

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN063018\
 Data File : VN049658.D
 Acq On : 30 Jun 2018 20:01
 Operator : MD\SY
 Sample : J3752-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 02 01:26:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 30 00:55:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1255874	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1957525	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1612940	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	544605	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	809992	48.84	ug/l	0.00
Spiked Amount			Recovery	=	97.68%	
35) Dibromofluoromethane	7.59	113	717512	49.03	ug/l	0.00
Spiked Amount			Recovery	=	98.06%	
50) Toluene-d8	10.09	98	2662206	46.47	ug/l	0.00
Spiked Amount			Recovery	=	92.94%	
62) 4-Bromofluorobenzene	12.40	95	725695	37.11	ug/l	0.00
Spiked Amount			Recovery	=	74.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	2.18	62	183465	9.66	ug/l	98
6) Chloroethane	2.70	64	11783	0.98	ug/l	94
11) Tert butyl alcohol	4.78	59	201	0.21	ug/l #	1
12) 1,1-Dichloroethene	3.73	96	1062840	72.05	ug/l	99
13) Acrolein	3.61	56	700	0.79	ug/l	92
16) Acetone	3.82	43	54393	8.62	ug/l	100
17) Carbon Disulfide	4.05	76	2626	Below Cal	#	75
18) Methyl Acetate	4.34	43	38339	Below Cal		97
24) 1,1-Dichloroethane	5.85	63	790411	27.37	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	200385	11.82	ug/l	89
29) Tetrahydrofuran	7.23	42	852	0.24	ug/l #	50
31) Cyclohexane	7.67	56	26015	0.31	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	84254	3.83	ug/l #	49
38) Carbon Tetrachloride	7.67	117	107431	5.01	ug/l #	15
39) Methylcyclohexane	9.08	83	5371	0.22	ug/l #	92
40) Benzene	8.05	78	34016	0.51	ug/l	99
42) 1,2-Dichloroethane	8.13	62	46037	2.15	ug/l	100
43) Isopropyl Acetate	8.14	43	27424	0.50	ug/l #	87
44) Trichloroethene	8.83	130	15238	0.75	ug/l	99
49) 1,4-Dioxane	9.20	88	77570	505.47	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.78	63	1080	10.93	ug/l #	48
59) 2-Hexanone	10.78	43	3005	0.36	ug/l #	34
75) 1,1,2,2-Tetrachloroethane	12.47	83	237	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	355374	40.69	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	355374	138.19	ug/l #	20
83) tert-Butylbenzene	13.00	119	6511	0.21	ug/l	95
87) 1,3-Dichlorobenzene	13.28	146	379	Below Cal	#	1
88) 1,4-Dichlorobenzene	13.36	146	957	Below Cal	#	1
91) 1,2-Dichlorobenzene	13.65	146	956	Below Cal	#	26
92) 1,2-Dibromo-3-Chloropropan	14.26	75	428	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.91	180	148	2.42	ug/l #	1
95) Naphthalene	15.14	128	670	4.07	ug/l #	71
96) 1,2,3-Trichlorobenzene	15.31	180	420	1.69	ug/l #	9

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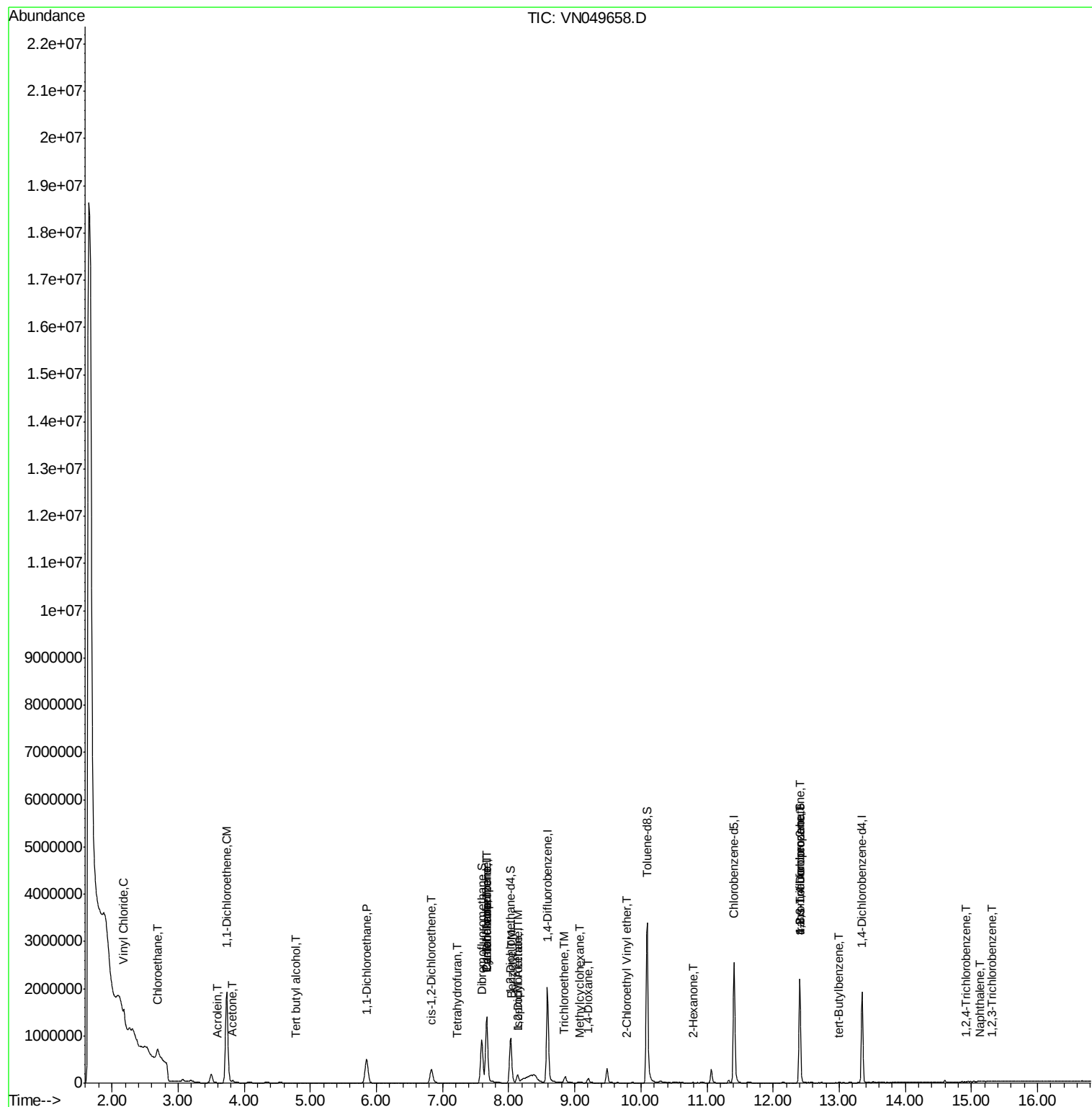
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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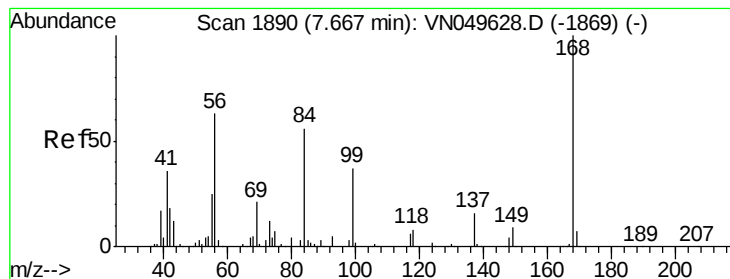
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049658.D

Acq: 30 Jun 2018 20:01

Instrument :

MSVOA_N

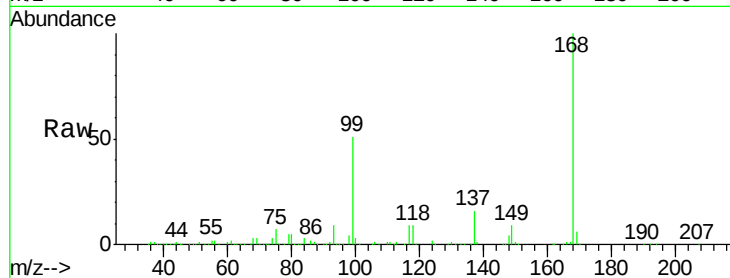
ClientSampleId :

Tot Ion:168 Resp: 1255874

Ion Ratio Lower Upper

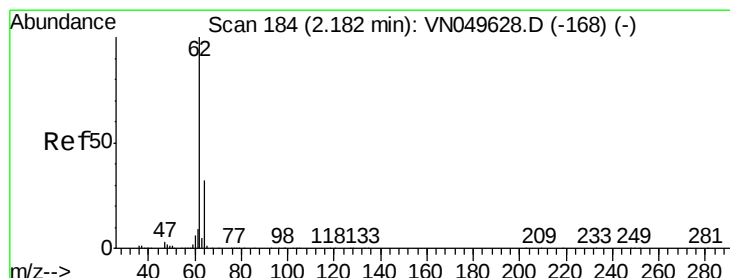
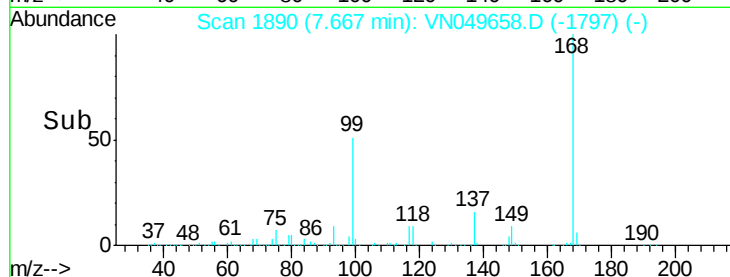
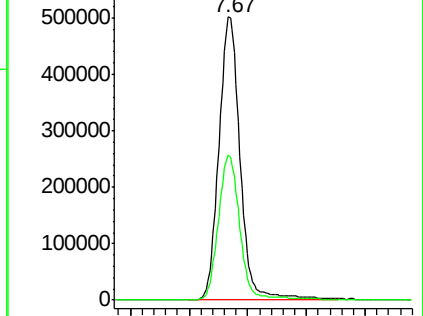
168 100

