

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062618\
 Data File : VN049551.D
 Acq On : 26 Jun 2018 14:40
 Operator : MD\SY
 Sample : J3684-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 27 01:02:27 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	1249844	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1987384	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1638756	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	694157	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	801134	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	
35) Dibromofluoromethane	7.59	113	715110	44.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.96%	
50) Toluene-d8	10.09	98	2672675	43.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.32%	
62) 4-Bromofluorobenzene	12.40	95	798951	39.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.94%	

Target Compounds

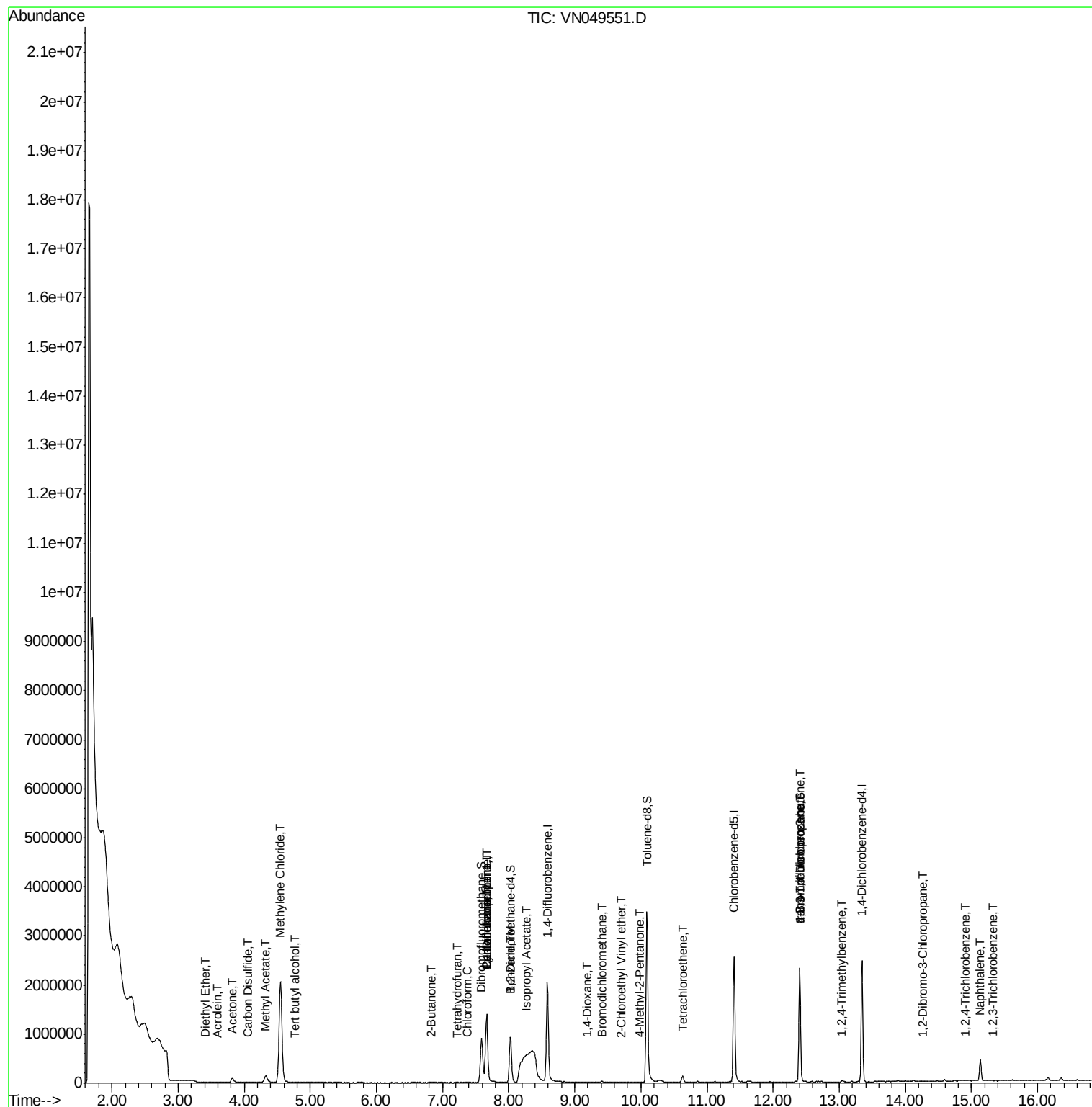
						Qvalue
8) Diethyl Ether	3.41	74	5132	0.60	ug/l	74
11) Tert butyl alcohol	4.78	59	1886	1.94	ug/l #	79
13) Acrolein	3.60	56	1990	1.95	ug/l #	66
16) Acetone	3.82	43	166625	41.40	ug/l	93
17) Carbon Disulfide	4.05	76	18111	0.40	ug/l #	91
18) Methyl Acetate	4.33	43	265842	21.66	ug/l	94
20) Methylene Chloride	4.55	84	1603235	95.37	ug/l	92
25) 2-Butanone	6.84	43	14786	2.74	ug/l	95
29) Tetrahydrofuran	7.22	42	1413	0.41	ug/l #	89
30) Chloroform	7.37	83	19665	0.68	ug/l	92
31) Cyclohexane	7.66	56	24422	0.82	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	85908	3.77	ug/l #	51
38) Carbon Tetrachloride	7.67	117	110604	4.69	ug/l #	17
40) Benzene	8.04	78	18057	0.26	ug/l #	88
43) Isopropyl Acetate	8.25	43	1004651	42.46	ug/l #	64
47) Bromodichloromethane	9.41	83	8206	0.35	ug/l #	94
49) 1,4-Dioxane	9.19	88	429	2.79	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	4920	0.40	ug/l	92
58) 2-Chloroethyl Vinyl ether	9.71	63	64	14.34	ug/l #	51
64) Tetrachloroethene	10.63	164	32092	1.91	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.51	83	201	Below	Cal #	42
76) 1,2,3-Trichloropropane	12.40	75	385921	32.58	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	385921	102.98	ug/l #	9
84) 1,2,4-Trimethylbenzene	13.04	105	23375	0.49	ug/l	90
90) Hexachloroethane	13.89	117	862	Below	Cal #	9
92) 1,2-Dibromo-3-Chloropropan	14.27	75	499	0.24	ug/l #	4
93) 1,2,4-Trichlorobenzene	14.91	180	1762	4.88	ug/l #	54
94) Hexachlorobutadiene	15.01	225	322	Below	Cal	82
95) Naphthalene	15.13	128	378776	20.73	ug/l	99
96) 1,2,3-Trichlorobenzene	15.33	180	1786	3.60	ug/l #	79

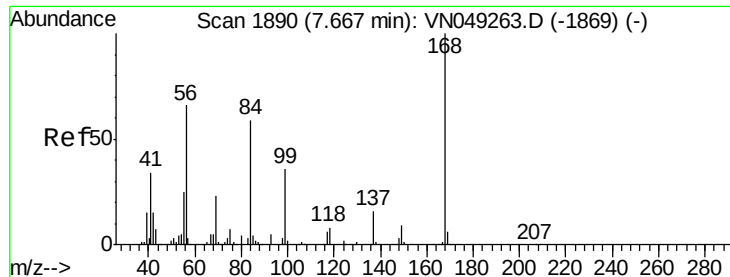
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1890

Delta R.T. 0.00 min

Lab File: VN049551.D

Acq: 26 Jun 2018 14:40

Instrument :

MSVOA_N

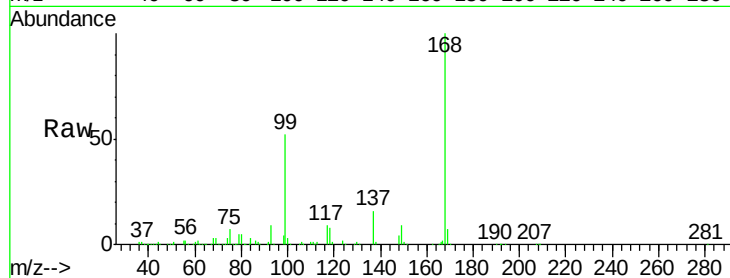
ClientSampleId :

Tot Ion:168 Resp: 1249844

Ion Ratio Lower Upper

168 100

99 51.5 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): VN049263.D (-1869) (-)

Ion 98.90 (98.60 to 99.60): VN049263.D (-1869) (-)

7.67

500000

400000

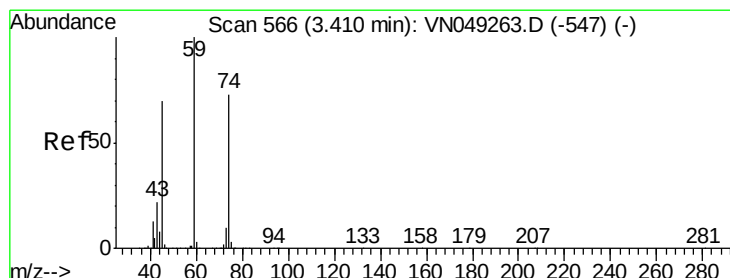
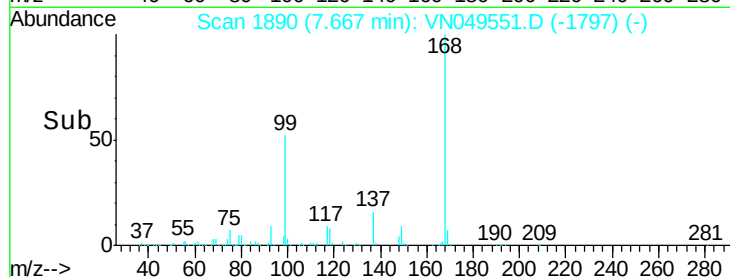
300000

200000

100000

0

Time-->



#8

Diethyl Ether

Concen: 0.60 ug/l

RT: 3.41 min Scan# 566

Delta R.T. 0.00 min

Lab File: VN049551.D

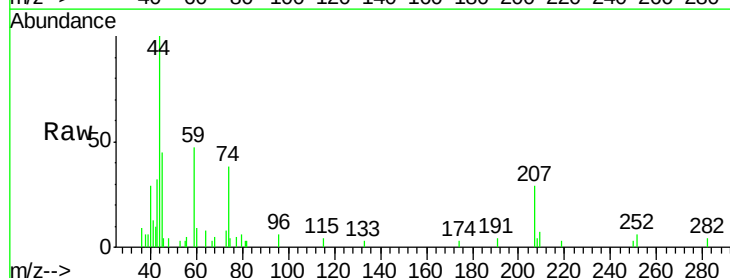
Acq: 26 Jun 2018 14:40

Tgt Ion: 74 Resp: 5132

Ion Ratio Lower Upper

74 100

45 77.4 51.9 155.8



Abundance Ion 74.00 (73.70 to 74.70): VN049263.D (-547) (-)

Ion 45.00 (44.70 to 45.70): VN049263.D (-547) (-)

3.41

3000

2500

2000

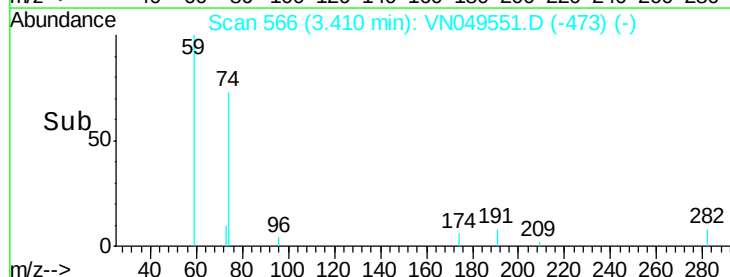
1500

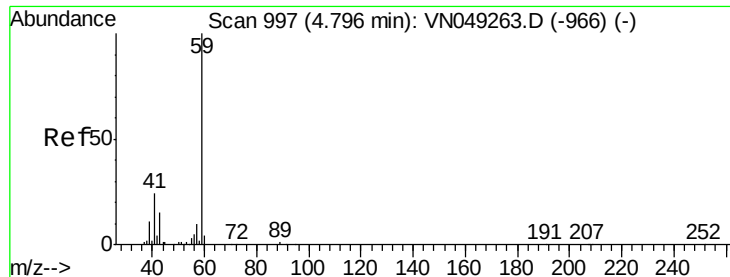
1000

500

0

Time-->

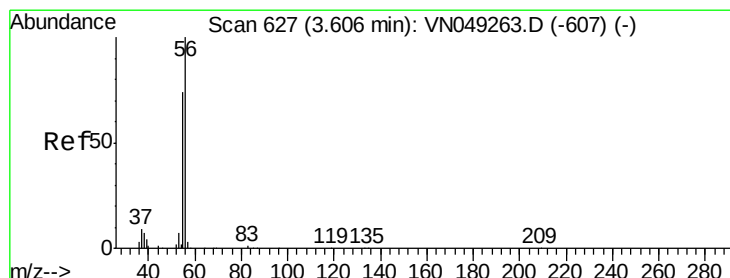
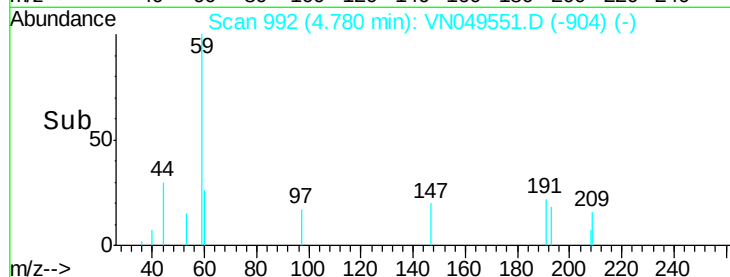
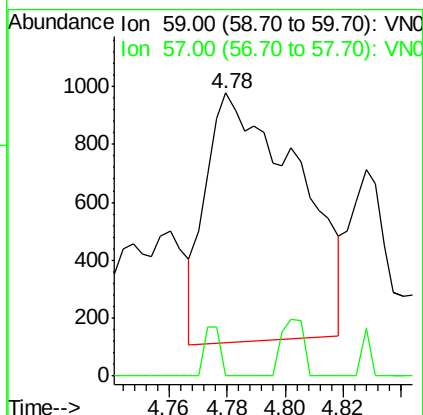
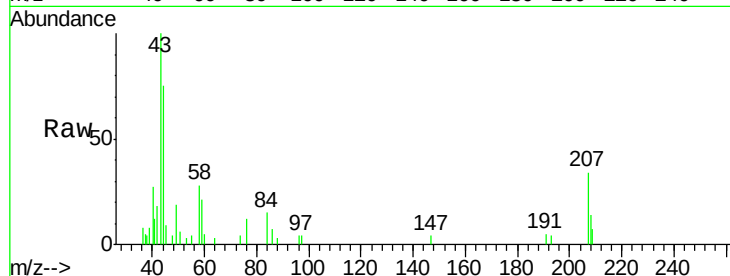




