

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062118\
 Data File : VN049475.D
 Acq On : 21 Jun 2018 18:19
 Operator : MD\SY
 Sample : PB110441ZHE#06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 22 03:40:00 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	1174018	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1843143	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1563854	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	427711	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	807776	51.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.76%	
35) Dibromofluoromethane	7.59	113	690745	46.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.64%	
50) Toluene-d8	10.09	98	2547764	44.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.74%	
62) 4-Bromofluorobenzene	12.40	95	648665	34.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.10%	

Target Compounds

						Qvalue
3) Chloromethane	2.06	50	3878	0.22	ug/l	93
5) Bromomethane	2.57	94	5841	0.60	ug/l	93
8) Diethyl Ether	3.41	74	3711	0.46	ug/l	77
11) Tert butyl alcohol	4.81	59	445	0.49	ug/l #	70
13) Acrolein	3.60	56	1100	1.15	ug/l #	54
15) Acrylonitrile	4.99	53	935	0.20	ug/l #	73
16) Acetone	3.82	43	34495	9.12	ug/l #	84
17) Carbon Disulfide	4.05	76	9444	0.22	ug/l #	91
18) Methyl Acetate	4.33	43	91367	7.93	ug/l	92
20) Methylene Chloride	4.55	84	48727	3.09	ug/l	91
25) 2-Butanone	6.85	43	4582	0.90	ug/l #	85
29) Tetrahydrofuran	7.23	42	1747	0.53	ug/l #	91
31) Cyclohexane	7.66	56	22782	0.82	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	83933	3.97	ug/l #	51
38) Carbon Tetrachloride	7.67	117	110299	5.04	ug/l #	16
43) Isopropyl Acetate	8.25	43	106405	4.85	ug/l #	64
49) 1,4-Dioxane	9.20	88	246	1.72	ug/l #	54
51) 4-Methyl-2-Pentanone	9.99	43	6180	0.54	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.70	63	32	14.33	ug/l #	51
59) 2-Hexanone	10.76	43	3644	0.49	ug/l	77
65) Chlorobenzene	11.44	112	17410	0.43	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.51	83	999	Below	Cal #	76
76) 1,2,3-Trichloropropane	12.40	75	314078	43.04	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	314078	136.02	ug/l #	9
87) 1,3-Dichlorobenzene	13.29	146	3931	0.24	ug/l	96
88) 1,4-Dichlorobenzene	13.29	146	3931	0.24	ug/l	95
89) n-Butylbenzene	13.62	91	4805	0.21	ug/l	96
90) Hexachloroethane	13.87	117	149	Below	Cal #	7
91) 1,2-Dichlorobenzene	13.65	146	3399	0.21	ug/l	80
92) 1,2-Dibromo-3-Chloropropan	14.26	75	921	0.70	ug/l	78
93) 1,2,4-Trichlorobenzene	14.91	180	7145	5.62	ug/l	96
94) Hexachlorobutadiene	15.01	225	1874	Below	Cal	94
95) Naphthalene	15.14	128	17810	3.58	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.32	180	7289	4.40	ug/l	93

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

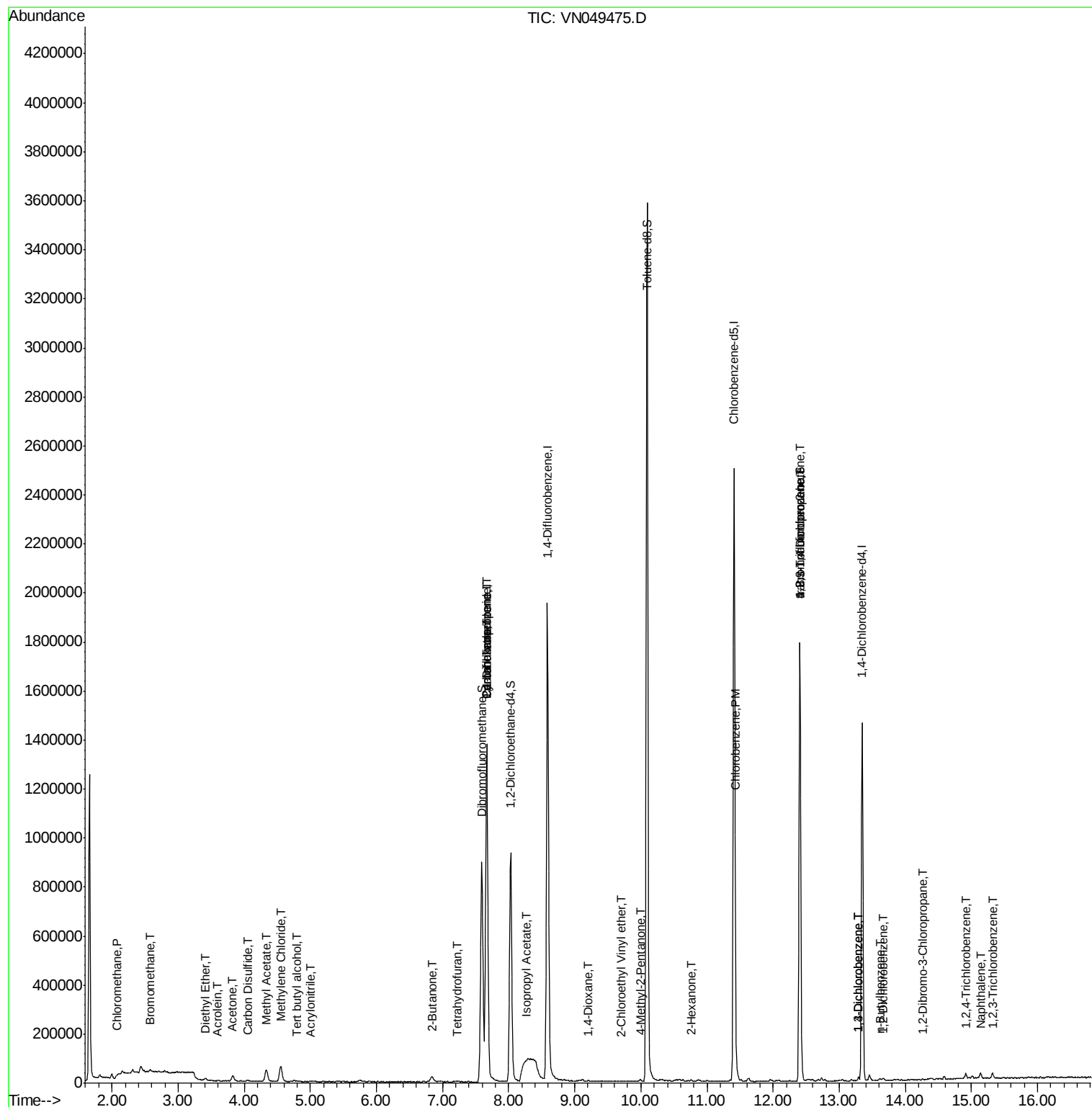
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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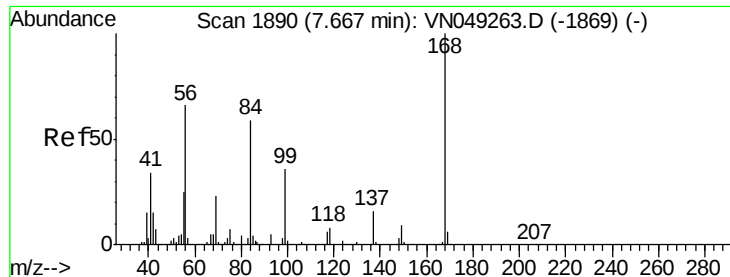
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN049475.D

Acq: 21 Jun 2018 18:19

Instrument :

MSVOA_N

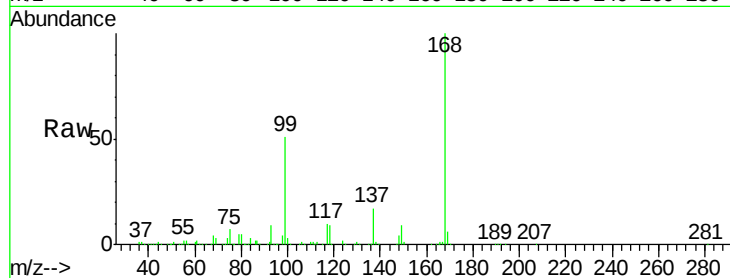
ClientSampled :

Tot Ion:168 Resp: 1174018

Ion Ratio Lower Upper

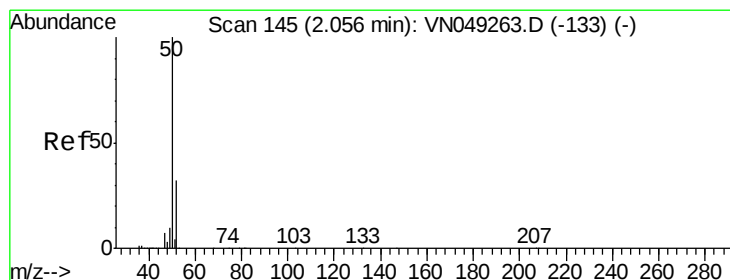
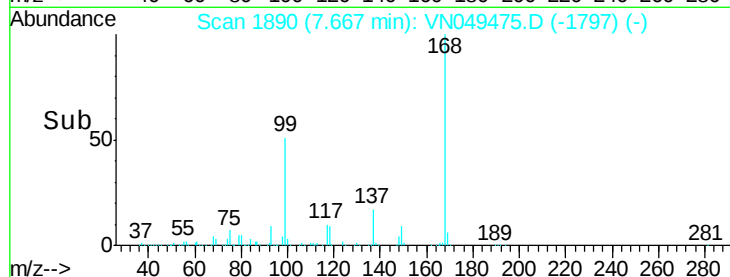
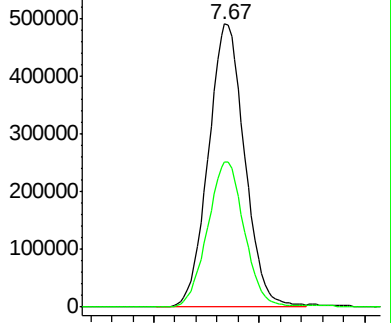
168 100

99 51.2 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#3

Chloromethane

Concen: 0.22 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN049475.D

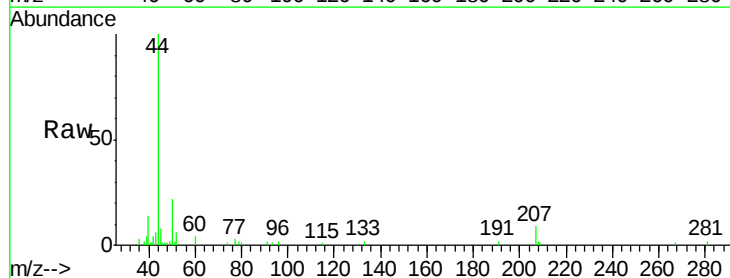
Acq: 21 Jun 2018 18:19

Tgt Ion: 50 Resp: 3878

Ion Ratio Lower Upper

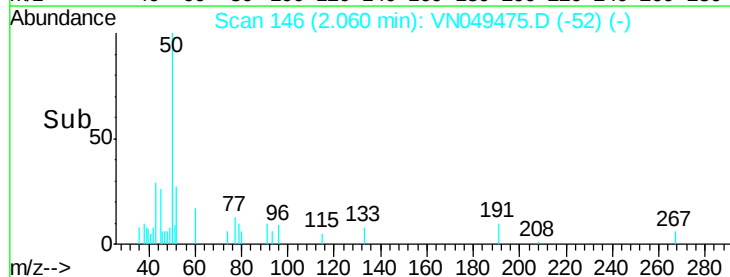
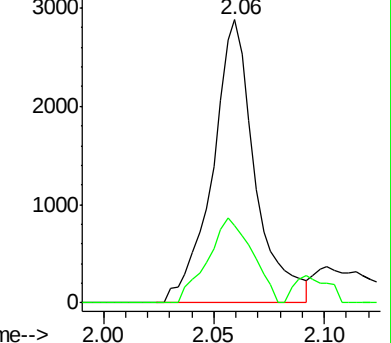
50 100

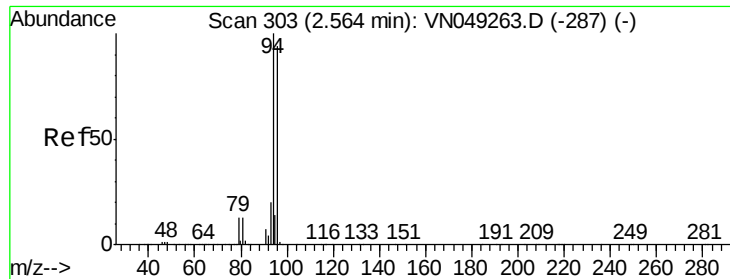
52 27.4 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0





#5

Bromomethane

Concen: 0.60 ug/l

RT: 2.57 min Scan# 306

Delta R.T. 0.01 min

Lab File: VN049475.D

Acq: 21 Jun 2018 18:19

Instrument :

MSVOA_N

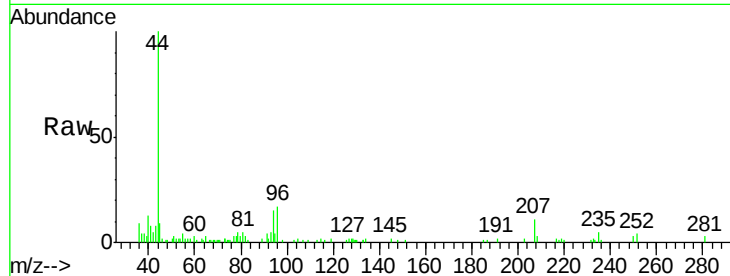
ClientSampled :

Tot Ion: 94 Resp: 5841

Ion Ratio Lower Upper

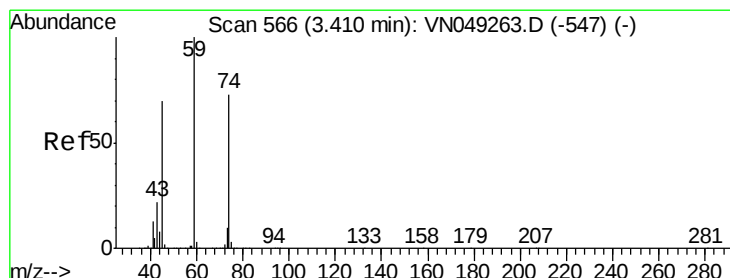
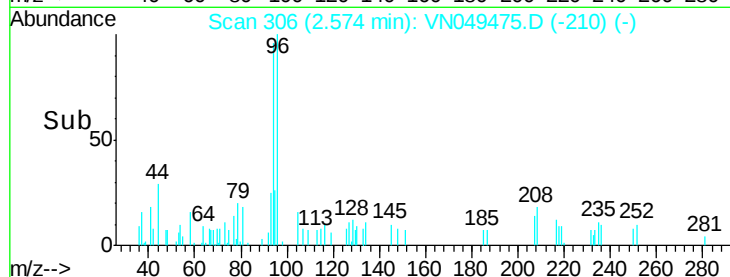
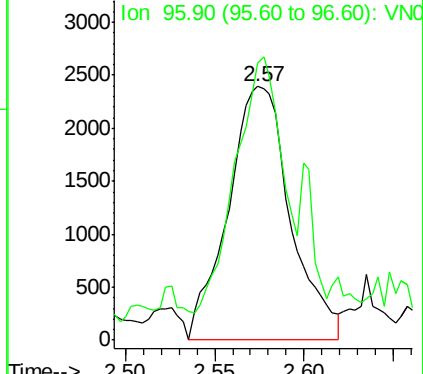
94 100