99 51.3 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#4

Vinyl Chloride

Concen: 9.66 ug/l

RT: 2.18 min Scan# 184

Delta R.T. 0.00 min

Lab File: VN049658.D

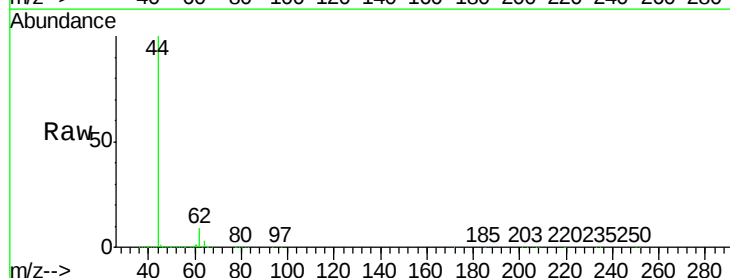
Acq: 30 Jun 2018 20:01

Tgt Ion: 62 Resp: 183465

Ion Ratio Lower Upper

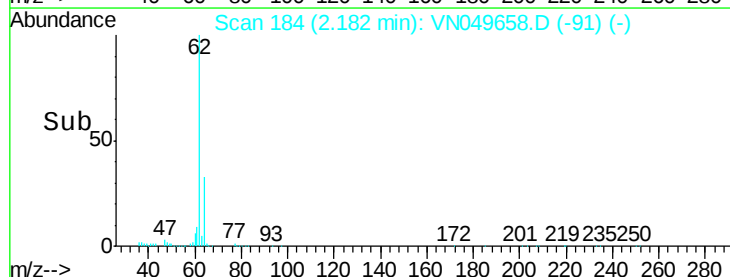
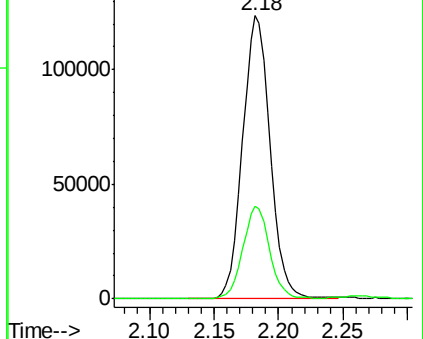
62 100

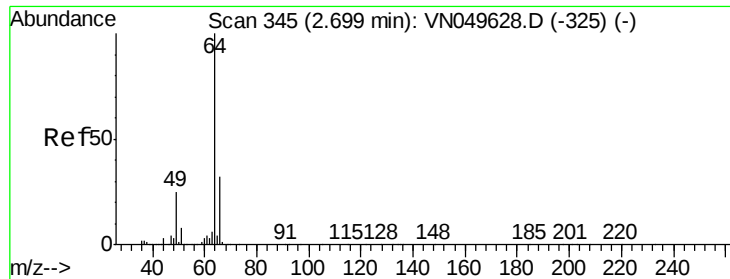
64 32.8 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#6

Chloroethane

Concen: 0.98 ug/l

RT: 2.70 min Scan# 345

Delta R.T. 0.00 min

Lab File: VN049658.D

Acq: 30 Jun 2018 20:01

Instrument :

MSVOA_N

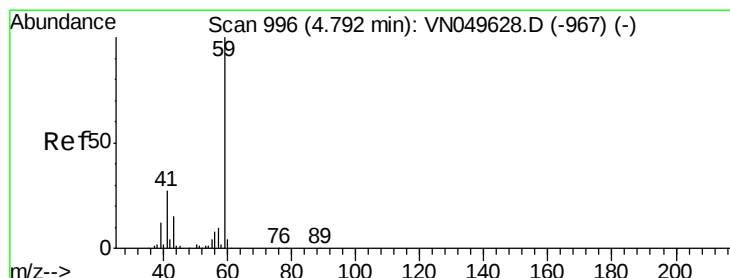
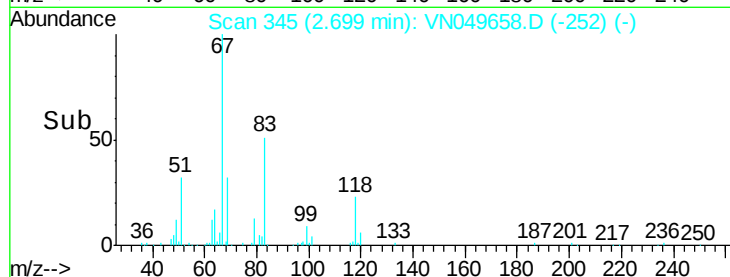
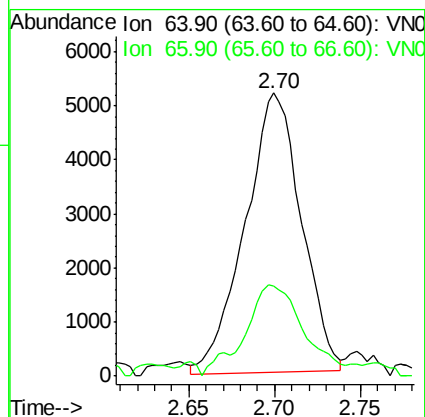
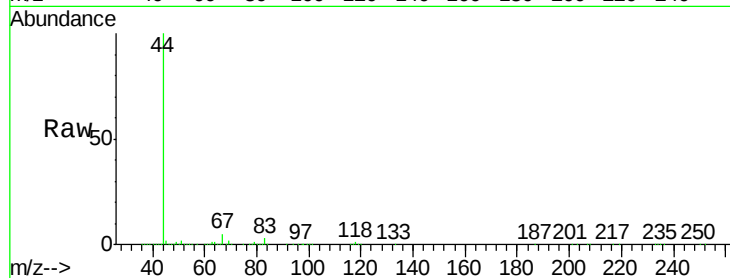
ClientSampleId :

Tot Ion: 64 Resp: 11783

Ion Ratio Lower Upper

64 100

66 28.6 25.6 38.4



#11

Tert butyl alcohol

Concen: 0.21 ug/l

RT: 4.78 min Scan# 993

Delta R.T. -0.01 min

Lab File: VN049658.D

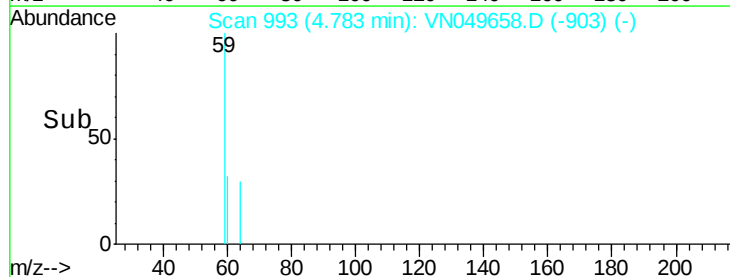
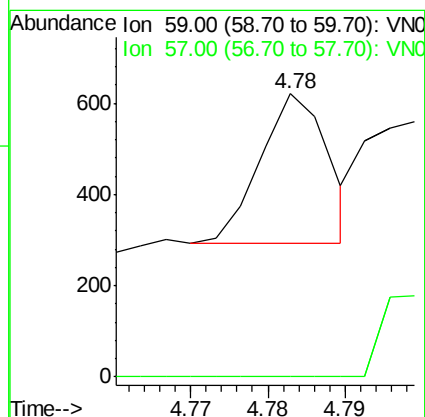
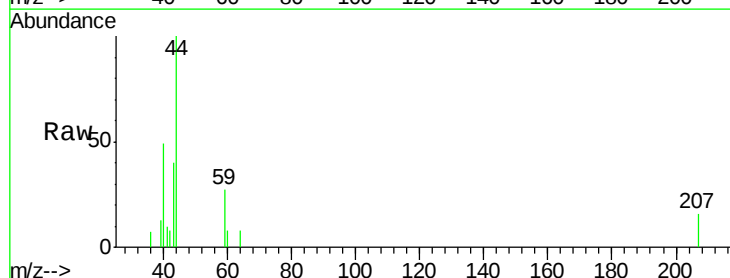
Acq: 30 Jun 2018 20:01