#11
Tert butyl alcohol
Concen: 1.94 ug/l
RT: 4.78 min Scan# 992
Delta R.T. -0.02 min
Lab File: VN049551.D
Acq: 26 Jun 2018 14:40

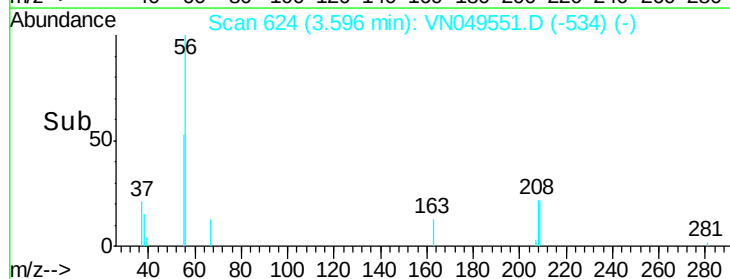
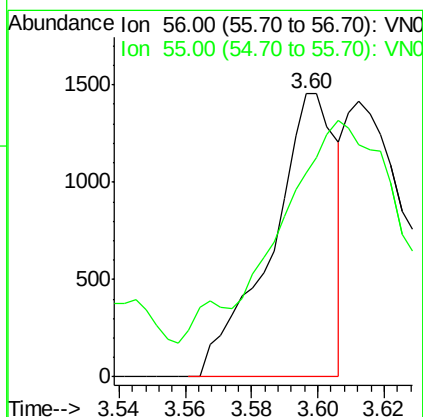
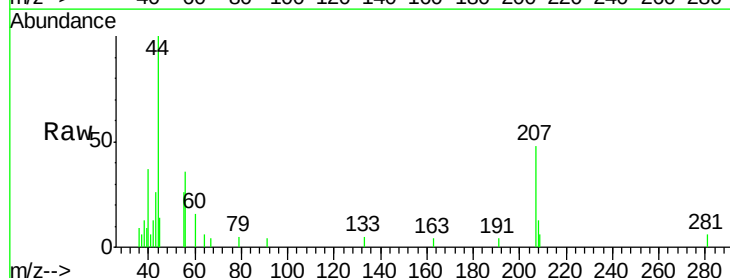
Instrument :
MSVOA_N
ClientSampled :

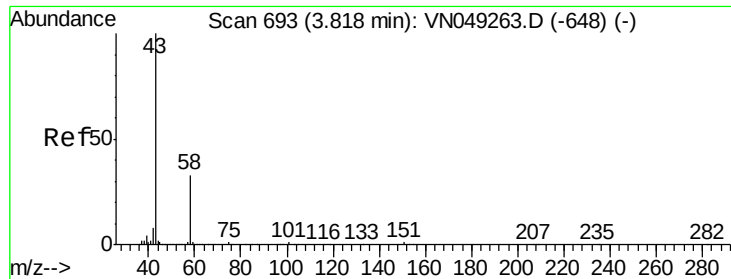
Tot Ion: 59 Resp: 1886
Ion Ratio Lower Upper
59 100
57 3.4 9.0 13.6#



#13
Acrolein
Concen: 1.95 ug/l
RT: 3.60 min Scan# 624
Delta R.T. -0.01 min
Lab File: VN049551.D
Acq: 26 Jun 2018 14:40

Tgt Ion: 56 Resp: 1990
Ion Ratio Lower Upper
56 100
55 99.2 57.1 85.7#





#16

Acetone

Concen: 41.40 ug/l

RT: 3.82 min Scan# 693

Delta R.T. 0.00 min

Lab File: VN049551.D

Acq: 26 Jun 2018 14:40

Instrument :

MSVOA_N

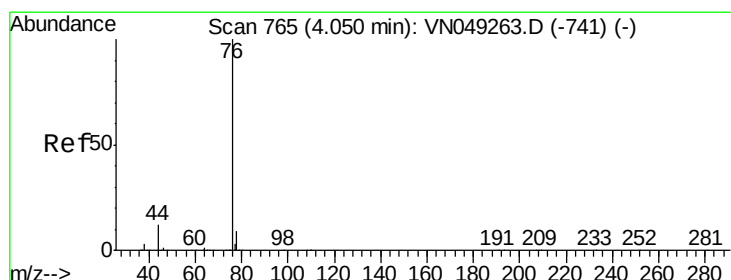
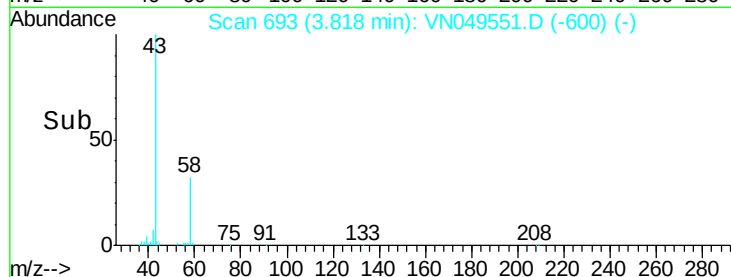
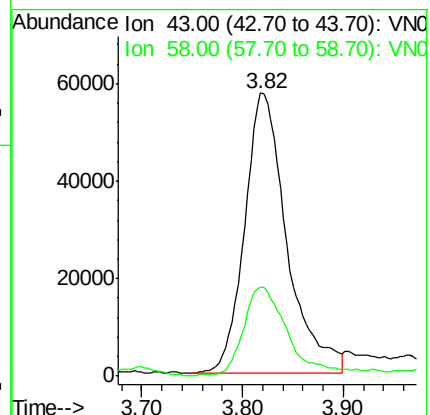
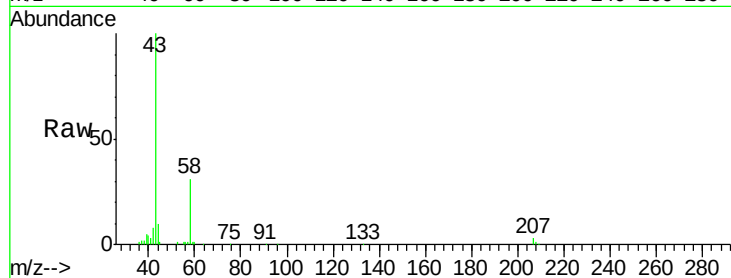
ClientSampleId :

Tot Ion: 43 Resp: 166625

Ion Ratio Lower Upper

43 100

58 31.8 22.4 33.6



#17

Carbon Disulfide

Concen: 0.40 ug/l

RT: 4.05 min Scan# 764

Delta R.T. -0.00 min

Lab File: VN049551.D

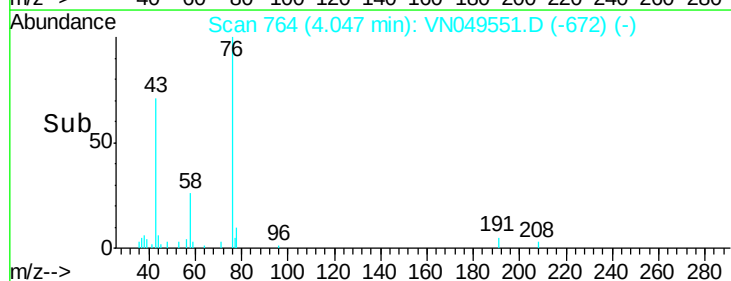
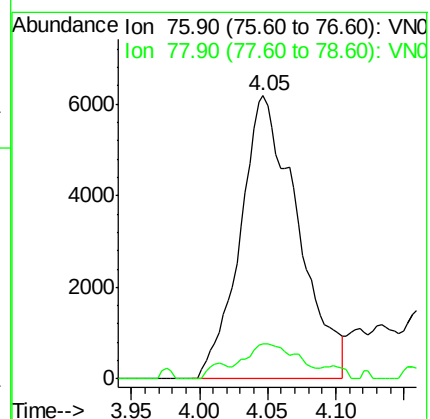
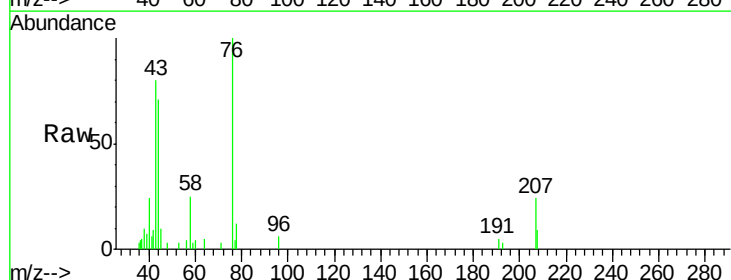
Acq: 26 Jun 2018 14:40

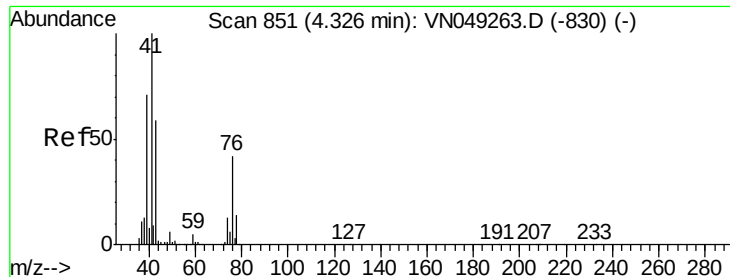
Tgt Ion: 76 Resp: 18111

Ion Ratio Lower Upper

76 100

78 12.3 7.4 11.0#

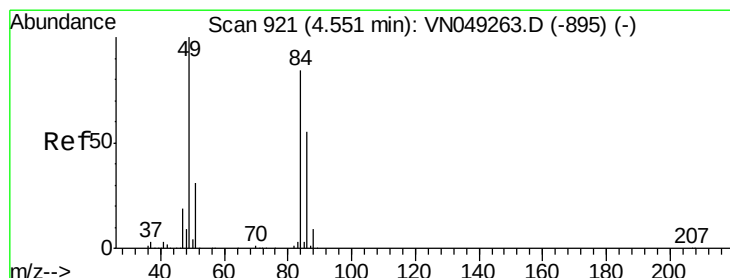
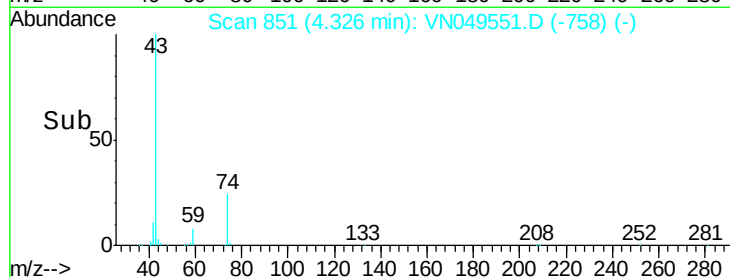
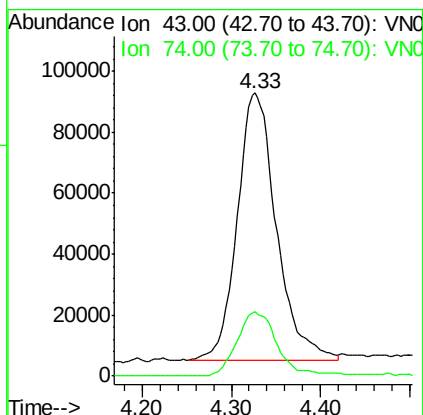
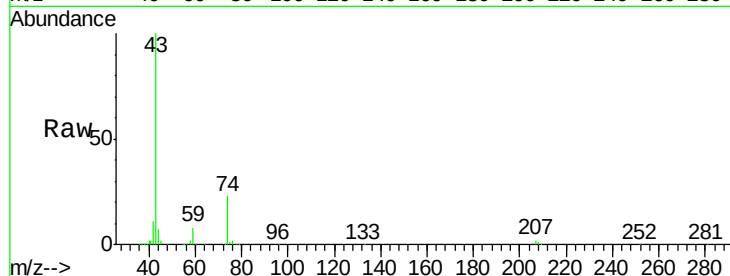




#18
Methvl Acetate
Concen: 21.66 ug/l
RT: 4.33 min Scan# 851
Delta R.T. 0.00 min
Lab File: VN049551.D
Acq: 26 Jun 2018 14:40

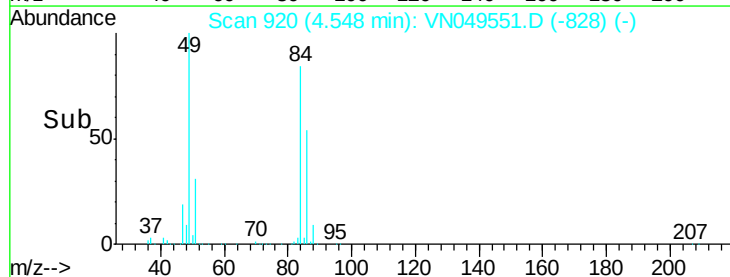
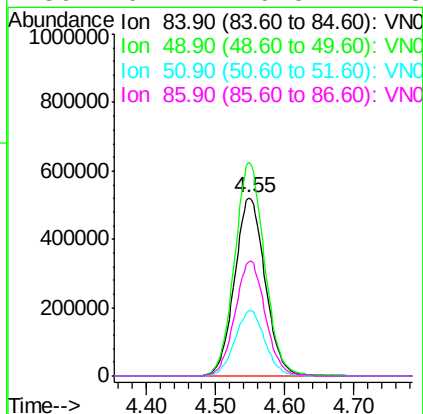
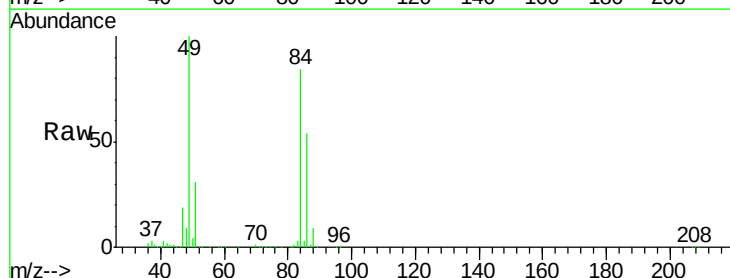
Instrument :
MSVOA_N
ClientSampleId :