96 97.9 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VN049475.D (-210) (-)

Ion 95.90 (95.60 to 96.60): VN049475.D (-210) (-)



#8

Diethyl Ether

Concen: 0.46 ug/l

RT: 3.41 min Scan# 566

Delta R.T. 0.00 min

Lab File: VN049475.D

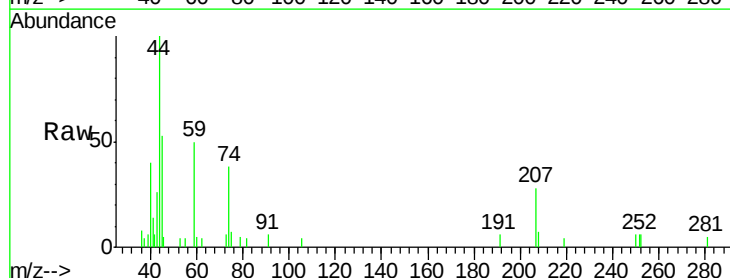
Acq: 21 Jun 2018 18:19

Tgt Ion: 74 Resp: 3711

Ion Ratio Lower Upper

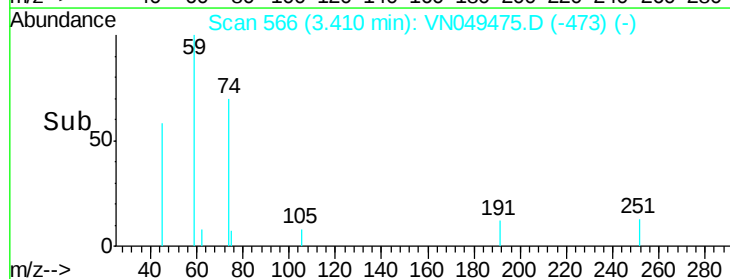
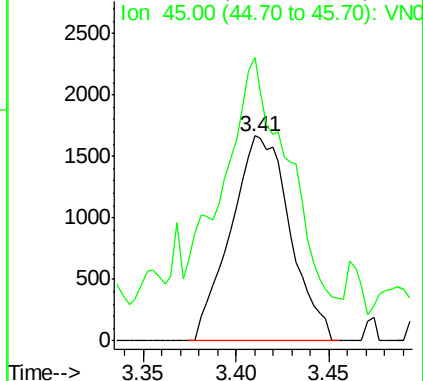
74 100

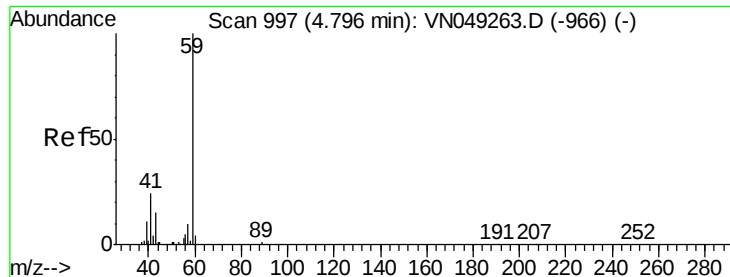
45 127.5 51.9 155.8



Abundance Ion 74.00 (73.70 to 74.70): VN049475.D (-473) (-)

Ion 45.00 (44.70 to 45.70): VN049475.D (-473) (-)



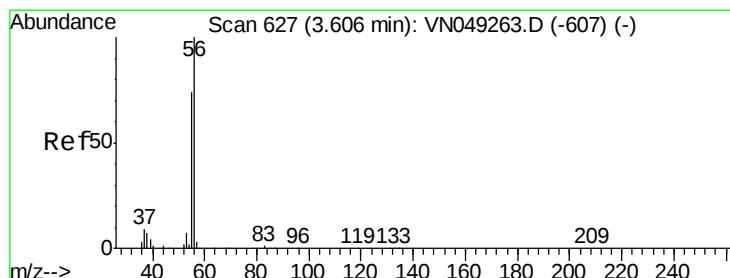
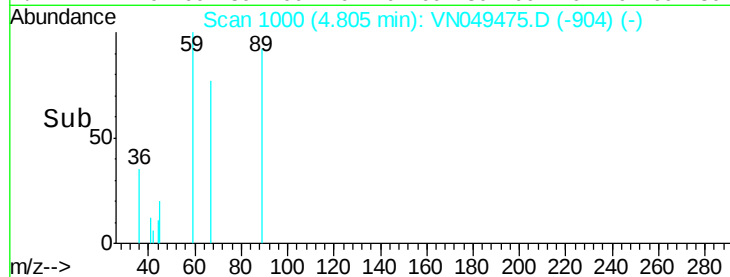
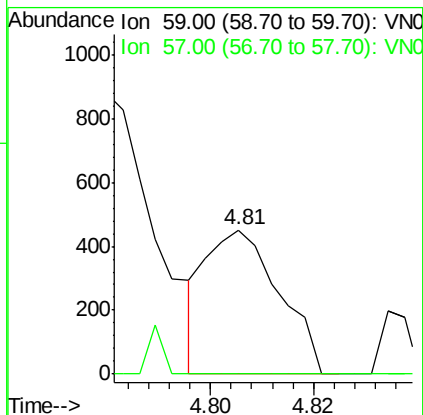
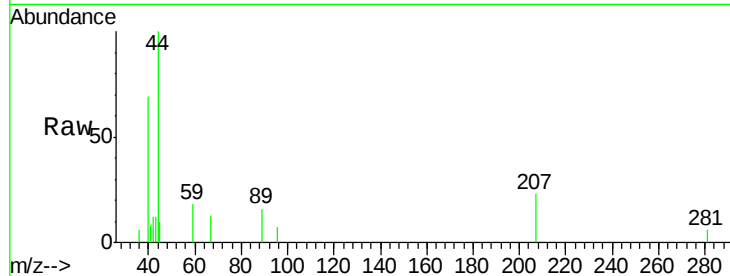


#11

Tert butyl alcohol
 Concen: 0.49 ug/l
 RT: 4.81 min Scan# 1000
 Delta R.T. 0.01 min
 Lab File: VN049475.D
 Acq: 21 Jun 2018 18:19

Instrument :
 MSVOA_N
 ClientSampled :

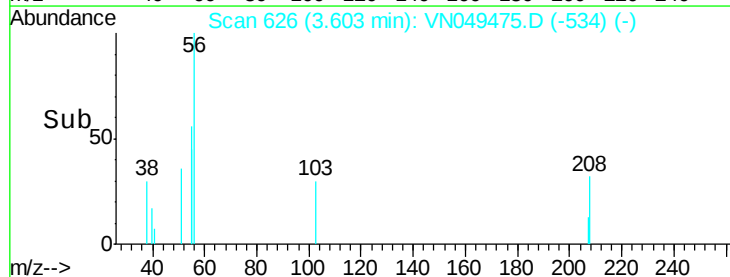
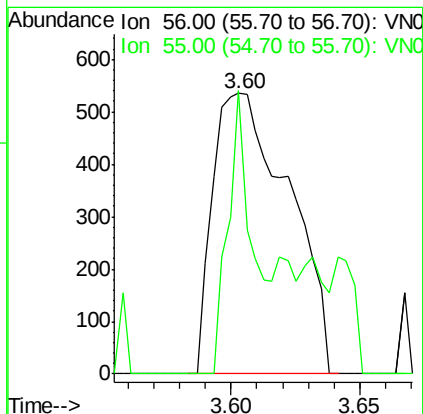
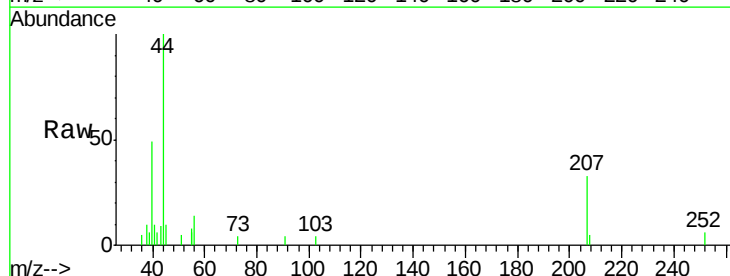
Tot Ion: 59 Resp: 445
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.0 13.6#

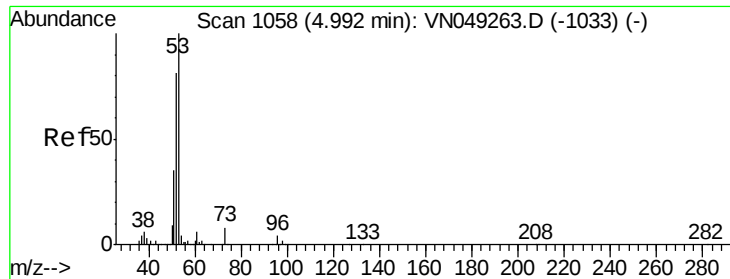


#13

Acrolein
 Concen: 1.15 ug/l
 RT: 3.60 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: VN049475.D
 Acq: 21 Jun 2018 18:19

Tgt Ion: 56 Resp: 1100
 Ion Ratio Lower Upper
 56 100
 55 33.5 57.1 85.7#

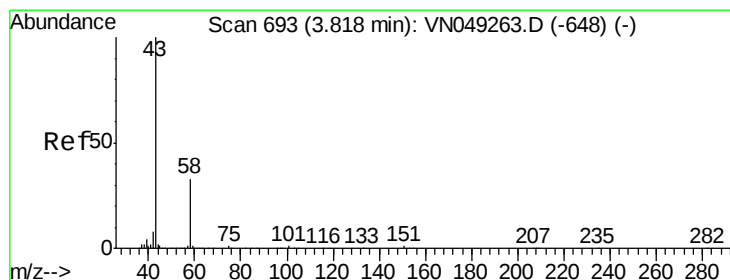
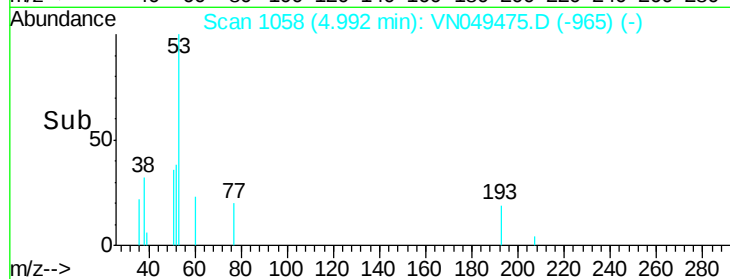
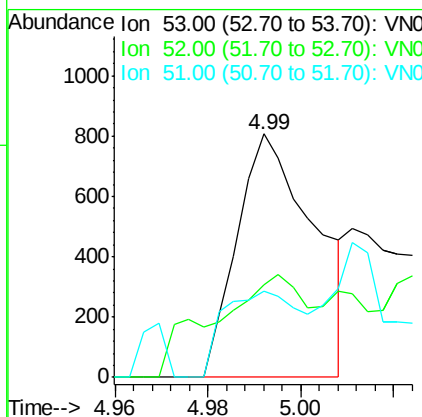
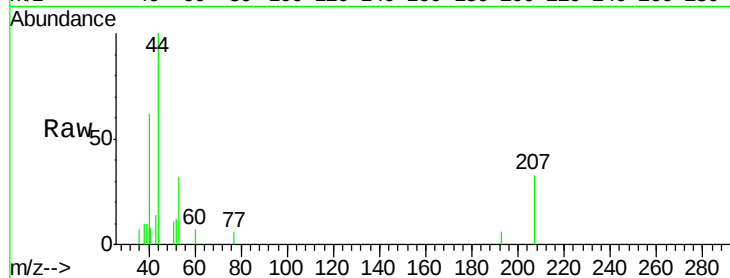




#15
 Acrylonitrile
 Concen: 0.20 ug/l
 RT: 4.99 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: VN049475.D
 Acq: 21 Jun 2018 18:19

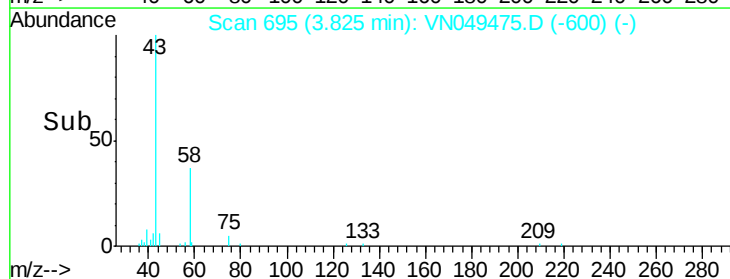
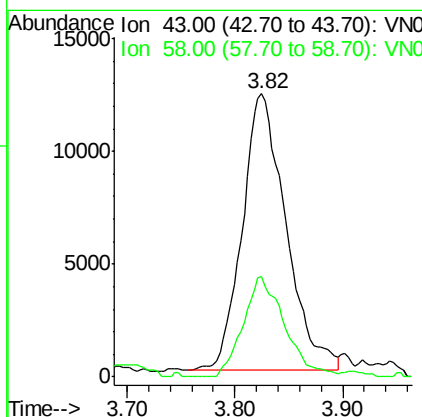
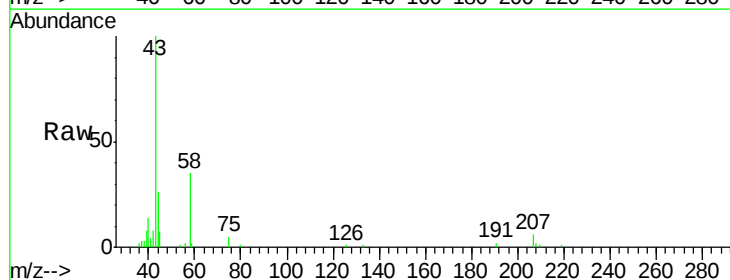
Instrument :
 MSVOA_N
 ClientSampleId :

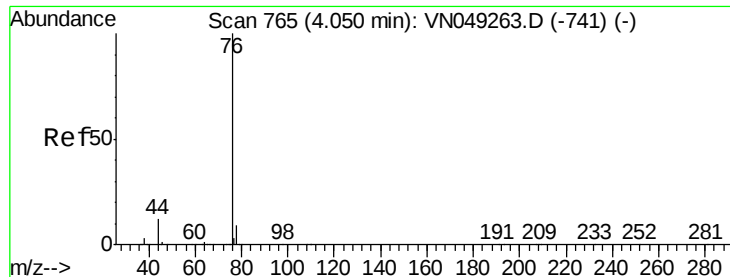
Tot Ion: 53 Resp: 935
 Ion Ratio Lower Upper
 53 100
 52 48.9 66.6 100.0#
 51 35.5 29.8 44.8



#16
 Acetone
 Concen: 9.12 ug/l
 RT: 3.82 min Scan# 695
 Delta R.T. 0.01 min
 Lab File: VN049475.D
 Acq: 21 Jun 2018 18:19

Tgt Ion: 43 Resp: 34495
 Ion Ratio Lower Upper
 43 100
 58 36.2 22.4 33.6#





#17

Carbon Disulfide

Concen: 0.22 ug/l

RT: 4.05 min Scan# 766

Delta R.T. 0.00 min

Lab File: VN049475.D

Acq: 21 Jun 2018 18:19

Instrument :