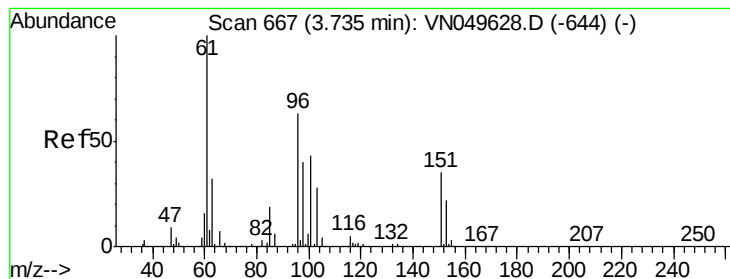
Tgt Ion: 59 Resp: 201

Ion Ratio Lower Upper

59 100

57 48.8 8.5 12.7#





#12

1,1-Dichloroethene

Concen: 72.05 ug/l

RT: 3.73 min Scan# 667

Delta R.T. 0.00 min

Lab File: VN049658.D

Acq: 30 Jun 2018 20:01

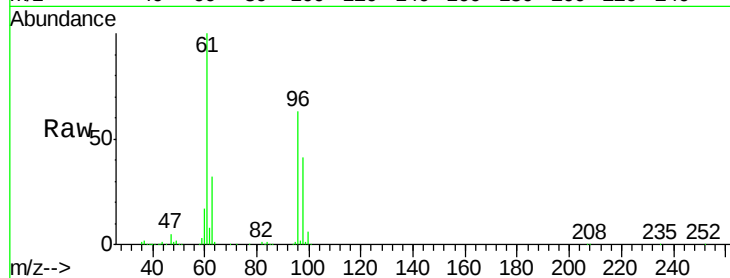
Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 96 Resp: 1062840

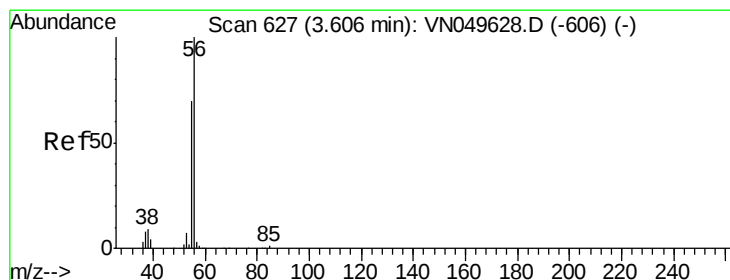
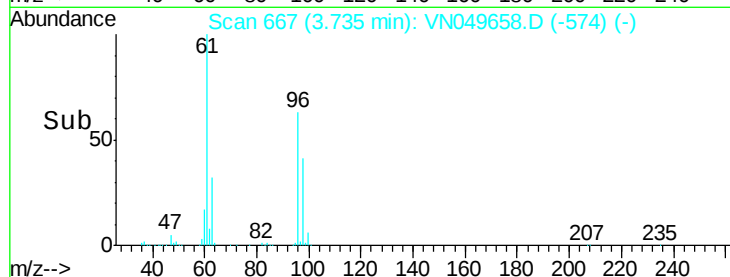
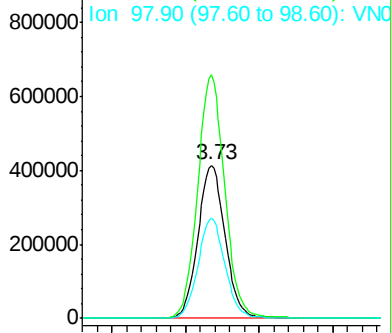
Ion	Ratio	Lower	Upper
96	100		
61	159.4	126.5	189.7
98	65.2	51.0	76.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#13

Acrolein

Concen: 0.79 ug/l

RT: 3.61 min Scan# 627

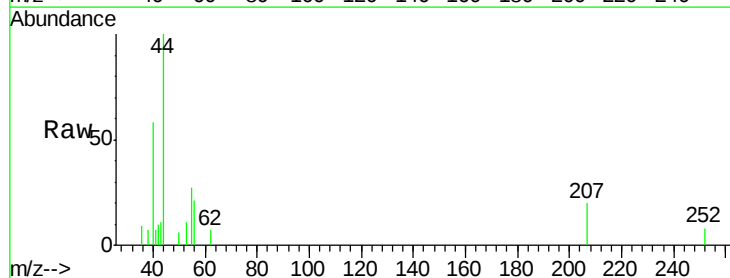
Delta R.T. 0.00 min

Lab File: VN049658.D

Acq: 30 Jun 2018 20:01

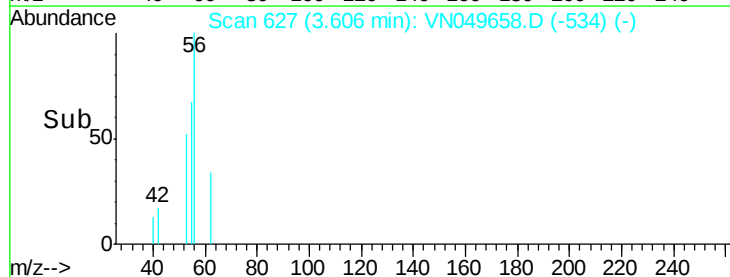
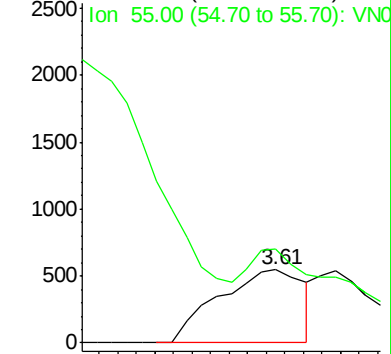
Tgt Ion: 56 Resp: 700

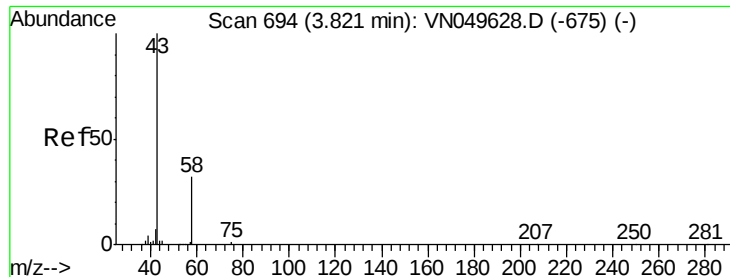
Ion	Ratio	Lower	Upper
56	100		
55	63.4	55.8	83.8



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0





#16

Acetone

Concen: 8.62 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN049658.D

Acq: 30 Jun 2018 20:01

Instrument :

MSVOA_N

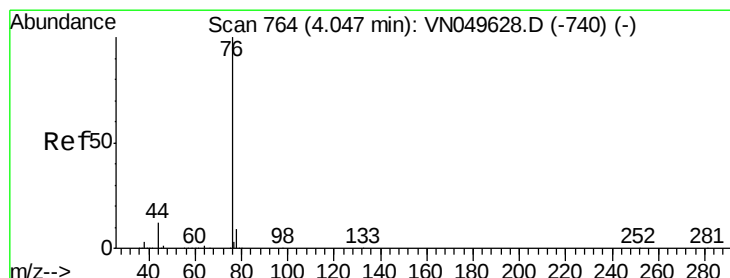
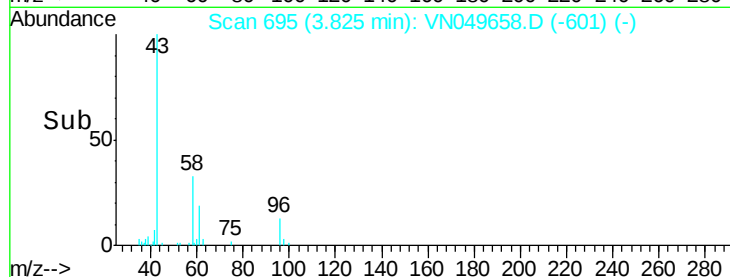
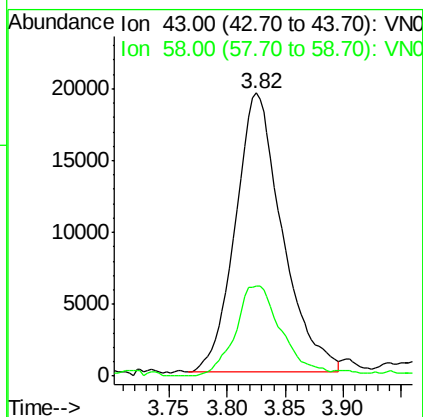
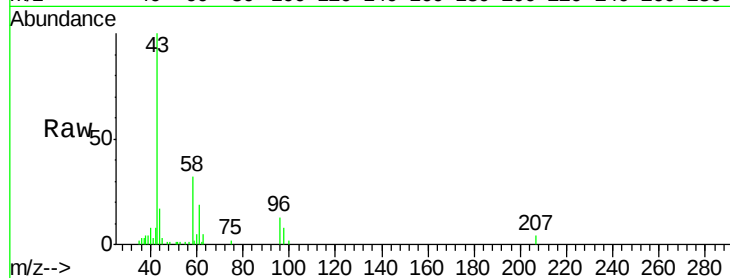
ClientSampled :