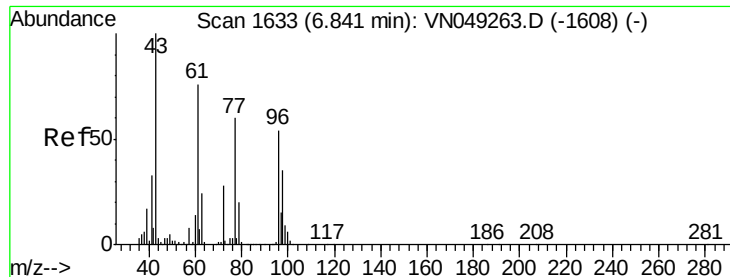
Tot Ion: 43 Resp: 265842
Ion Ratio Lower Upper
43 100
74 24.6 17.4 26.0



#20
Methylene Chloride
Concen: 95.37 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049551.D
Acq: 26 Jun 2018 14:40

Tgt Ion: 84 Resp: 1603235
Ion Ratio Lower Upper
84 100
49 119.7 106.9 160.3
51 36.5 32.7 49.1
86 64.2 49.8 74.8

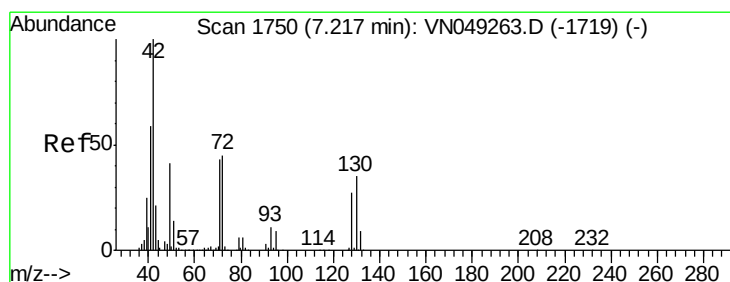
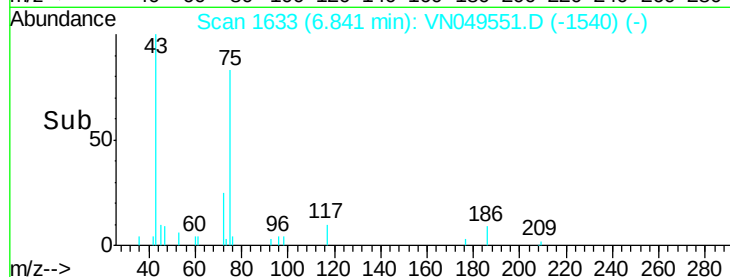
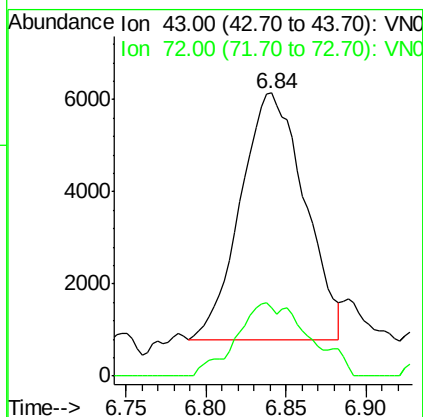
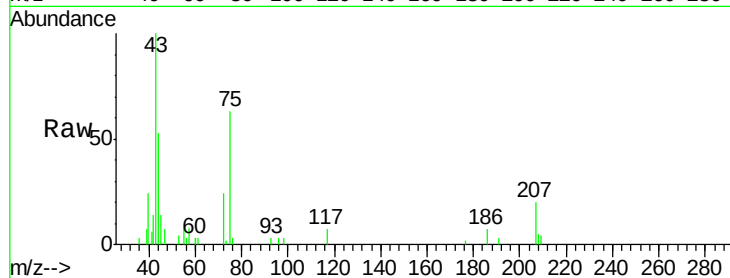




#25
2-Butanone
Concen: 2.74 ug/l
RT: 6.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VN049551.D
Acq: 26 Jun 2018 14:40

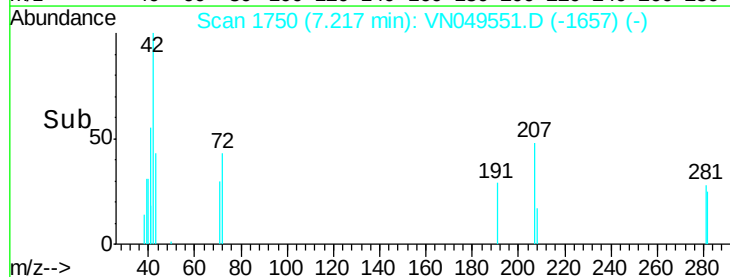
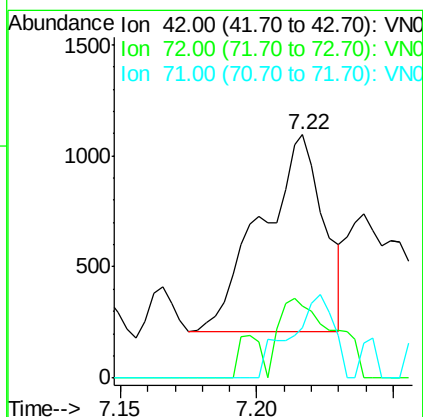
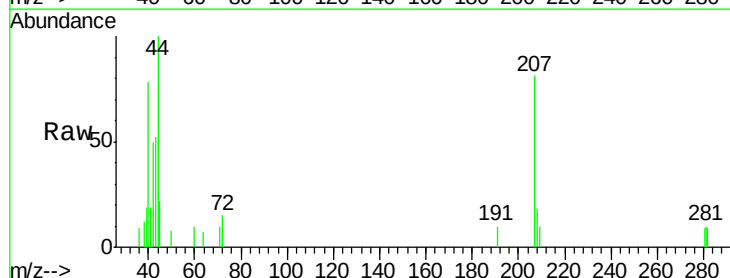
Instrument :
MSVOA_N
ClientSampleId :

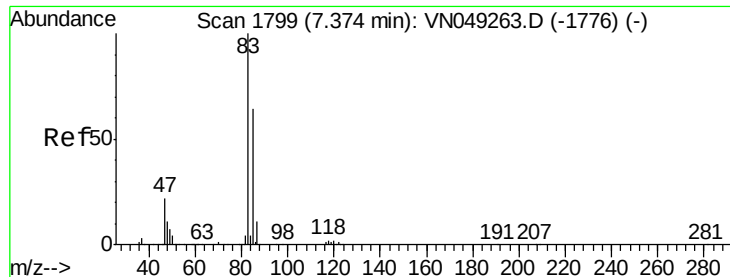
Tot Ion: 43 Resp: 14786
Ion Ratio Lower Upper
43 100
72 27.7 20.2 30.2



#29
Tetrahydrofuran
Concen: 0.41 ug/l
RT: 7.22 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VN049551.D
Acq: 26 Jun 2018 14:40

Tgt Ion: 42 Resp: 1413
Ion Ratio Lower Upper
42 100
72 35.5 32.2 48.4
71 29.1 30.5 45.7#

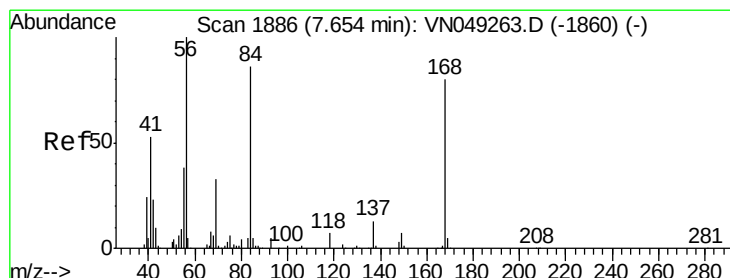
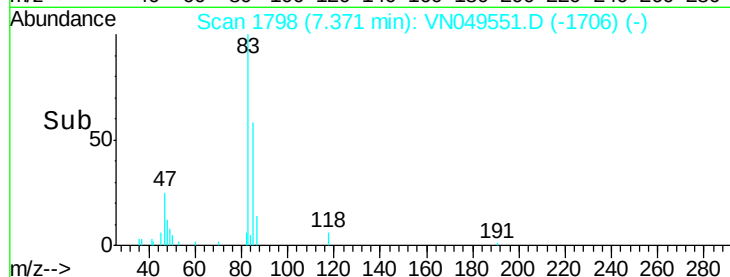
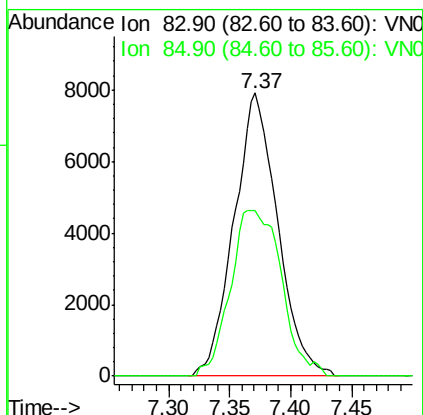
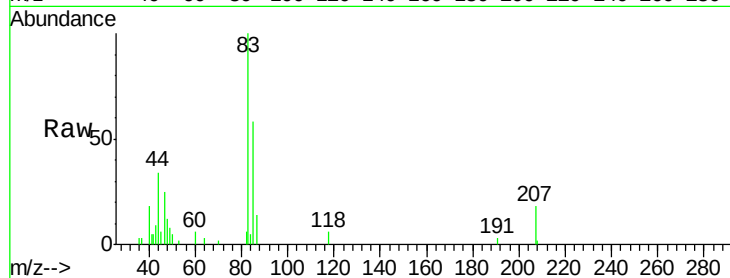




#30
Chloroform
Concen: 0.68 ug/l
RT: 7.37 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VN049551.D
Acq: 26 Jun 2018 14:40

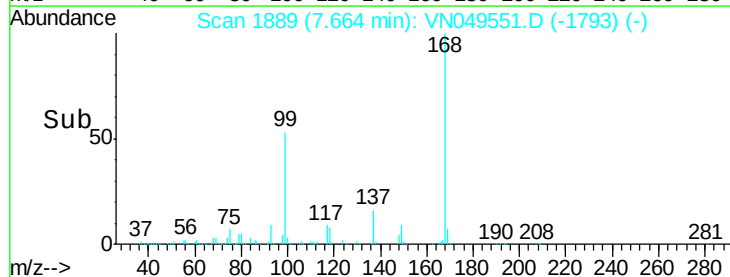
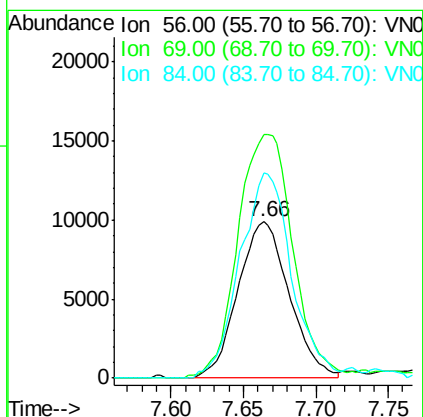
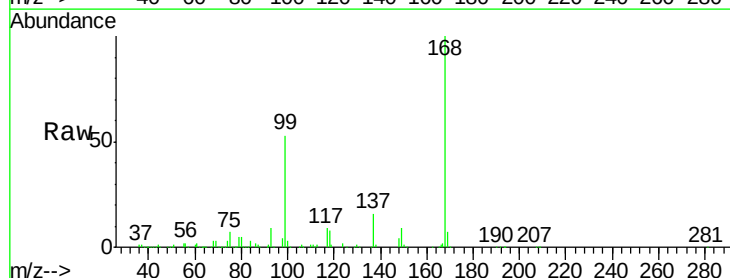
Instrument :
MSVOA_N
ClientSampleId :

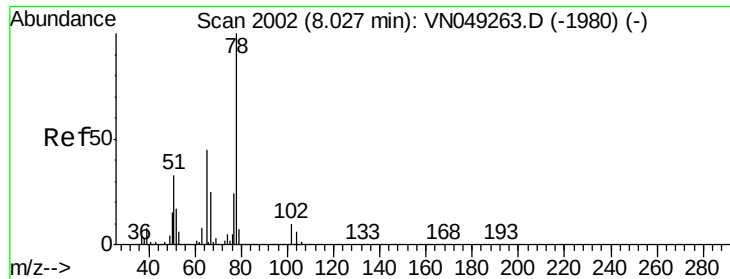
Tot Ion: 83 Resp: 19665
Ion Ratio Lower Upper
83 100
85 58.5 51.7 77.5



#31
Cyclohexane
Concen: 0.82 ug/l
RT: 7.66 min Scan# 1889
Delta R.T. 0.01 min
Lab File: VN049551.D
Acq: 26 Jun 2018 14:40

Tgt Ion: 56 Resp: 24422
Ion Ratio Lower Upper
56 100
69 154.1 25.0 37.4#
84 131.0 64.6 96.8#





#33

1,2-Dichloroethane-d4

Concen: 48.33 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. 0.00 min

Lab File: VN049551.D

Acq: 26 Jun 2018 14:40

Instrument :

