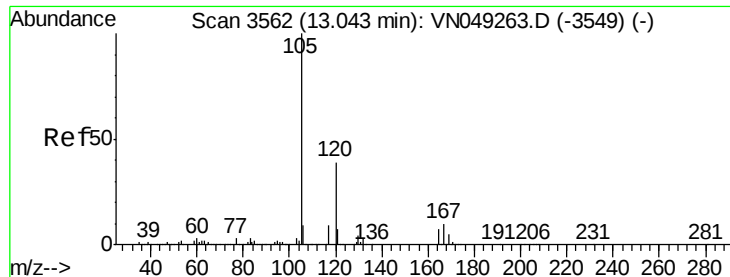
Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO



Time--> 12.30 12.40 12.50





#84

1,2,4-Trimethylbenzene

Concen: 0.27 ug/l

RT: 13.05 min Scan# 3563

Delta R.T. 0.00 min

Lab File: VN049482.D

Acq: 21 Jun 2018 21:19

Instrument :

MSVOA_N

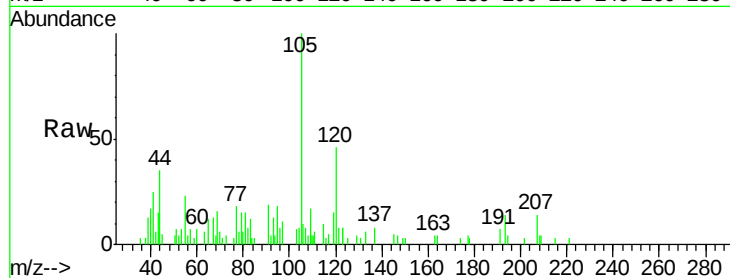
ClientSampled :

Tot Ion:105 Resp: 9125

Ion Ratio Lower Upper

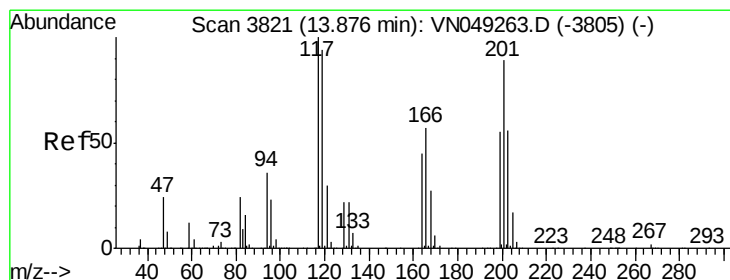
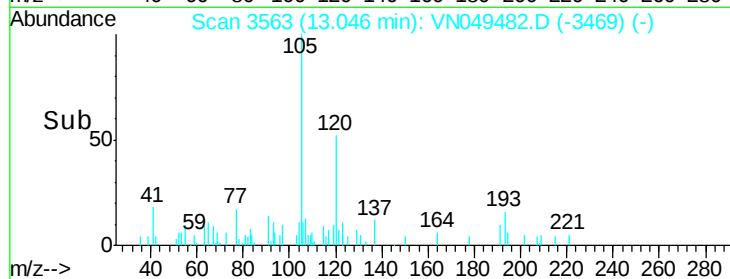
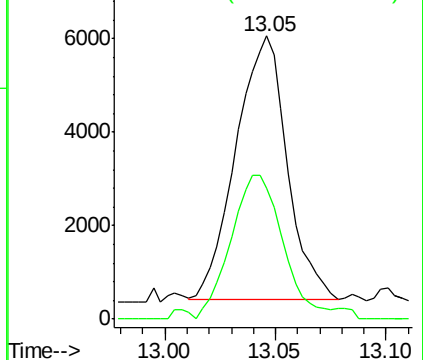
105 100

120 55.4 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: 13.75 min Scan# 3783