MSVOA_N

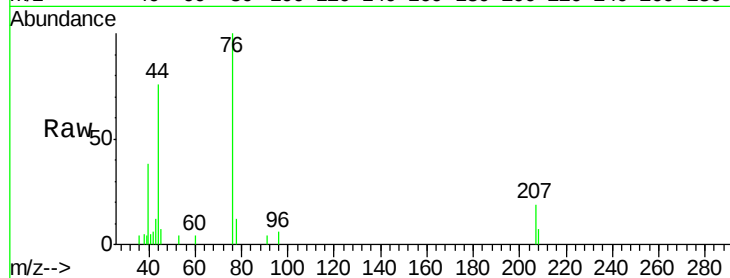
ClientSampled :

Tot Ion: 76 Resp: 9444

Ion Ratio Lower Upper

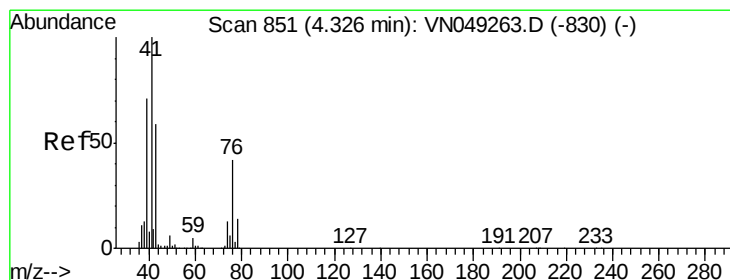
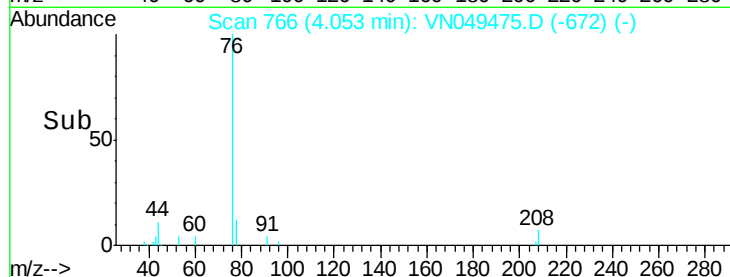
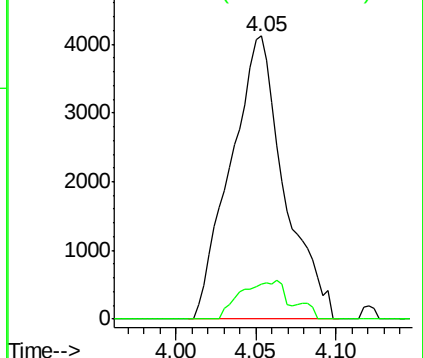
76 100

78 12.5 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VNC

Ion 77.90 (77.60 to 78.60): VNC



#18

Methyl Acetate

Concen: 7.93 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.01 min

Lab File: VN049475.D

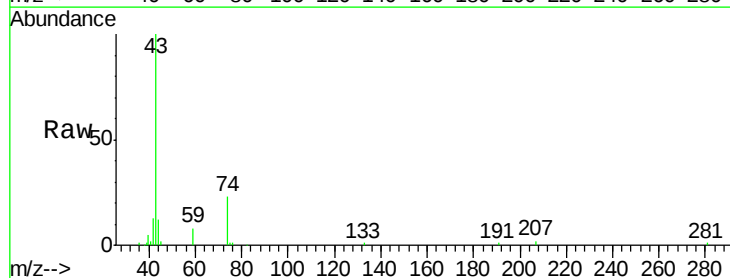
Acq: 21 Jun 2018 18:19

Tgt Ion: 43 Resp: 91367

Ion Ratio Lower Upper

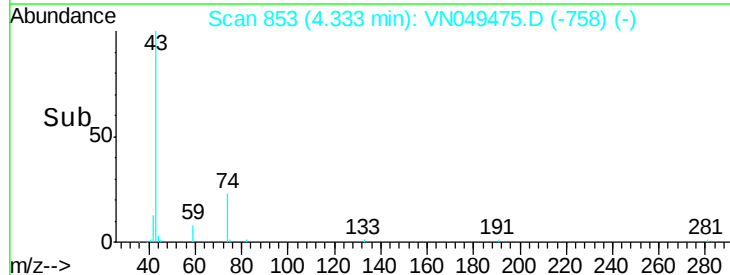
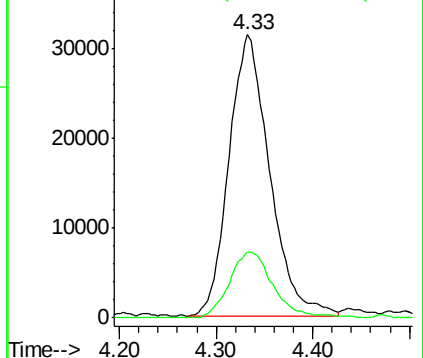
43 100

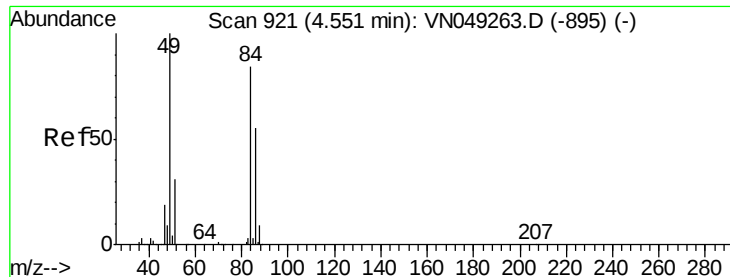
74 25.3 17.4 26.0



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 74.00 (73.70 to 74.70): VNC

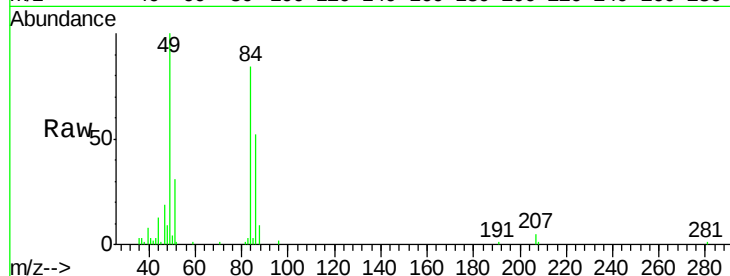




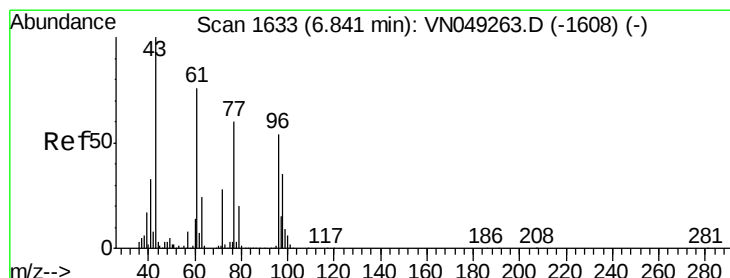
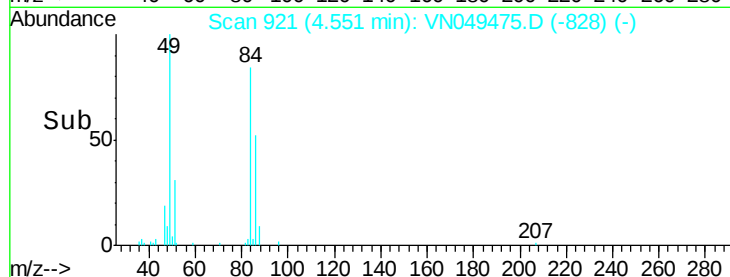
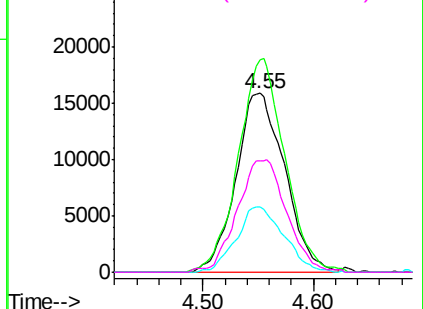
#20
Methvlene Chloride
Concen: 3.09 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049475.D
Acq: 21 Jun 2018 18:19

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:	84	Resp:	48727
Ion	Ratio	Lower	Upper
84	100		
49	118.0	106.9	160.3
51	36.6	32.7	49.1
86	62.2	49.8	74.8

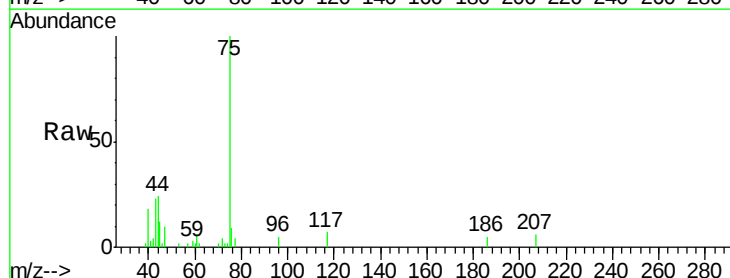


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

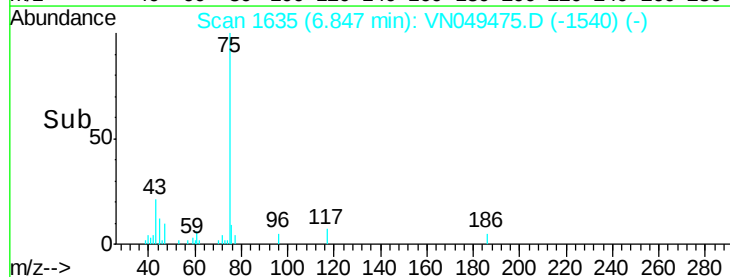
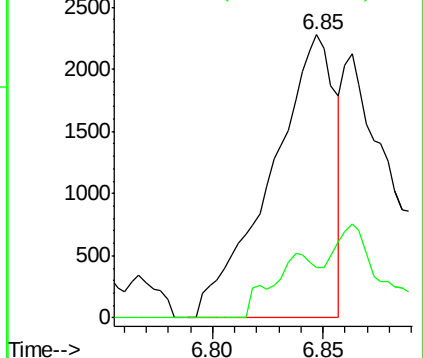


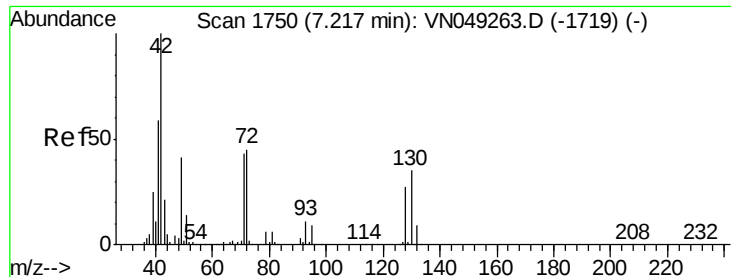
#25
2-Butanone
Concen: 0.90 ug/l
RT: 6.85 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VN049475.D
Acq: 21 Jun 2018 18:19

Tgt Ion:	43	Resp:	4582
Ion	Ratio	Lower	Upper
43	100		
72	17.8	20.2	30.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0





#29

Tetrahydrofuran

Concen: 0.53 ug/l

RT: 7.23 min Scan# 1753

Delta R.T. 0.01 min

Lab File: VN049475.D

Acq: 21 Jun 2018 18:19

Instrument :

MSVOA_N

ClientSampled :

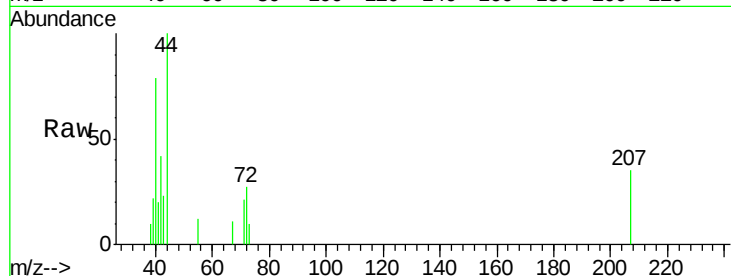
Tot Ion: 42 Resp: 1747

Ion Ratio Lower Upper

42 100

72 30.5 32.2 48.4#

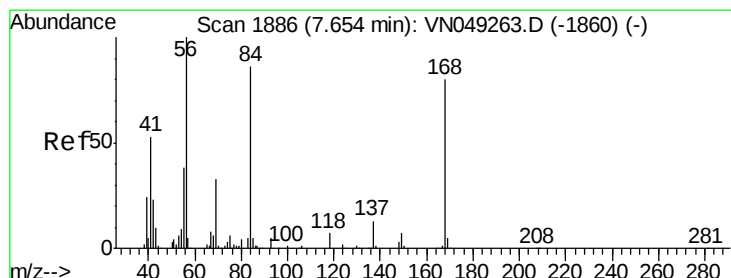
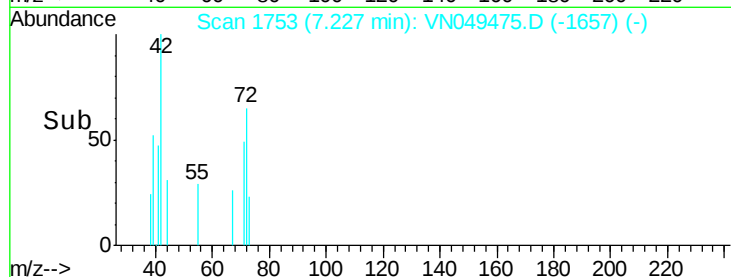
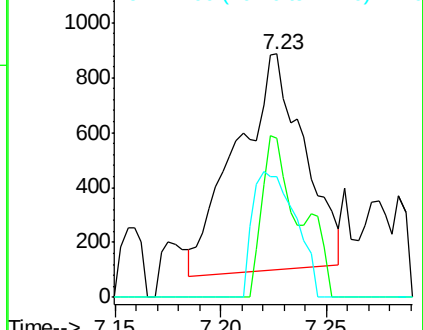
71 37.1 30.5 45.7



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#31

Cyclohexane

Concen: 0.82 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. 0.01 min

Lab File: VN049475.D

Acq: 21 Jun 2018 18:19

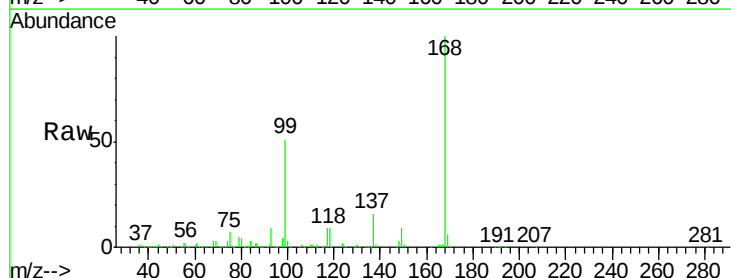
Tgt Ion: 56 Resp: 22782

Ion Ratio Lower Upper

56 100

69 175.9 25.0 37.4#

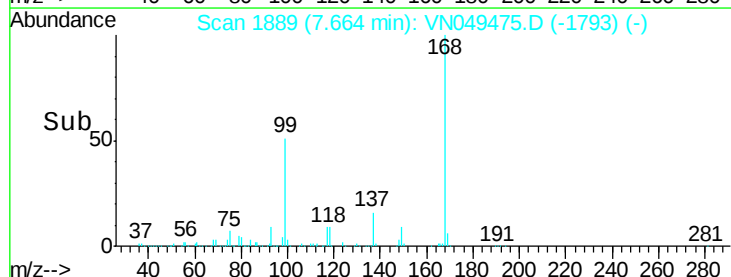
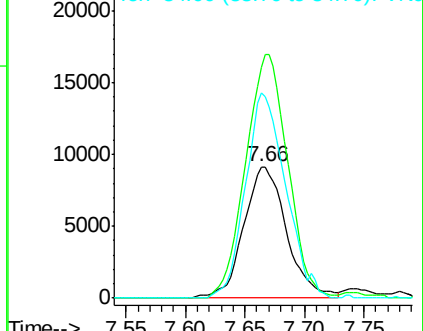
84 156.3 64.6 96.8#