MSVOA_N

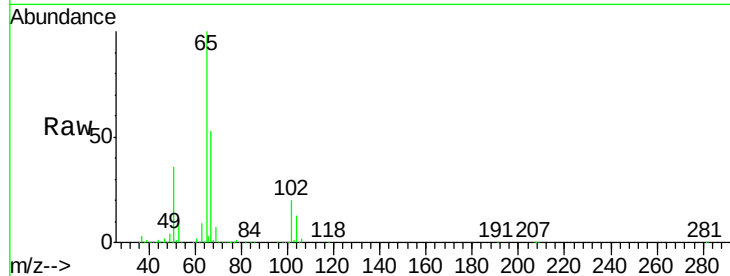
ClientSampleId :

Tot Ion: 65 Resp: 801134

Ion Ratio Lower Upper

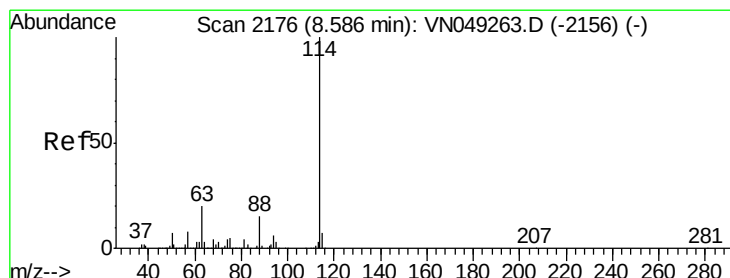
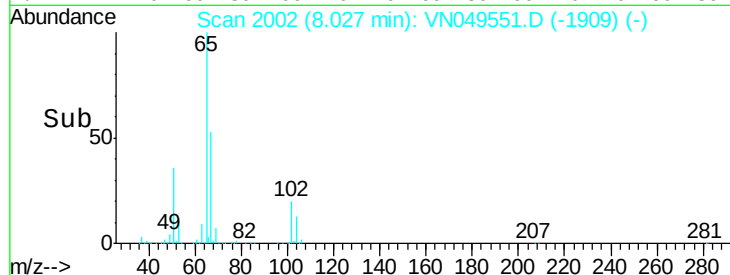
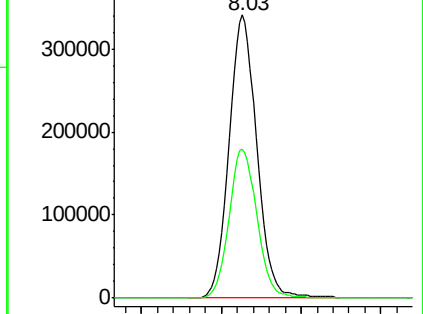
65 100

67 53.0 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN049263.D (-1980) (-)

Ion 66.90 (66.60 to 67.60): VN049263.D (-1980) (-)



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049551.D

Acq: 26 Jun 2018 14:40

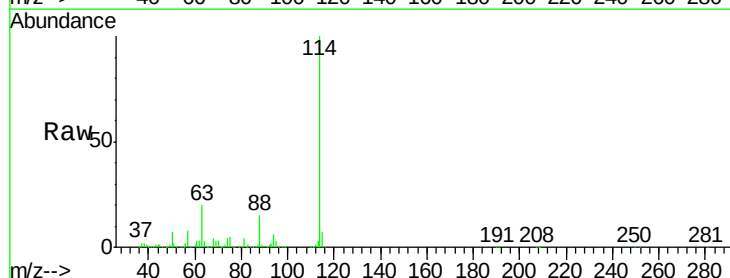
Tgt Ion: 114 Resp: 1987384

Ion Ratio Lower Upper

114 100

63 20.3 0.0 44.4

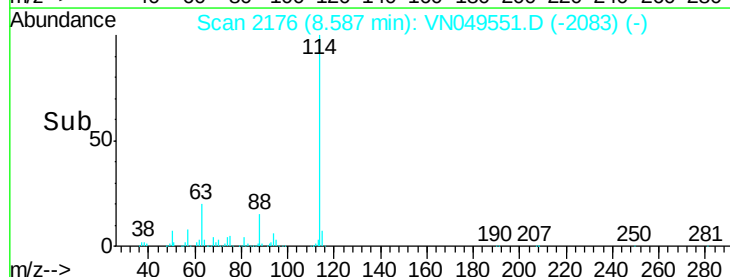
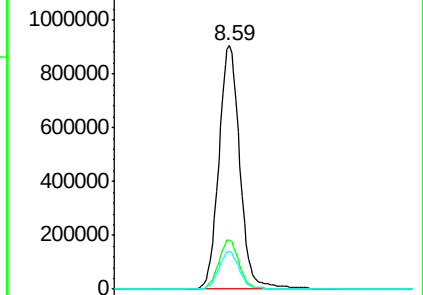
88 15.4 0.0 31.4

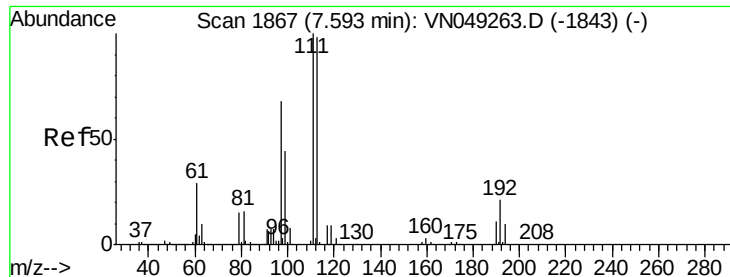


Abundance Ion 113.90 (113.60 to 114.60): VN049263.D (-2156) (-)

Ion 63.00 (62.70 to 63.70): VN049263.D (-2156) (-)

Ion 87.90 (87.60 to 88.60): VN049263.D (-2156) (-)





#35

Dibromofluoromethane

Concen: 44.48 ug/l

RT: 7.59 min Scan# 1866

Delta R.T. -0.00 min

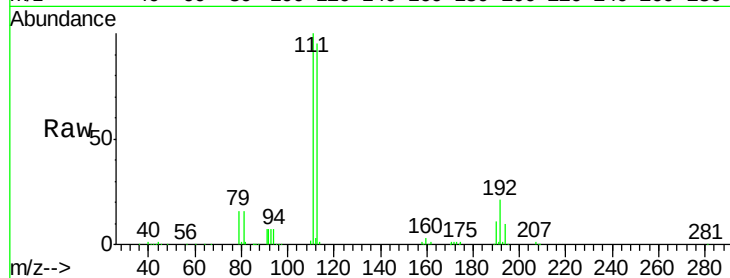
Lab File: VN049551.D

Acq: 26 Jun 2018 14:40

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:113 Resp: 715110

Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.4	123.6
192	22.1	15.0	22.6

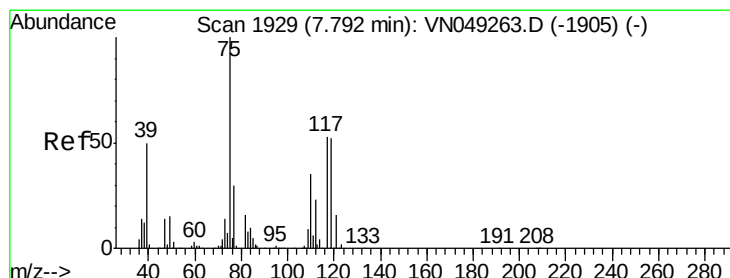
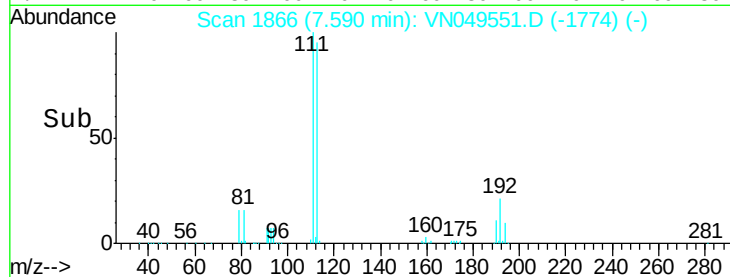
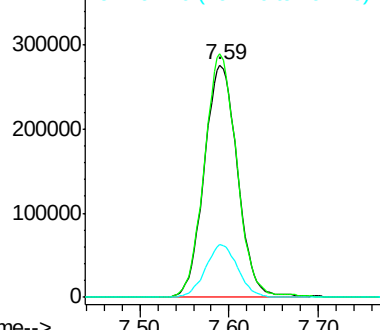


Abundance

Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 3.77 ug/l

RT: 7.67 min Scan# 1890

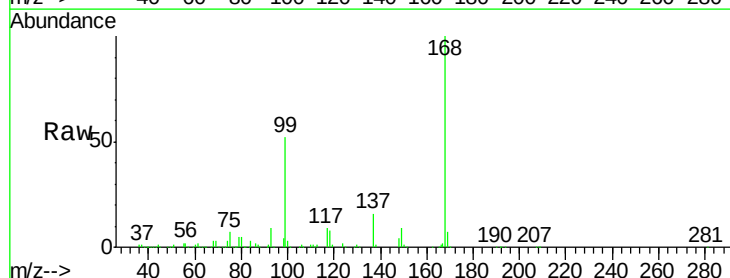
Delta R.T. -0.13 min

Lab File: VN049551.D

Acq: 26 Jun 2018 14:40

Tgt Ion: 75 Resp: 85908

Ion	Ratio	Lower	Upper
75	100		
110	9.4	17.0	50.9#
77	0.2	24.4	36.6#

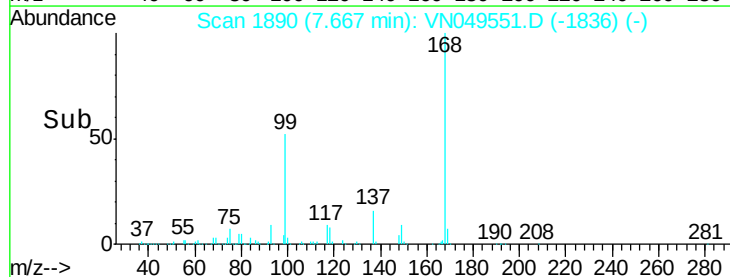
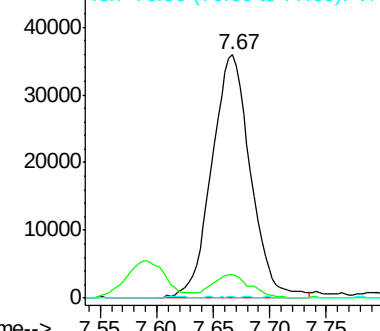


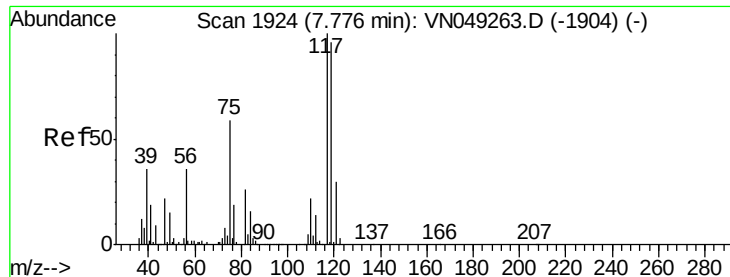
Abundance

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: 4.69 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.11 min

Lab File: VN049551.D

Acq: 26 Jun 2018 14:40

Instrument :

MSVOA_N

ClientSampleId :

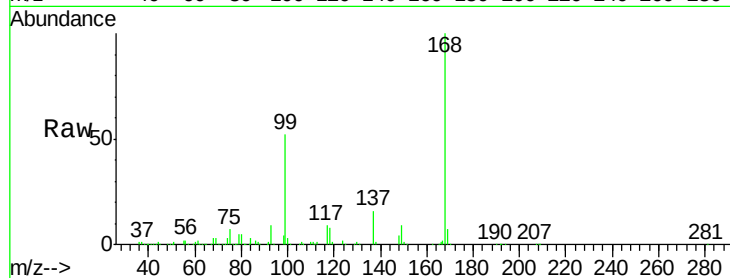
Tot Ion:117 Resp: 110604

Ion Ratio Lower Upper

117 100

119 6.1 75.6 113.4#

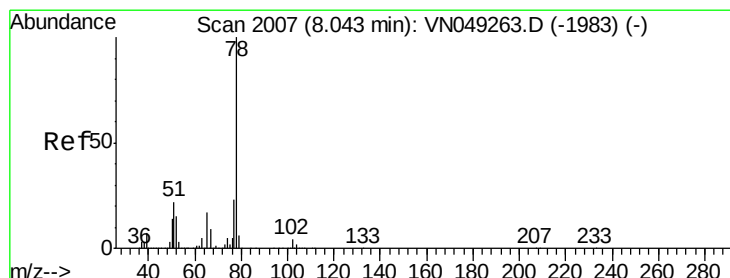
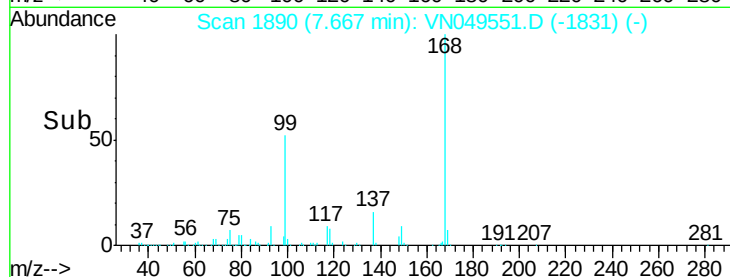
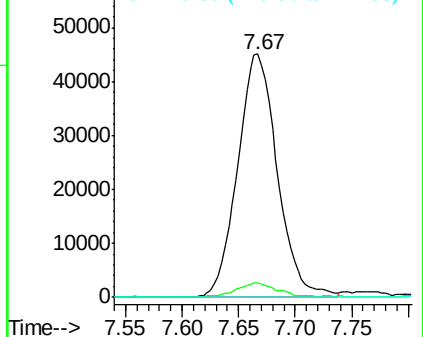
121 0.0 24.7 37.1#