Tot Ion: 43 Resp: 54393

Ion Ratio Lower Upper

43 100

58 32.5 25.9 38.9



#17

Carbon Disulfide

Concen: Below Cal

RT: 4.05 min Scan# 764

Delta R.T. 0.00 min

Lab File: VN049658.D

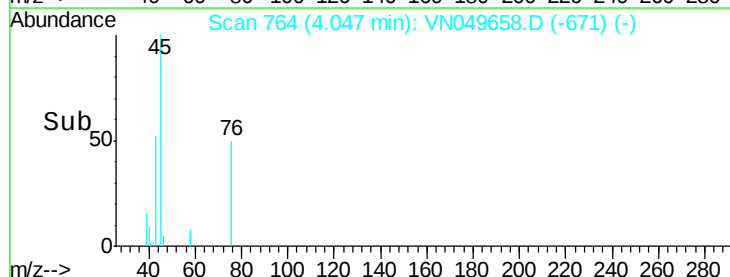
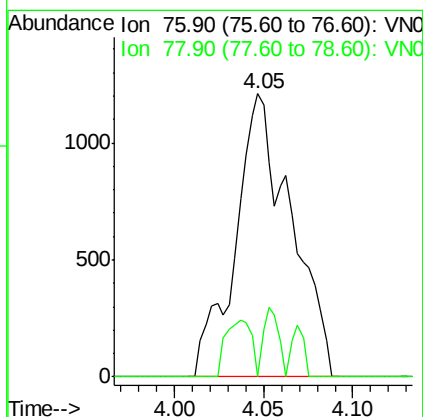
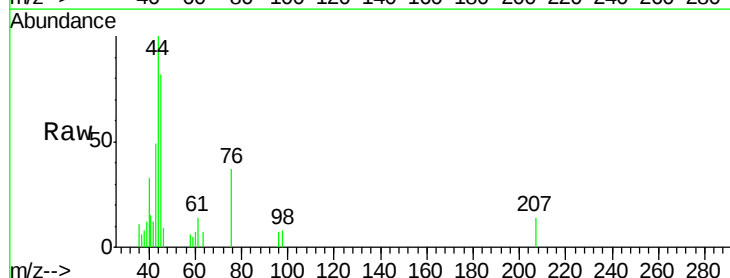
Acq: 30 Jun 2018 20:01

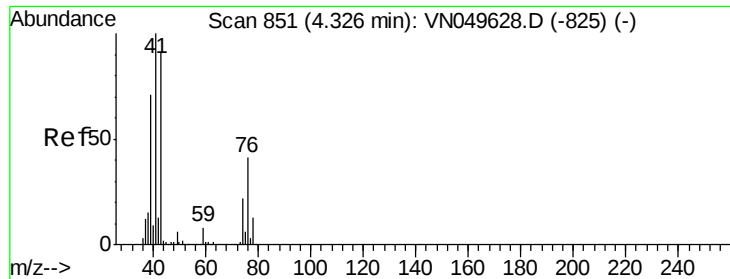
Tgt Ion: 76 Resp: 2626

Ion Ratio Lower Upper

76 100

78 0.0 7.1 10.7#

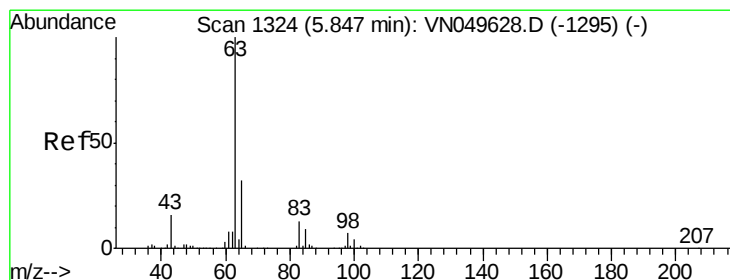
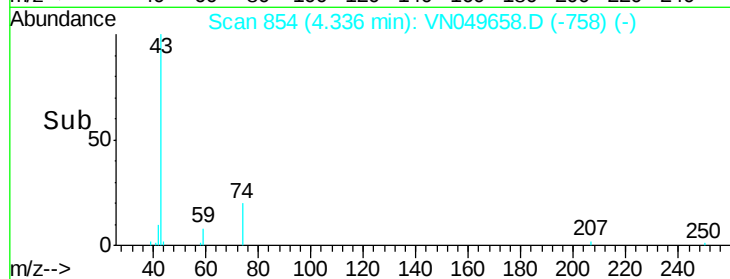
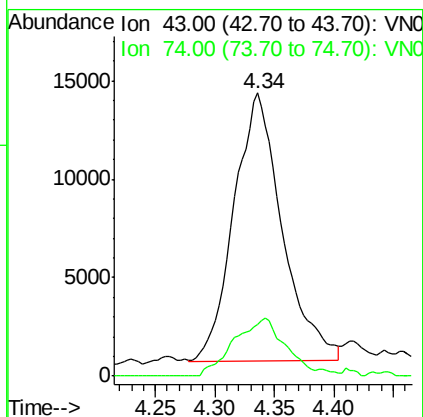
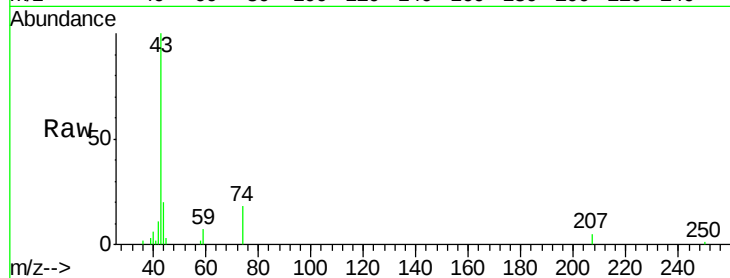




#18
Methvl Acetate
Concen: Below Cal
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN049658.D
Acq: 30 Jun 2018 20:01

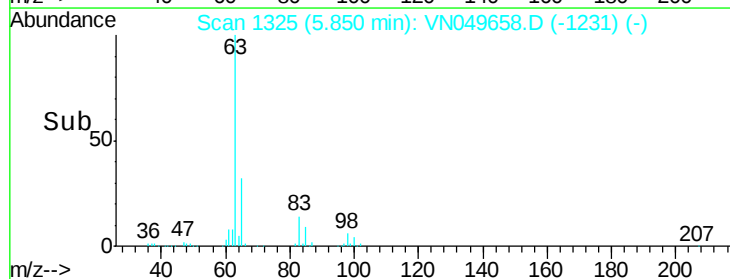
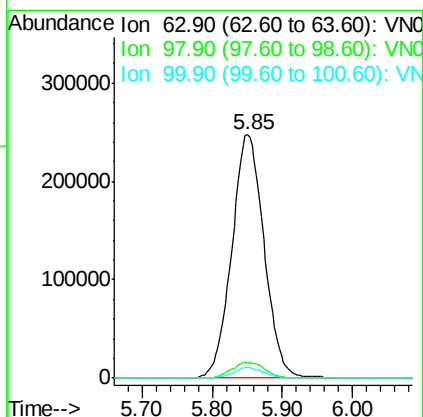
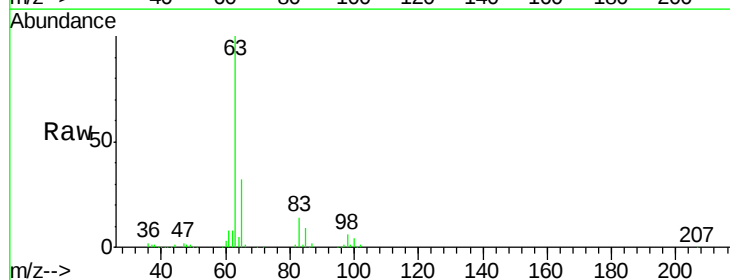
Instrument :
MSVOA_N
ClientSampleId :

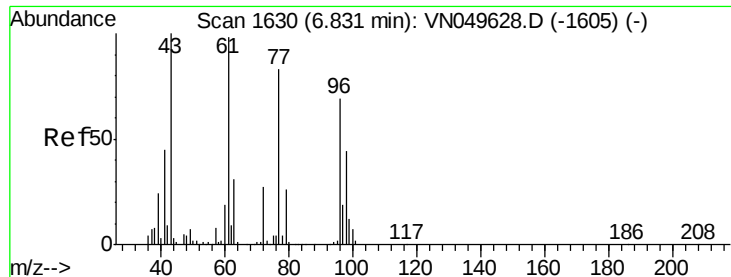
Tot Ion: 43 Resp: 38339
Ion Ratio Lower Upper
43 100
74 23.4 19.8 29.8



#24
1,1-Dichloroethane
Concen: 27.37 ug/l
RT: 5.85 min Scan# 1325
Delta R.T. 0.00 min
Lab File: VN049658.D
Acq: 30 Jun 2018 20:01

Tgt Ion: 63 Resp: 790411
Ion Ratio Lower Upper
63 100
98 6.4 3.4 10.2
100 4.3 2.2 6.6





#27

cis-1,2-Dichloroethene

Concen: 11.82 ug/l

RT: 6.83 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VN049658.D

Acq: 30 Jun 2018 20:01

Instrument :
MSVOA_N
ClientSampled :