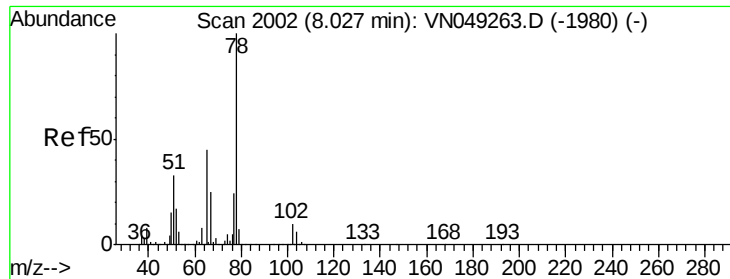


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0





#33

1,2-Dichloroethane-d4

Concen: 51.88 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049475.D

Acq: 21 Jun 2018 18:19

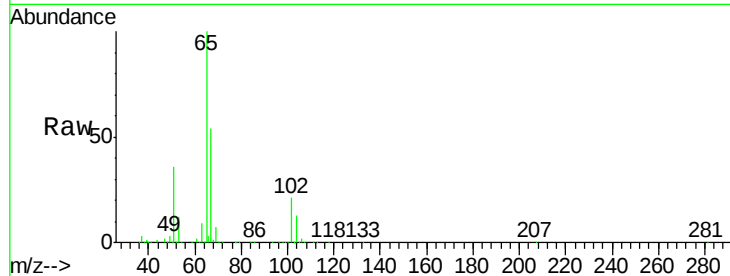
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 65 Resp: 807776

Ion Ratio Lower Upper

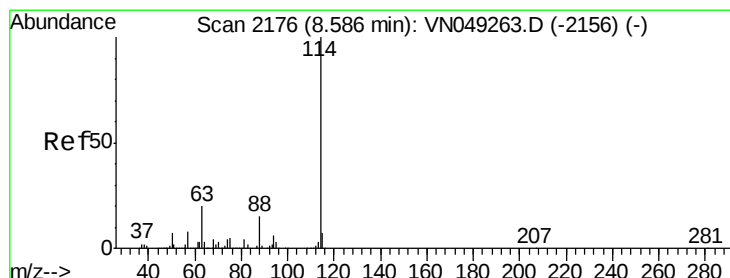
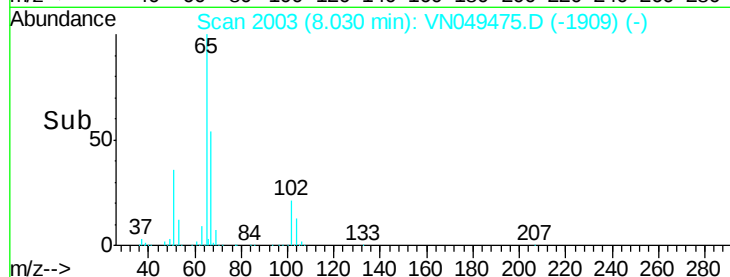
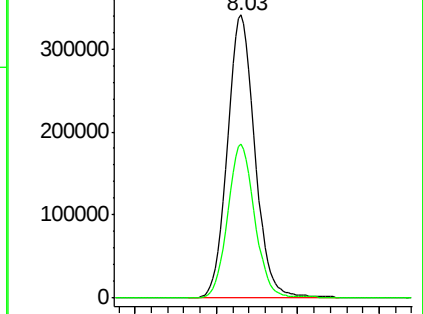
65 100

67 53.7 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN049475.D (-1909) (-)

Ion 66.90 (66.60 to 67.60): VN049475.D (-1909) (-)



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN049475.D

Acq: 21 Jun 2018 18:19

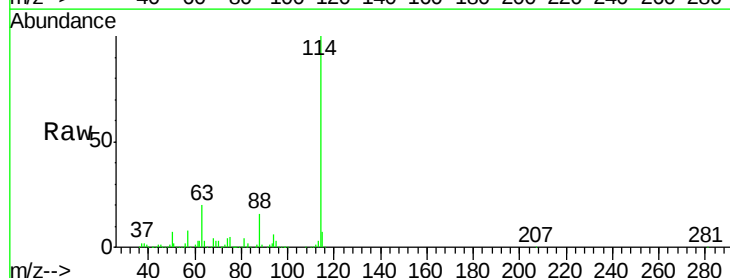
Tgt Ion: 114 Resp: 1843143

Ion Ratio Lower Upper

114 100

63 20.2 0.0 44.4

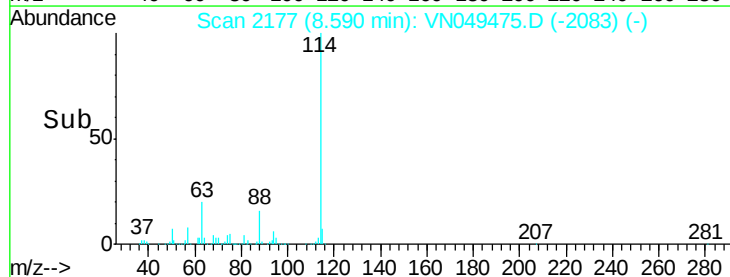
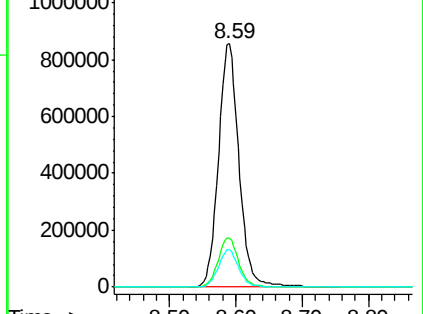
88 15.5 0.0 31.4

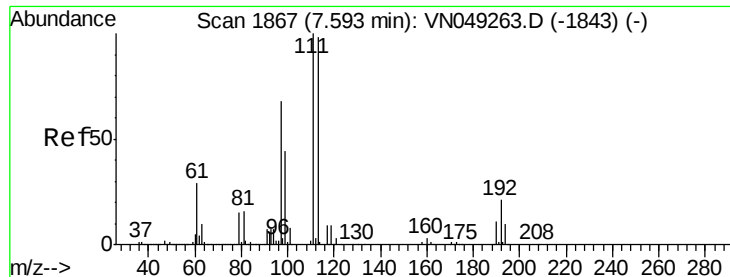


Abundance Ion 113.90 (113.60 to 114.60): VN049475.D (-2083) (-)

Ion 63.00 (62.70 to 63.70): VN049475.D (-2083) (-)

Ion 87.90 (87.60 to 88.60): VN049475.D (-2083) (-)

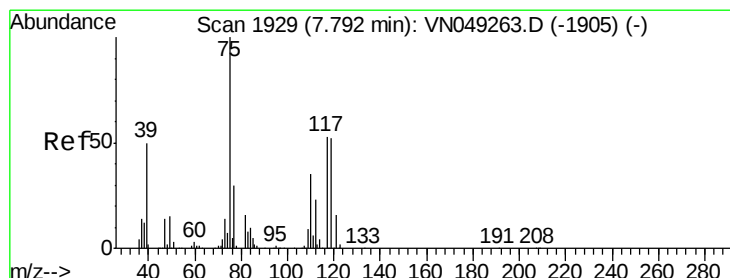
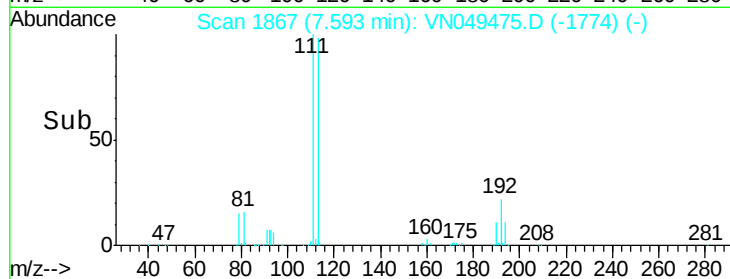
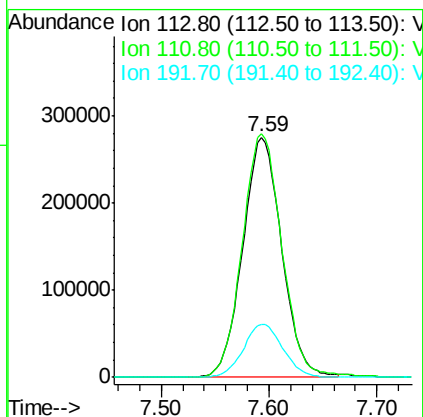
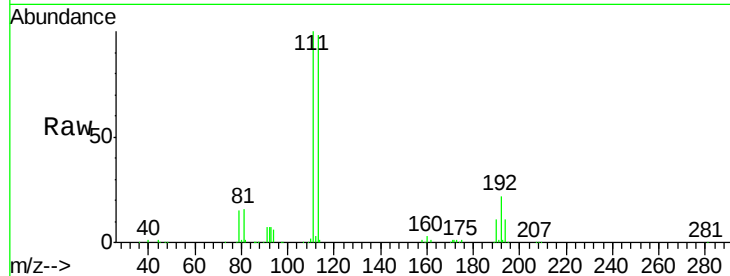




#35
 Dibromofluoromethane
 Concen: 46.32 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049475.D
 Acq: 21 Jun 2018 18:19

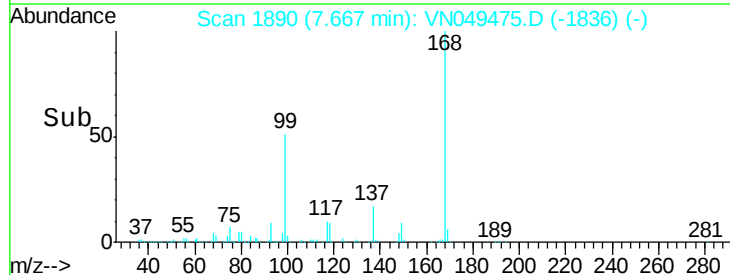
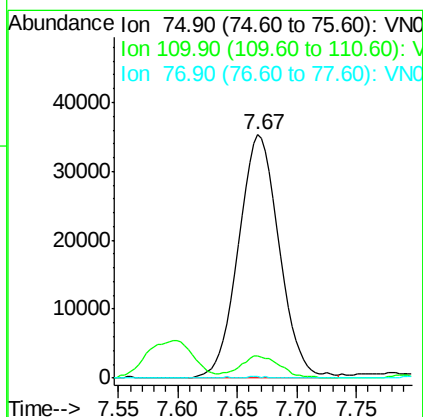
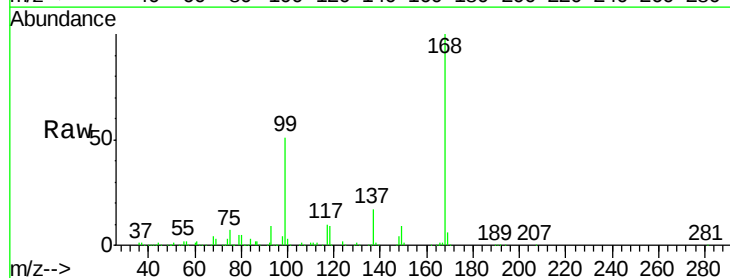
Instrument :
 MSVOA_N
 ClientSampleId :

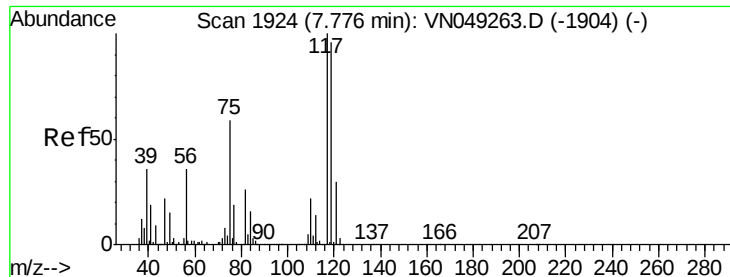
Tot Ion:113 Resp: 690745
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.4 123.6
 192 22.6 15.0 22.6#



#36
 1,1-Dichloropropene
 Concen: 3.97 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN049475.D
 Acq: 21 Jun 2018 18:19

Tgt Ion: 75 Resp: 83933
 Ion Ratio Lower Upper
 75 100
 110 8.9 17.0 50.9#
 77 0.2 24.4 36.6#





#38

Carbon Tetrachloride

Concen: 5.04 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. -0.11 min

Lab File: VN049475.D

Acq: 21 Jun 2018 18:19

Instrument :

MSVOA_N

ClientSampled :

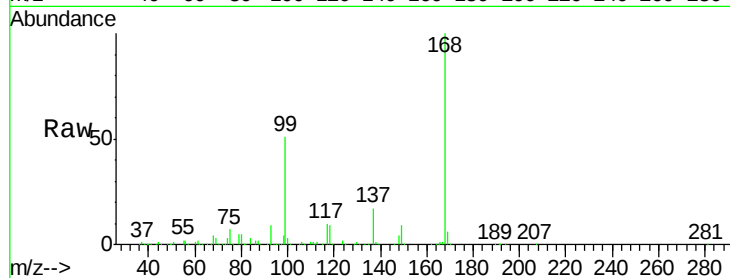
Tot Ion:117 Resp: 110299

Ion Ratio Lower Upper

117 100

119 4.8 75.6 113.4#

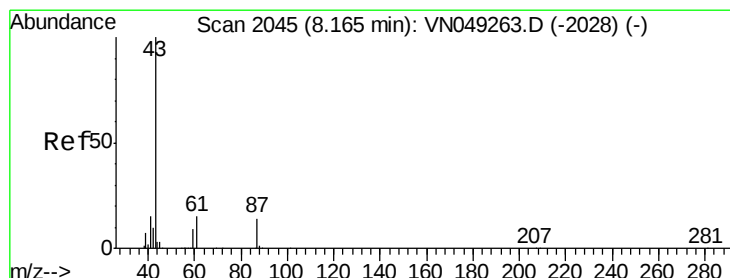
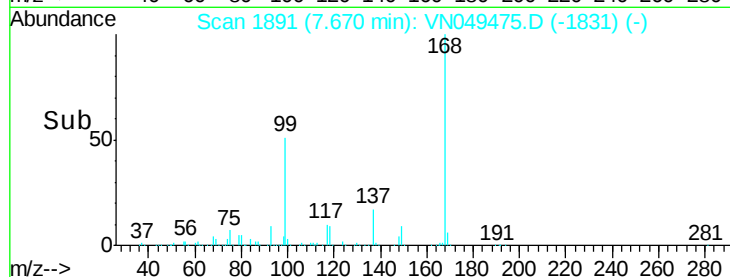
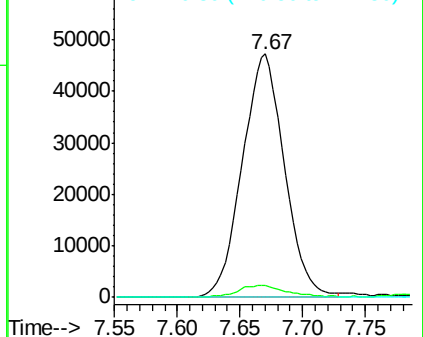
121 0.0 24.7 37.1#