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



#40

Benzene

Concen: 0.26 ug/l

RT: 8.04 min Scan# 2006

Delta R.T. -0.00 min

Lab File: VN049551.D

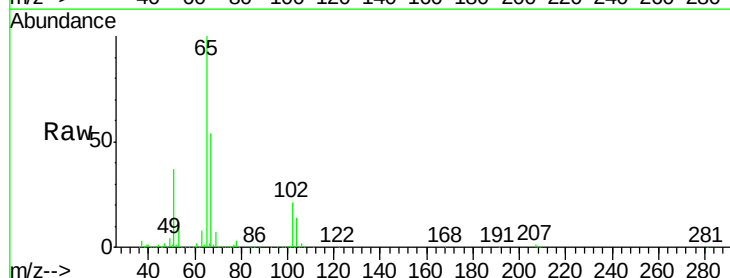
Acq: 26 Jun 2018 14:40

Tgt Ion: 78 Resp: 18057

Ion Ratio Lower Upper

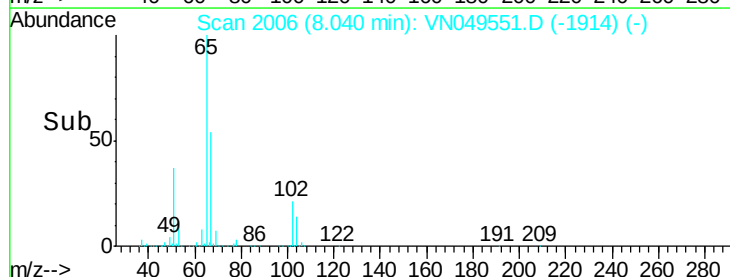
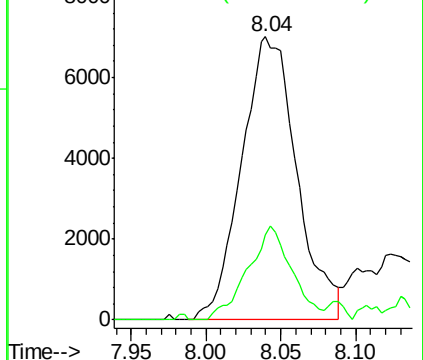
78 100

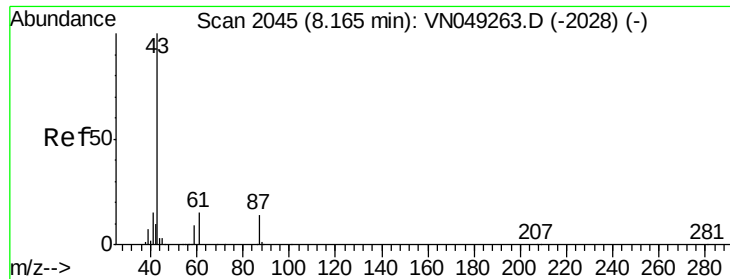
77 30.2 19.4 29.0#



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0





#43

Isopropyl Acetate

Concen: 42.46 ug/l

RT: 8.25 min Scan# 2072

Delta R.T. 0.09 min

Lab File: VN049551.D

Acq: 26 Jun 2018 14:40

Instrument :

MSVOA_N

ClientSampled :

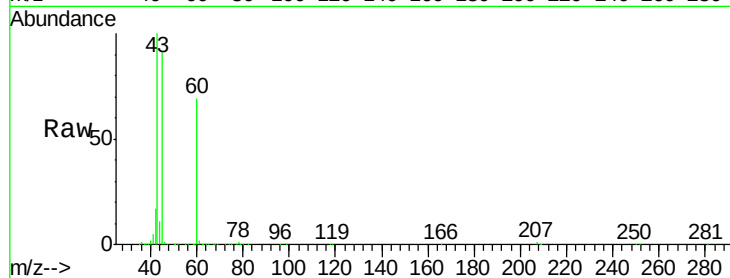
Tot Ion: 43 Resp: 1004651

Ion Ratio Lower Upper

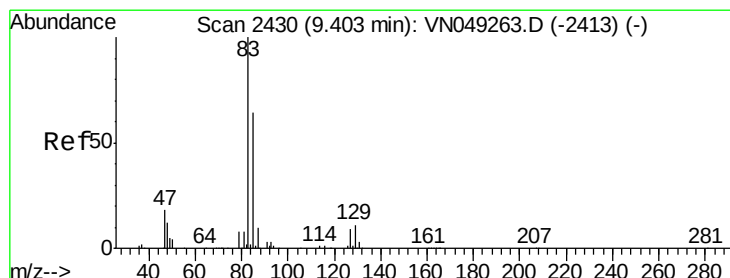
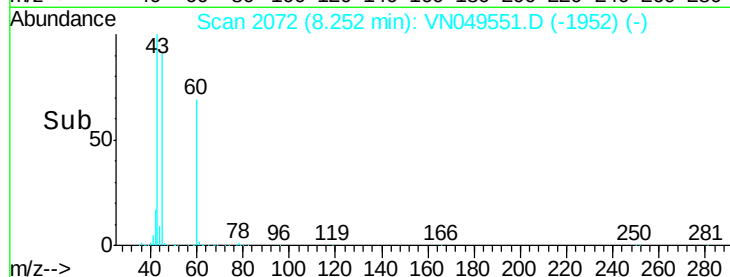
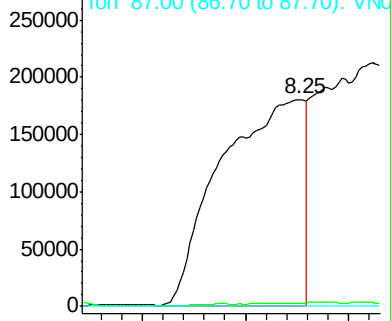
43 100

61 0.0 14.2 21.4#

87 0.0 9.4 14.0#



Abundance Ion 43.00 (42.70 to 43.70): VN049551.D (-2072) (-)



#47

Bromodichloromethane

Concen: 0.35 ug/l

RT: 9.41 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VN049551.D

Acq: 26 Jun 2018 14:40

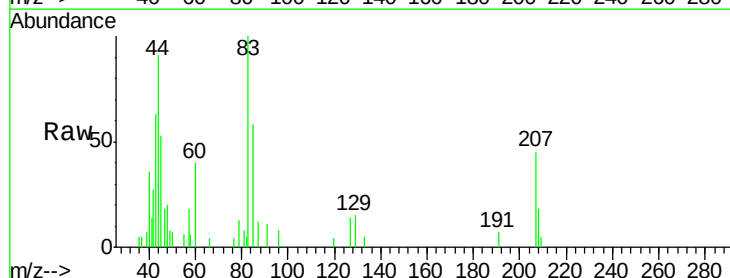
Tgt Ion: 83 Resp: 8206

Ion Ratio Lower Upper

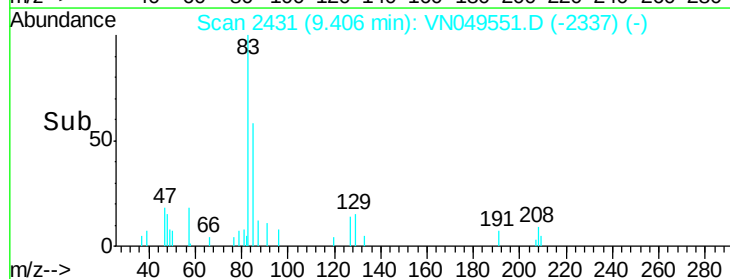
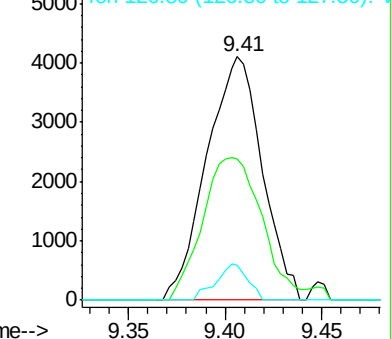
83 100

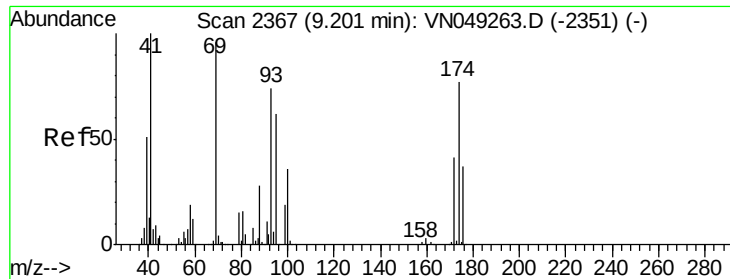
85 57.9 49.4 74.0

127 14.4 6.3 9.5#



Abundance Ion 82.90 (82.60 to 83.60): VN049551.D (-2431) (-)

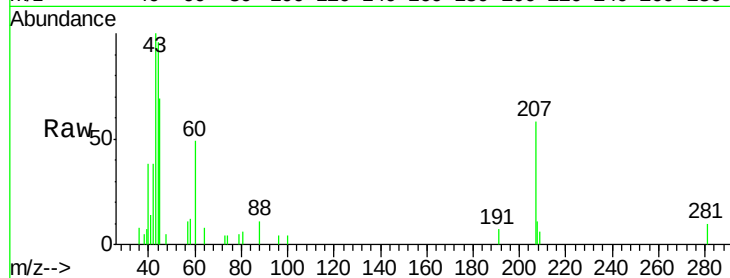




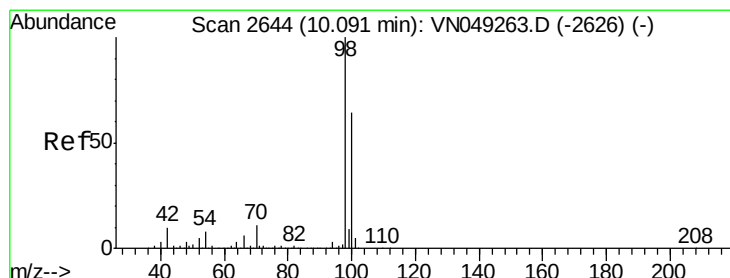
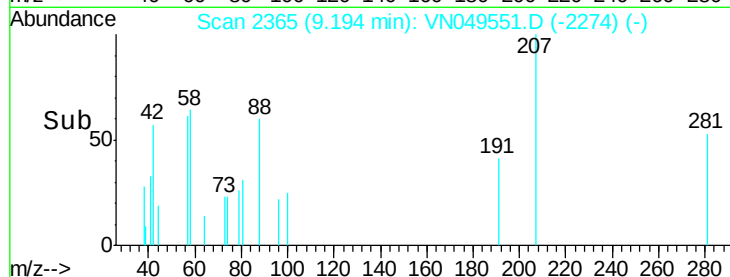
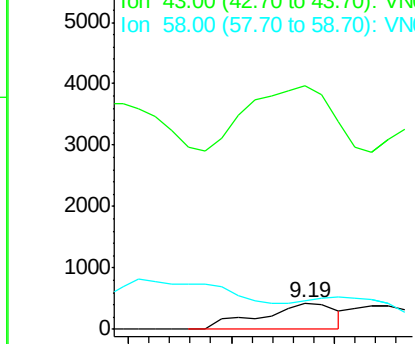
#49
1,4-Dioxane
Concen: 2.79 ug/l
RT: 9.19 min Scan# 2365
Delta R.T. -0.01 min
Lab File: VN049551.D
Acq: 26 Jun 2018 14:40

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 429
Ion Ratio Lower Upper
88 100
43 278.3 30.9 46.3#
58 0.0 58.9 88.3#

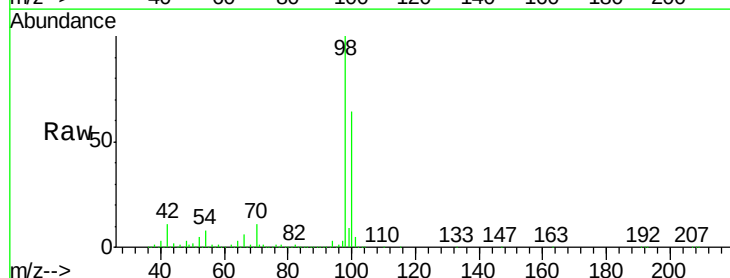


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

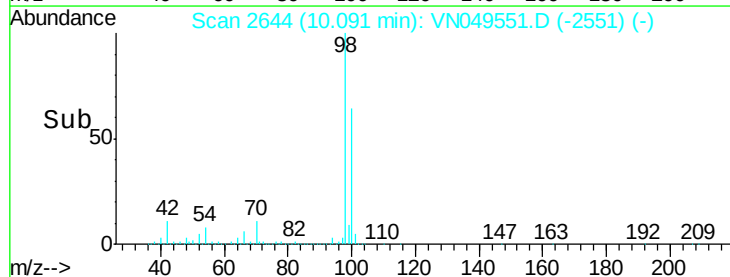
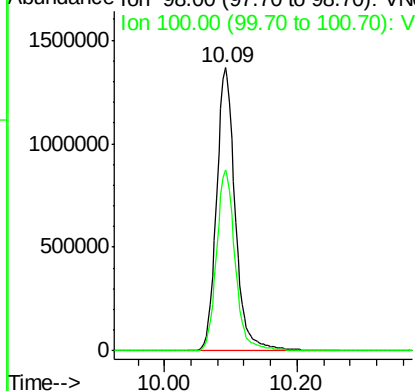


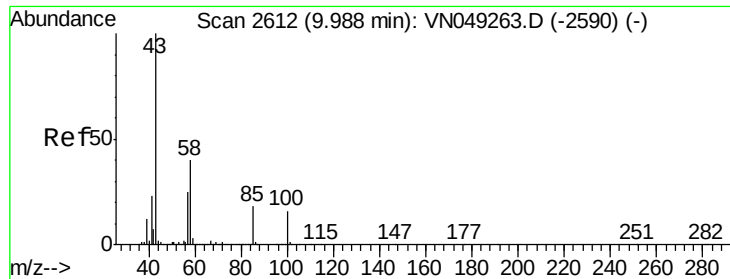
#50
Toluene-d8
Concen: 43.66 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049551.D
Acq: 26 Jun 2018 14:40

Tgt Ion: 98 Resp: 2672675
Ion Ratio Lower Upper
98 100
100 63.9 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: 0.40 ug/l

RT: 9.99 min Scan# 2611

Delta R.T. -0.00 min

Lab File: VN049551.D

Acq: 26 Jun 2018 14:40

Instrument :

