

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
 Data File : VN049298.D
 Acq On : 16 Jun 2018 9:00
 Operator : MD\SY
 Sample : J3464-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 18 01:14:22 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	1284811	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2044242	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1516546	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	438250	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	842620	49.45	ug/l	0.00
Spiked Amount			Recovery	=	98.90%	
35) Dibromofluoromethane	7.59	113	759853	45.94	ug/l	0.00
Spiked Amount			Recovery	=	91.88%	
50) Toluene-d8	10.09	98	2713835	43.09	ug/l	0.00
Spiked Amount			Recovery	=	86.18%	
62) 4-Bromofluorobenzene	12.40	95	619698	29.76	ug/l	0.00
Spiked Amount			Recovery	=	59.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	3882	0.20	ug/l #	86
5) Bromomethane	2.57	94	3441	0.32	ug/l	82
8) Diethyl Ether	3.41	74	11636	1.32	ug/l	89
11) Tert butyl alcohol	4.82	59	352	0.35	ug/l #	70
13) Acrolein	3.60	56	334	0.32	ug/l #	48
16) Acetone	3.82	43	47154	11.40	ug/l #	88
18) Methyl Acetate	4.33	43	118256	9.37	ug/l	94
20) Methylene Chloride	4.55	84	584143	33.80	ug/l	90
25) 2-Butanone	6.84	43	4025	0.72	ug/l #	84
29) Tetrahydrofuran	7.23	42	3010	0.84	ug/l #	61
30) Chloroform	7.37	83	13436	0.45	ug/l	84
31) Cyclohexane	7.67	56	24630	0.80	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	91329	3.90	ug/l #	50
38) Carbon Tetrachloride	7.67	117	114981	4.74	ug/l #	17
43) Isopropyl Acetate	8.21	43	405084	16.65	ug/l #	65
47) Bromodichloromethane	9.41	83	5502	0.23	ug/l #	83
49) 1,4-Dioxane	9.21	88	32	0.20	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	5020	0.39	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.48	63	31	14.33	ug/l #	51
65) Chlorobenzene	11.43	112	11024	0.28	ug/l	91
73) Isopropylbenzene	12.25	105	65460	1.70	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	203	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.40	75	300467	40.18	ug/l #	100
78) n-propylbenzene	12.59	91	152719	3.61	ug/l	98
79) 2-Chlorotoluene	12.59	91	152719	5.70	ug/l #	41
81) trans-1,4-Dichloro-2-buten	12.40	75	300467	127.00	ug/l #	9
82) 4-Chlorotoluene	12.59	91	152719	5.91	ug/l #	42
83) tert-Butylbenzene	12.99	119	7602	0.28	ug/l	87
84) 1,2,4-Trimethylbenzene	13.04	105	7565	0.25	ug/l	95
85) sec-Butylbenzene	13.17	105	72634	2.04	ug/l	88
86) p-Isopropyltoluene	13.44	119	24688	0.83	ug/l	96
89) n-Butylbenzene	13.62	91	34535	1.48	ug/l #	78
90) Hexachloroethane	13.89	117	27453	3.28	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.26	75	440	0.33	ug/l #	4

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

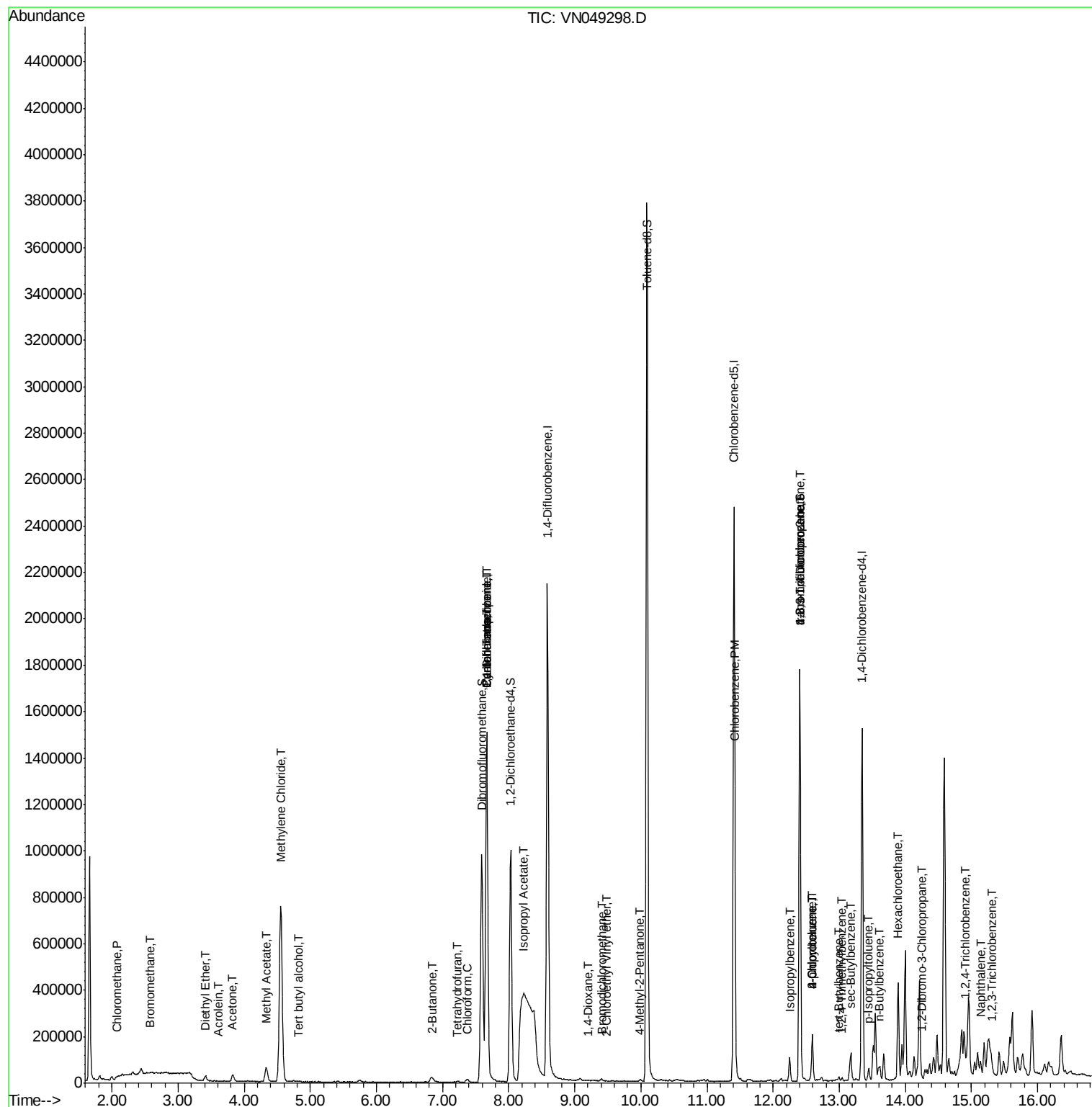
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	483	4.80	ug/l #	1
95) Naphthalene	15.14	128	52386	6.34	ug/l	97
96) 1,2,3-Trichlorobenzene	15.32	180	535	3.53	ug/l #	13

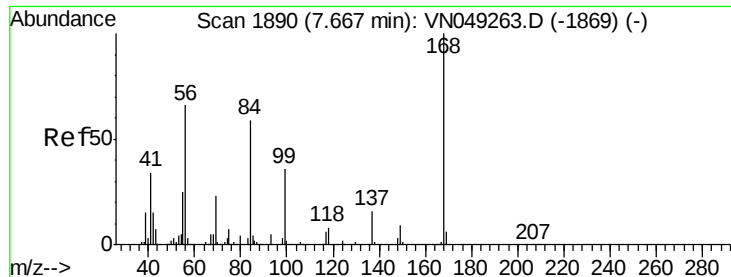
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN049298.D

Acq: 16 Jun 2018 9:00

Instrument :

MSVOA_N

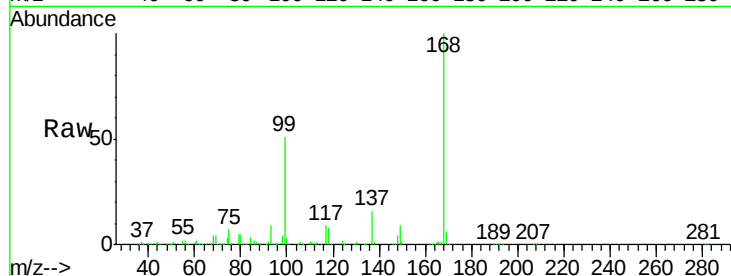
ClientSampleId :

Tot Ion:168 Resp: 1284811

Ion Ratio Lower Upper

168 100

99 51.4 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

600000

500000

400000

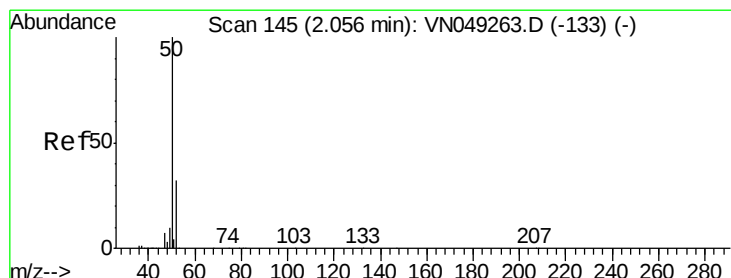
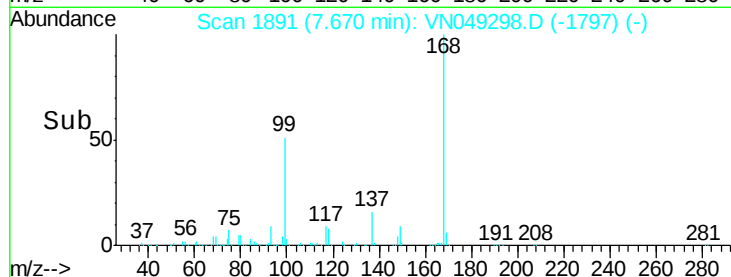
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: 0.20 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN049298.D

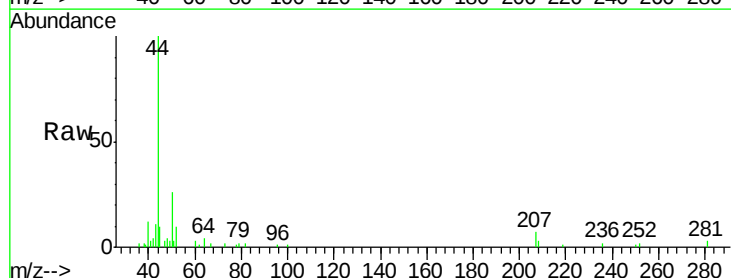
Acq: 16 Jun 2018 9:00

Tgt Ion: 50 Resp: 3882

Ion Ratio Lower Upper

50 100

52 39.0 25.2 37.8#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.06

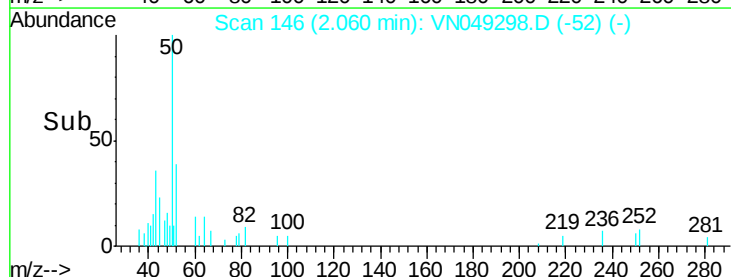
3000

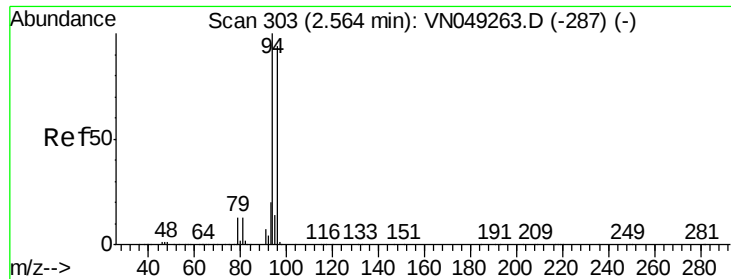
2000

1000

0

Time-->





#5

Bromomethane

Concen: 0.32 ug/l

RT: 2.57 min Scan# 304

Delta R.T. 0.00 min

Lab File: VN049298.D

Acq: 16 Jun 2018 9:00

Instrument :

MSVOA_N

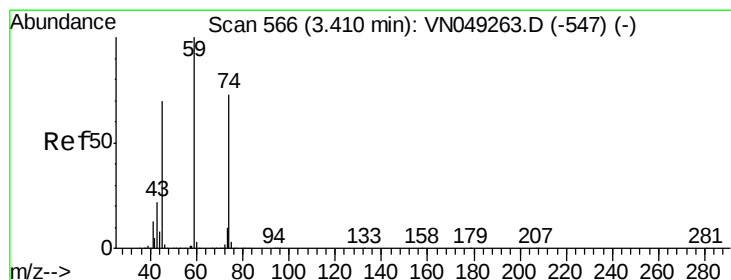
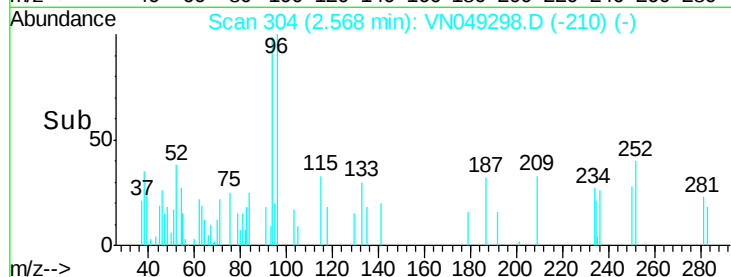
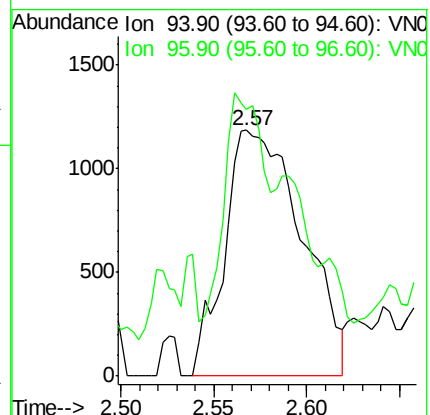
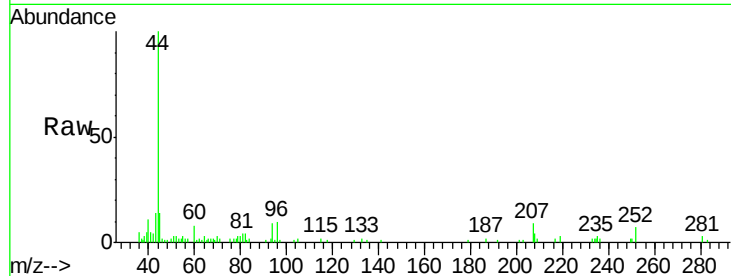
ClientSampleId :

Tot Ion: 94 Resp: 3441

Ion Ratio Lower Upper

94 100

96 73.9 72.8 109.2



#8

Diethyl Ether

Concen: 1.32 ug/l

RT: 3.41 min Scan# 566

Delta R.T. 0.00 min

Lab File: VN049298.D

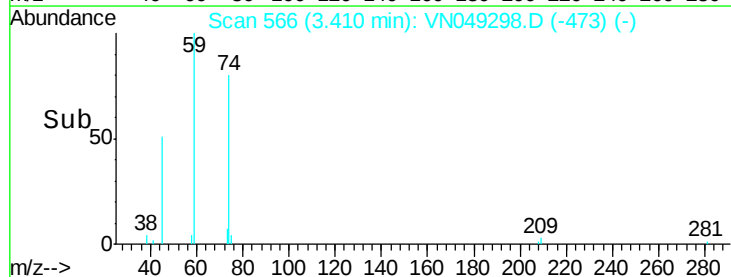
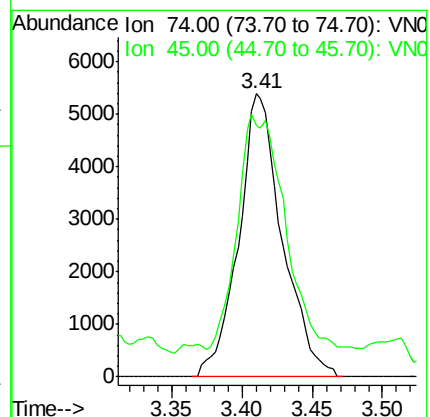
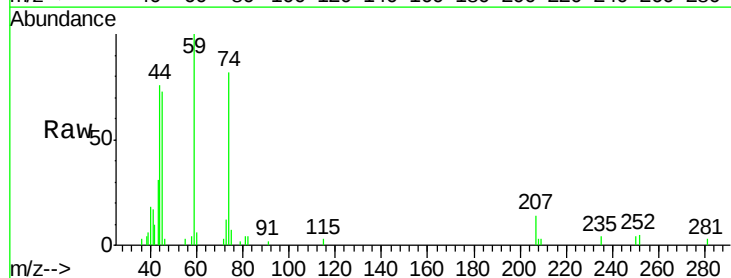
Acq: 16 Jun 2018 9:00