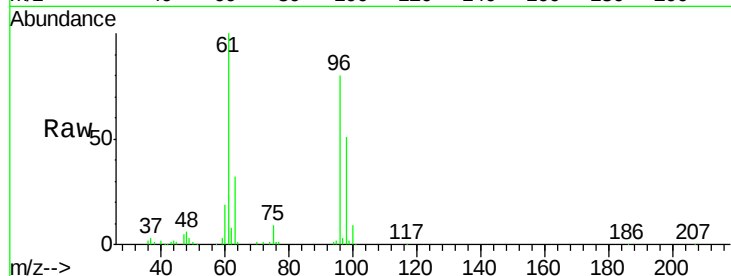
Tot Ion: 96 Resp: 200385

Ion Ratio Lower Upper

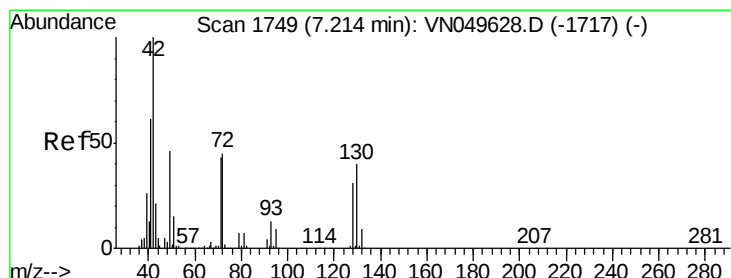
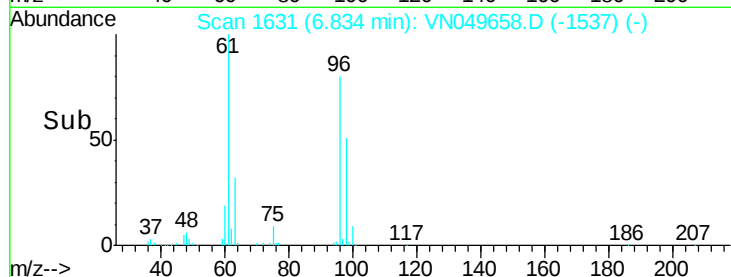
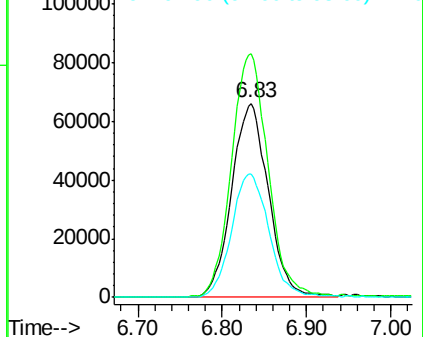
96 100

61 125.6 0.0 289.0

98 64.4 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#29

Tetrahydrofuran

Concen: 0.24 ug/l

RT: 7.23 min Scan# 1753

Delta R.T. 0.01 min

Lab File: VN049658.D

Acq: 30 Jun 2018 20:01

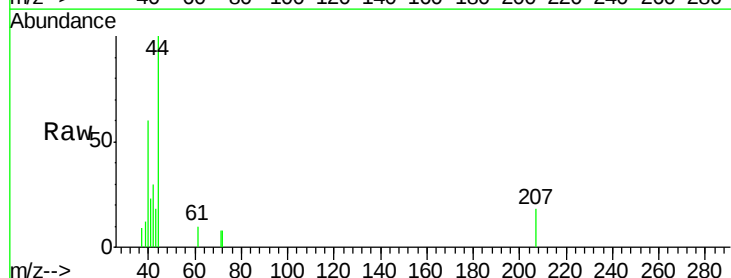
Tgt Ion: 42 Resp: 852

Ion Ratio Lower Upper

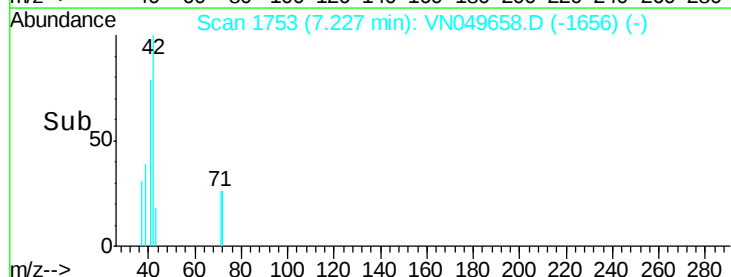
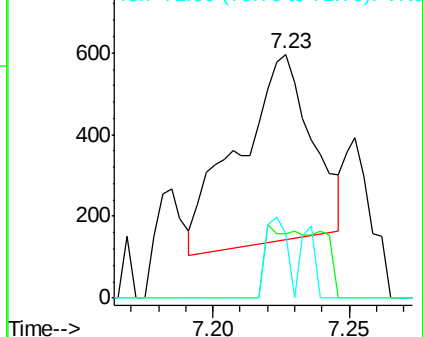
42 100

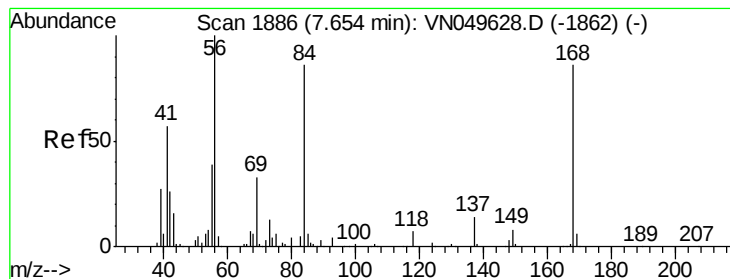
72 11.2 35.6 53.4#

71 12.1 34.0 51.0#



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: 0.31 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VN049658.D

Acq: 30 Jun 2018 20:01

Instrument :
MSVOA_N
ClientSampled :

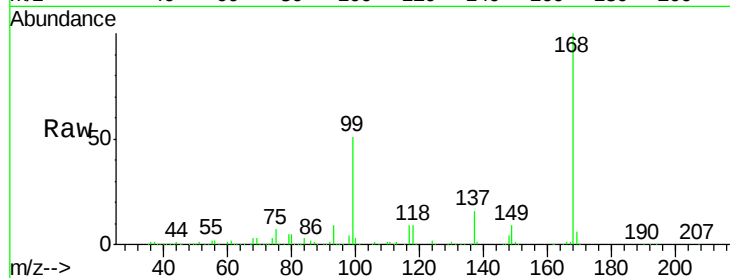
Tot Ion: 56 Resp: 26015

Ion Ratio Lower Upper

56 100

69 160.4 26.6 40.0#

84 133.0 69.0 103.6#

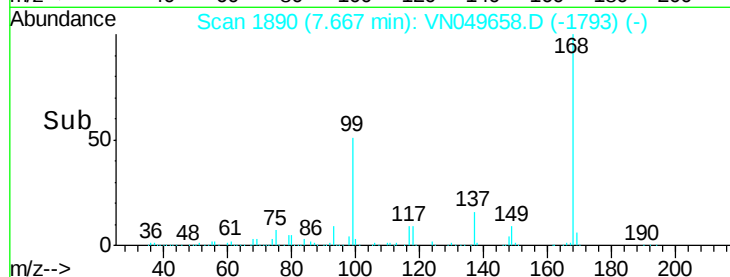


Abundance Ion 56.00 (55.70 to 56.70): VN049628.D (-1862) (-)

Ion 69.00 (68.70 to 69.70): VN049628.D (-1862) (-)

Ion 84.00 (83.70 to 84.70): VN049628.D (-1862) (-)

Time-->

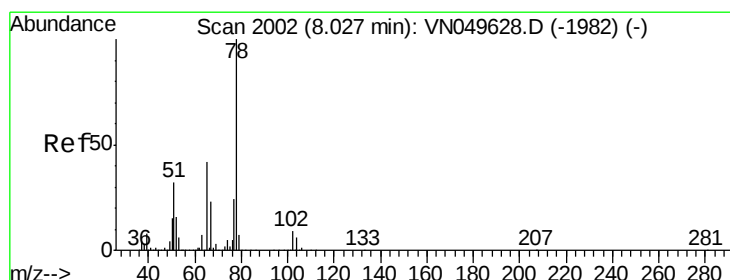


Abundance Ion 56.00 (55.70 to 56.70): VN049658.D (-1793) (-)

Ion 69.00 (68.70 to 69.70): VN049658.D (-1793) (-)

Ion 84.00 (83.70 to 84.70): VN049658.D (-1793) (-)

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.84 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049658.D

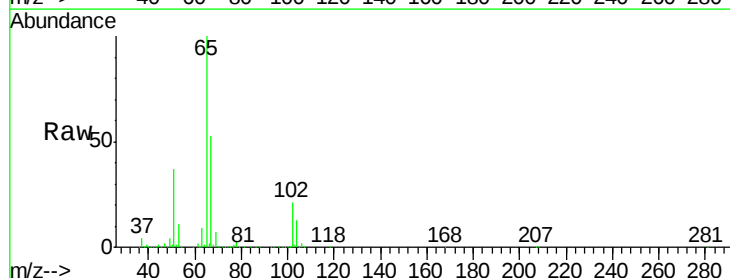
Acq: 30 Jun 2018 20:01

Tgt Ion: 65 Resp: 809992

Ion Ratio Lower Upper

65 100

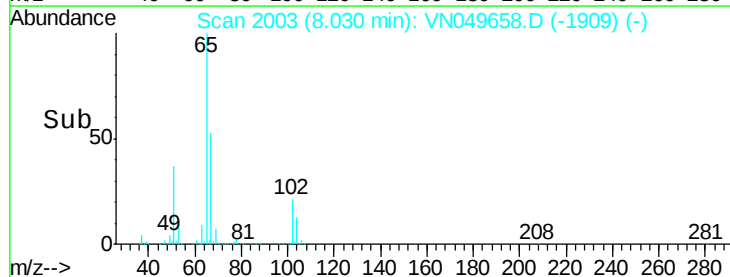
67 52.8 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VN049628.D (-1982) (-)

Ion 66.90 (66.60 to 67.60): VN049628.D (-1982) (-)