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: 4.85 ug/l

RT: 8.25 min Scan# 2072

Delta R.T. 0.09 min

Lab File: VN049475.D

Acq: 21 Jun 2018 18:19

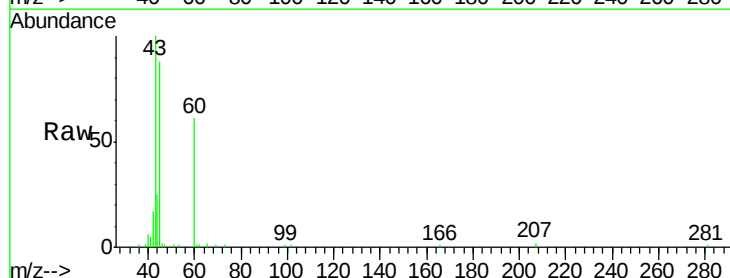
Tgt Ion: 43 Resp: 106405

Ion Ratio Lower Upper

43 100

61 0.0 14.2 21.4#

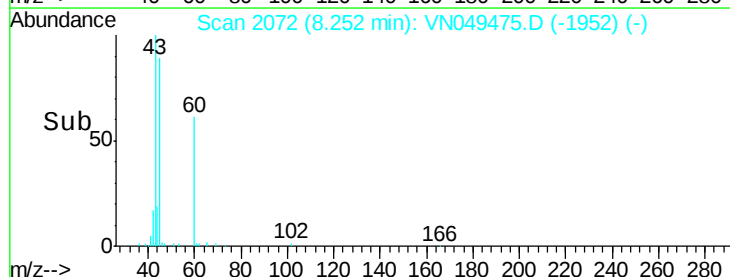
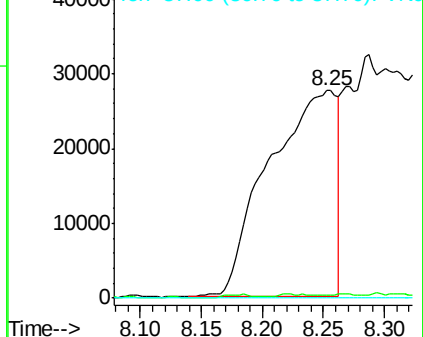
87 0.0 9.4 14.0#

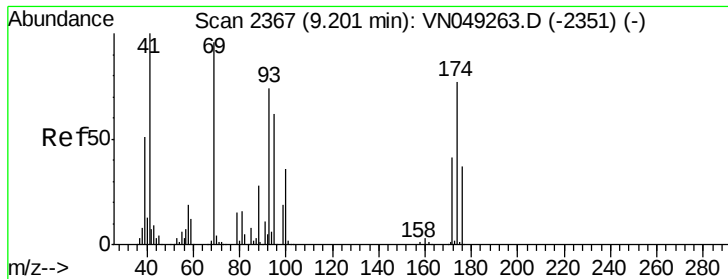


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#49

1,4-Dioxane

Concen: 1.72 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN049475.D

Acq: 21 Jun 2018 18:19

Instrument :
MSVOA_N
ClientSampled :

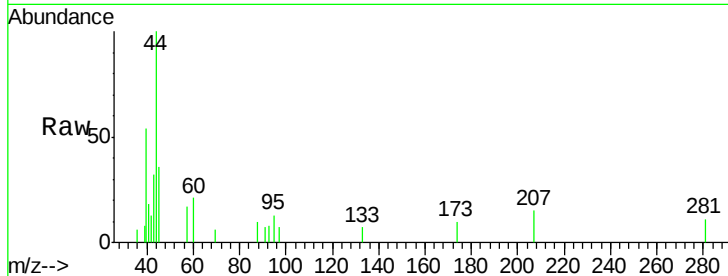
Tot Ion: 88 Resp: 246

Ion Ratio Lower Upper

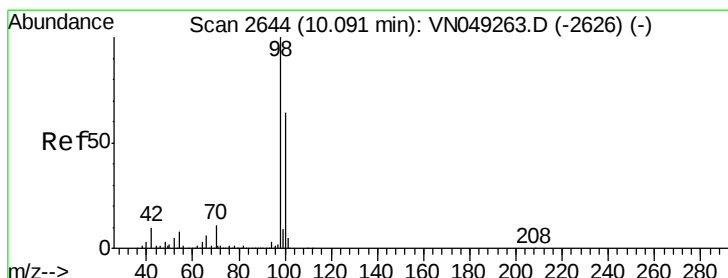
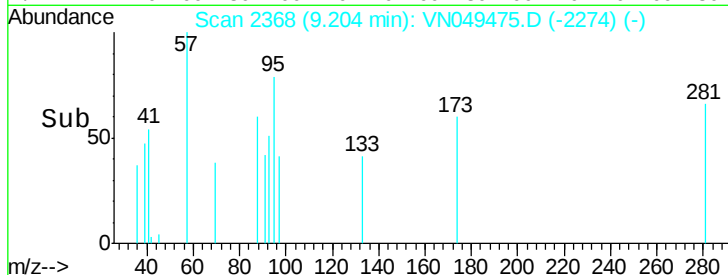
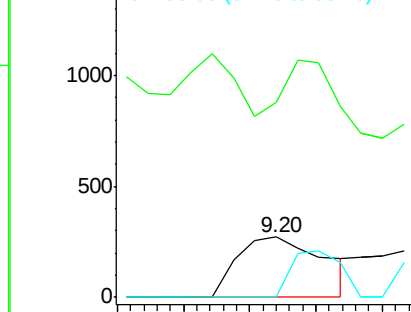
88 100

43 79.7 30.9 46.3#

58 44.3 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: 44.87 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049475.D

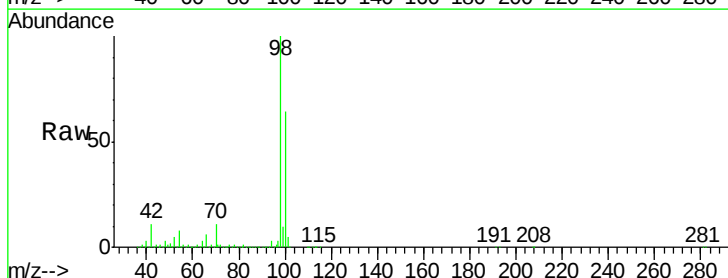
Acq: 21 Jun 2018 18:19

Tgt Ion: 98 Resp: 2547764

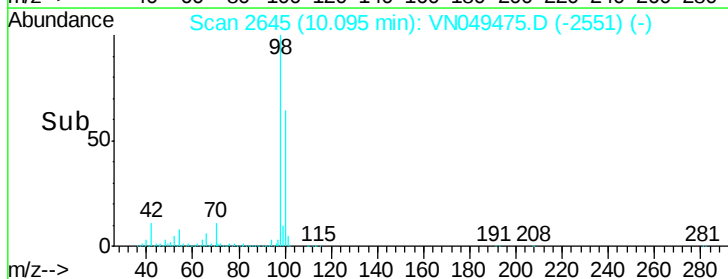
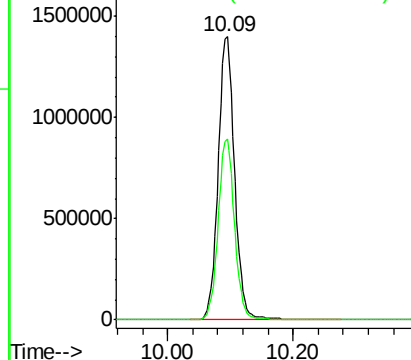
Ion Ratio Lower Upper

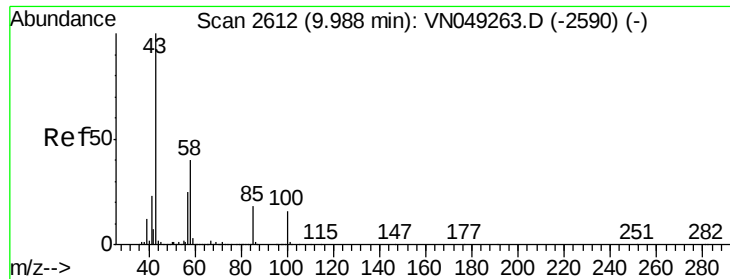
98 100

100 63.7 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: 0.54 ug/l

RT: 9.99 min Scan# 2613

Delta R.T. 0.00 min

Lab File: VN049475.D

Acq: 21 Jun 2018 18:19

Instrument :

MSVOA_N

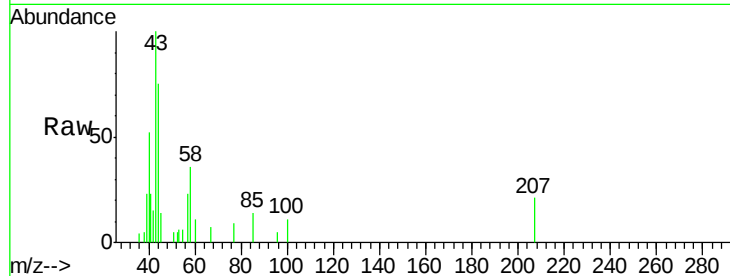
ClientSampleId :

Tot Ion: 43 Resp: 6180

Ion Ratio Lower Upper

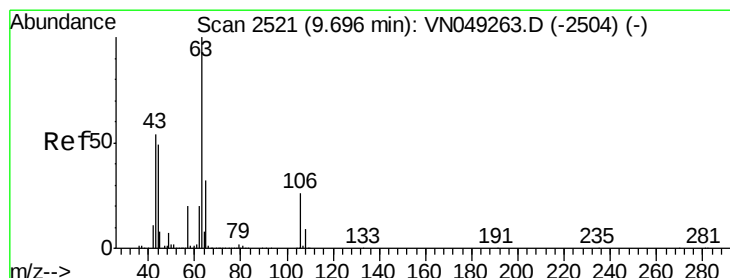
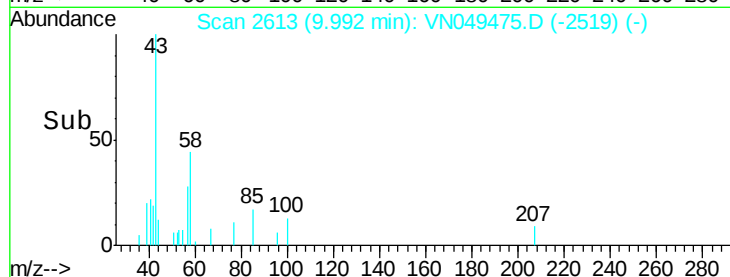
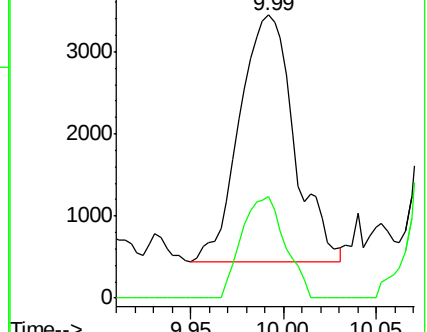
43 100

58 32.6 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN049475.D (-2519) (-)

Ion 58.00 (57.70 to 58.70): VN049475.D (-2519) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 14.33 ug/l

RT: 9.70 min Scan# 2523

Delta R.T. 0.01 min

Lab File: VN049475.D

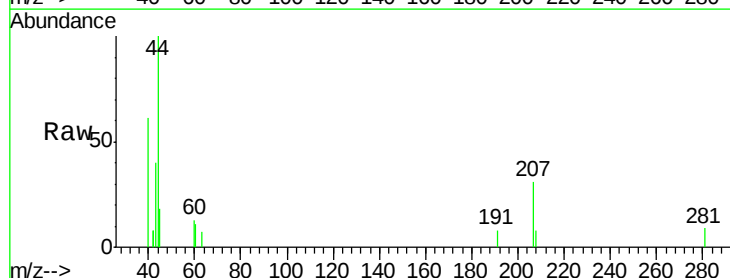
Acq: 21 Jun 2018 18:19

Tgt Ion: 63 Resp: 32

Ion Ratio Lower Upper

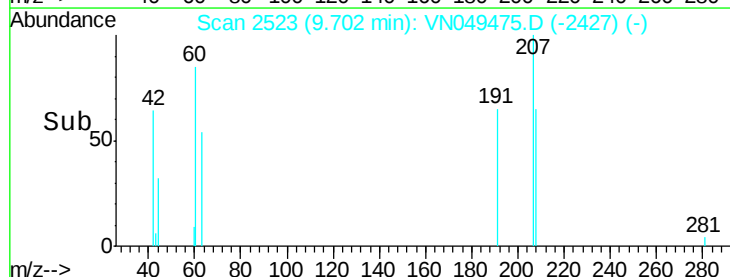
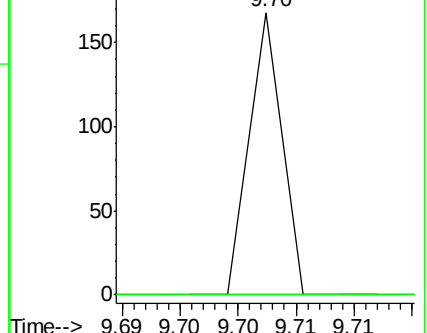
63 100

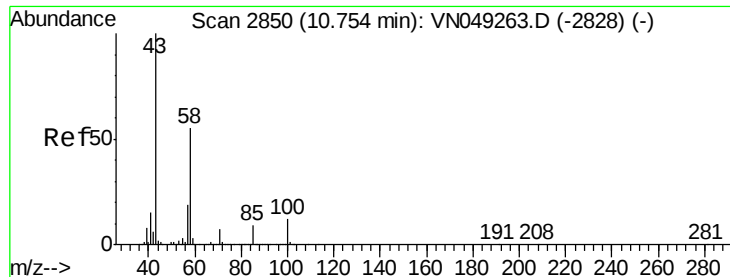
106 0.0 19.4 29.2#



Abundance Ion 62.90 (62.60 to 63.60): VN049475.D (-2427) (-)

Ion 105.90 (105.60 to 106.60): VN049475.D (-2427) (-)





#59

2-Hexanone

Concen: 0.49 ug/l

RT: 10.76 min Scan# 2852

Delta R.T. 0.01 min

Lab File: VN049475.D

Acq: 21 Jun 2018 18:19

Instrument :

MSVOA_N

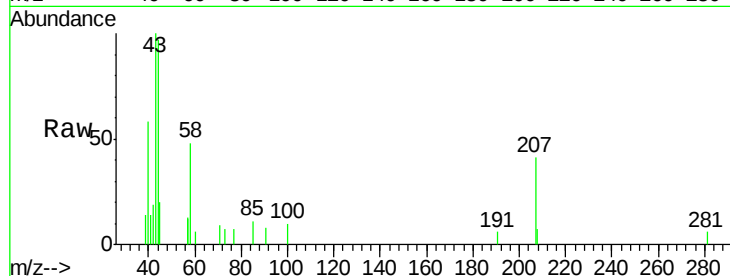
ClientSampled :