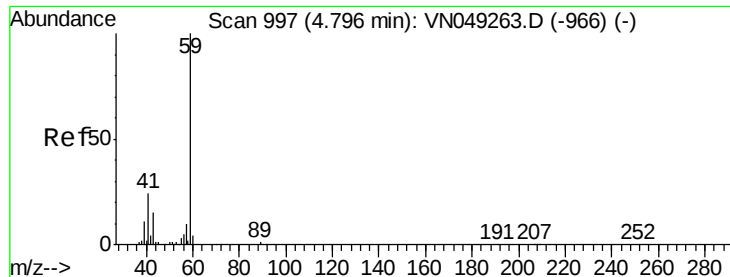
Tgt Ion: 74 Resp: 11636

Ion Ratio Lower Upper

74 100

45 92.5 51.9 155.8

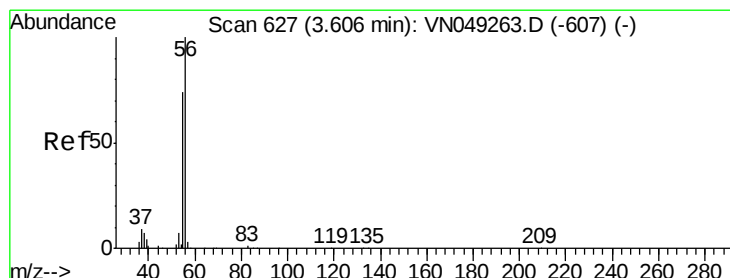
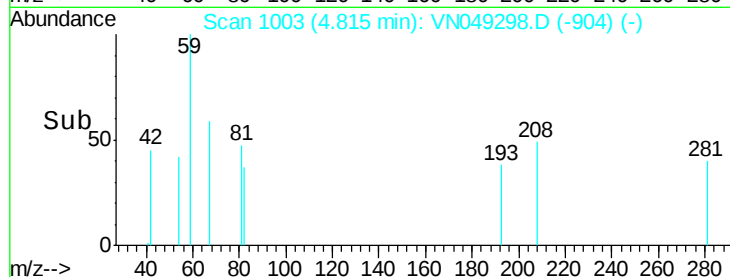
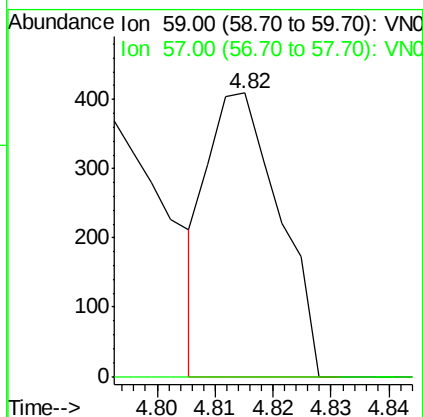
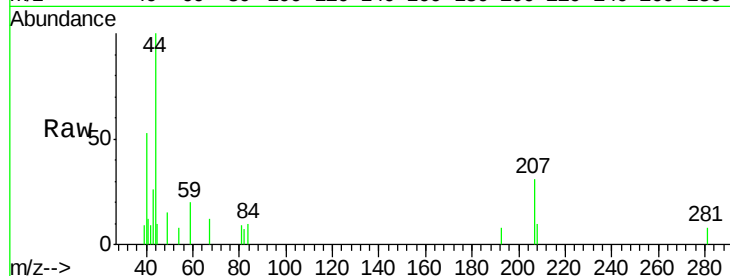




#11
Tert butyl alcohol
Concen: 0.35 ug/l
RT: 4.82 min Scan# 1003
Delta R.T. 0.02 min
Lab File: VN049298.D
Acq: 16 Jun 2018 9:00

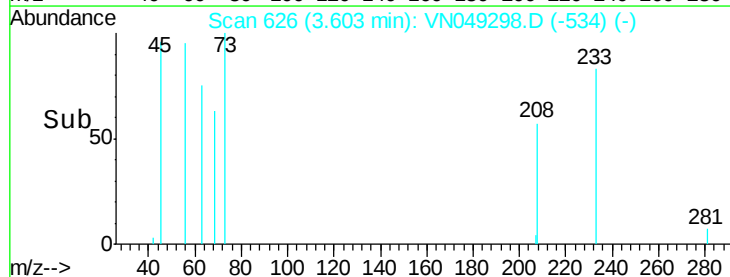
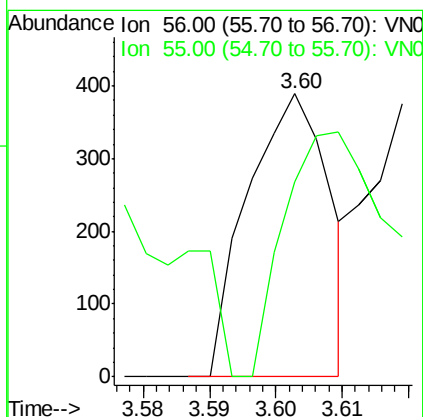
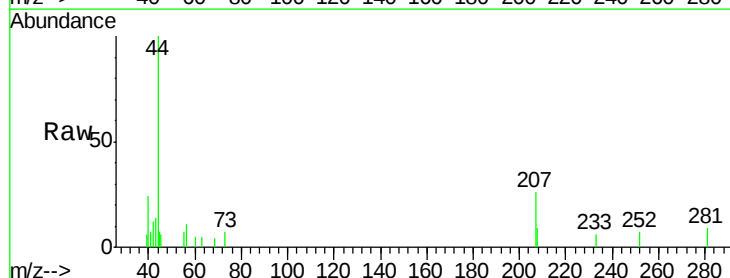
Instrument :
MSVOA_N
ClientSampled :

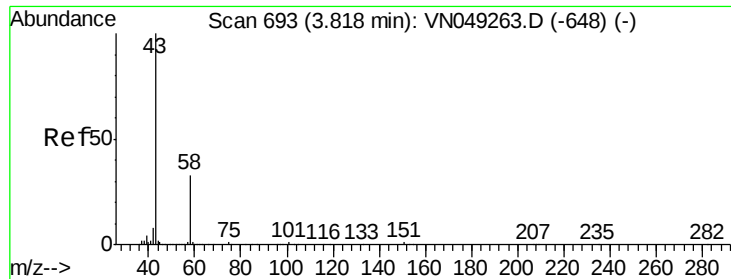
Tot Ion: 59 Resp: 352
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.6#



#13
Acrolein
Concen: 0.32 ug/l
RT: 3.60 min Scan# 626
Delta R.T. -0.00 min
Lab File: VN049298.D
Acq: 16 Jun 2018 9:00

Tgt Ion: 56 Resp: 334
Ion Ratio Lower Upper
56 100
55 114.7 57.1 85.7#





#16

Acetone

Concen: 11.40 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049298.D

Acq: 16 Jun 2018 9:00

Instrument :

MSVOA_N

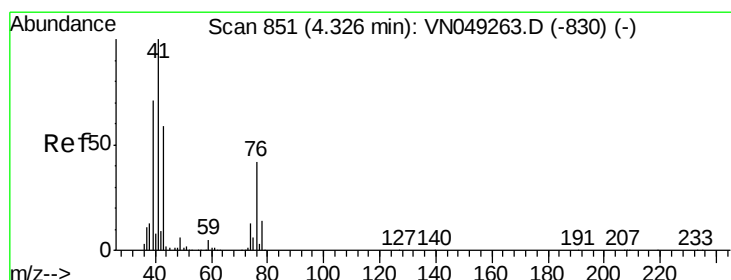
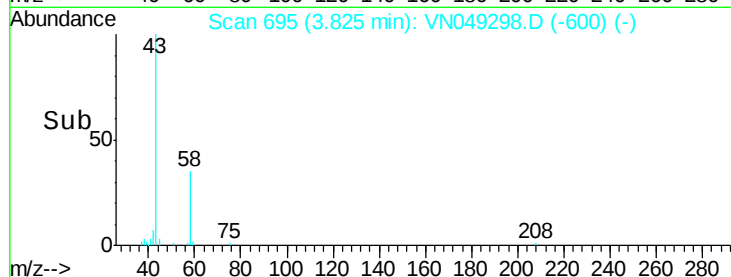
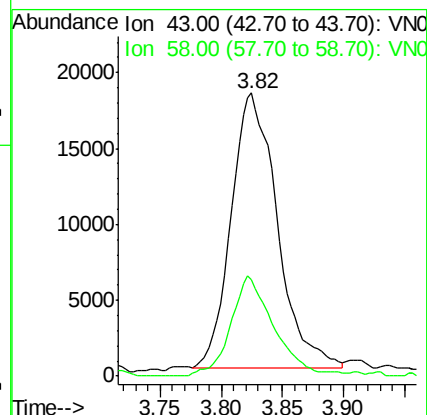
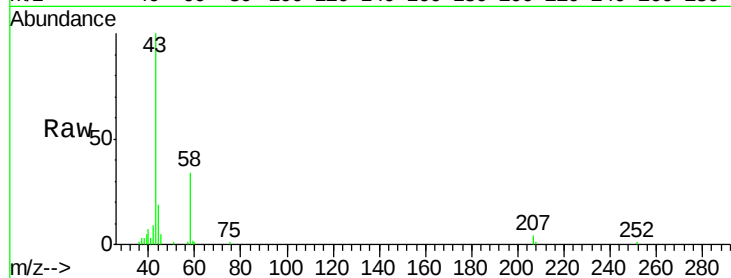
ClientSampleId :

Tot Ion: 43 Resp: 47154

Ion Ratio Lower Upper

43 100

58 34.3 22.4 33.6#



#18

Methyl Acetate

Concen: 9.37 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.01 min

Lab File: VN049298.D

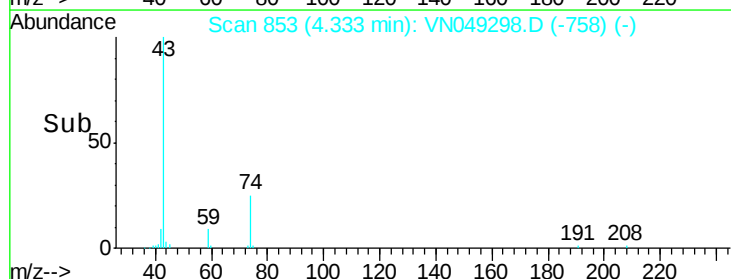
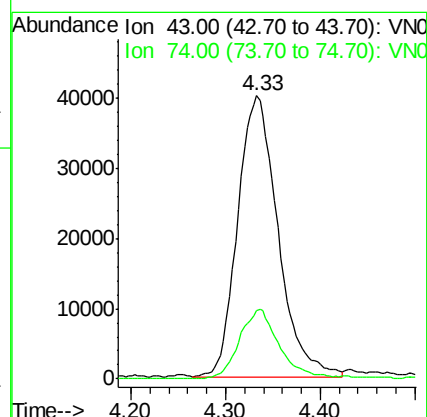
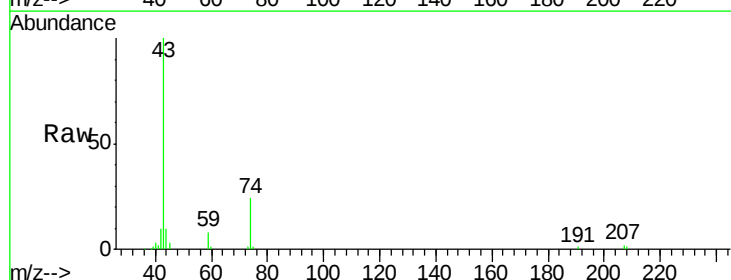
Acq: 16 Jun 2018 9:00

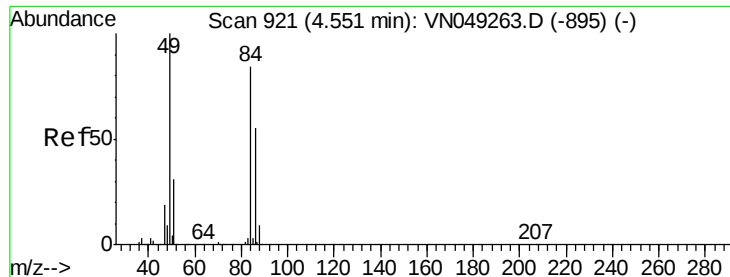
Tgt Ion: 43 Resp: 118256

Ion Ratio Lower Upper

43 100

74 24.4 17.4 26.0

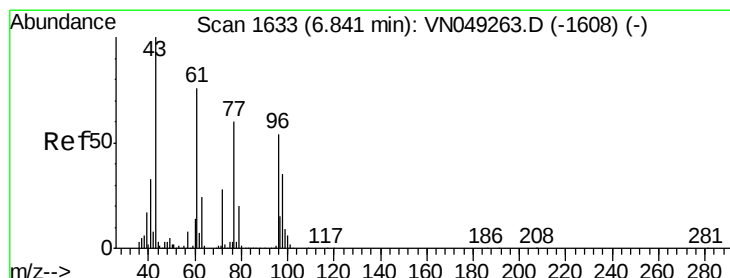
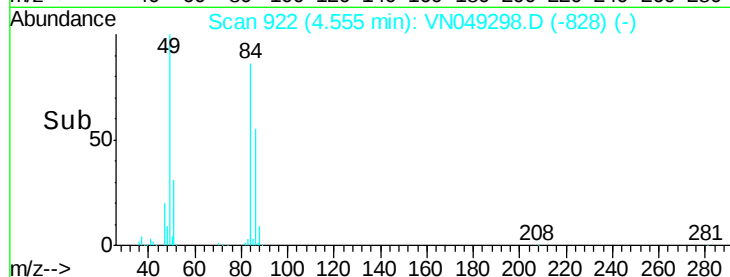
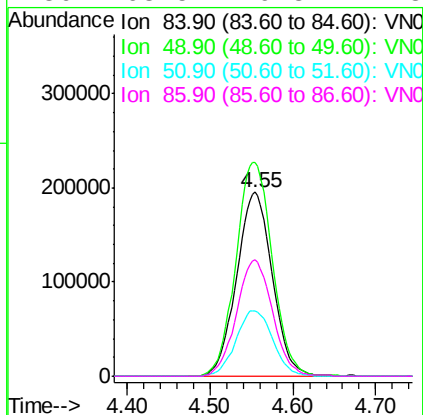
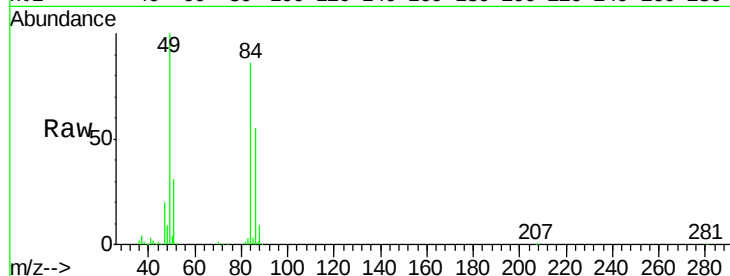




#20
Methvlene Chloride
Concen: 33.80 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN049298.D
Acq: 16 Jun 2018 9:00