MSVOA_N

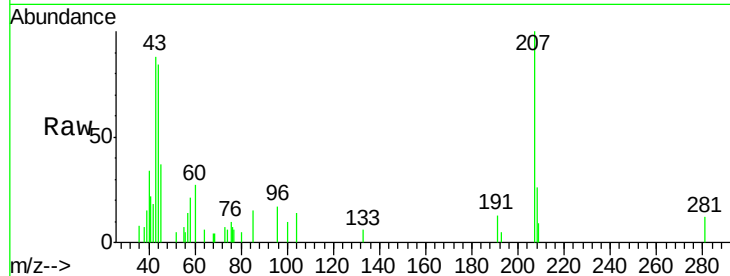
ClientSampled :

Tot Ion: 43 Resp: 4920

Ion Ratio Lower Upper

43 100

58 40.7 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.99

3000

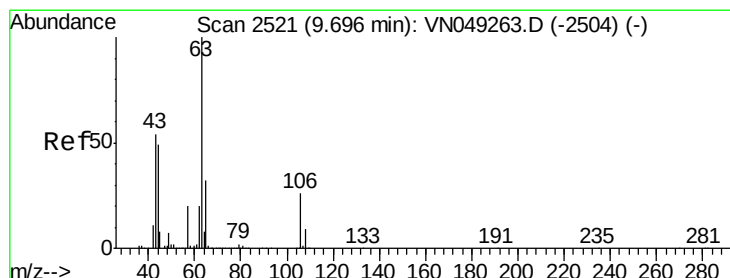
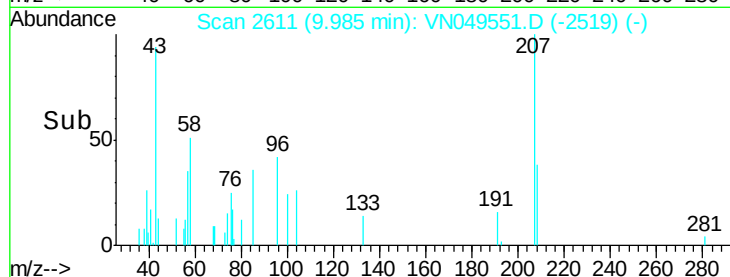
2000

1000

0

9.95 10.00

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 14.34 ug/l

RT: 9.71 min Scan# 2525

Delta R.T. 0.01 min

Lab File: VN049551.D

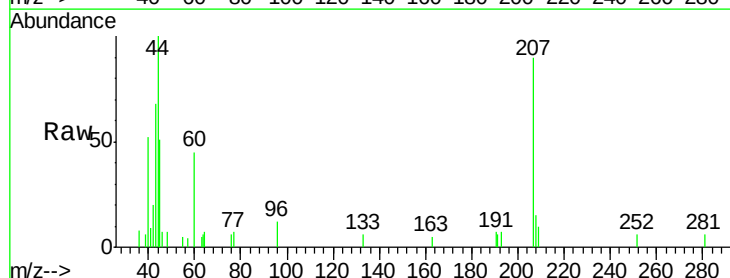
Acq: 26 Jun 2018 14:40

Tgt Ion: 63 Resp: 64

Ion Ratio Lower Upper

63 100

106 0.0 19.4 29.2#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.71

200

150

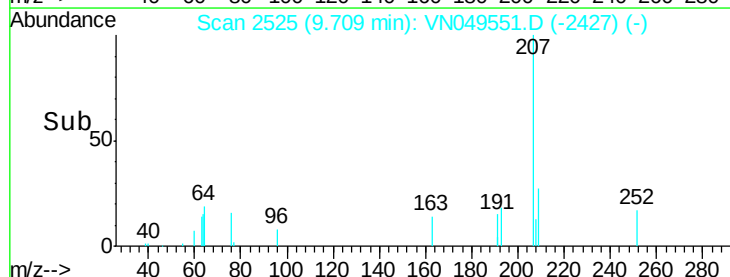
100

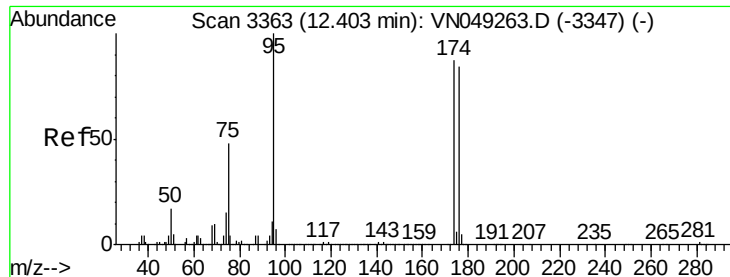
50

0

9.70 9.71 9.72

Time-->

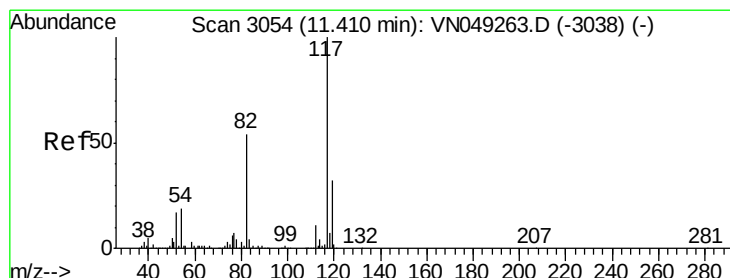
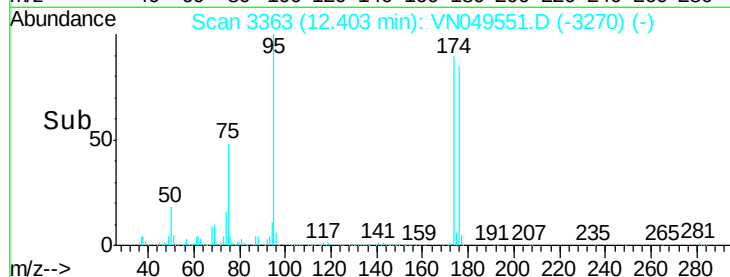
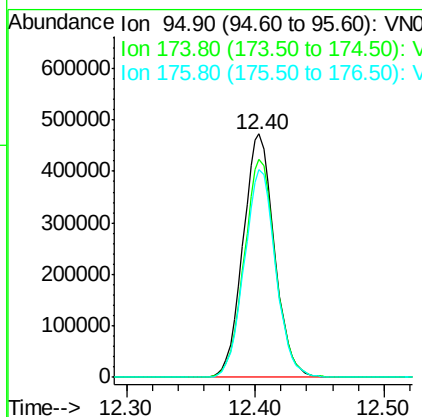
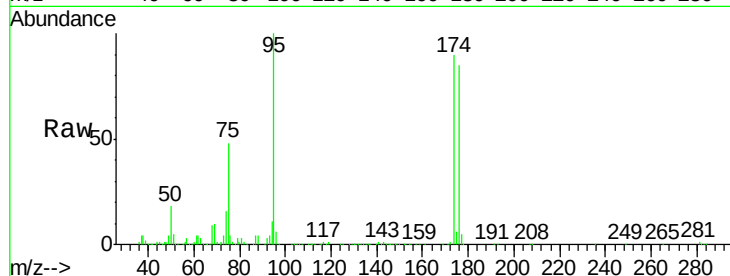




#62
4-Bromofluorobenzene
Concen: 39.47 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049551.D
Acq: 26 Jun 2018 14:40

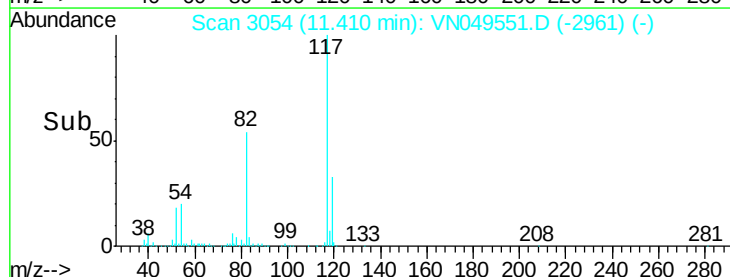
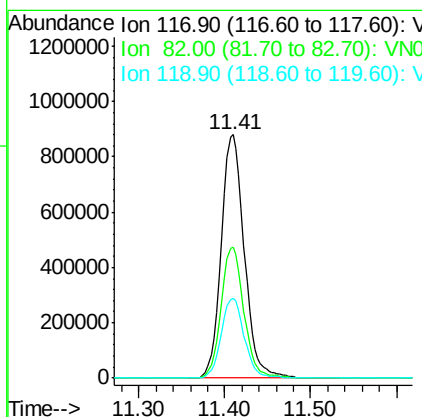
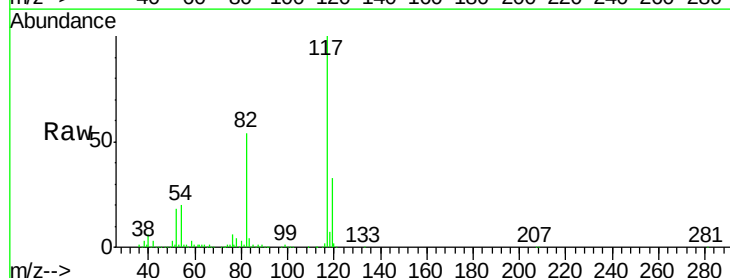
Instrument :
MSVOA_N
ClientSampleId :

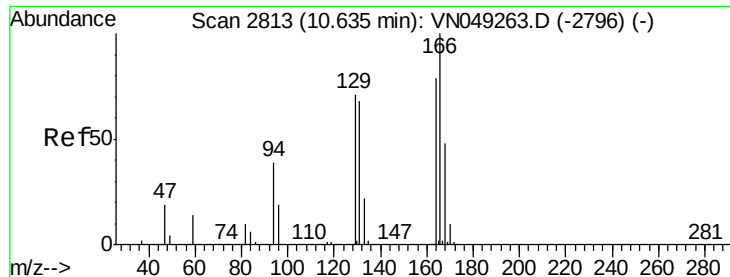
Tot Ion	Ratio	Lower	Upper
95	100		
174	89.6	0.0	165.6
176	85.5	0.0	157.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049551.D
Acq: 26 Jun 2018 14:40

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.6	45.9	68.9
119	32.9	25.5	38.3

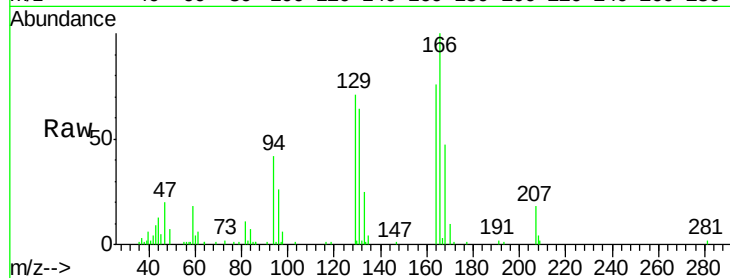




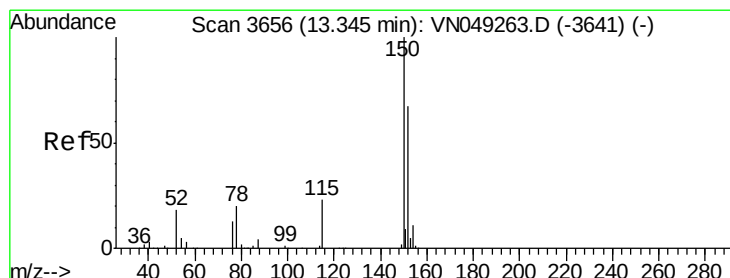
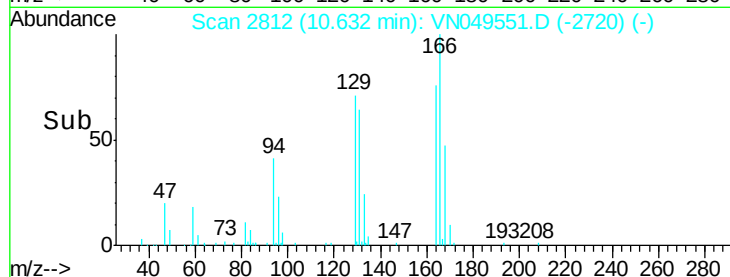
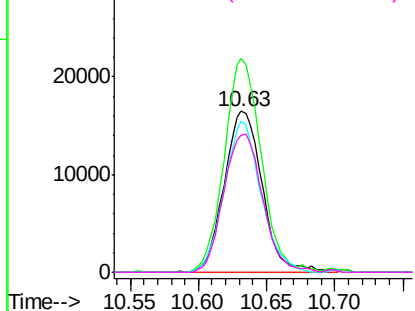
#64
Tetrachloroethene
Concen: 1.91 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN049551.D
Acq: 26 Jun 2018 14:40

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:164 Resp: 32092
Ion Ratio Lower Upper
164 100
166 132.4 101.4 152.2
129 93.5 74.1 111.1
131 85.1 73.7 110.5

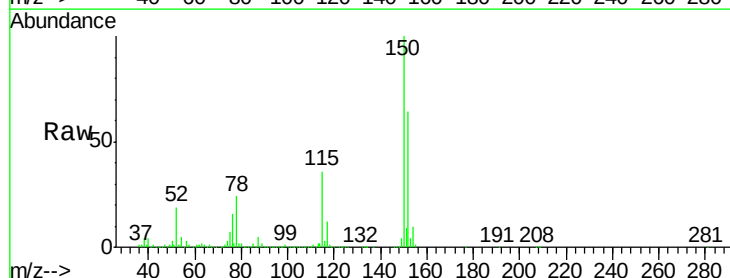


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

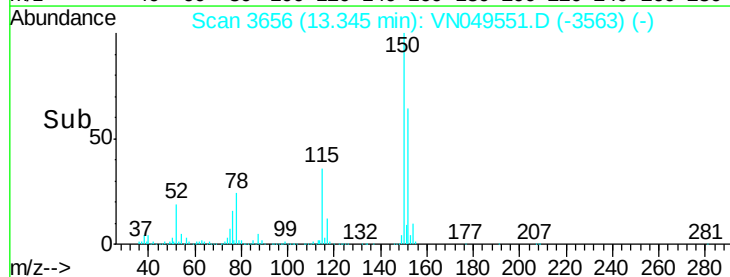
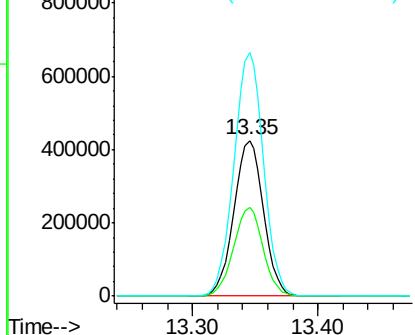