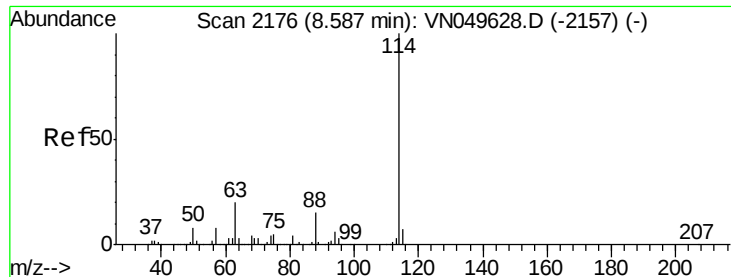
Time-->



Abundance Ion 64.90 (64.60 to 65.60): VN049658.D (-1909) (-)

Ion 66.90 (66.60 to 67.60): VN049658.D (-1909) (-)

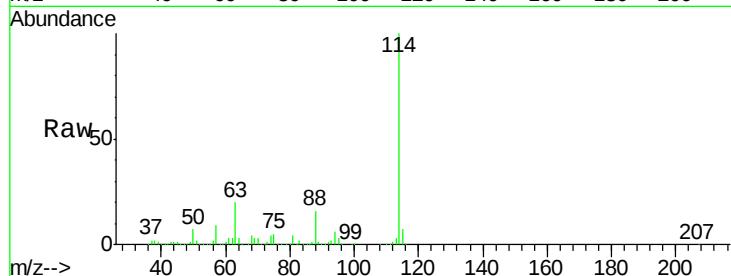
Time-->



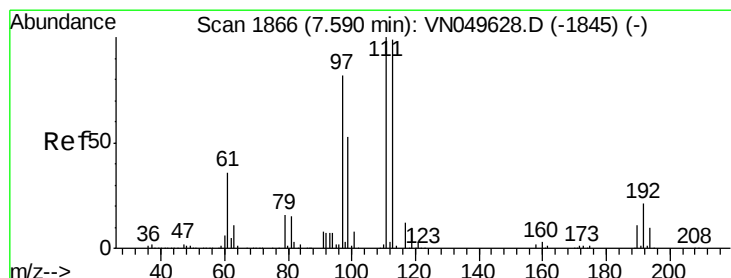
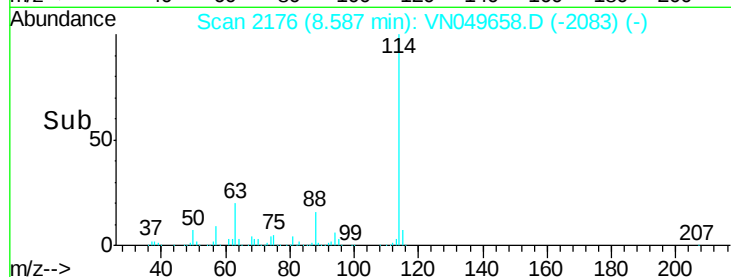
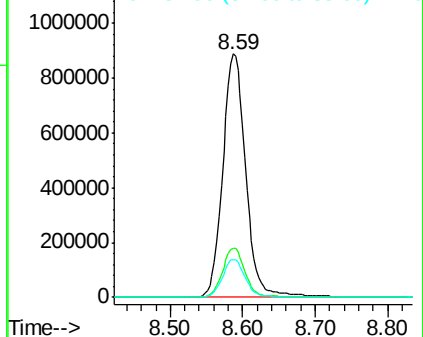
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2176
Delta R.T. 0.00 min
Lab File: VN049658.D
Acq: 30 Jun 2018 20:01

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:114 Resp: 1957525
Ion Ratio Lower Upper
114 100
63 20.4 0.0 39.8
88 15.6 0.0 30.6

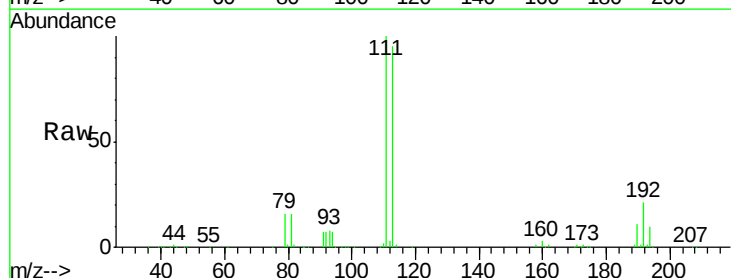


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

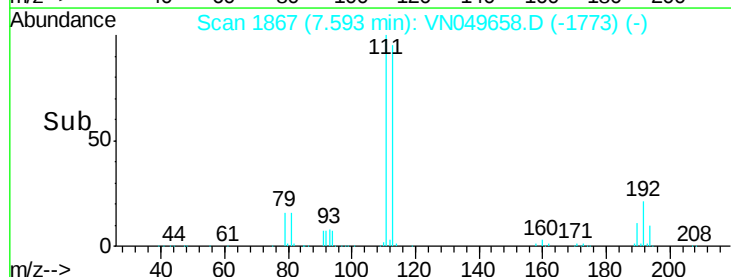
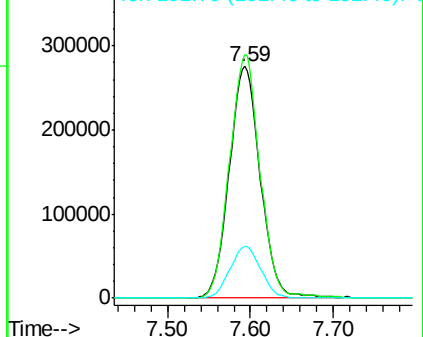


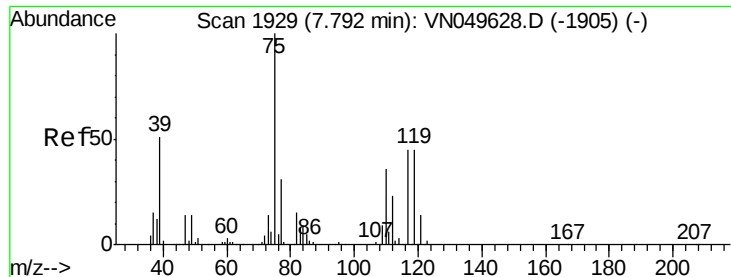
#35
Dibromofluoromethane
Concen: 49.03 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN049658.D
Acq: 30 Jun 2018 20:01

Tgt Ion:113 Resp: 717512
Ion Ratio Lower Upper
113 100
111 103.5 81.8 122.8
192 22.1 17.8 26.6



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: 3.83 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.13 min

Lab File: VN049658.D

Acq: 30 Jun 2018 20:01

Instrument :
MSVOA_N
ClientSampled :

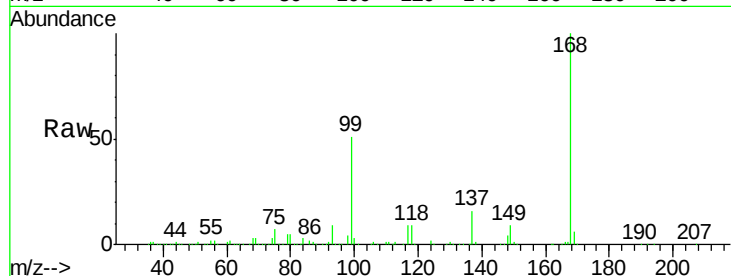
Tot Ion: 75 Resp: 84254

Ion Ratio Lower Upper

75 100

110 9.2 18.1 54.4#

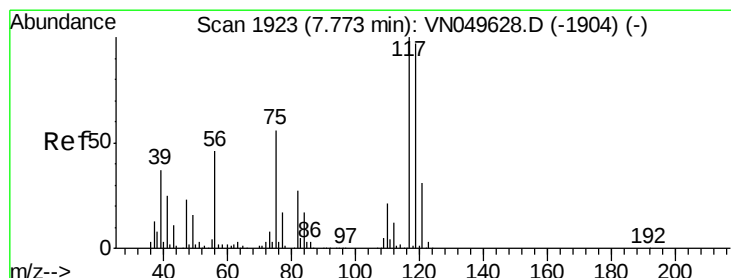
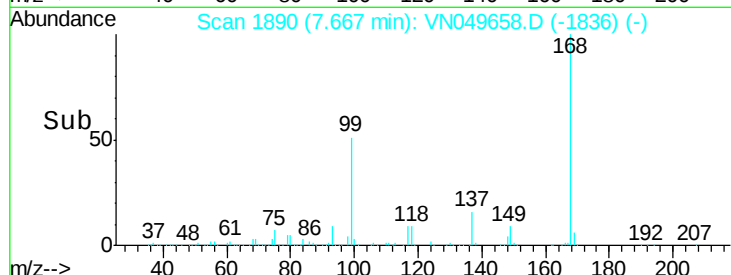
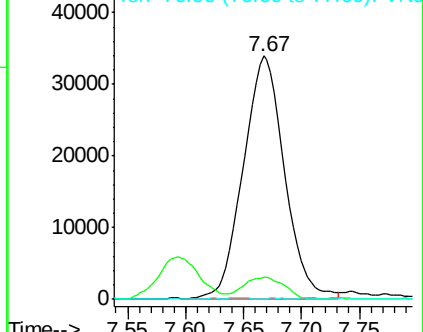
77 0.0 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VN049628.D (-1905) (-)

Ion 109.90 (109.60 to 110.60): VN049628.D (-1905) (-)

Ion 76.90 (76.60 to 77.60): VN049628.D (-1905) (-)