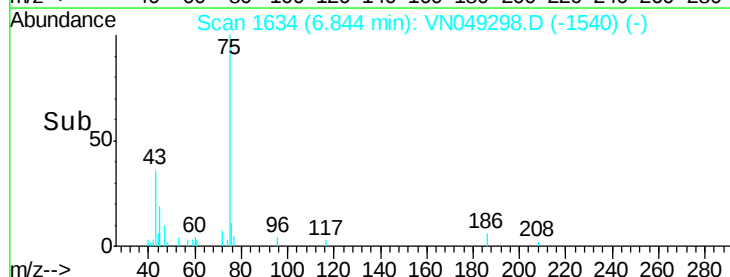
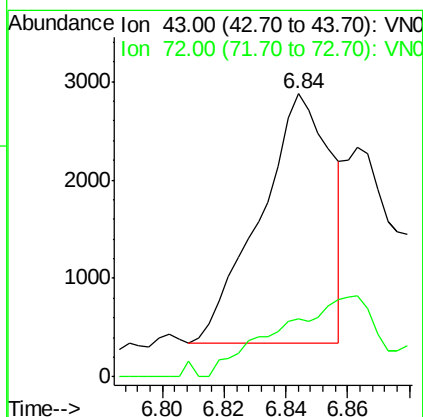
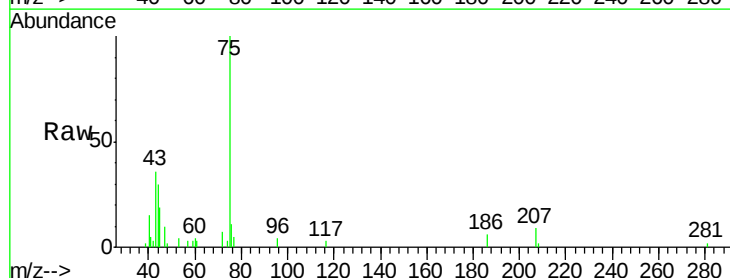
Instrument :
MSVOA_N
ClientSampleId :

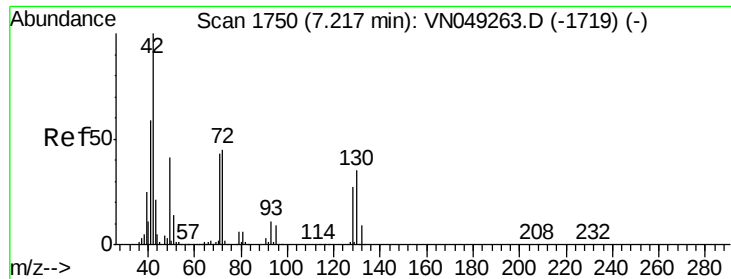
Tot Ion: 84 Resp: 584143
Ion Ratio Lower Upper
84 100
49 116.1 106.9 160.3
51 35.4 32.7 49.1
86 63.5 49.8 74.8



#25
2-Butanone
Concen: 0.72 ug/l
RT: 6.84 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VN049298.D
Acq: 16 Jun 2018 9:00

Tgt Ion: 43 Resp: 4025
Ion Ratio Lower Upper
43 100
72 17.4 20.2 30.2#

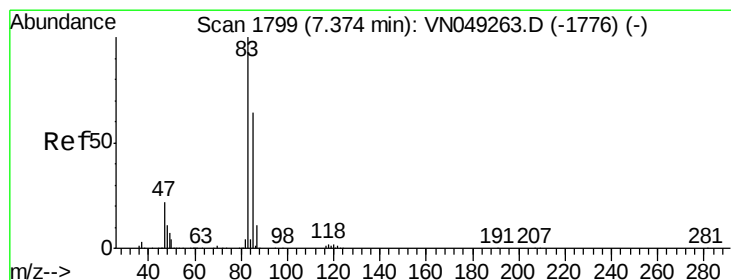
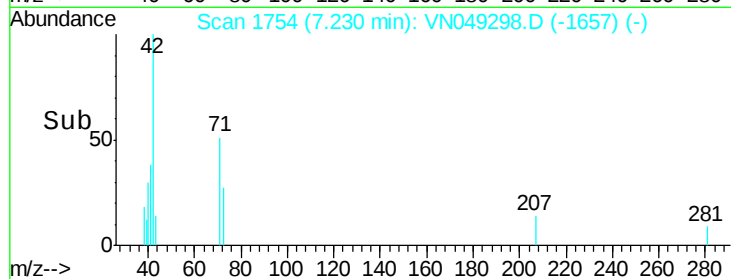
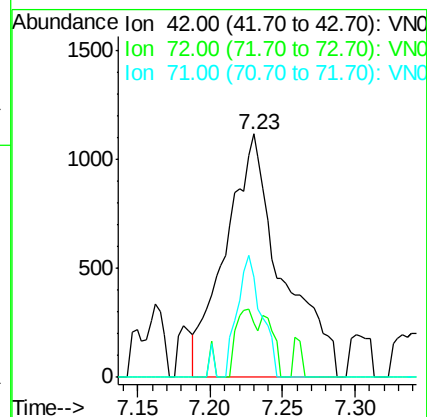
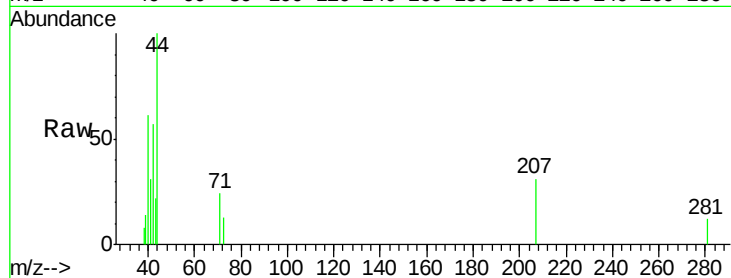




#29
Tetrahydrofuran
Concen: 0.84 ug/l
RT: 7.23 min Scan# 1754
Delta R.T. 0.01 min
Lab File: VN049298.D
Acq: 16 Jun 2018 9:00

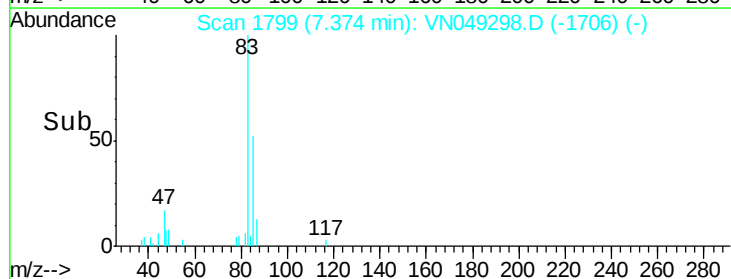
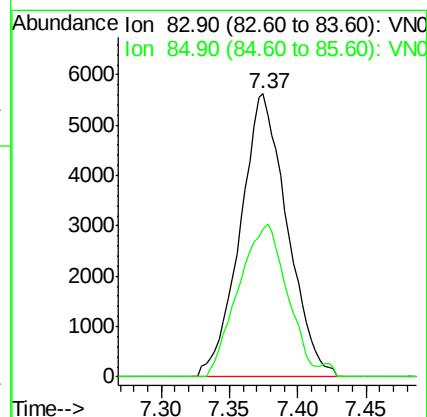
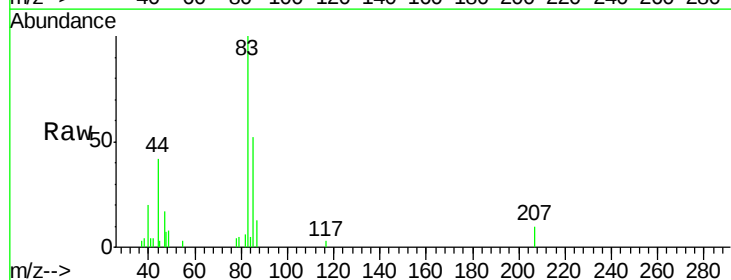
Instrument :
MSVOA_N
ClientSampled :

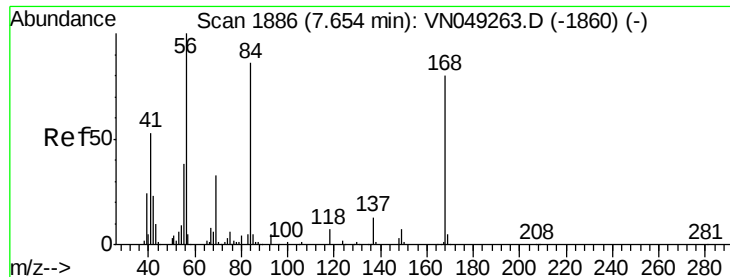
Tot Ion: 42 Resp: 3010
Ion Ratio Lower Upper
42 100
72 10.1 32.2 48.4#
71 21.2 30.5 45.7#



#30
Chloroform
Concen: 0.45 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN049298.D
Acq: 16 Jun 2018 9:00

Tgt Ion: 83 Resp: 13436
Ion Ratio Lower Upper
83 100
85 52.3 51.7 77.5

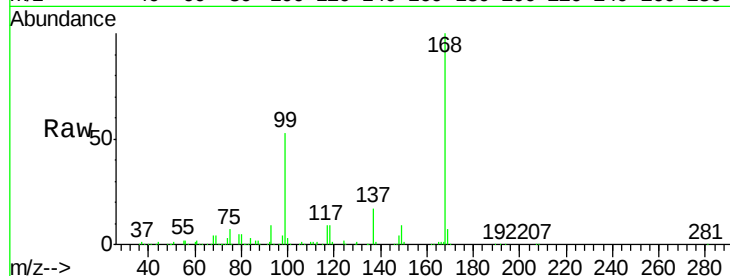




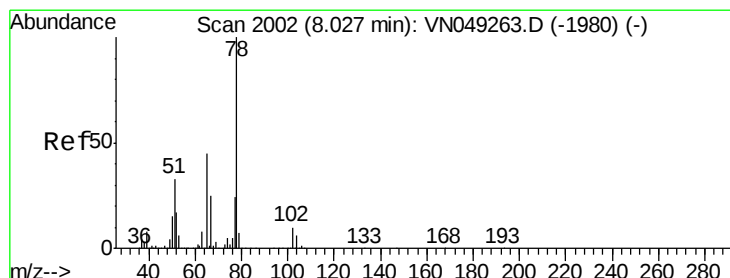
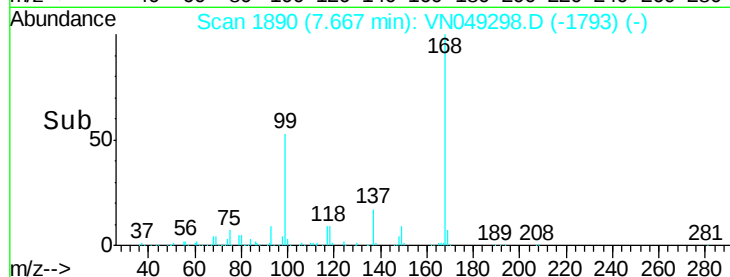
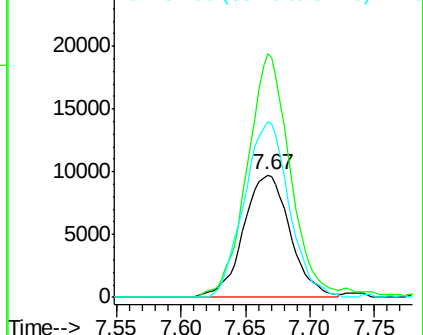
#31
Cvclohexane
Concen: 0.80 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VN049298.D
Acq: 16 Jun 2018 9:00

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 24630
Ion Ratio Lower Upper
56 100
69 199.1 25.0 37.4#
84 143.7 64.6 96.8#

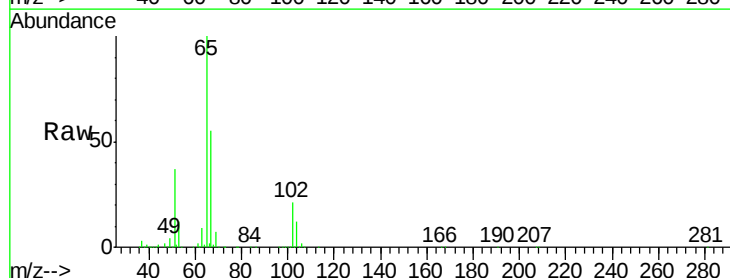


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

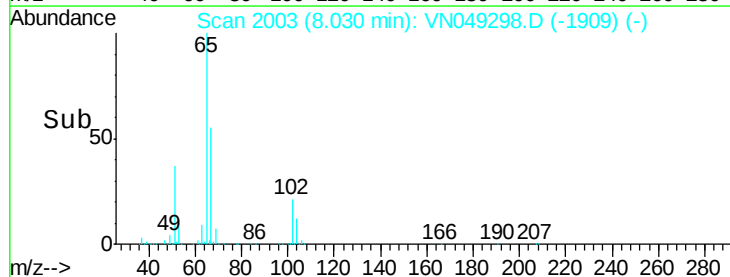
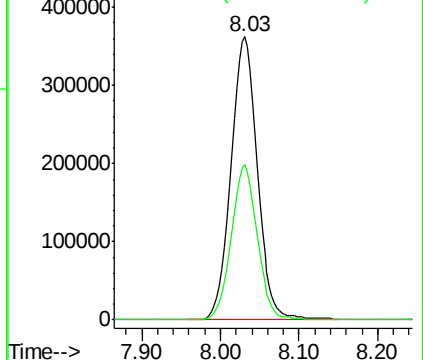


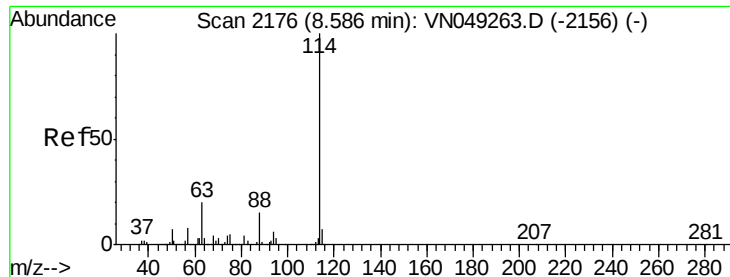
#33
1,2-Dichloroethane-d4
Concen: 49.45 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049298.D
Acq: 16 Jun 2018 9:00

Tgt Ion: 65 Resp: 842620
Ion Ratio Lower Upper
65 100
67 53.9 0.0 103.8



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

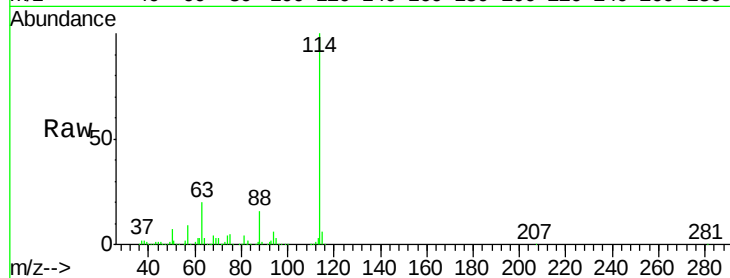




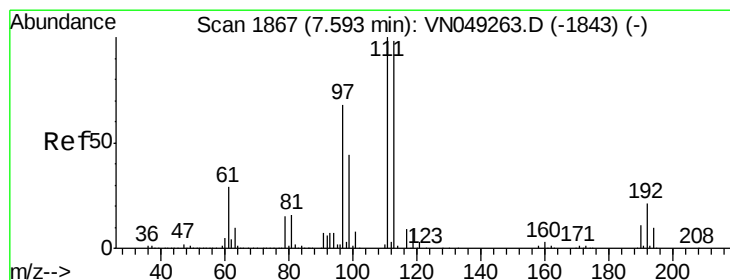
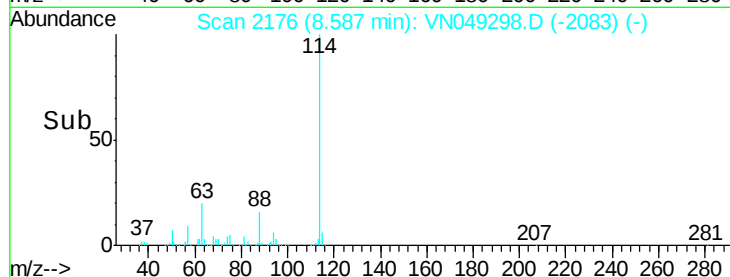
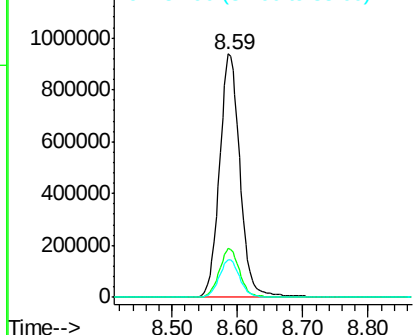
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049298.D
 Acq: 16 Jun 2018 9:00