Delta R.T. -0.12 min

Lab File: VN049482.D

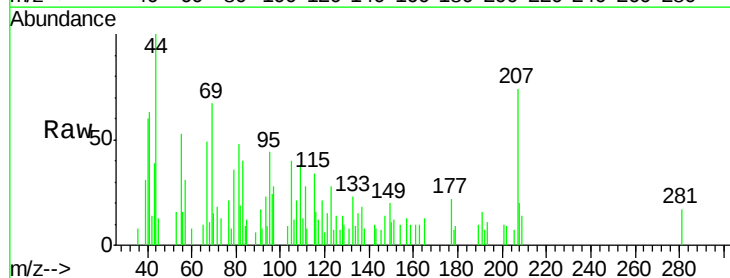
Acq: 21 Jun 2018 21:19

Tgt Ion:117 Resp: 217

Ion Ratio Lower Upper

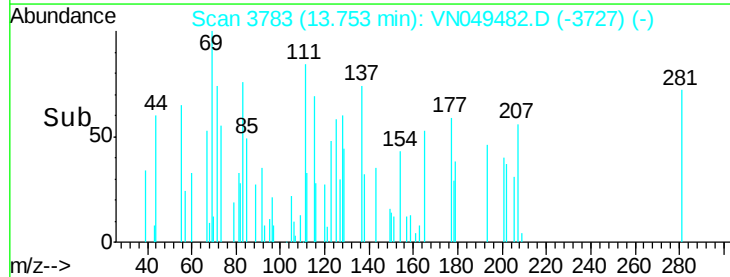
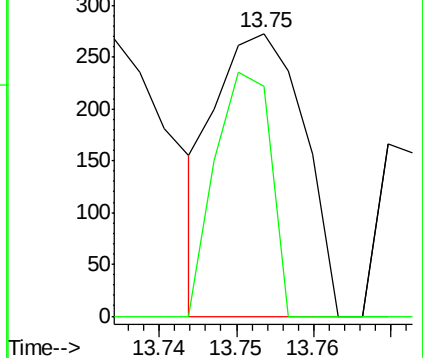
117 100

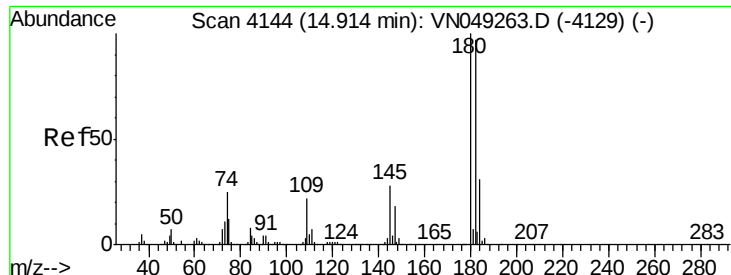
201 53.9 40.1 120.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