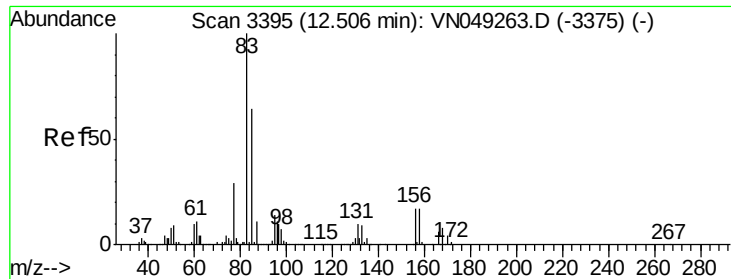
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN049551.D
Acq: 26 Jun 2018 14:40

Tgt Ion:152 Resp: 694157
Ion Ratio Lower Upper
152 100
115 56.5 28.7 86.1
150 156.7 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049551.D

Acq: 26 Jun 2018 14:40

Instrument :

MSVOA_N

ClientSampleId :

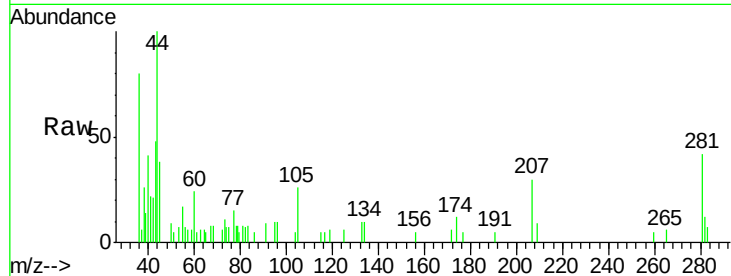
Tot Ion: 83 Resp: 201

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

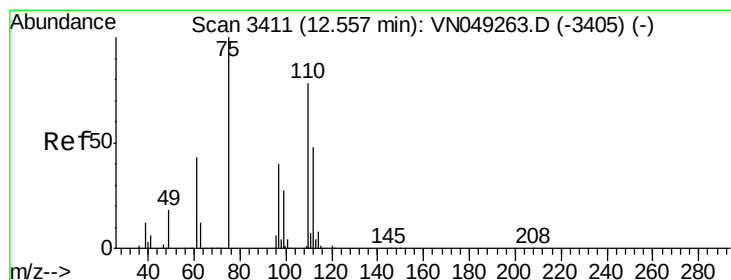
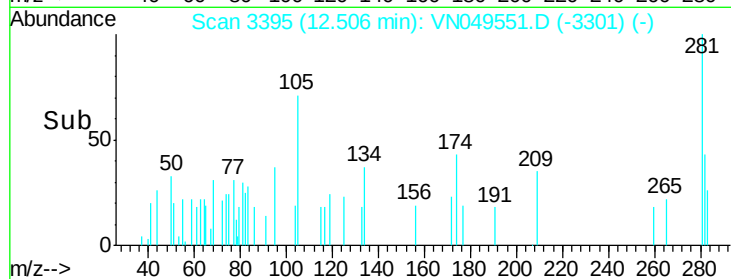
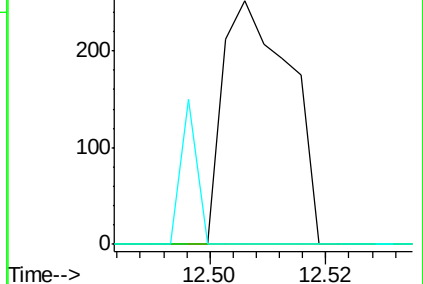
85 14.4 32.0 96.0#



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: 32.58 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049551.D

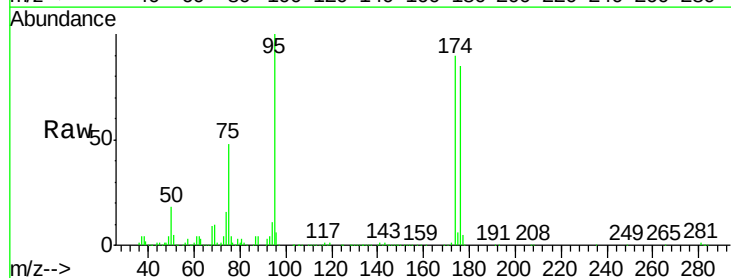
Acq: 26 Jun 2018 14:40

Tgt Ion: 75 Resp: 385921

Ion Ratio Lower Upper

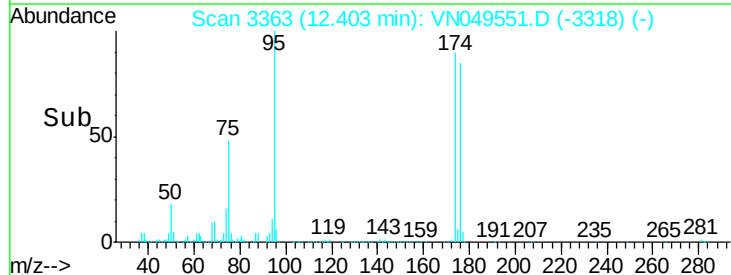
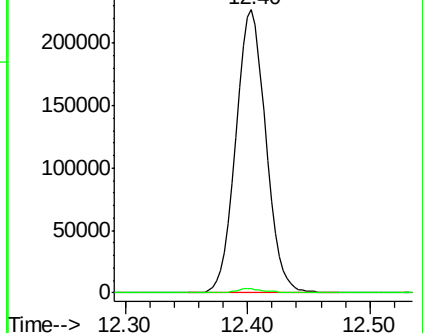
75 100

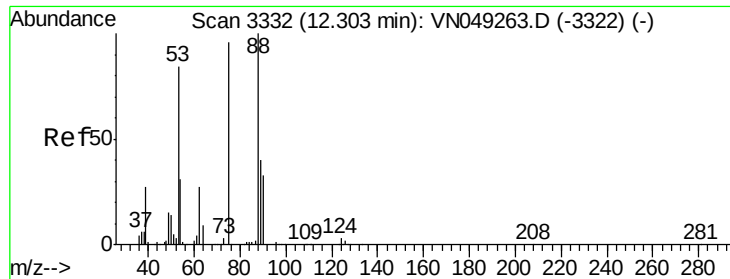
77 1.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

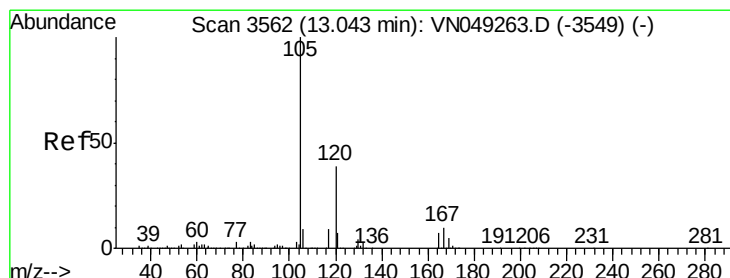
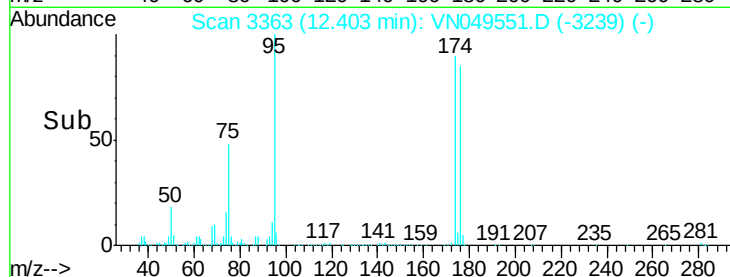
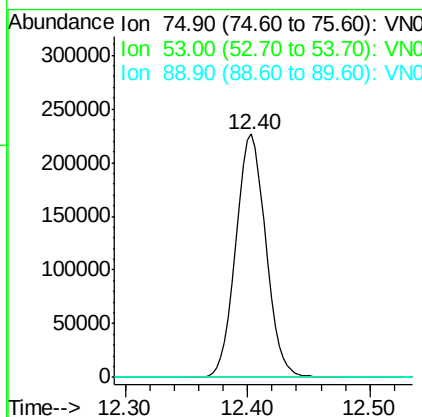
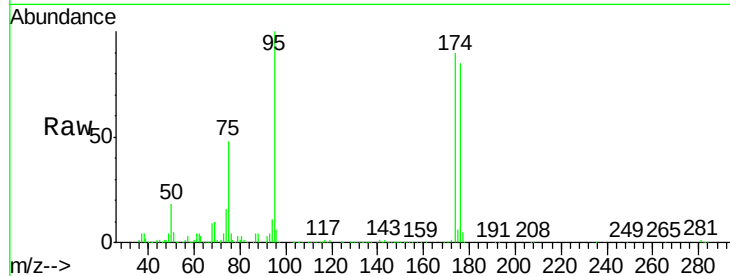




#81
trans-1,4-Dichloro-2-butene
Concen: 102.98 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.10 min
Lab File: VN049551.D
Acq: 26 Jun 2018 14:40

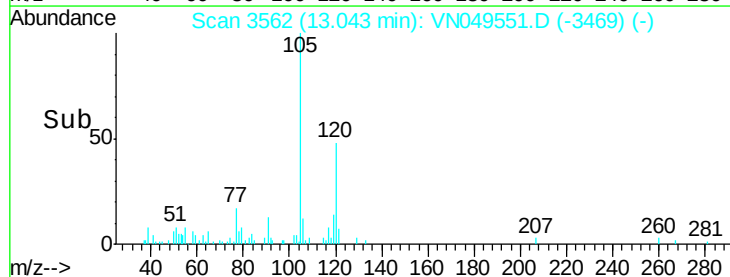
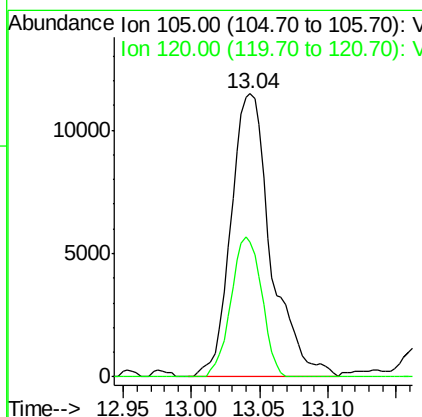
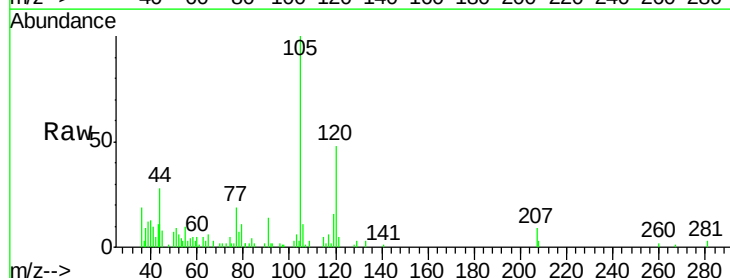
Instrument :
MSVOA_N
ClientSampleId :

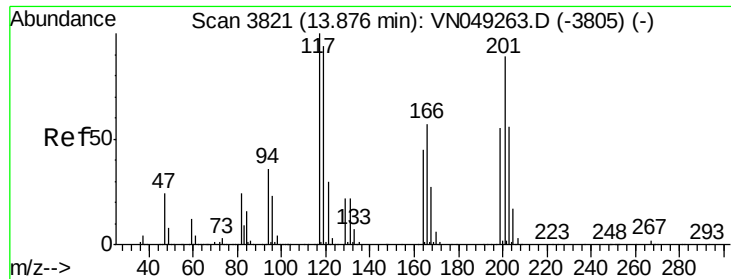
Tot Ion: 75 Resp: 385921
Ion Ratio Lower Upper
75 100
53 0.3 82.7 124.1#
89 0.0 36.5 54.7#



#84
1,2,4-Trimethylbenzene
Concen: 0.49 ug/l
RT: 13.04 min Scan# 3562
Delta R.T. 0.00 min
Lab File: VN049551.D
Acq: 26 Jun 2018 14:40

Tgt Ion: 105 Resp: 23375
Ion Ratio Lower Upper
105 100
120 38.0 22.2 66.6





#90

Hexachloroethane

Concen: Below Cal

RT: 13.89 min Scan# 3825

Delta R.T. 0.01 min

Lab File: VN049551.D

Acq: 26 Jun 2018 14:40

Instrument :