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:114 Resp: 2044242
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 44.4
 88 15.6 0.0 31.4

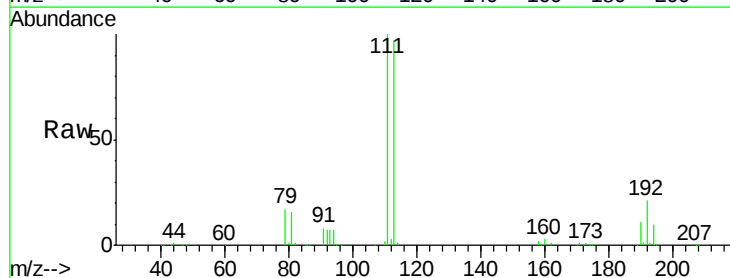


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

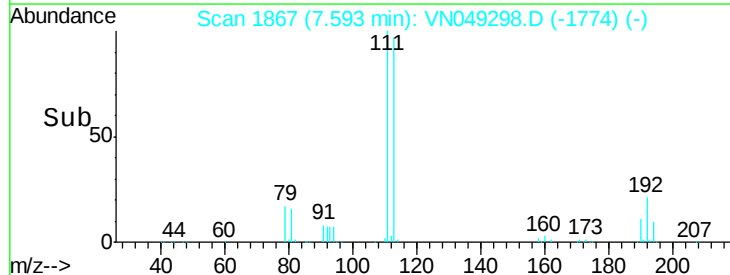
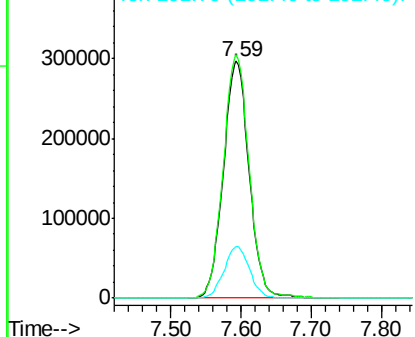


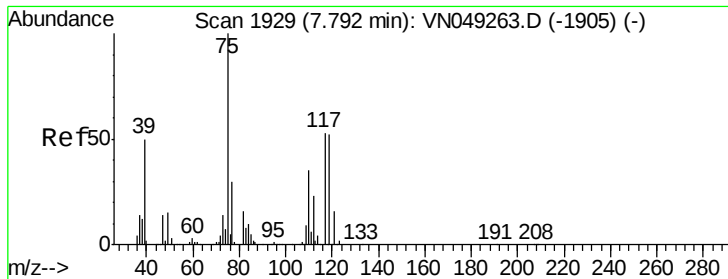
#35
 Dibromofluoromethane
 Concen: 45.94 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049298.D
 Acq: 16 Jun 2018 9:00

Tgt Ion:113 Resp: 759853
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.4 123.6
 192 21.6 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

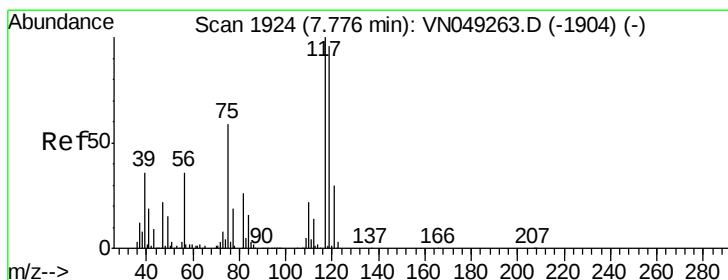
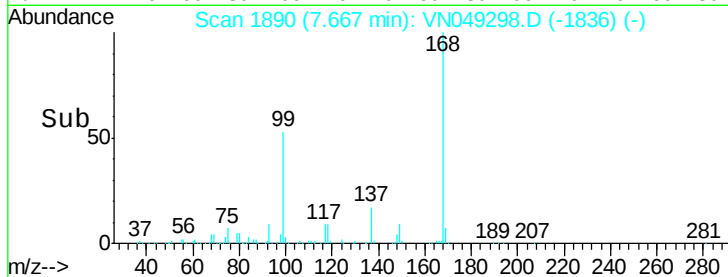
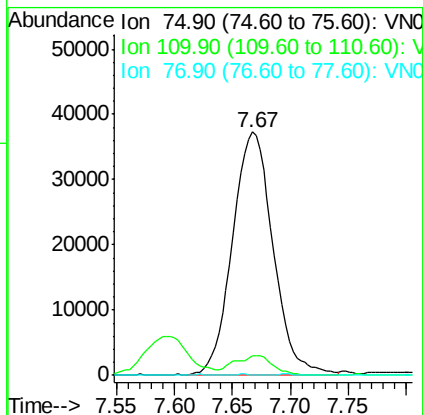
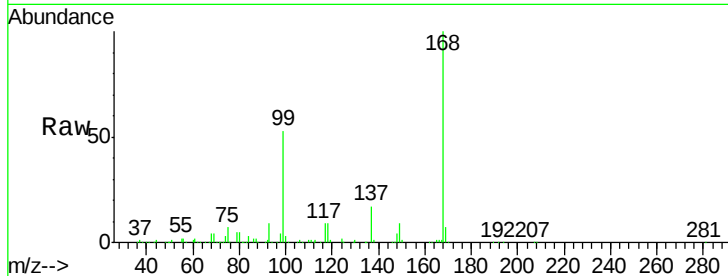




#36
 1,1-Dichloropropene
 Concen: 3.90 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN049298.D
 Acq: 16 Jun 2018 9:00

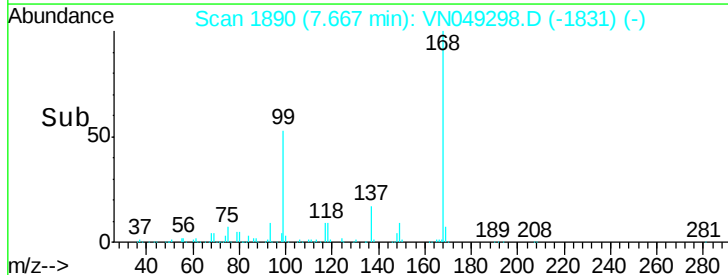
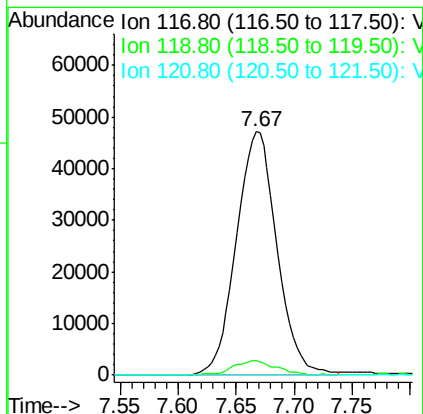
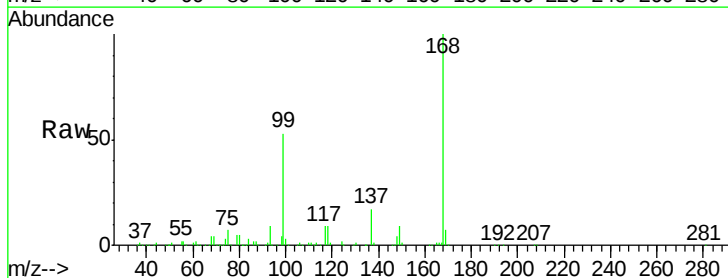
Instrument :
 MSVOA_N
 ClientSampleId :

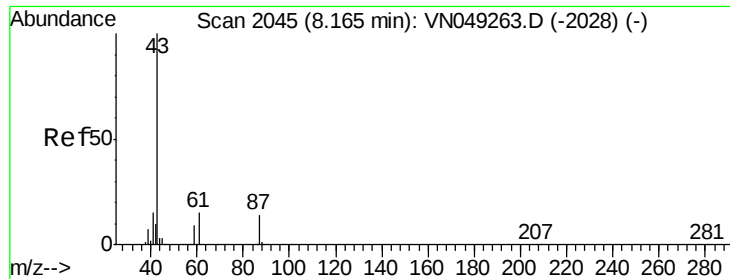
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.7	17.0	50.9#
77	0.1	24.4	36.6#



#38
 Carbon Tetrachloride
 Concen: 4.74 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.11 min
 Lab File: VN049298.D
 Acq: 16 Jun 2018 9:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.0	75.6	113.4#
121	0.0	24.7	37.1#





#43

Isopropyl Acetate

Concen: 16.65 ug/l

RT: 8.21 min Scan# 2059

Delta R.T. 0.05 min

Lab File: VN049298.D

Acq: 16 Jun 2018 9:00

Instrument :

MSVOA_N

ClientSampleId :

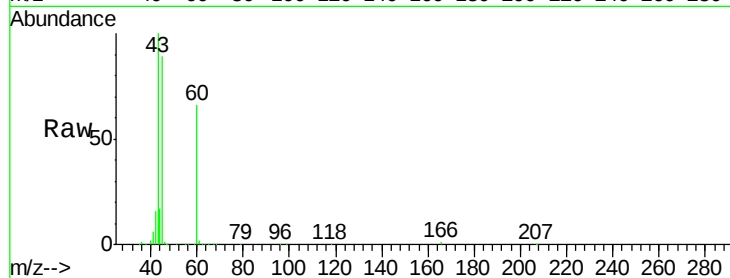
Tot Ion: 43 Resp: 405084

Ion Ratio Lower Upper

43 100

61 1.0 14.2 21.4#

87 0.0 9.4 14.0#

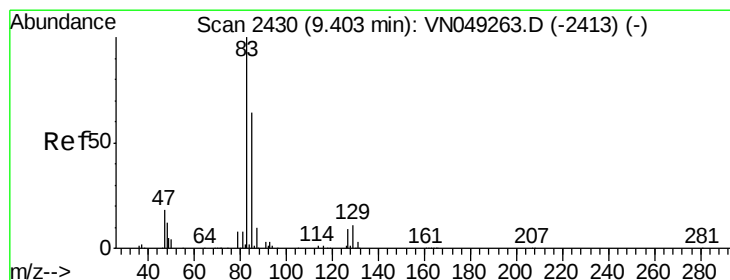
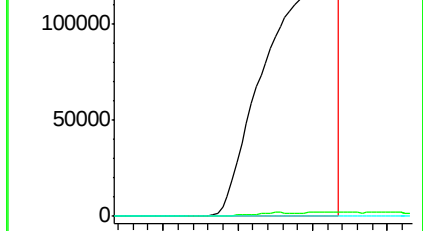
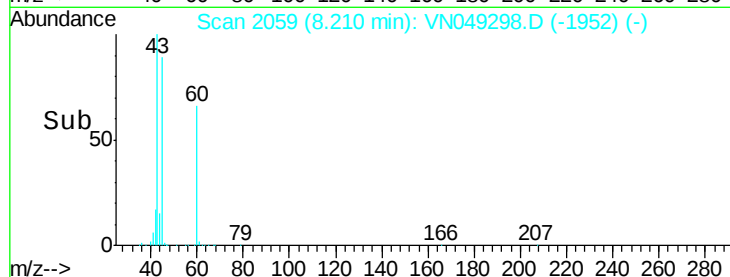


Abundance Ion 43.00 (42.70 to 43.70): VN049298.D (-2337) (-)

Ion 61.00 (60.70 to 61.70): VN049298.D (-2337) (-)

Ion 87.00 (86.70 to 87.70): VN049298.D (-2337) (-)

Time-->



#47

Bromodichloromethane

Concen: 0.23 ug/l

RT: 9.41 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VN049298.D

Acq: 16 Jun 2018 9:00

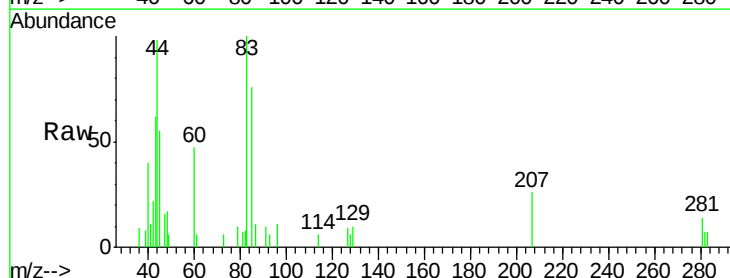
Tgt Ion: 83 Resp: 5502

Ion Ratio Lower Upper

83 100

85 75.9 49.4 74.0#

127 8.9 6.3 9.5

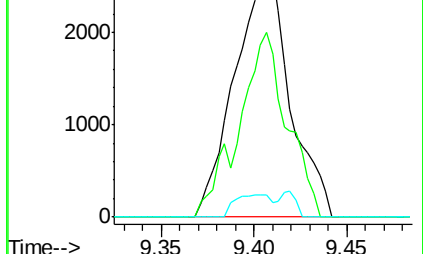
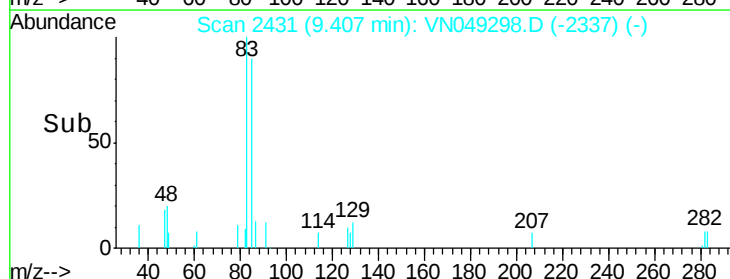


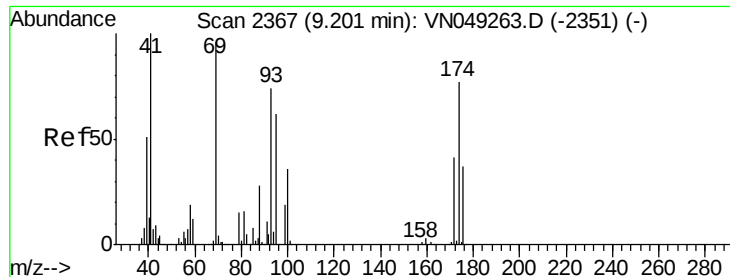
Abundance Ion 82.90 (82.60 to 83.60): VN049298.D (-2337) (-)

Ion 84.90 (84.60 to 85.60): VN049298.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN049298.D (-2337) (-)

Time-->

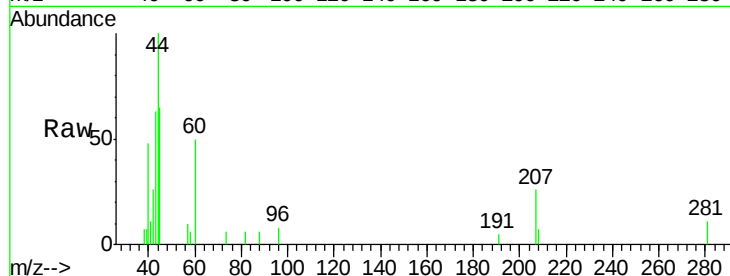




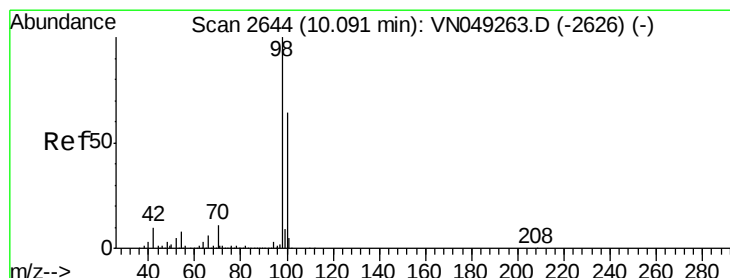
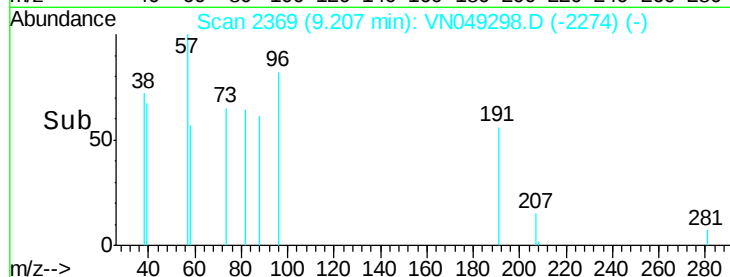
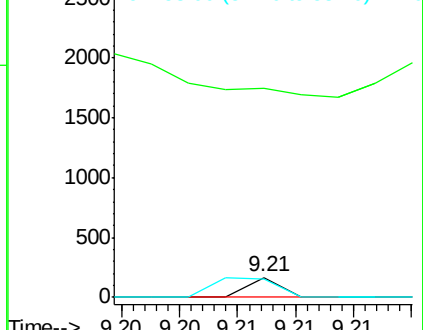
#49
1,4-Dioxane
Concen: 0.20 ug/l
RT: 9.21 min Scan# 2369
Delta R.T. 0.01 min
Lab File: VN049298.D
Acq: 16 Jun 2018 9:00