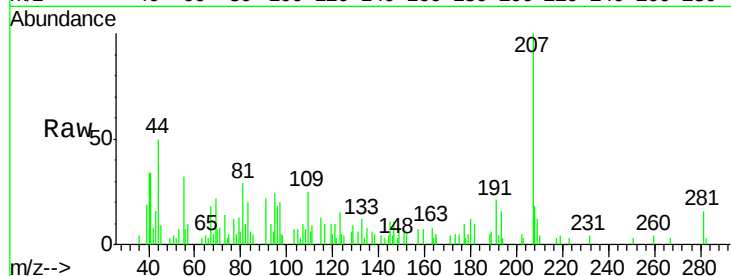




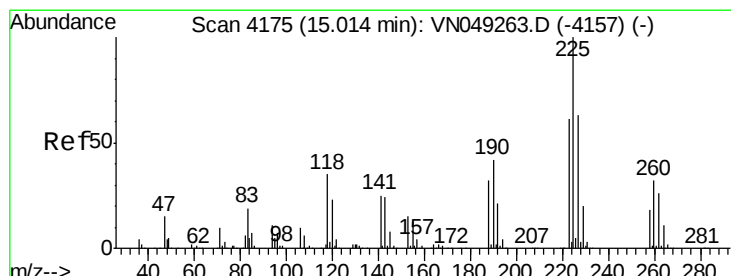
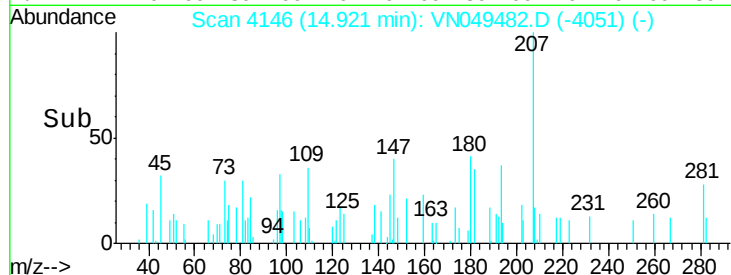
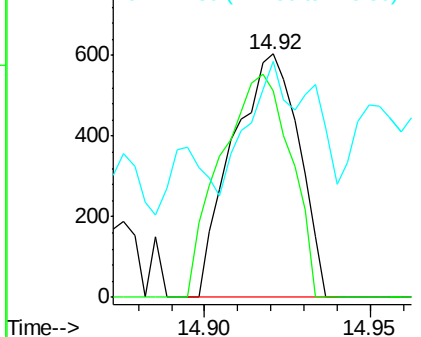
#93
 1,2,4-Trichlorobenzene
 Concen: 4.83 ug/l
 RT: 14.92 min Scan# 4146
 Delta R.T. 0.01 min
 Lab File: VN049482.D
 Acq: 21 Jun 2018 21:19

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 839
 Ion Ratio Lower Upper
 180 100
 182 96.8 46.9 140.8
 145 34.6 14.7 44.1

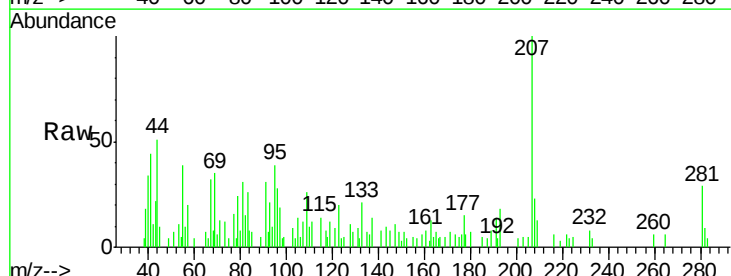


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

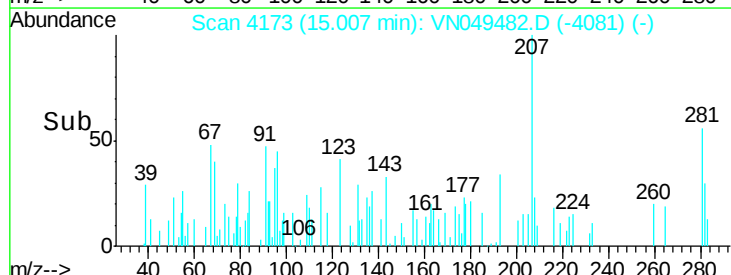
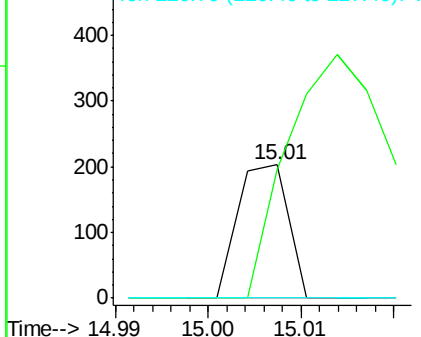