Tot Ion: 43 Resp: 3644

Ion Ratio Lower Upper

43 100

58 66.3 25.2 75.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

10.76

2500

2000

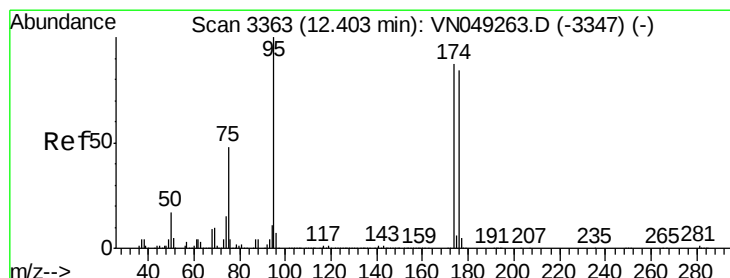
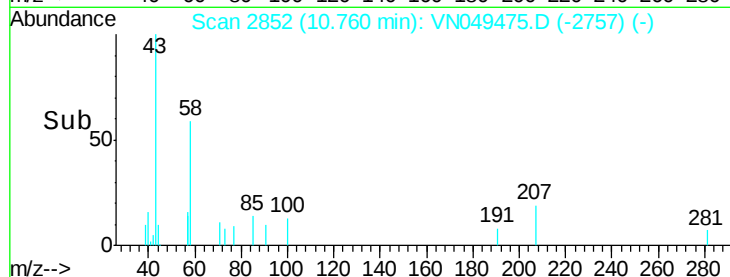
1500

1000

500

0

Time--> 10.70 10.75 10.80



#62

4-Bromofluorobenzene

Concen: 34.55 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049475.D

Acq: 21 Jun 2018 18:19

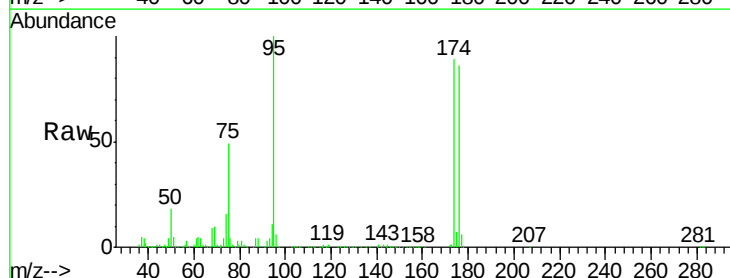
Tgt Ion: 95 Resp: 648665

Ion Ratio Lower Upper

95 100

174 89.9 0.0 165.6

176 84.8 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

500000

400000

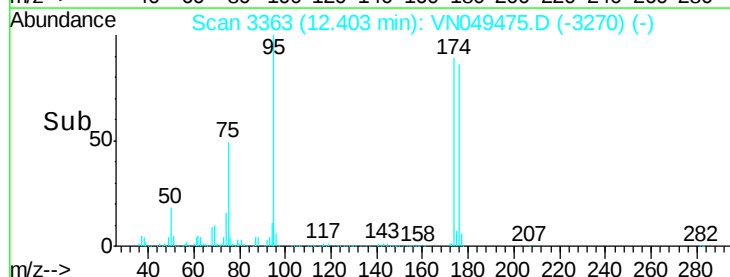
300000

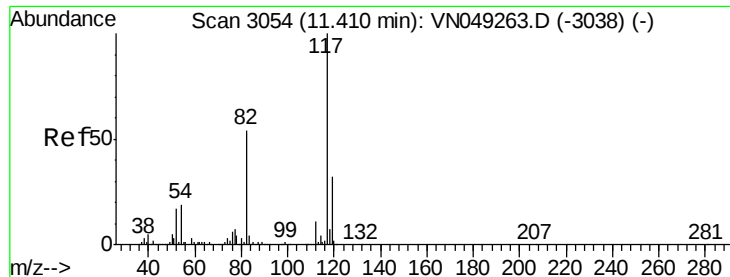
200000

100000

0

Time--> 12.30 12.40 12.50

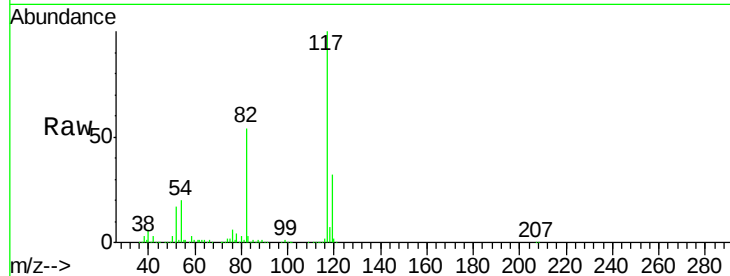




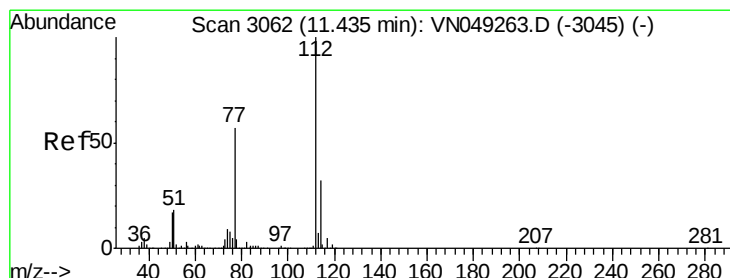
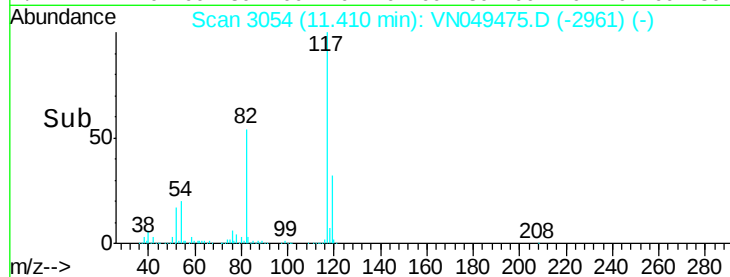
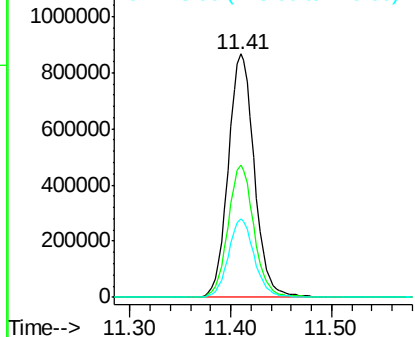
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049475.D
Acq: 21 Jun 2018 18:19

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 1563854
Ion Ratio Lower Upper
117 100
82 54.2 45.9 68.9
119 32.2 25.5 38.3

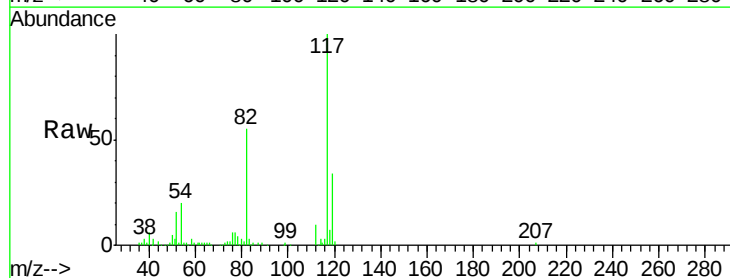


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

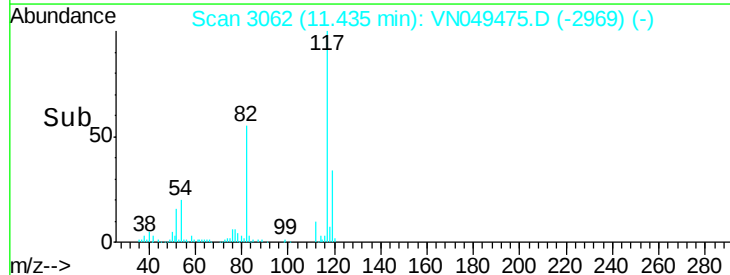
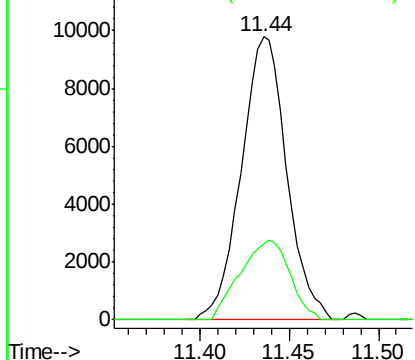


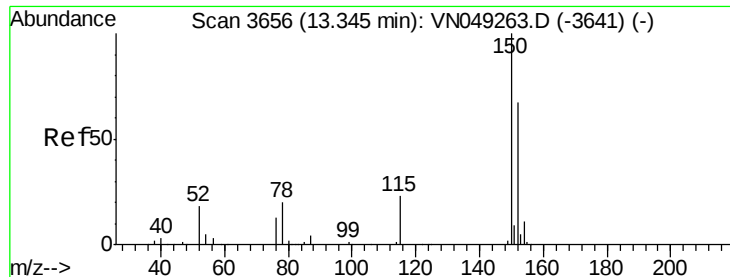
#65
Chlorobenzene
Concen: 0.43 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN049475.D
Acq: 21 Jun 2018 18:19

Tgt Ion:112 Resp: 17410
Ion Ratio Lower Upper
112 100
114 26.7 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049475.D

Acq: 21 Jun 2018 18:19

Instrument :

MSVOA_N

ClientSampled :

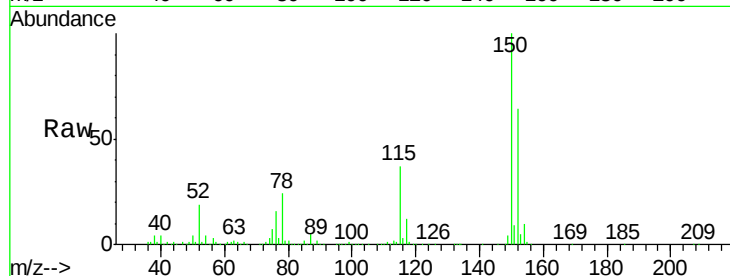
Tot Ion:152 Resp: 427711

Ion Ratio Lower Upper

152 100

115 57.0 28.7 86.1

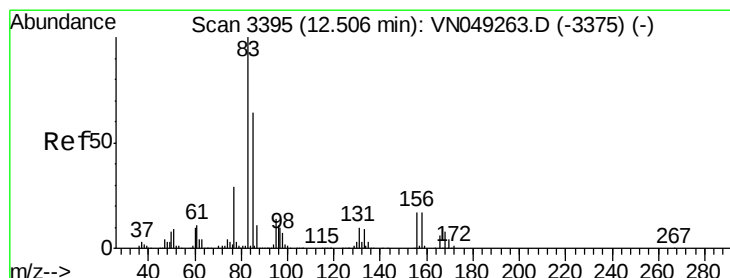
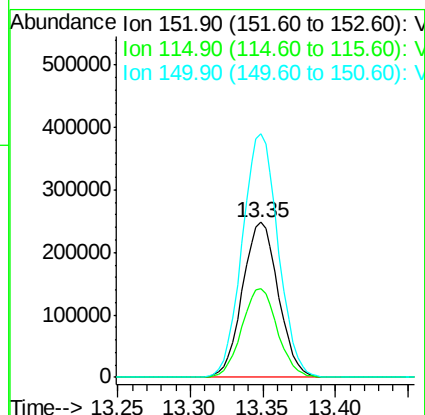
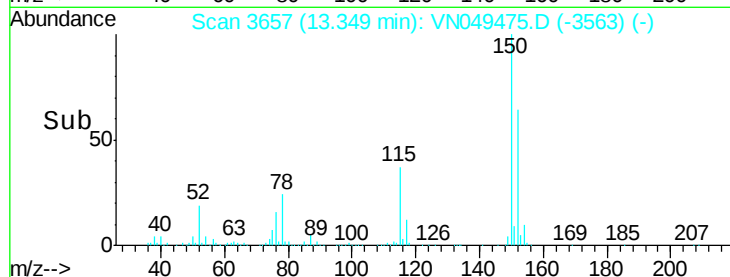
150 156.6 0.0 351.0



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# 3396

Delta R.T. 0.00 min

Lab File: VN049475.D

Acq: 21 Jun 2018 18:19

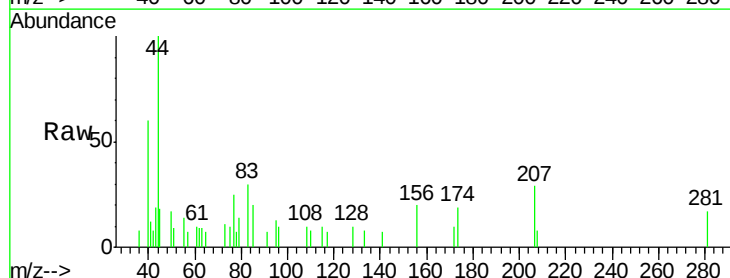
Tgt Ion: 83 Resp: 999

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

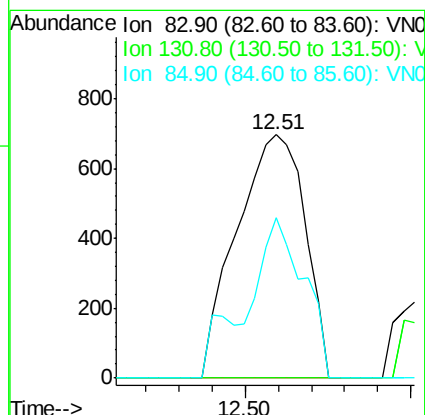
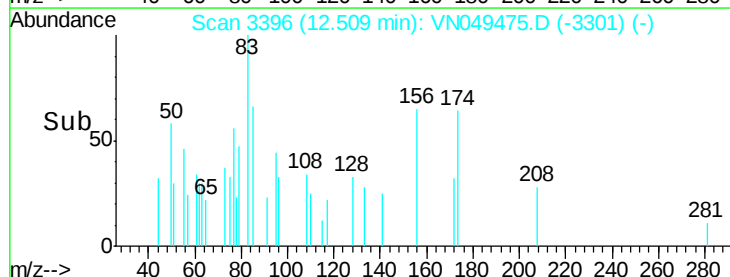
85 45.9 32.0 96.0

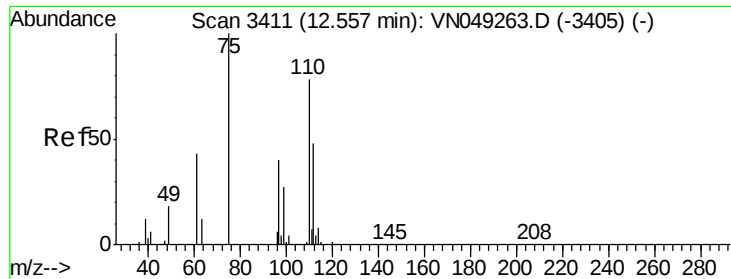


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 43.04 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049475.D

Acq: 21 Jun 2018 18:19

Instrument :