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 32
Ion Ratio Lower Upper
88 100
43 784.4 30.9 46.3#
58 193.8 58.9 88.3#

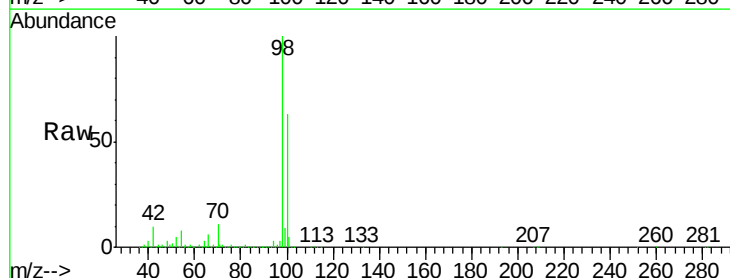


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

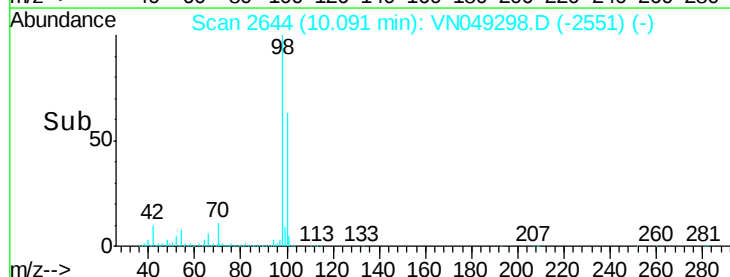
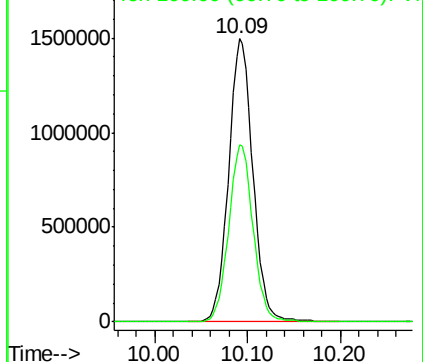


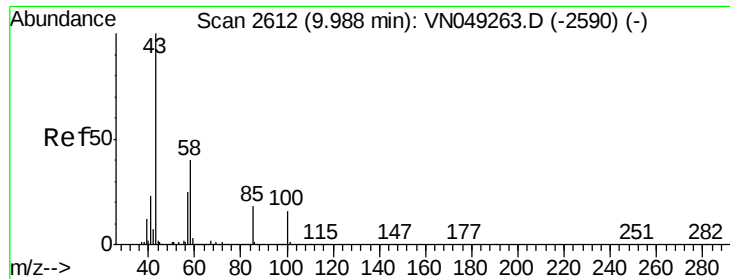
#50
Toluene-d8
Concen: 43.09 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049298.D
Acq: 16 Jun 2018 9:00

Tgt Ion: 98 Resp: 2713835
Ion Ratio Lower Upper
98 100
100 63.0 49.8 74.8



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

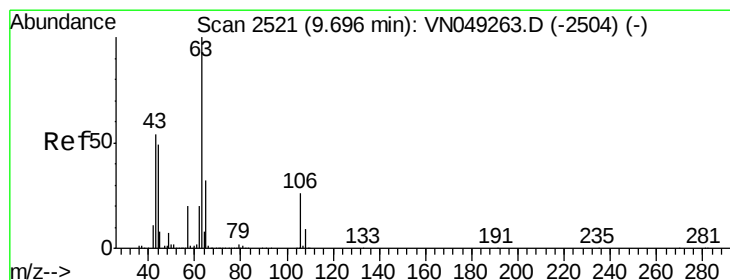
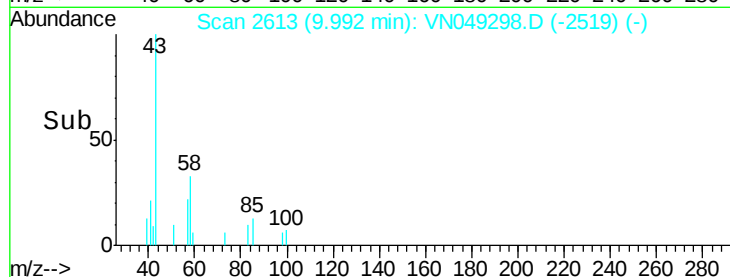
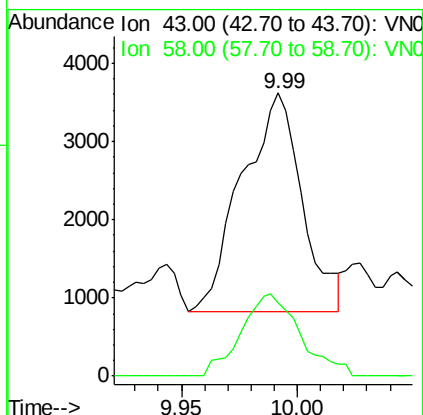
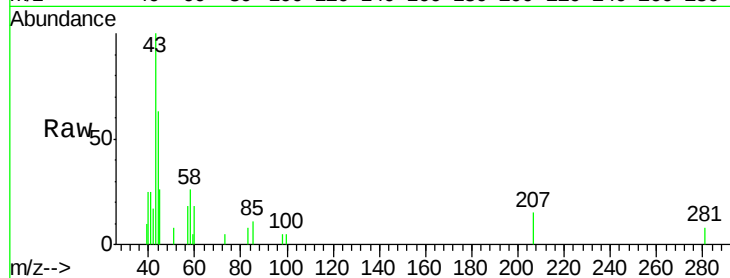




#51
4-Methyl-2-Pentanone
Concen: 0.39 ug/l
RT: 9.99 min Scan# 2613
Delta R.T. 0.00 min
Lab File: VN049298.D
Acq: 16 Jun 2018 9:00

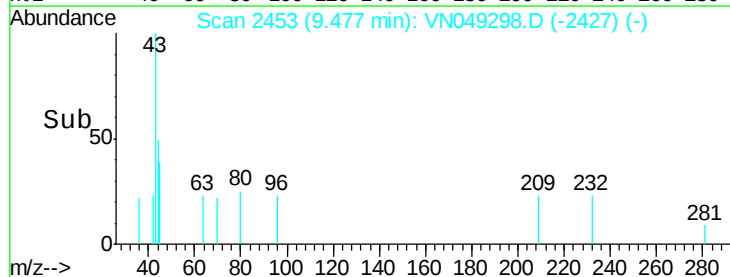
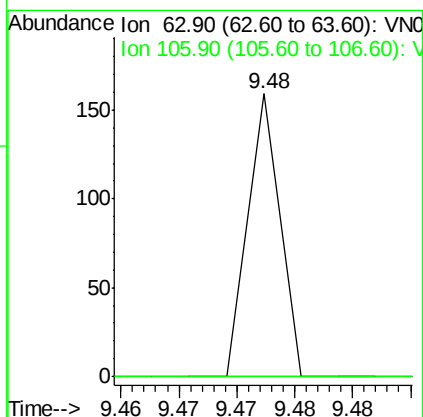
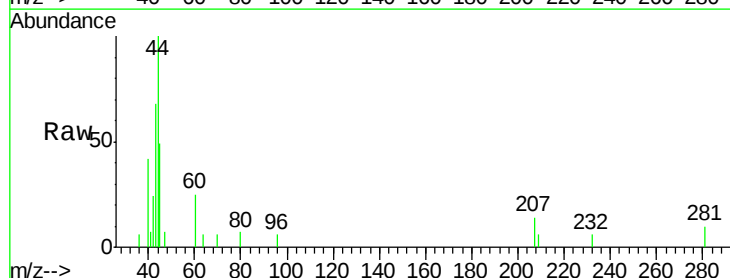
Instrument :
MSVOA_N
ClientSampled :

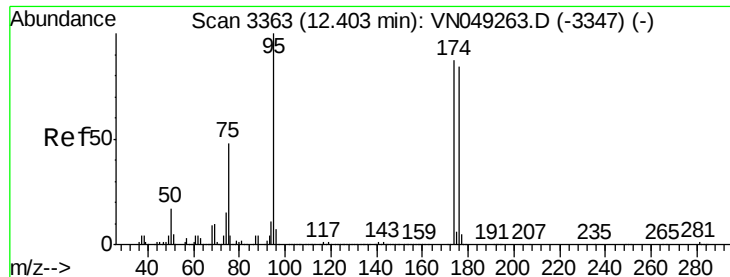
Tot Ion: 43 Resp: 5020
Ion Ratio Lower Upper
43 100
58 37.1 29.0 43.6



#58
2-Chloroethyl Vinyl ether
Concen: 14.33 ug/l
RT: 9.48 min Scan# 2453
Delta R.T. -0.22 min
Lab File: VN049298.D
Acq: 16 Jun 2018 9:00

Tgt Ion: 63 Resp: 31
Ion Ratio Lower Upper
63 100
106 0.0 19.4 29.2#





#62

4-Bromofluorobenzene

Concen: 29.76 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049298.D

Acq: 16 Jun 2018 9:00

Instrument :

MSVOA_N

ClientSampleId :

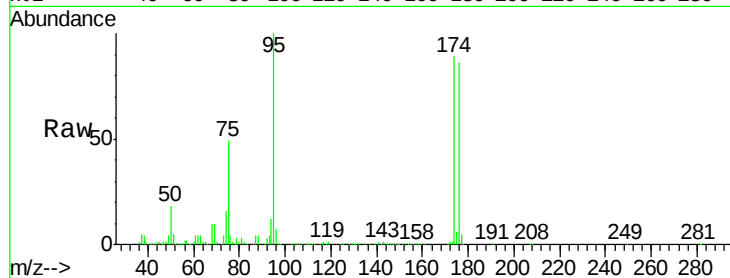
Tot Ion: 95 Resp: 619698

Ion Ratio Lower Upper

95 100

174 88.5 0.0 165.6

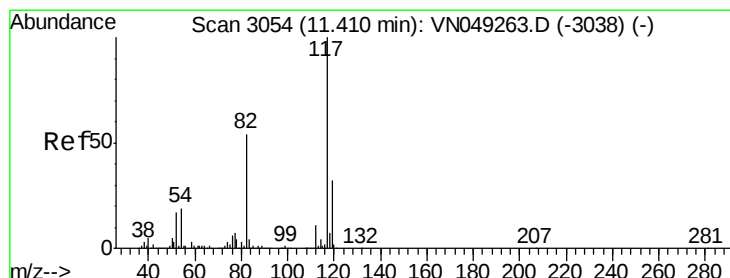
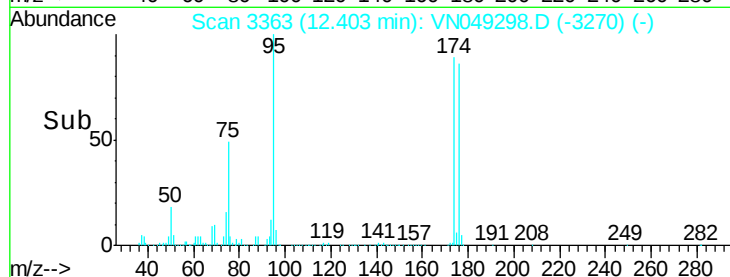
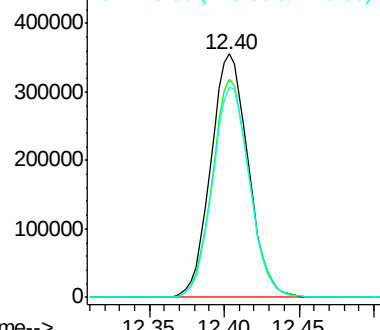
176 86.0 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049298.D

Acq: 16 Jun 2018 9:00

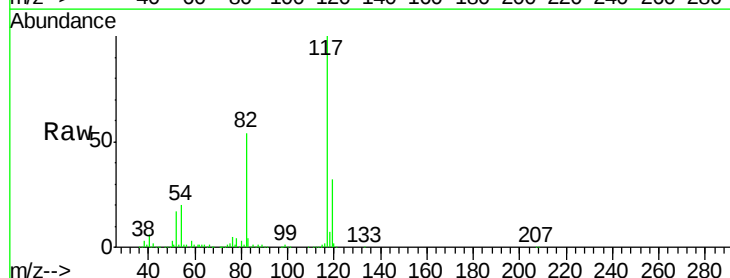
Tgt Ion: 117 Resp: 1516546

Ion Ratio Lower Upper

117 100

82 54.4 45.9 68.9

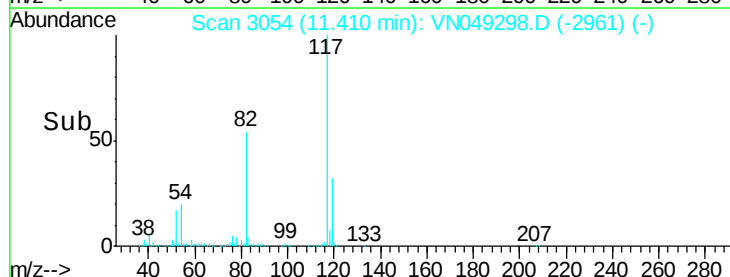
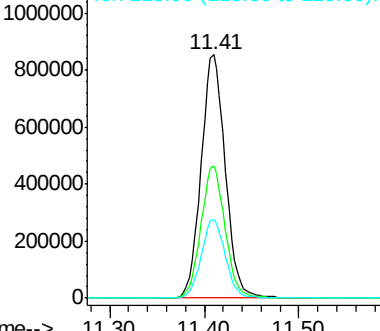
119 32.4 25.5 38.3

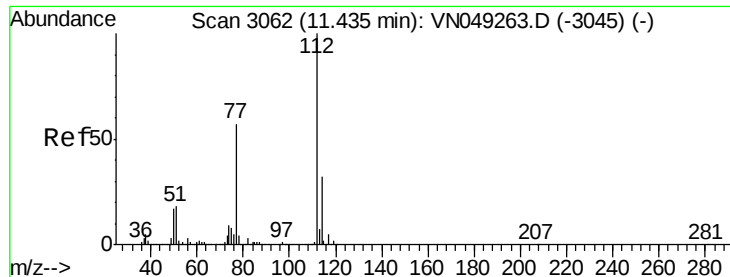


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#65

Chlorobenzene

Concen: 0.28 ug/l

RT: 11.43 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN049298.D

Acq: 16 Jun 2018 9:00

Instrument :

MSVOA_N

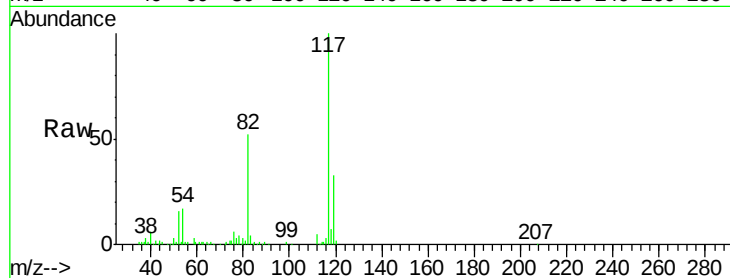
ClientSampleId :