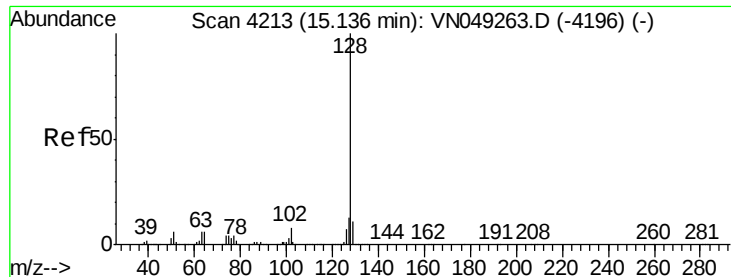
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4173
 Delta R.T. -0.01 min
 Lab File: VN049482.D
 Acq: 21 Jun 2018 21:19

Tgt Ion:225 Resp: 76
 Ion Ratio Lower Upper
 225 100
 223 355.3 32.1 96.3#
 227 0.0 31.8 95.3#



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

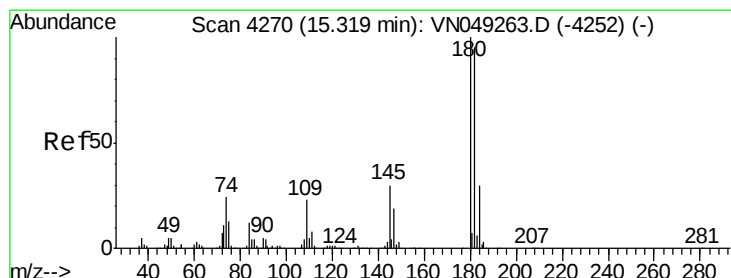
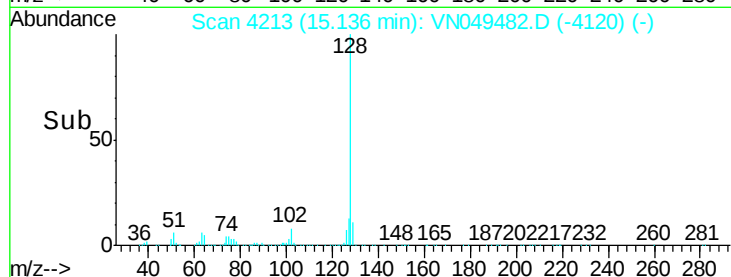
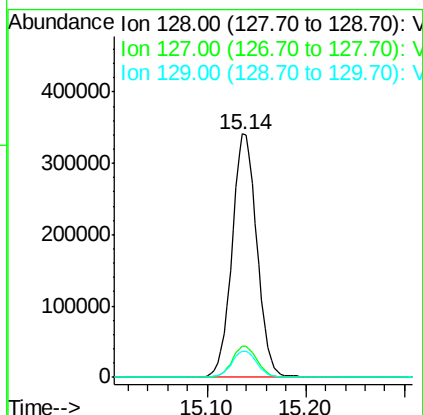
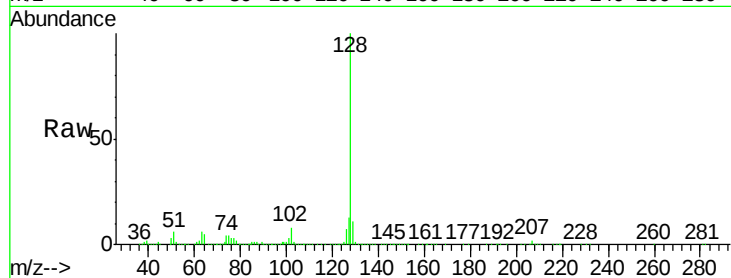




#95
Naphthalene
Concen: 41.17 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049482.D
Acq: 21 Jun 2018 21:19

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 597648
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 10.8 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 3.59 ug/l
RT: 15.33 min Scan# 4272
Delta R.T. 0.01 min
Lab File: VN049482.D
Acq: 21 Jun 2018 21:19

Tgt Ion:180 Resp: 1172
Ion Ratio Lower Upper
180 100
182 42.8 47.3 141.8#
145 8.1 15.6 46.7#