MSVOA_N

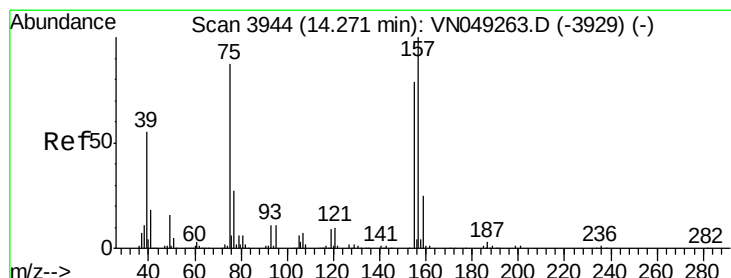
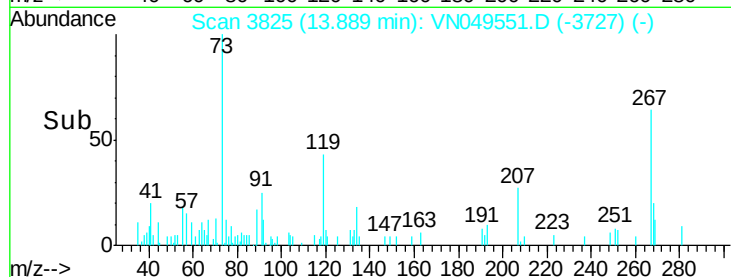
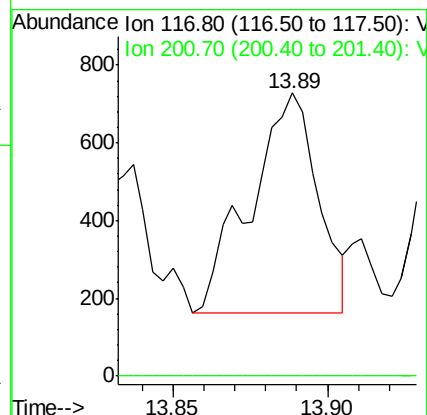
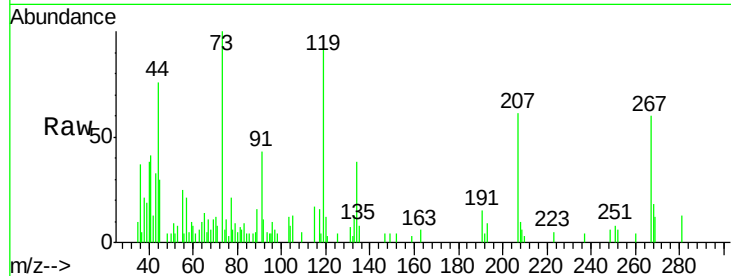
ClientSampleId :

Tot Ion:117 Resp: 862

Ion Ratio Lower Upper

117 100

201 0.0 40.1 120.2#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.24 ug/l

RT: 14.27 min Scan# 3945

Delta R.T. 0.00 min

Lab File: VN049551.D

Acq: 26 Jun 2018 14:40

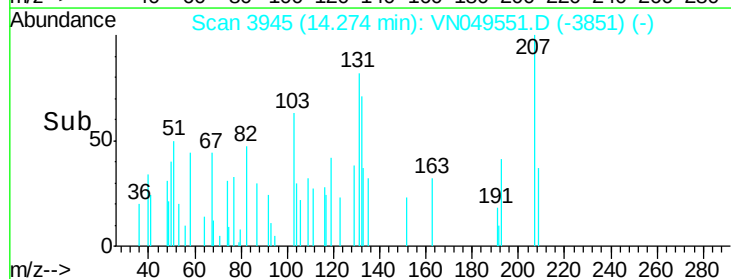
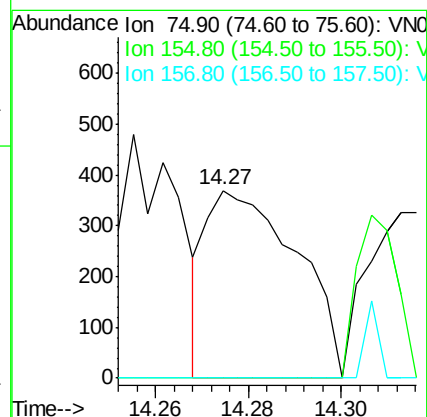
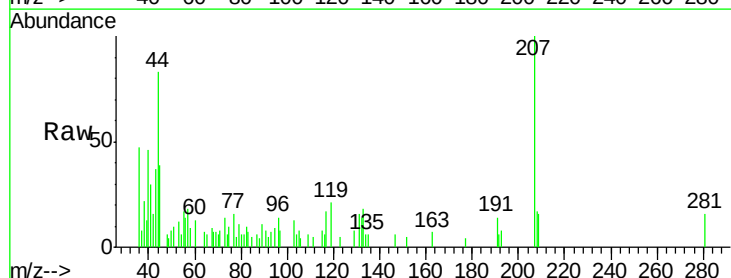
Tgt Ion: 75 Resp: 499

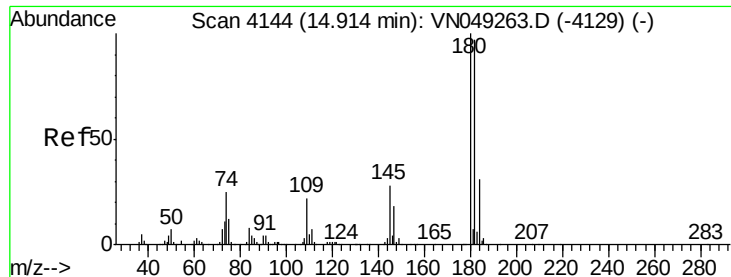
Ion Ratio Lower Upper

75 100

155 0.0 38.8 116.3#

157 0.0 51.0 153.1#

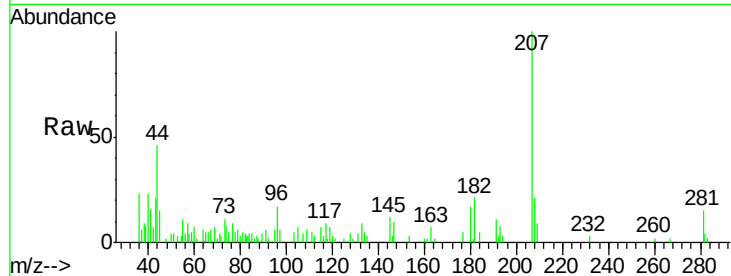




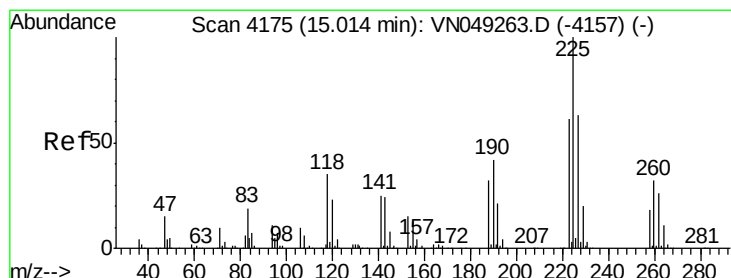
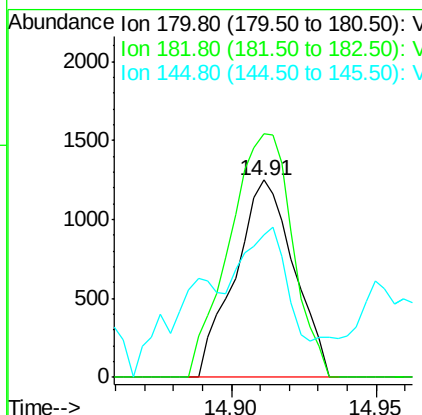
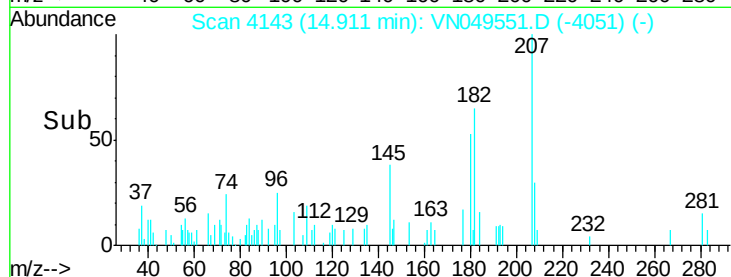
#93
 1,2,4-Trichlorobenzene
 Concen: 4.88 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. -0.00 min
 Lab File: VN049551.D
 Acq: 26 Jun 2018 14:40

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 1762
 Ion Ratio Lower Upper
 180 100
 182 132.5 46.9 140.8
 145 64.4 14.7 44.1#

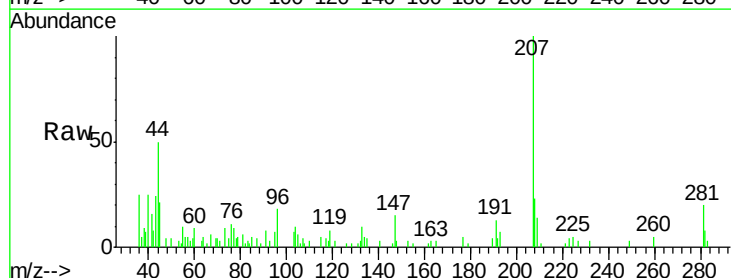


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

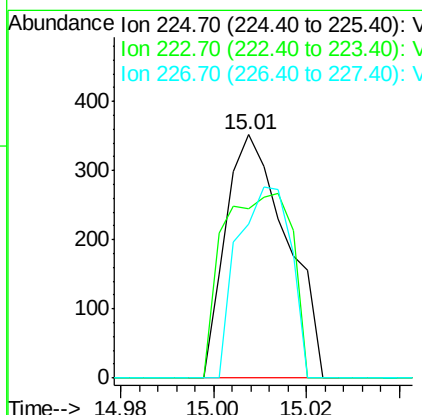
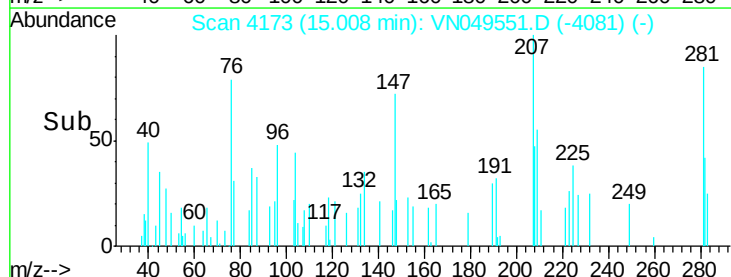


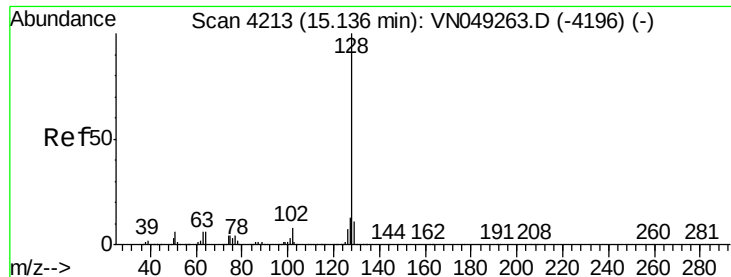
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4173
 Delta R.T. -0.01 min
 Lab File: VN049551.D
 Acq: 26 Jun 2018 14:40

Tgt Ion:225 Resp: 322
 Ion Ratio Lower Upper
 225 100
 223 86.6 32.1 96.3
 227 68.6 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: 20.73 ug/l

RT: 15.13 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN049551.D

Acq: 26 Jun 2018 14:40

Instrument :

MSVOA_N

ClientSampled :

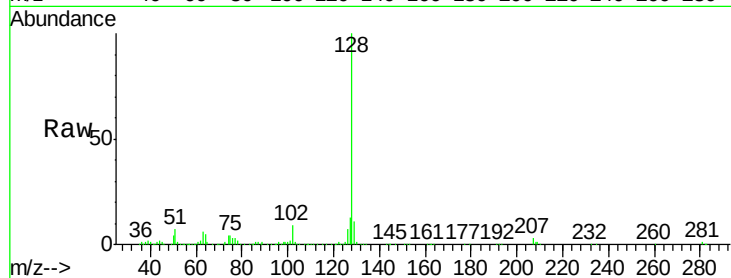
Tot Ion:128 Resp: 378776

Ion Ratio Lower Upper

128 100

127 12.6 10.6 16.0

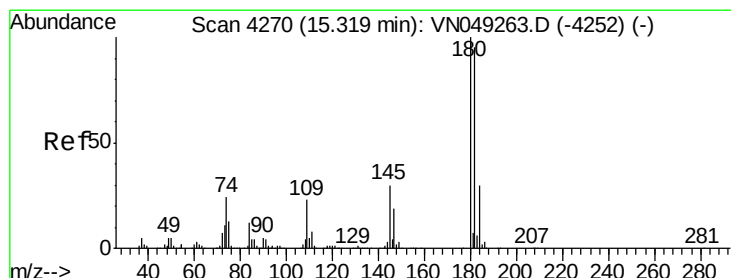
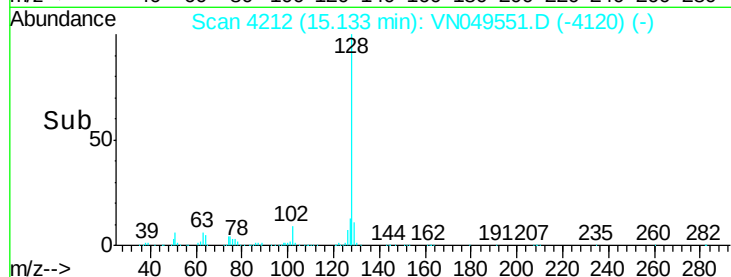
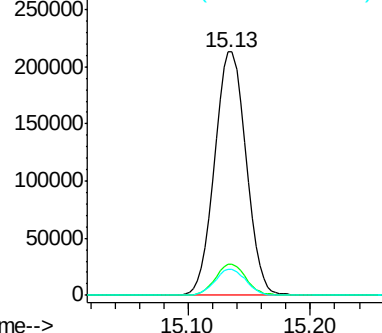
129 10.6 8.5 12.7



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: 3.60 ug/l

RT: 15.33 min Scan# 4272

Delta R.T. 0.01 min

Lab File: VN049551.D

Acq: 26 Jun 2018 14:40

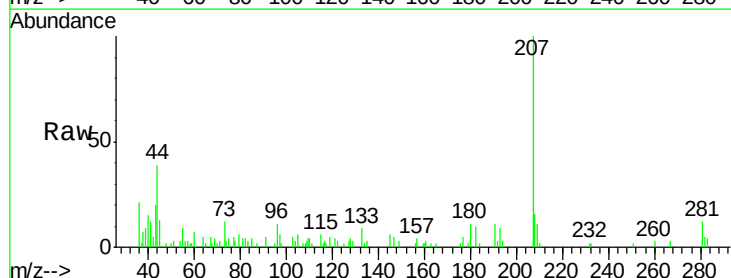
Tgt Ion:180 Resp: 1786

Ion Ratio Lower Upper

180 100

182 103.4 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