Tot Ion:112 Resp: 11024

Ion Ratio Lower Upper

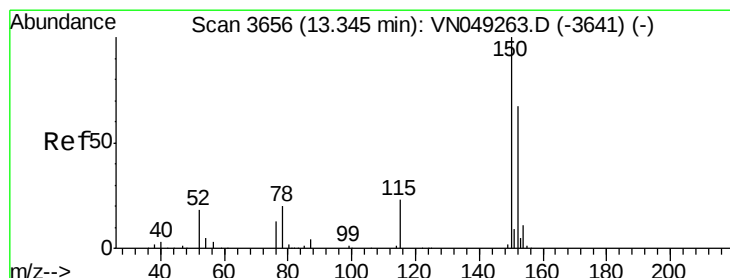
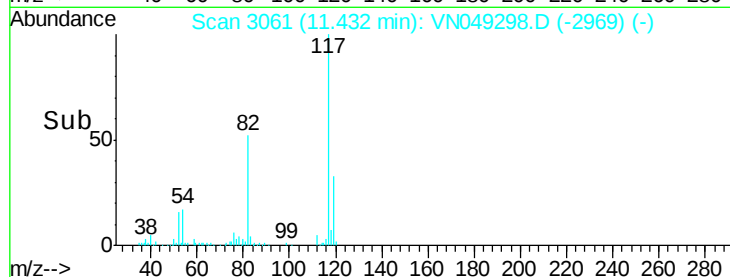
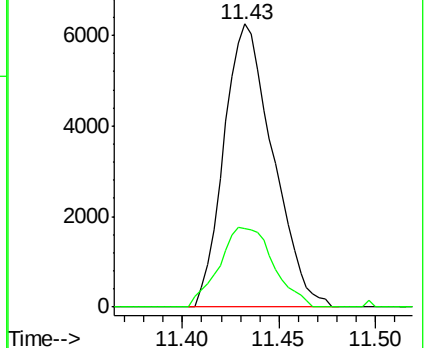
112 100

114 27.9 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# 3656

Delta R.T. 0.00 min

Lab File: VN049298.D

Acq: 16 Jun 2018 9:00

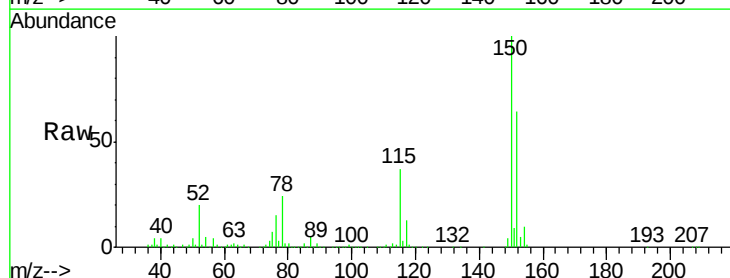
Tgt Ion:152 Resp: 438250

Ion Ratio Lower Upper

152 100

115 57.5 28.7 86.1

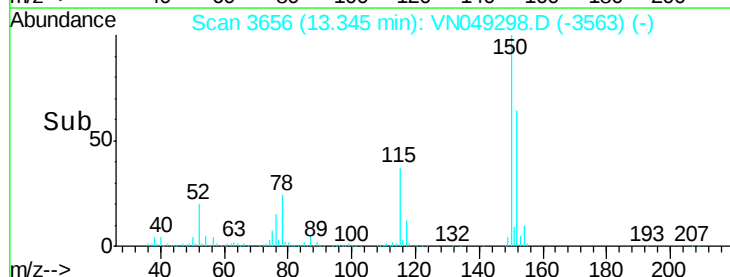
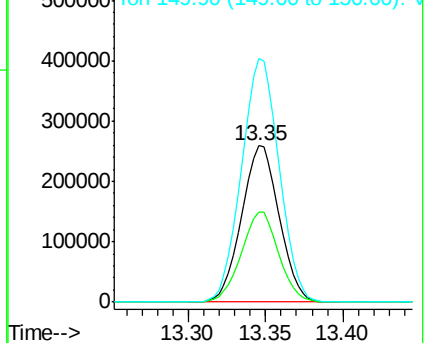
150 156.2 0.0 351.0

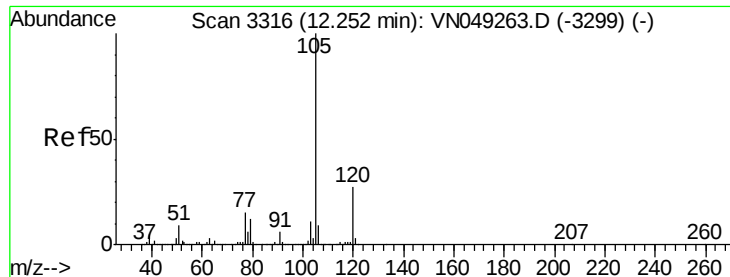


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.70 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049298.D

Acq: 16 Jun 2018 9:00

Instrument :

MSVOA_N

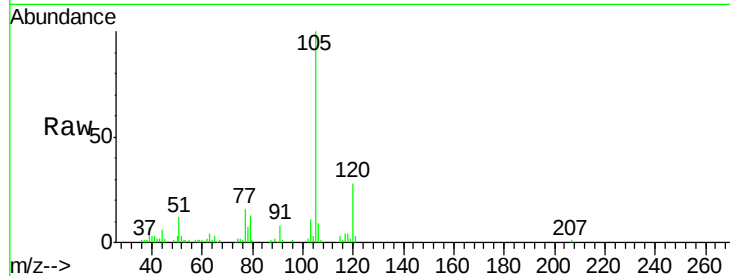
ClientSampleId :

Tot Ion:105 Resp: 65460

Ion Ratio Lower Upper

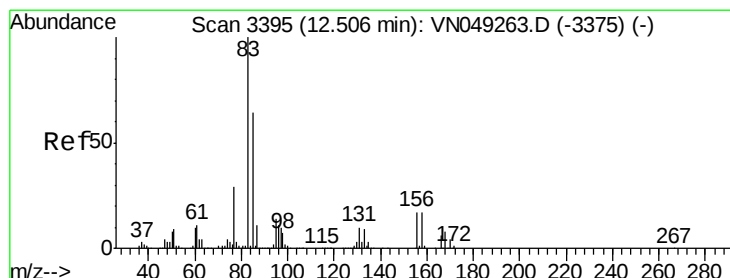
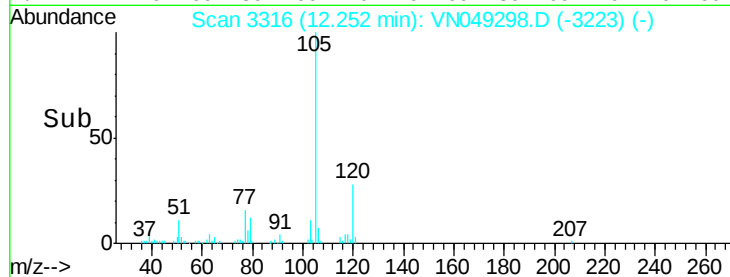
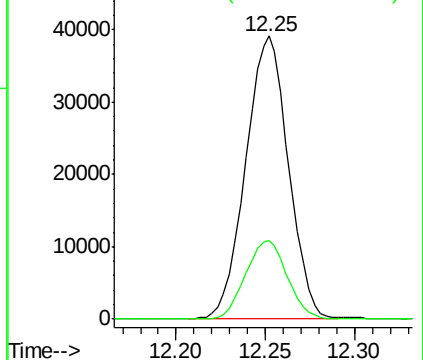
105 100

120 27.0 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.48 min Scan# 3388

Delta R.T. -0.02 min

Lab File: VN049298.D

Acq: 16 Jun 2018 9:00

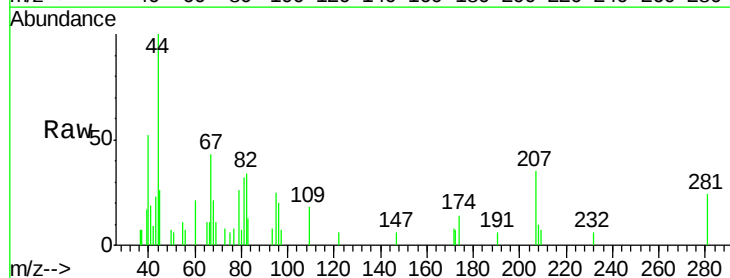
Tgt Ion: 83 Resp: 203

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

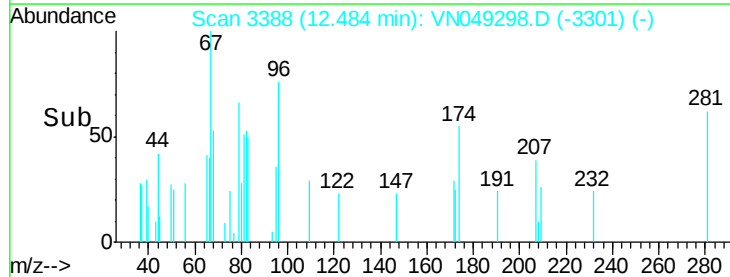
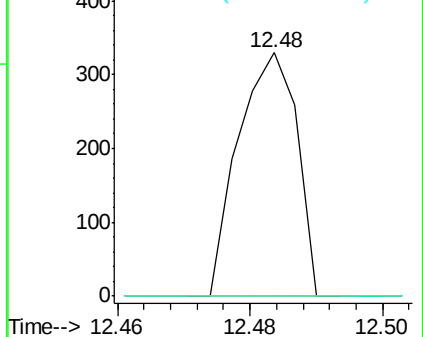
85 0.0 32.0 96.0#

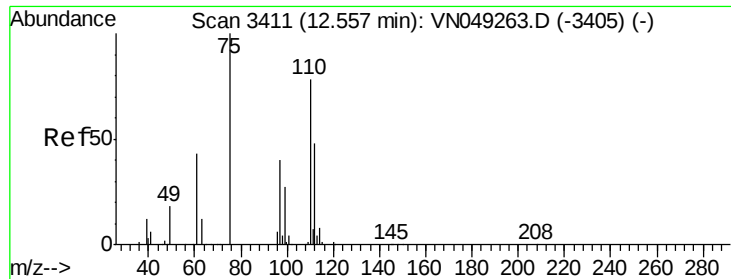


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 40.18 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049298.D

Acq: 16 Jun 2018 9:00

Instrument :

MSVOA_N

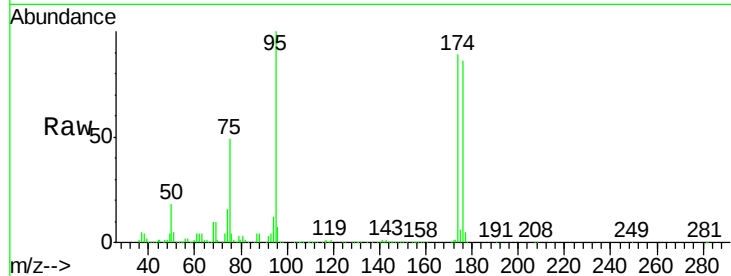
ClientSampled :

Tot Ion: 75 Resp: 300467

Ion Ratio Lower Upper

75 100

77 1.5 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

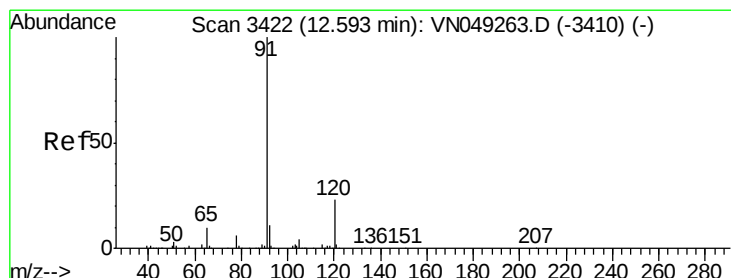
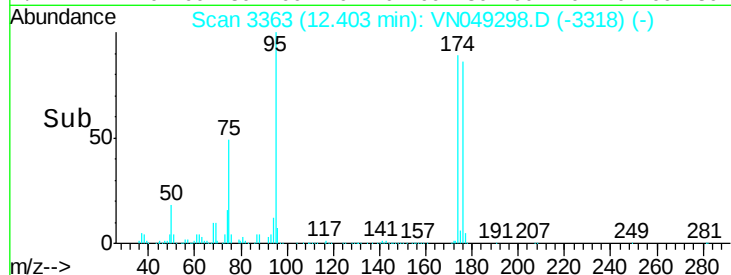
150000

100000

50000

0

Time-->



#78

n-propylbenzene

Concen: 3.61 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049298.D

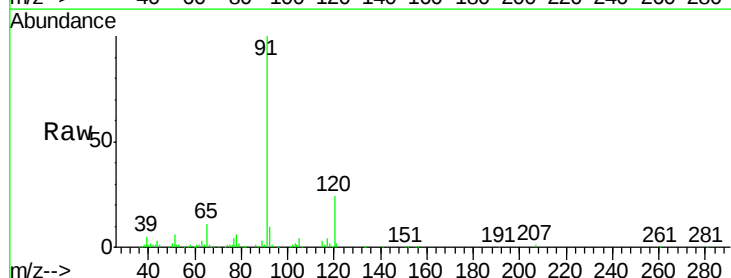
Acq: 16 Jun 2018 9:00

Tgt Ion: 91 Resp: 152719

Ion Ratio Lower Upper

91 100

120 23.1 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

100000

80000

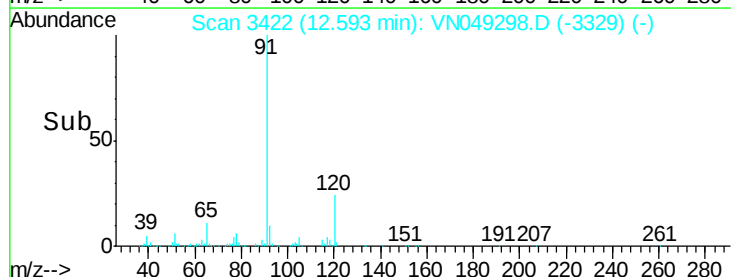
60000

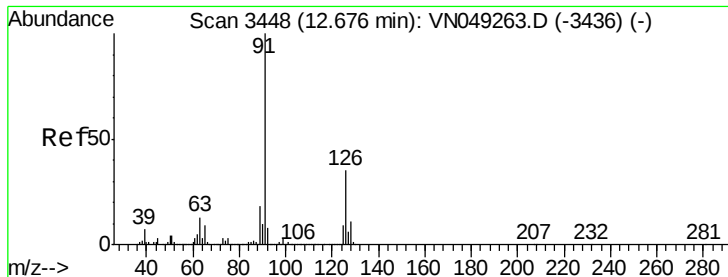
40000

20000

0

Time-->





#79

2-Chlorotoluene

Concen: 5.70 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. -0.08 min

Lab File: VN049298.D

Acq: 16 Jun 2018 9:00

Instrument :

MSVOA_N

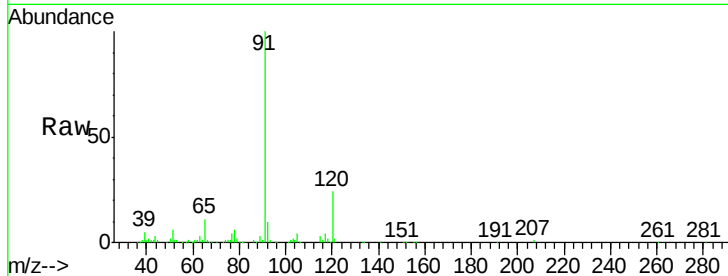
ClientSampleId :

Tot Ion: 91 Resp: 152719

Ion Ratio Lower Upper

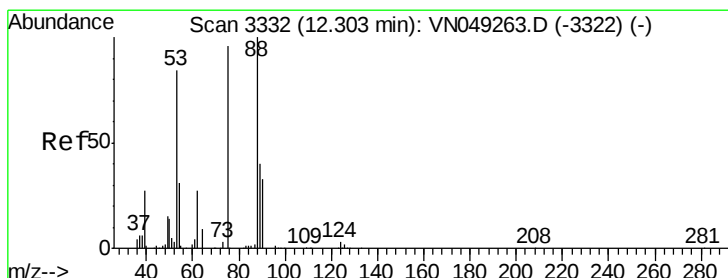
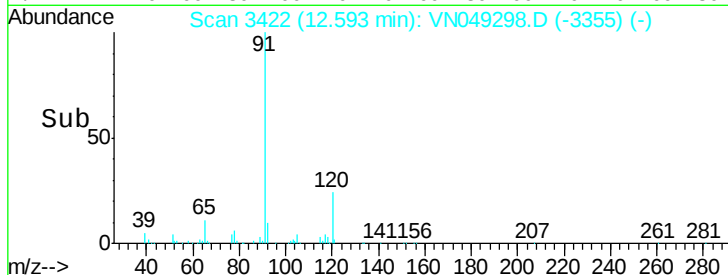
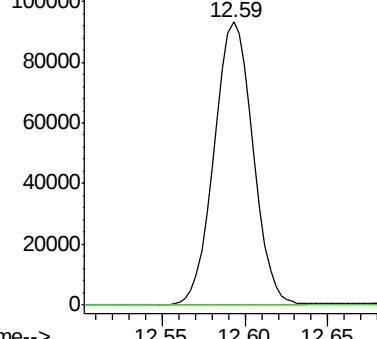
91 100