MSVOA_N

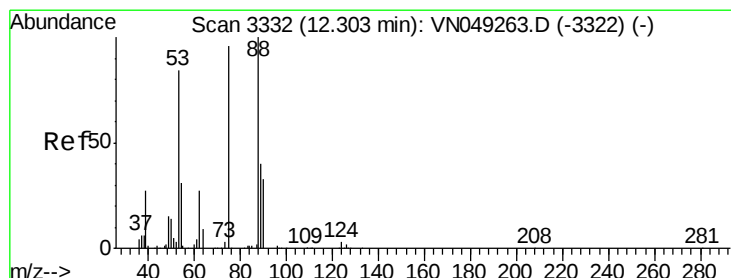
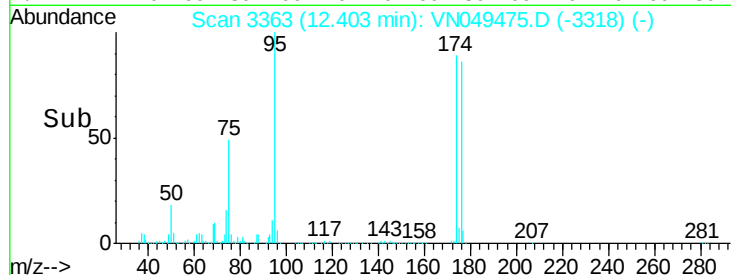
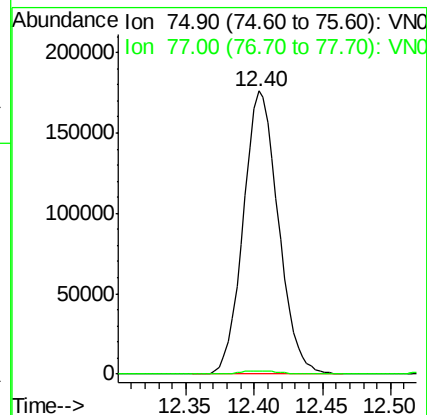
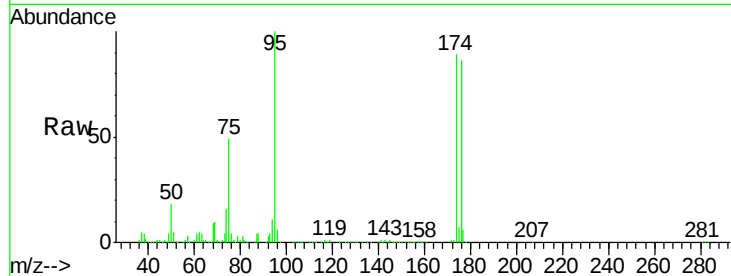
ClientSampleId :

Tot Ion: 75 Resp: 314078

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 136.02 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049475.D

Acq: 21 Jun 2018 18:19

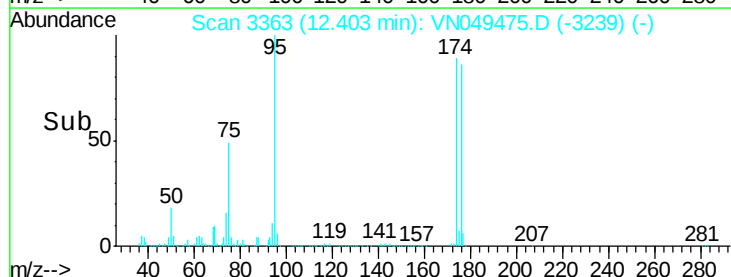
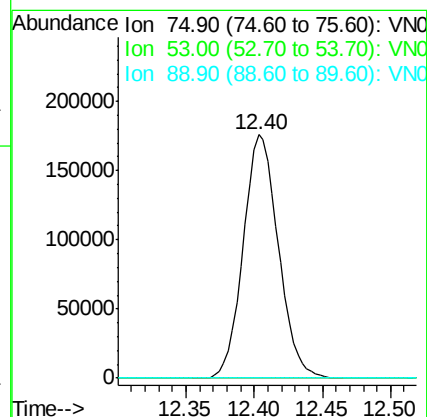
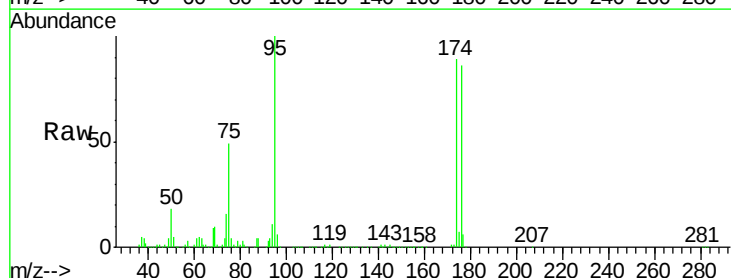
Tgt Ion: 75 Resp: 314078

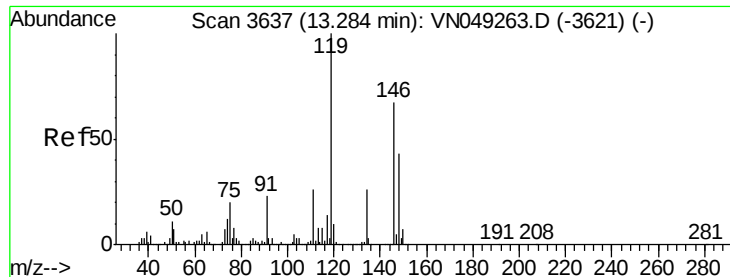
Ion Ratio Lower Upper

75 100

53 0.3 82.7 124.1#

89 0.0 36.5 54.7#





#87

1,3-Dichlorobenzene

Concen: 0.24 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. 0.01 min

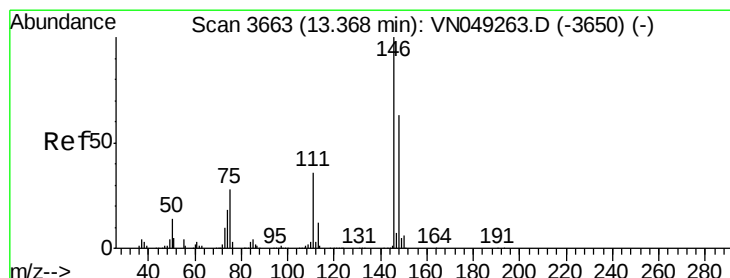
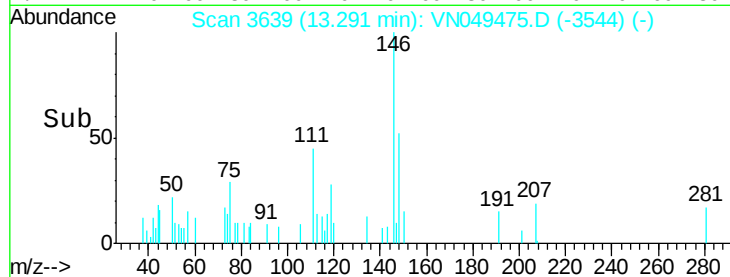
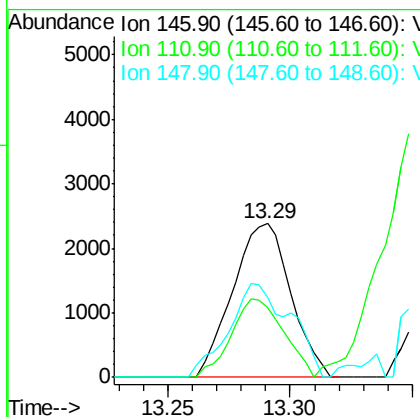
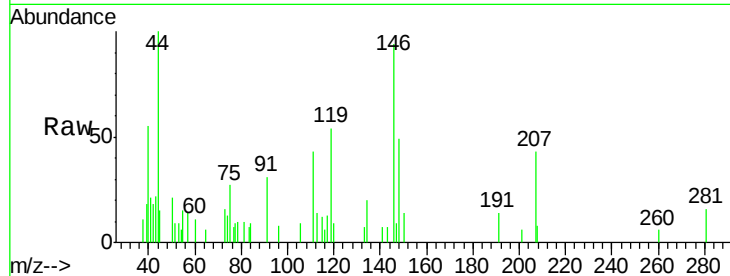
Lab File: VN049475.D

Acq: 21 Jun 2018 18:19

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:146 Resp: 3931

Ion	Ratio	Lower	Upper
146	100		
111	45.9	19.9	59.6
148	64.8	32.1	96.5



#88

1,4-Dichlorobenzene

Concen: 0.24 ug/l

RT: 13.29 min Scan# 3639

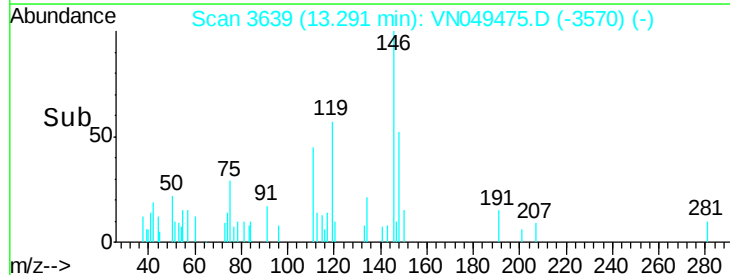
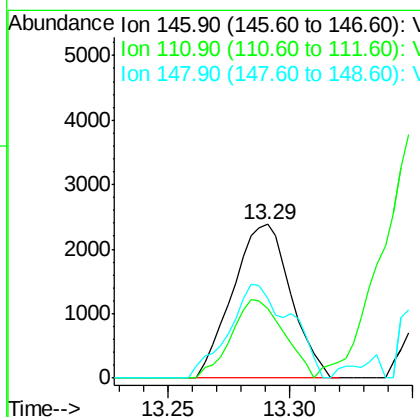
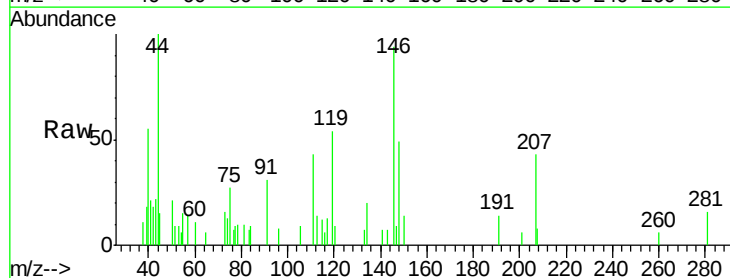
Delta R.T. -0.08 min

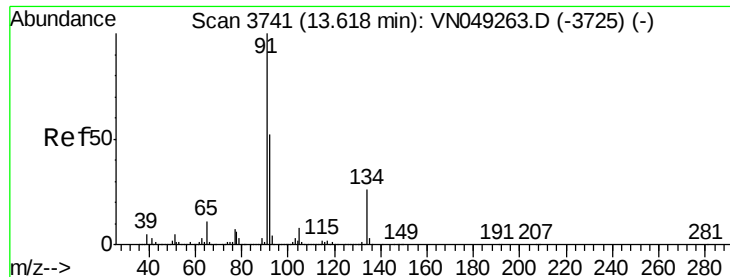
Lab File: VN049475.D

Acq: 21 Jun 2018 18:19

Tgt Ion:146 Resp: 3931

Ion	Ratio	Lower	Upper
146	100		
111	45.9	19.1	57.1
148	64.8	32.0	96.2

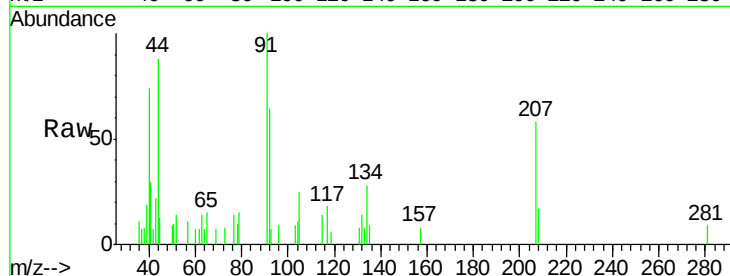




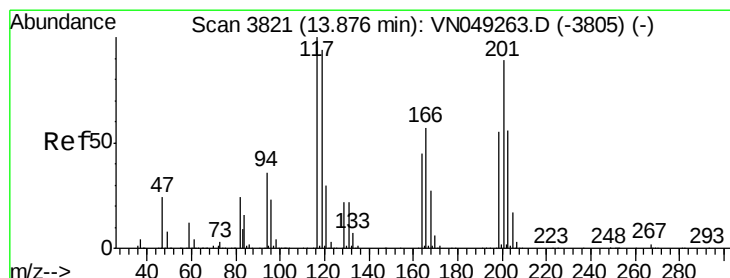
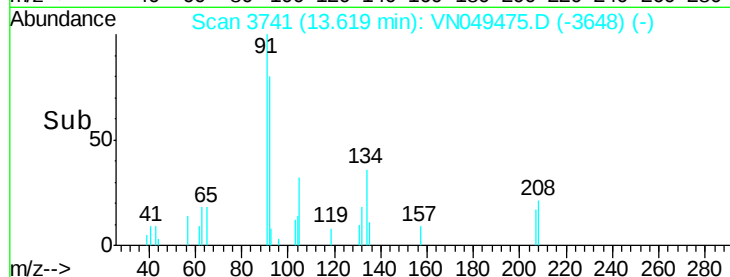
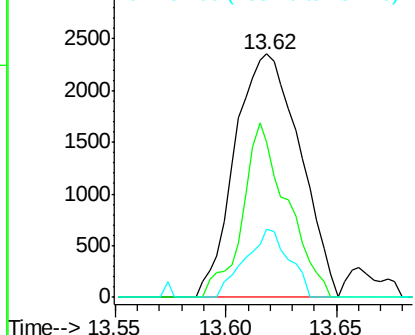
#89
n-Butylbenzene
Concen: 0.21 ug/l
RT: 13.62 min Scan# 3741
Delta R.T. 0.00 min
Lab File: VN049475.D
Acq: 21 Jun 2018 18:19

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 91 Resp: 4805
Ion Ratio Lower Upper
91 100
92 49.2 25.1 75.4
134 19.0 12.0 36.0

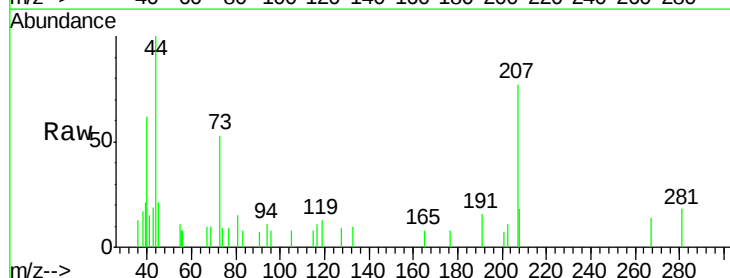


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): VN0

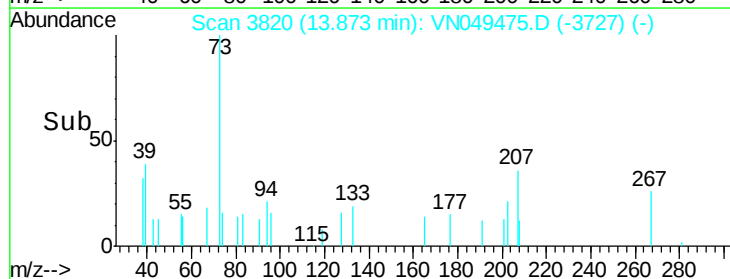
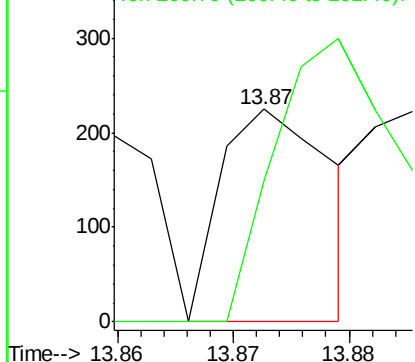