#38

Carbon Tetrachloride

Concen: 5.01 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.11 min

Lab File: VN049658.D

Acq: 30 Jun 2018 20:01

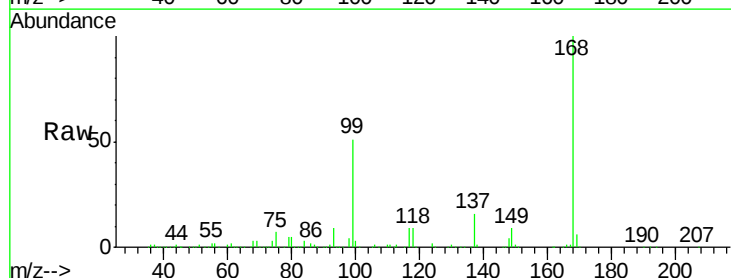
Tgt Ion: 117 Resp: 107431

Ion Ratio Lower Upper

117 100

119 4.7 77.2 115.8#

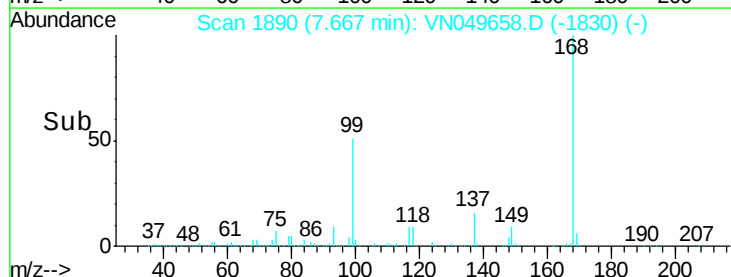
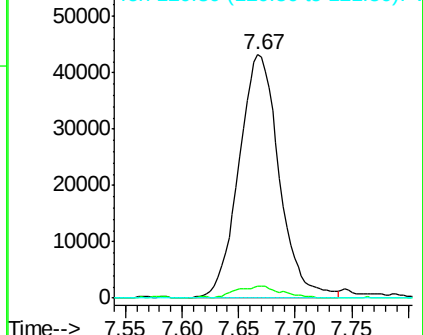
121 0.0 25.0 37.6#

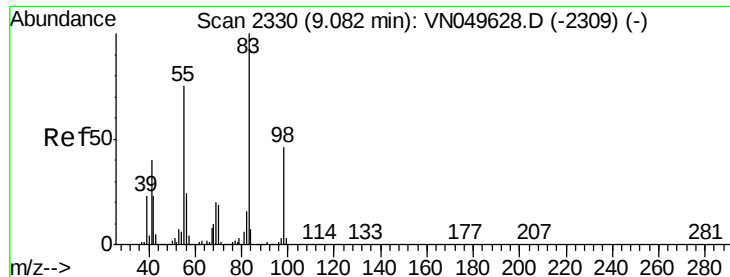


Abundance Ion 116.80 (116.50 to 117.50): VN049628.D (-1904) (-)

Ion 118.80 (118.50 to 119.50): VN049628.D (-1904) (-)

Ion 120.80 (120.50 to 121.50): VN049628.D (-1904) (-)

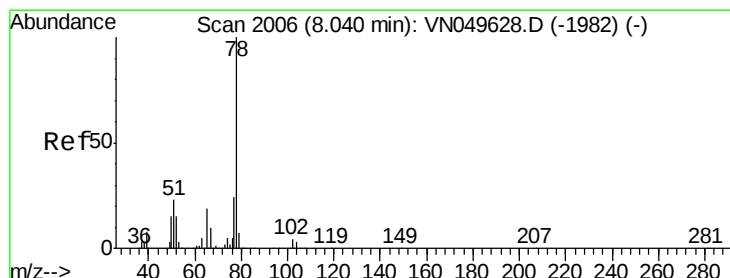
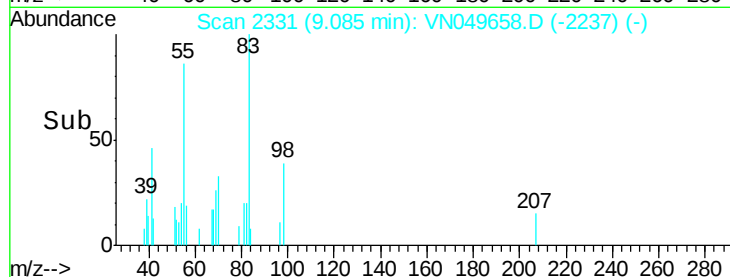
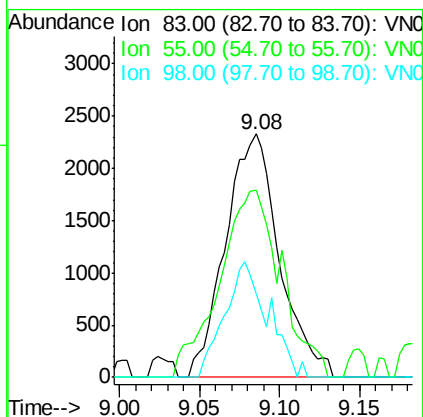
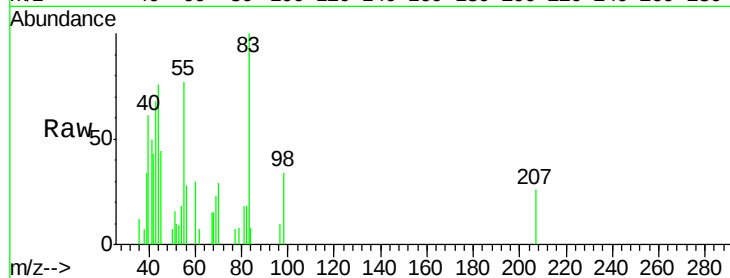




#39
Methvlcvclohexane
Concen: 0.22 ug/l
RT: 9.08 min Scan# 2331
Delta R.T. 0.00 min
Lab File: VN049658.D
Acq: 30 Jun 2018 20:01

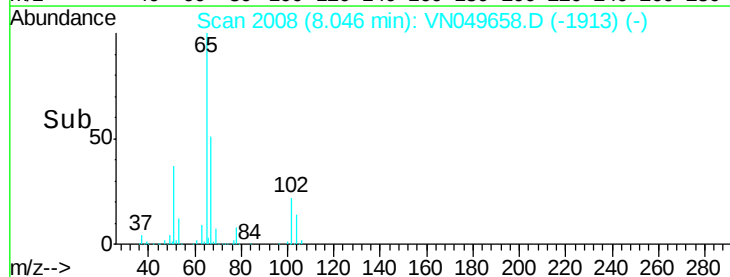
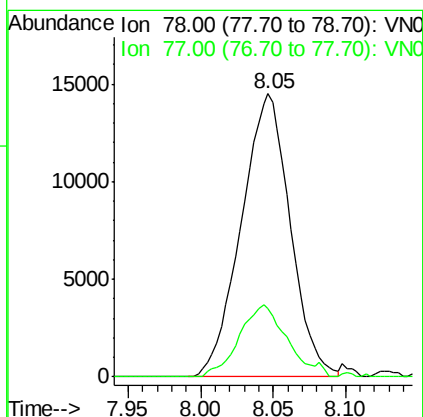
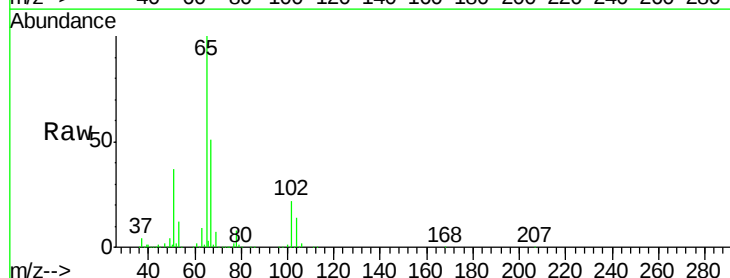
Instrument :
MSVOA_N
ClientSampled :

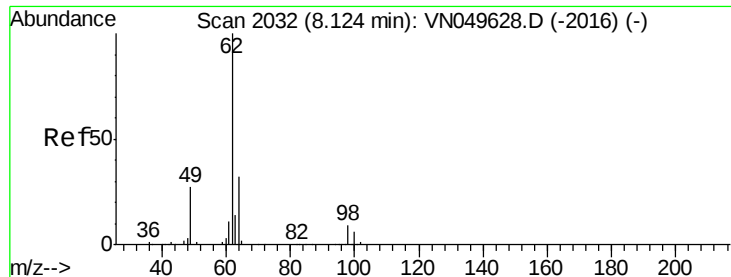
Tot Ion: 83 Resp: 5371
Ion Ratio Lower Upper
83 100
55 76.8 59.7 89.5
98 34.5 36.5 54.7#



#40
Benzene
Concen: 0.51 ug/l
RT: 8.05 min Scan# 2008
Delta R.T. 0.01 min
Lab File: VN049658.D
Acq: 30 Jun 2018 20:01

Tgt Ion: 78 Resp: 34016
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.4





#42

1,2-Dichloroethane

Concen: 2.15 ug/l

RT: 8.13 min Scan# 2034

Delta R.T. 0.01 min

Lab File: VN049658.D

Acq: 30 Jun 2018 20:01

Instrument :