126 0.0 16.6 49.8#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V



#81

trans-1,4-Dichloro-2-butene

Concen: 127.00 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049298.D

Acq: 16 Jun 2018 9:00

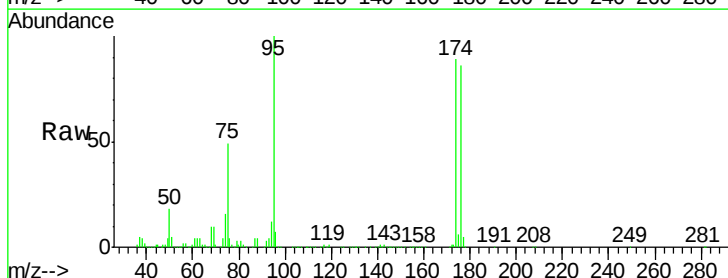
Tgt Ion: 75 Resp: 300467

Ion Ratio Lower Upper

75 100

53 0.4 82.7 124.1#

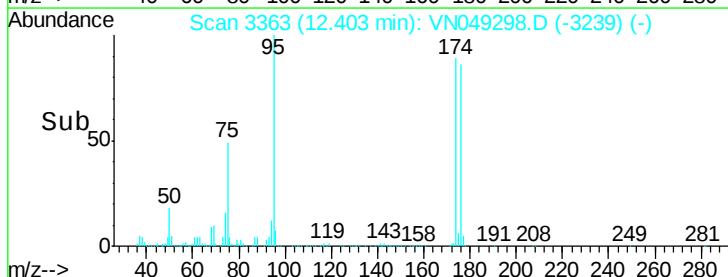
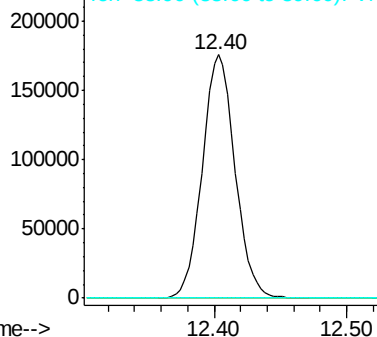
89 0.0 36.5 54.7#

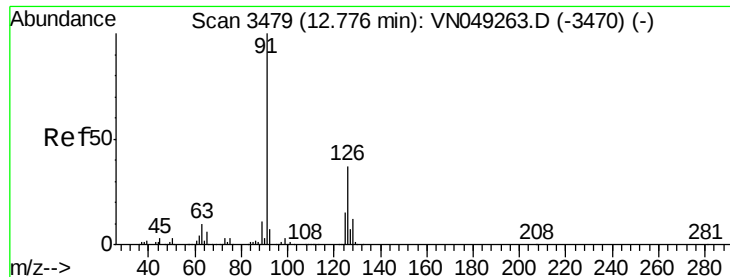


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

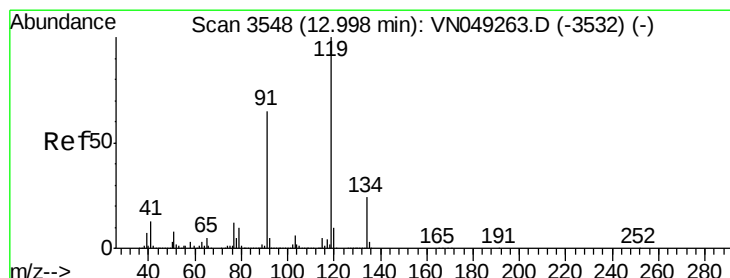
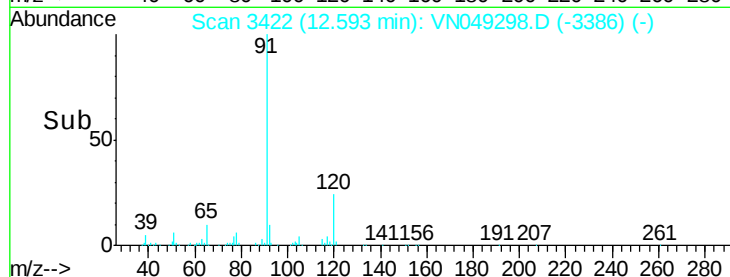
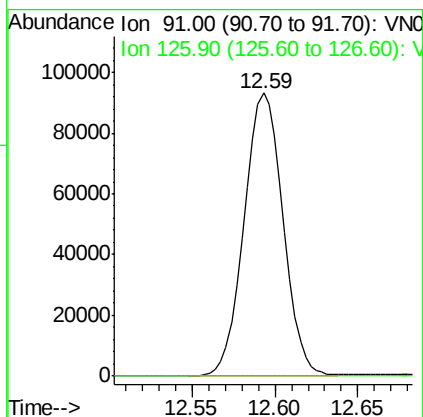
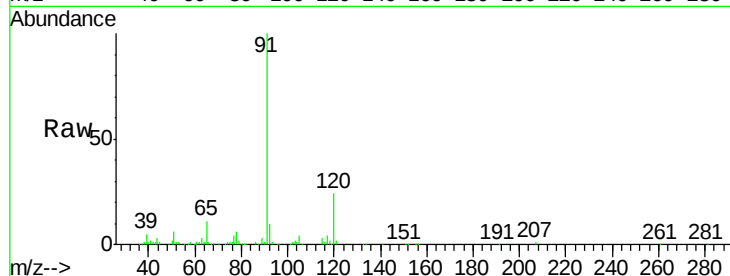




#82
4-Chlorotoluene
Concen: 5.91 ug/l
RT: 12.59 min Scan# 3422
Delta R.T. -0.18 min
Lab File: VN049298.D
Acq: 16 Jun 2018 9:00

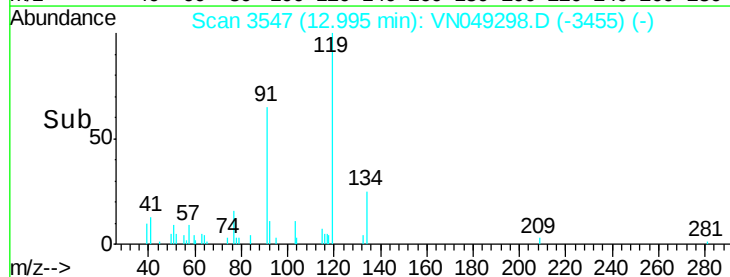
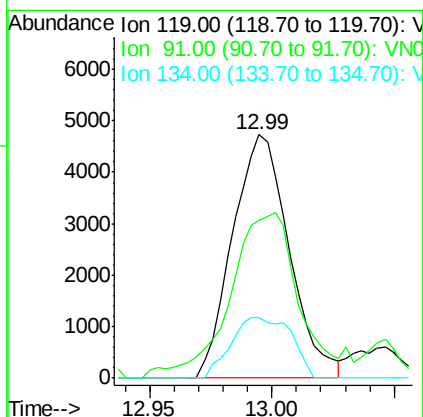
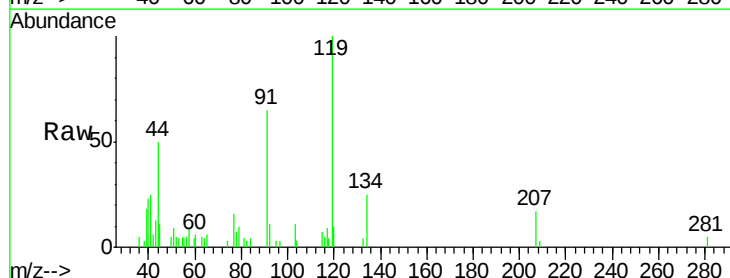
Instrument :
MSVOA_N
ClientSampled :

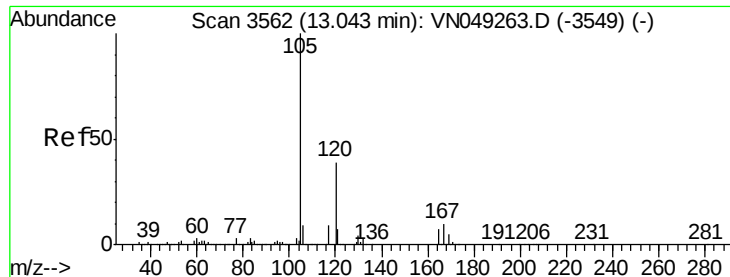
Tot Ion: 91 Resp: 152719
Ion Ratio Lower Upper
91 100
126 0.0 16.4 49.1#



#83
tert-Butylbenzene
Concen: 0.28 ug/l
RT: 12.99 min Scan# 3547
Delta R.T. -0.00 min
Lab File: VN049298.D
Acq: 16 Jun 2018 9:00

Tgt Ion: 119 Resp: 7602
Ion Ratio Lower Upper
119 100
91 81.7 33.7 101.0
134 26.6 12.9 38.6

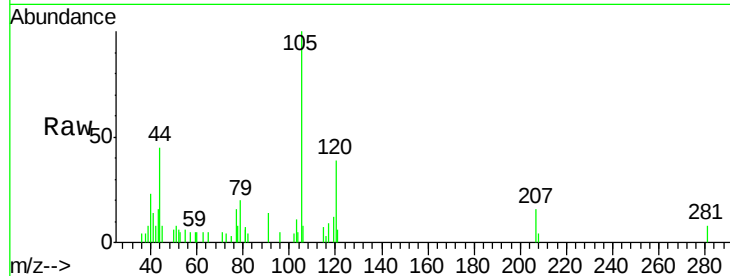




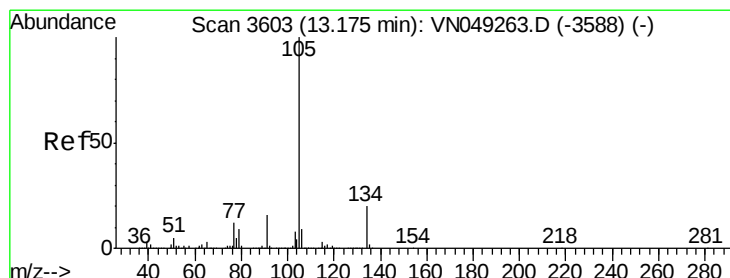
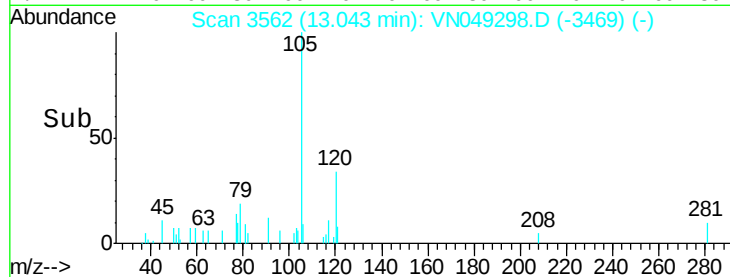
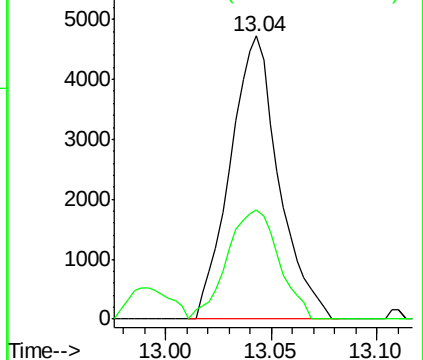
#84
 1,2,4-Trimethylbenzene
 Concen: 0.25 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN049298.D
 Acq: 16 Jun 2018 9:00

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:105 Resp: 7565
 Ion Ratio Lower Upper
 105 100
 120 41.0 22.2 66.6

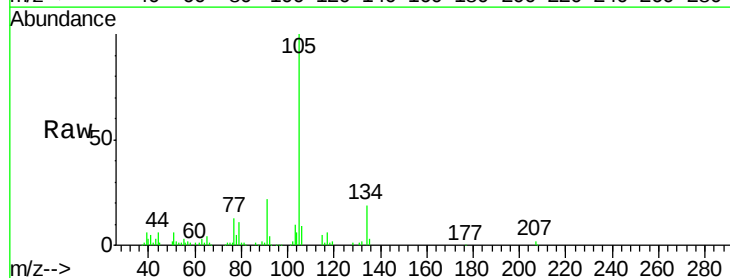


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

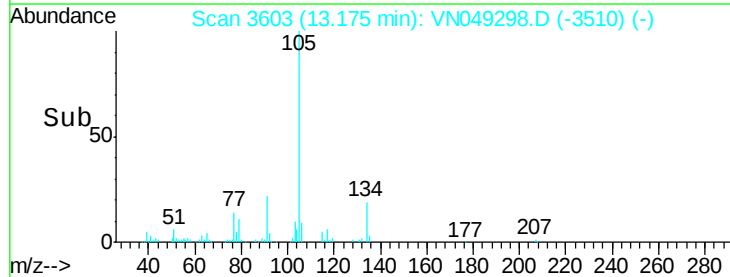
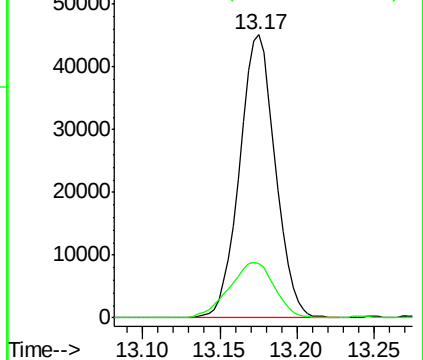


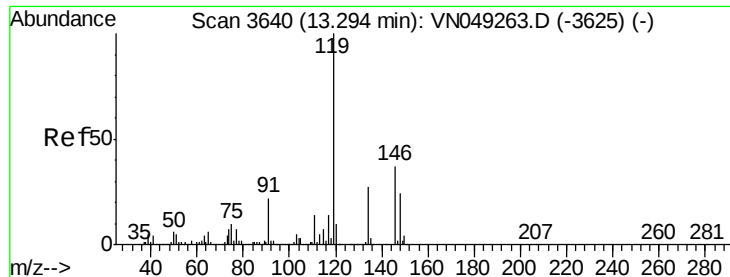
#85
 sec-Butylbenzene
 Concen: 2.04 ug/l
 RT: 13.17 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN049298.D
 Acq: 16 Jun 2018 9:00

Tgt Ion:105 Resp: 72634
 Ion Ratio Lower Upper
 105 100
 134 24.9 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

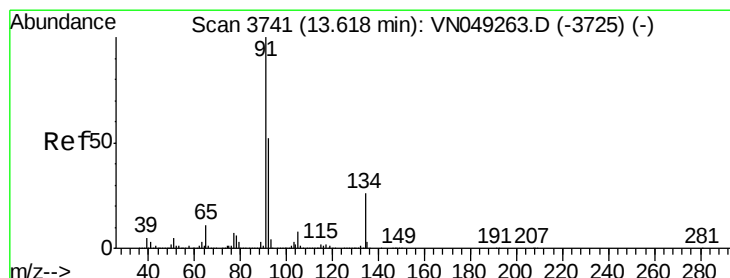
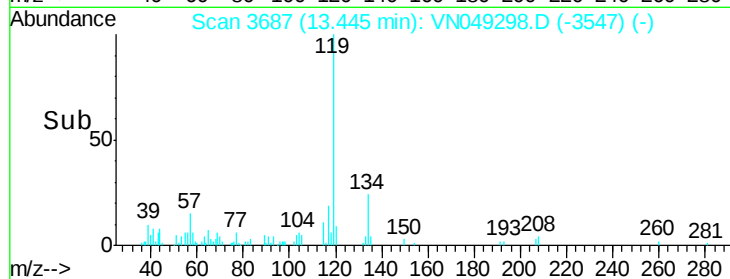
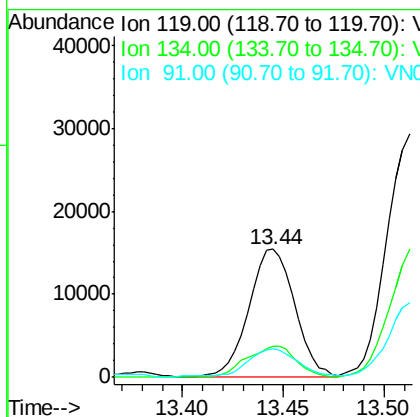
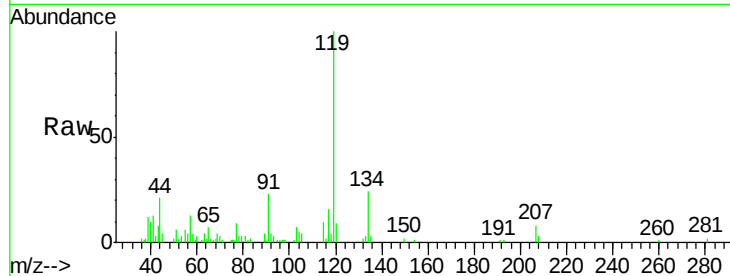