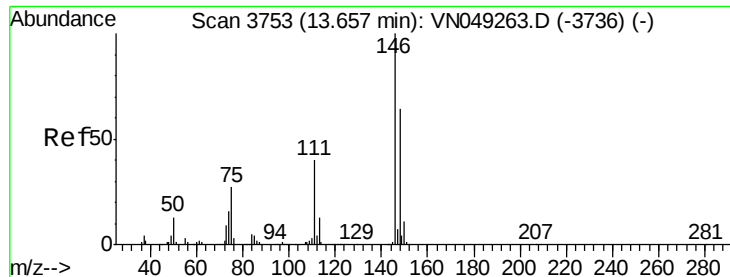
#90
Hexachloroethane
Concen: Below Cal
RT: 13.87 min Scan# 3820
Delta R.T. -0.00 min
Lab File: VN049475.D
Acq: 21 Jun 2018 18:19

Tgt Ion: 117 Resp: 149
Ion Ratio Lower Upper
117 100
201 162.4 40.1 120.2#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 0.21 ug/l

RT: 13.65 min Scan# 3752

Delta R.T. -0.00 min

Lab File: VN049475.D

Acq: 21 Jun 2018 18:19

Instrument :

MSVOA_N

ClientSampleId :

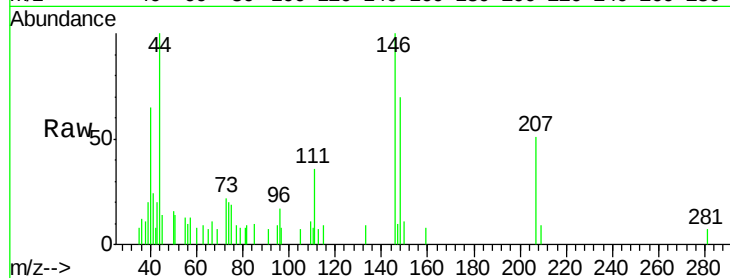
Tot Ion:146 Resp: 3399

Ion Ratio Lower Upper

146 100

111 31.0 20.8 62.2

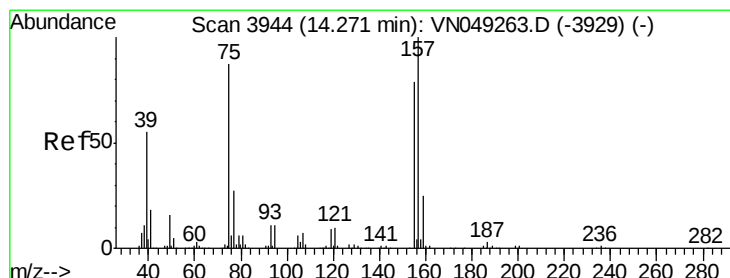
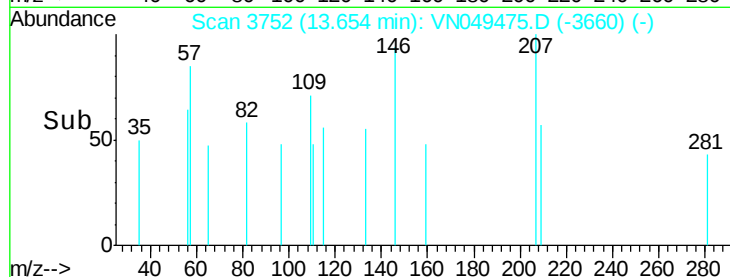
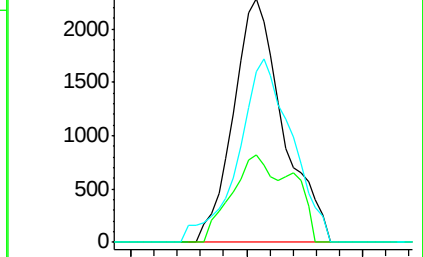
148 81.3 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.70 ug/l

RT: 14.26 min Scan# 3942

Delta R.T. -0.01 min

Lab File: VN049475.D

Acq: 21 Jun 2018 18:19

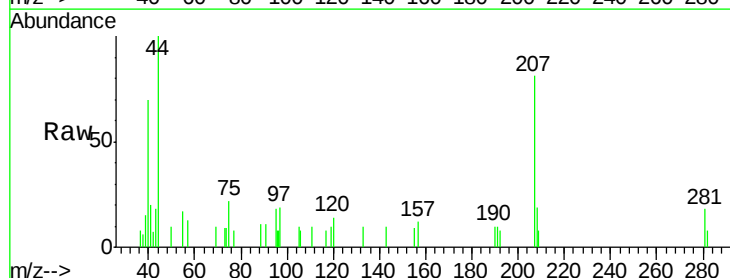
Tgt Ion: 75 Resp: 921

Ion Ratio Lower Upper

75 100

155 43.9 38.8 116.3

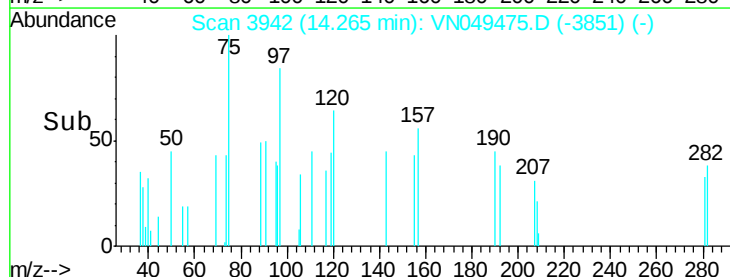
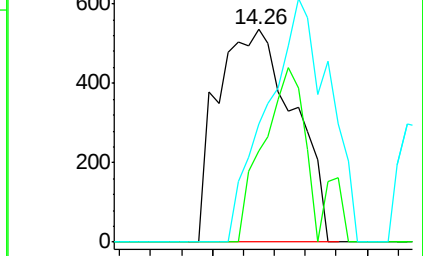
157 92.2 51.0 153.1

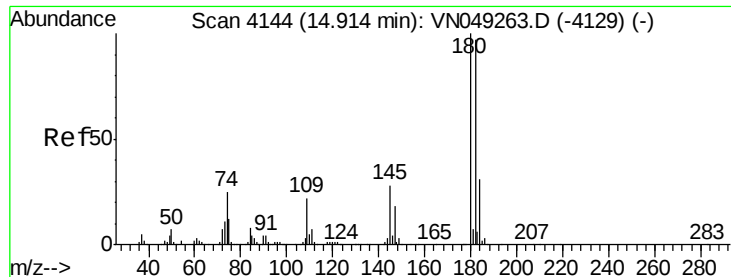


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

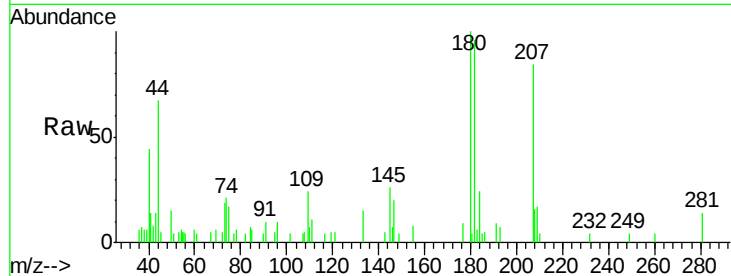




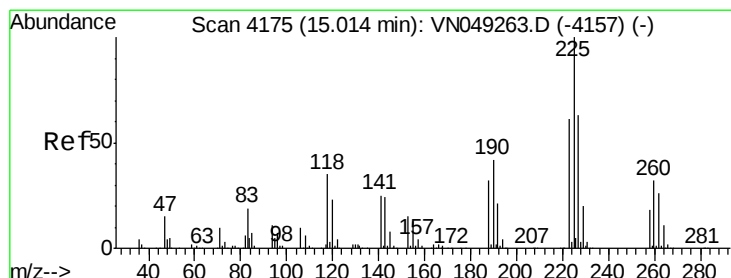
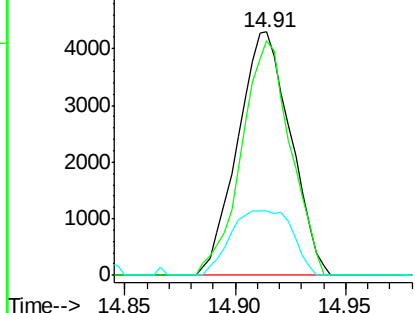
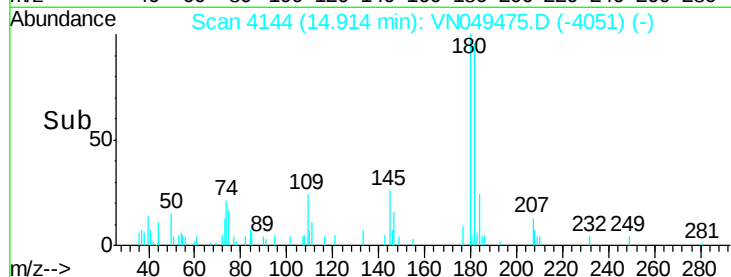
#93
 1,2,4-Trichlorobenzene
 Concen: 5.62 ua/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN049475.D
 Acq: 21 Jun 2018 18:19

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 7145
 Ion Ratio Lower Upper
 180 100
 182 89.2 46.9 140.8
 145 31.0 14.7 44.1

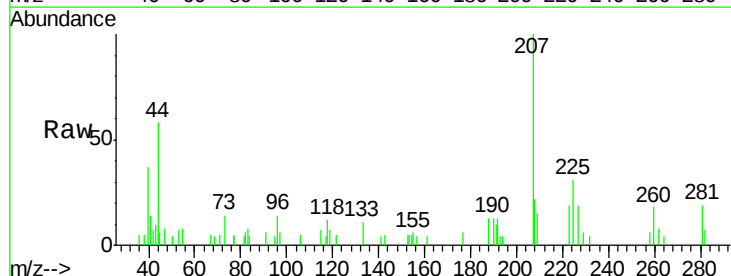


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

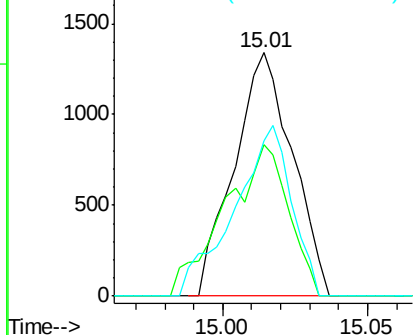
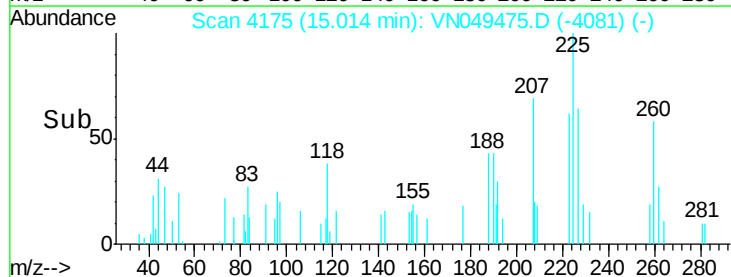


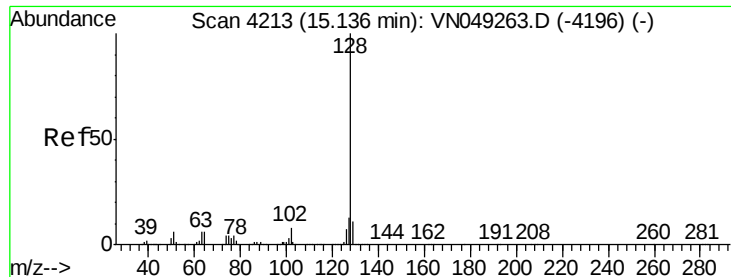
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049475.D
 Acq: 21 Jun 2018 18:19

Tgt Ion:225 Resp: 1874
 Ion Ratio Lower Upper
 225 100
 223 68.4 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

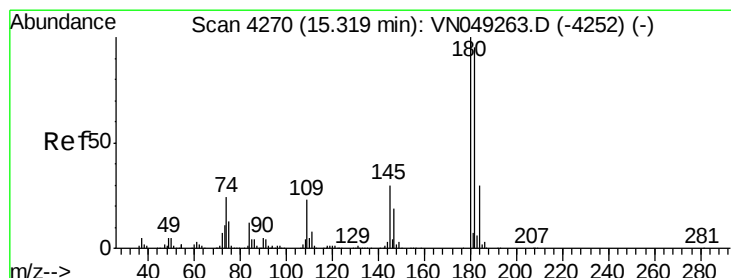
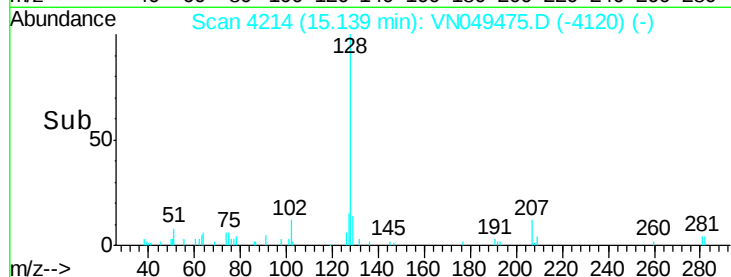
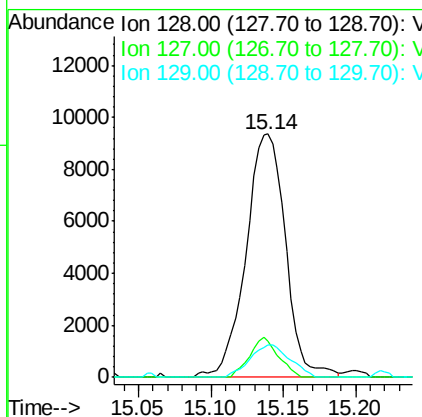
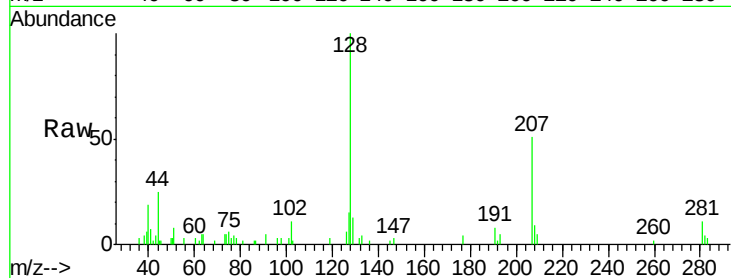




#95
Naphthalene
Concen: 3.58 ug/l
RT: 15.14 min Scan# 4214
Delta R.T. 0.00 min
Lab File: VN049475.D
Acq: 21 Jun 2018 18:19

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 17810
Ion Ratio Lower Upper
128 100
127 11.9 10.6 16.0
129 13.4 8.5 12.7#



#96
1,2,3-Trichlorobenzene
Concen: 4.40 ug/l
RT: 15.32 min Scan# 4270
Delta R.T. 0.00 min
Lab File: VN049475.D
Acq: 21 Jun 2018 18:19

Tgt Ion:180 Resp: 7289
Ion Ratio Lower Upper
180 100
182 101.8 47.3 141.8
145 34.9 15.6 46.7