#86
 p-Isopropyltoluene
 Concen: 0.83 ug/l
 RT: 13.44 min Scan# 3687
 Delta R.T. 0.15 min
 Lab File: VN049298.D
 Acq: 16 Jun 2018 9:00

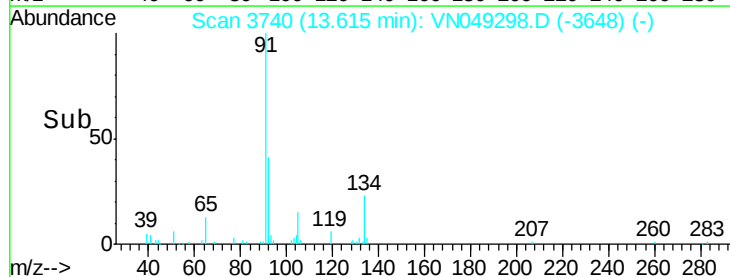
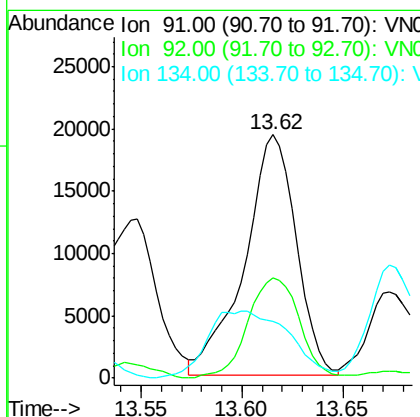
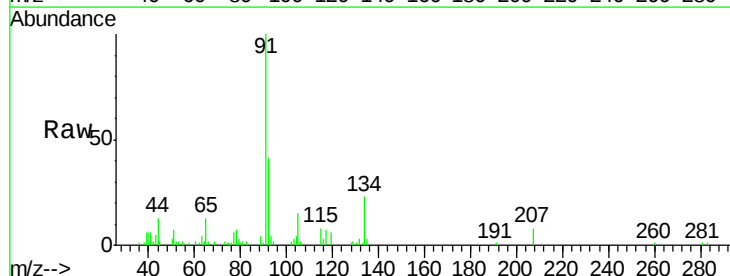
Instrument :
 MSVOA_N
 ClientSampleId :

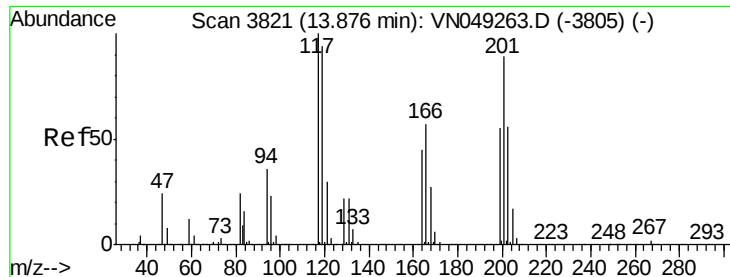
Tot Ion	Ratio	Lower	Upper
119	100		
134	26.4	12.9	38.6
91	21.3	12.1	36.3



#89
 n-Butylbenzene
 Concen: 1.48 ug/l
 RT: 13.62 min Scan# 3740
 Delta R.T. -0.00 min
 Lab File: VN049298.D
 Acq: 16 Jun 2018 9:00

Tgt Ion	Ratio	Lower	Upper
91	100		
92	41.7	25.1	75.4
134	44.3	12.0	36.0





#90

Hexachloroethane

Concen: 3.28 ug/l

RT: 13.89 min Scan# 3826

Delta R.T. 0.02 min

Lab File: VN049298.D

Acq: 16 Jun 2018 9:00

Instrument :

MSVOA_N

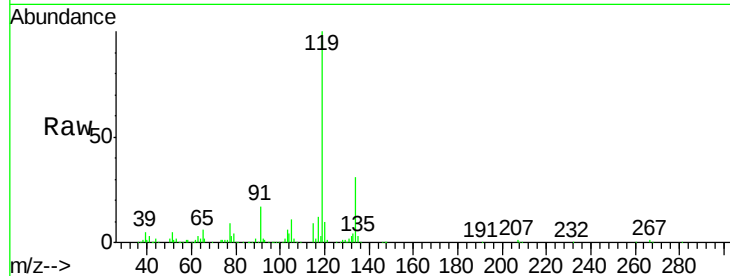
ClientSampled :

Tot Ion:117 Resp: 27453

Ion Ratio Lower Upper

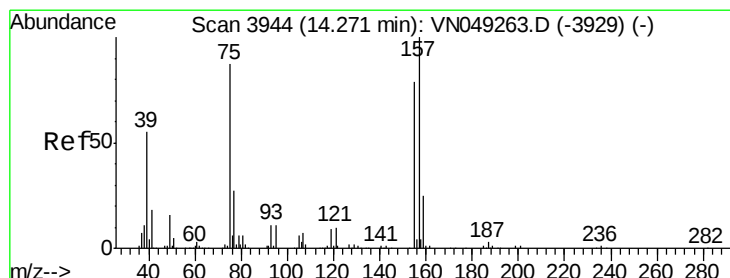
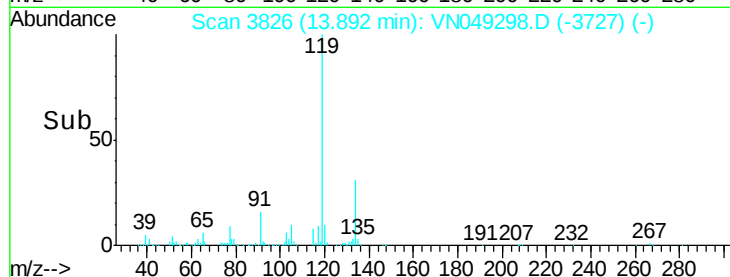
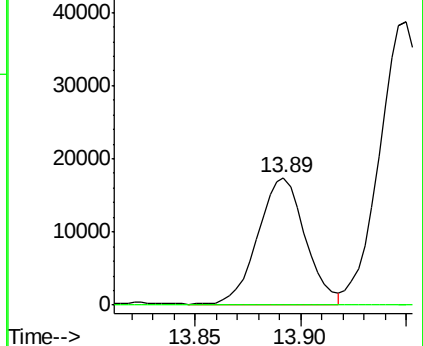
117 100

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



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.33 ug/l

RT: 14.26 min Scan# 3941

Delta R.T. -0.01 min

Lab File: VN049298.D

Acq: 16 Jun 2018 9:00

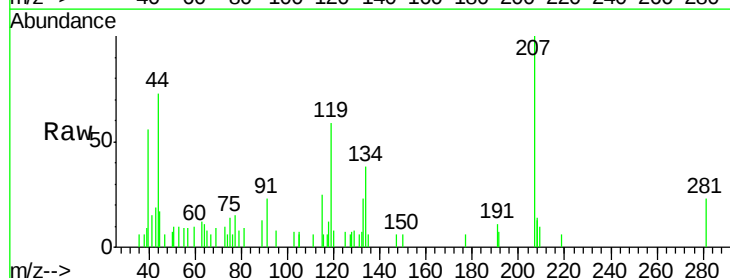
Tgt Ion: 75 Resp: 440

Ion Ratio Lower Upper

75 100

155 0.0 38.8 116.3#

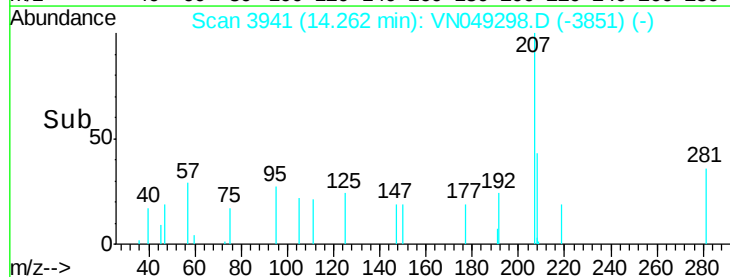
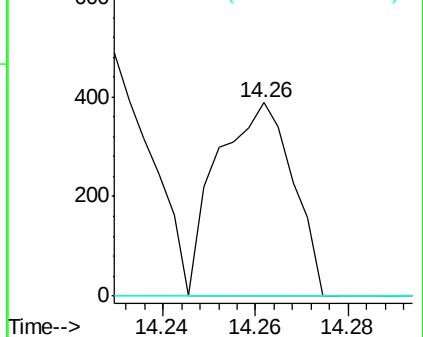
157 0.0 51.0 153.1#

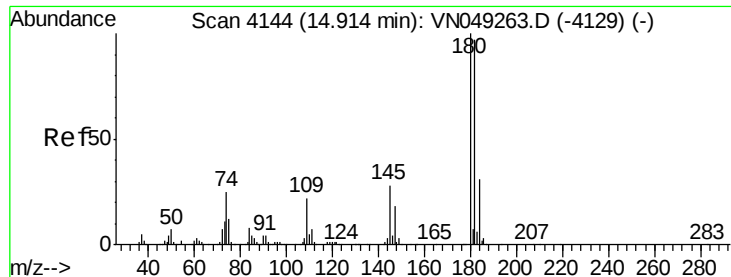


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 4.80 ug/l

RT: 14.91 min Scan# 4142

Delta R.T. -0.01 min

Lab File: VN049298.D

Acq: 16 Jun 2018 9:00

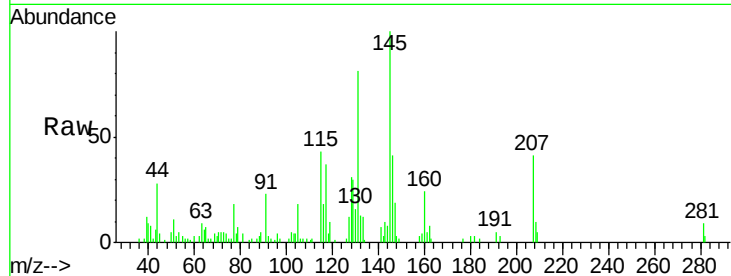
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:180 Resp: 483

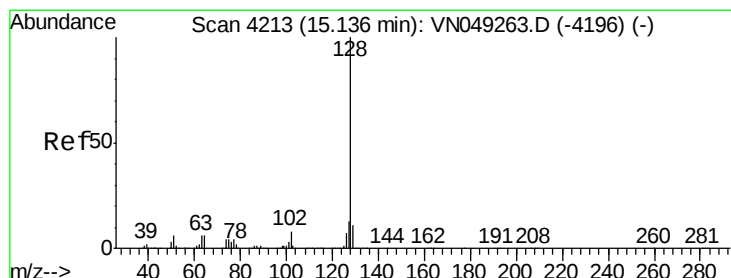
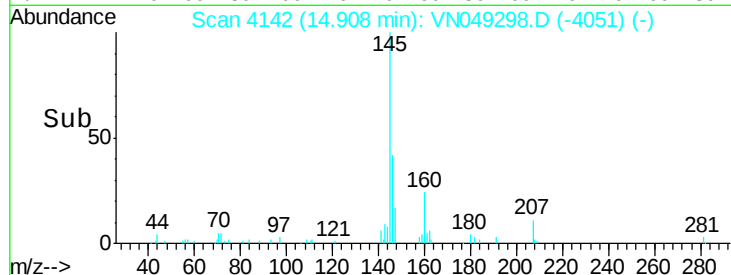
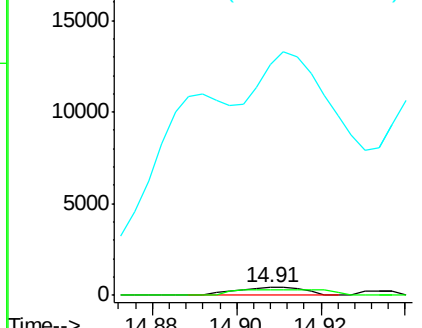
Ion	Ratio	Lower	Upper
180	100		
182	98.1	46.9	140.8
145	2341.6	14.7	44.1#



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



#95

Naphthalene

Concen: 6.34 ug/l

RT: 15.14 min Scan# 4213

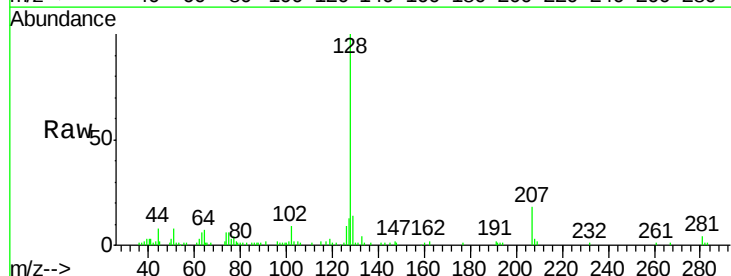
Delta R.T. 0.00 min

Lab File: VN049298.D

Acq: 16 Jun 2018 9:00

Tgt Ion:128 Resp: 52386

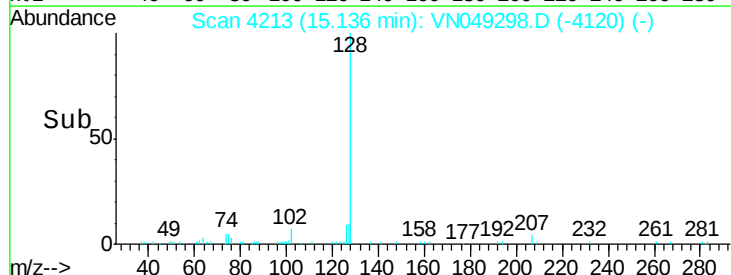
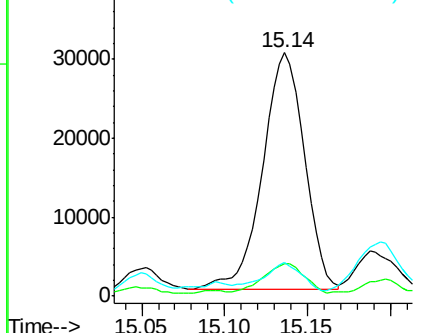
Ion	Ratio	Lower	Upper
128	100		
127	11.6	10.6	16.0
129	10.4	8.5	12.7

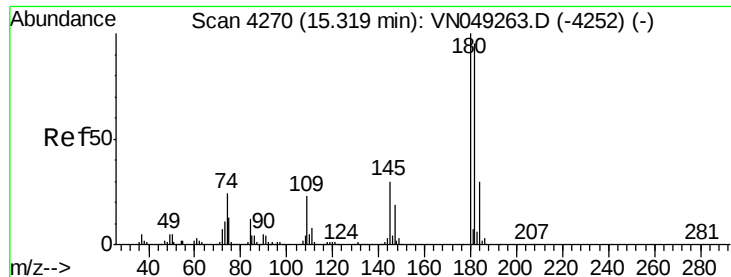


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

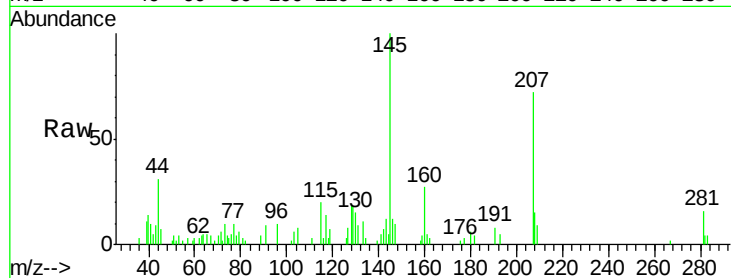




#96
 1,2,3-Trichlorobenzene
 Concen: 3.53 ug/l
 RT: 15.32 min Scan# 4271
 Delta R.T. 0.00 min
 Lab File: VN049298.D
 Acq: 16 Jun 2018 9:00

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	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