MSVOA_N

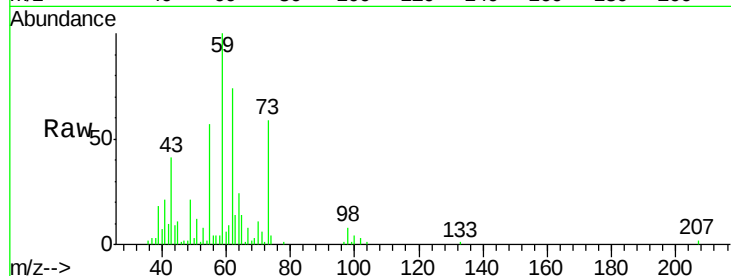
ClientSampled :

Tot Ion: 62 Resp: 46037

Ion Ratio Lower Upper

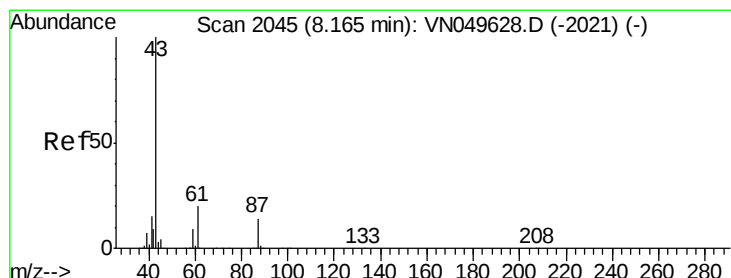
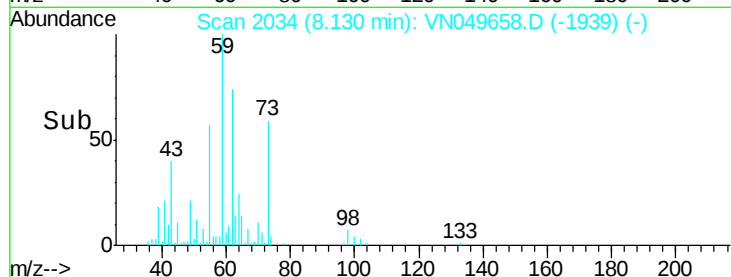
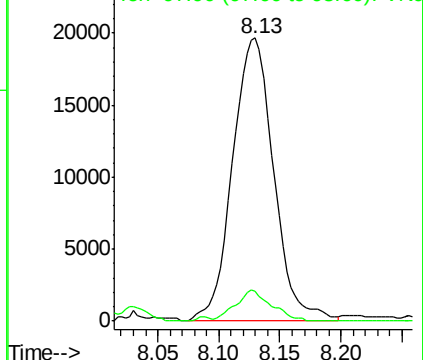
62 100

98 9.5 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#43

Isopropyl Acetate

Concen: 0.50 ug/l

RT: 8.14 min Scan# 2036

Delta R.T. -0.03 min

Lab File: VN049658.D

Acq: 30 Jun 2018 20:01

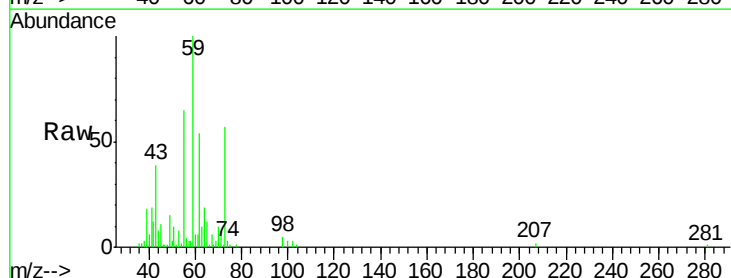
Tgt Ion: 43 Resp: 27424

Ion Ratio Lower Upper

43 100

61 18.3 14.9 22.3

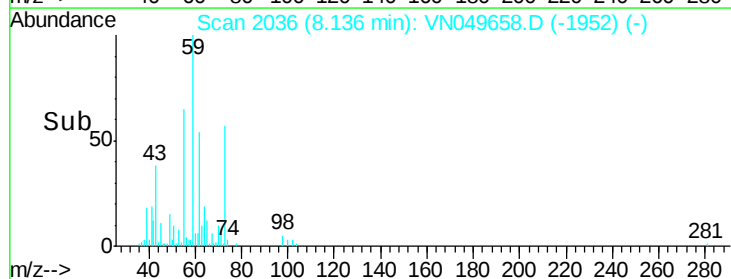
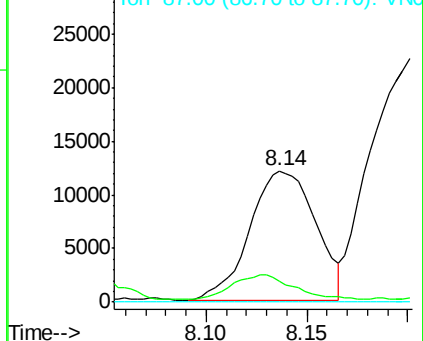
87 0.0 10.0 15.0#

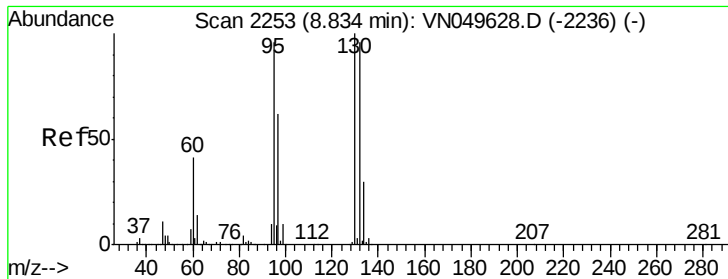


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#44

Trichloroethene

Concen: 0.75 ug/l

RT: 8.83 min Scan# 2253

Delta R.T. 0.00 min

Lab File: VN049658.D

Acq: 30 Jun 2018 20:01

Instrument :

MSVOA_N

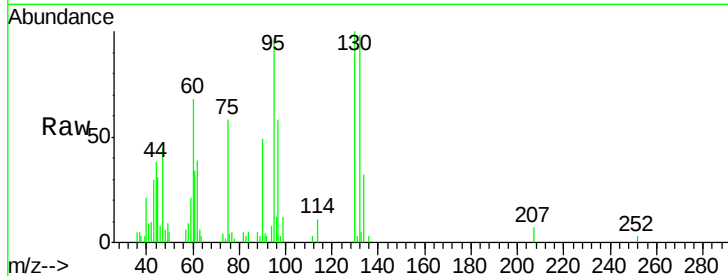
ClientSampled :

Tot Ion:130 Resp: 15238

Ion Ratio Lower Upper

130 100

95 97.3 0.0 192.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN

8.83

8000

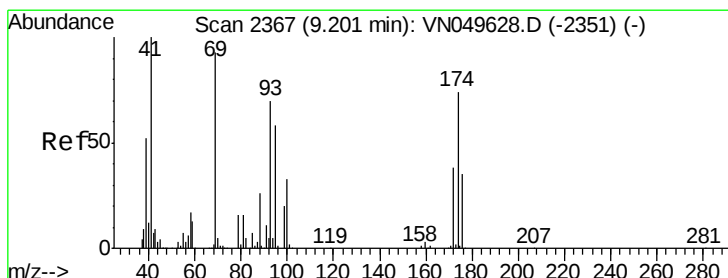
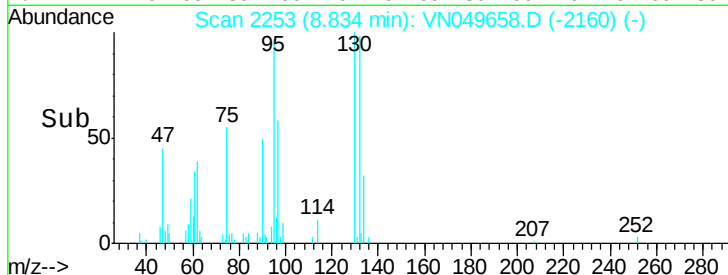
6000

4000

2000

0

Time--> 8.75 8.80 8.85 8.90



#49

1,4-Dioxane

Concen: 505.47 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN049658.D

Acq: 30 Jun 2018 20:01

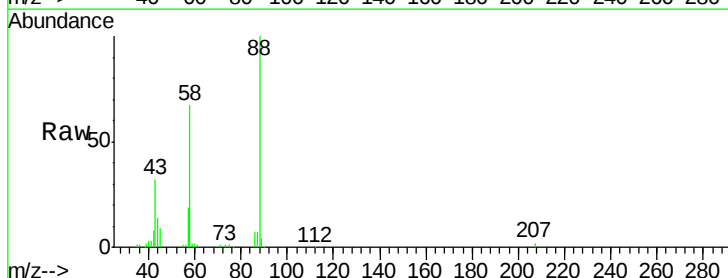
Tgt Ion: 88 Resp: 77570

Ion Ratio Lower Upper

88 100

43 26.6 25.1 37.7

58 69.0 52.5 78.7



Abundance Ion 88.00 (87.70 to 88.70): VN

Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

9.20

50000

40000

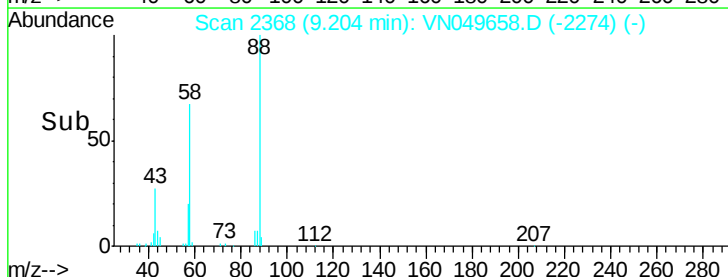
30000

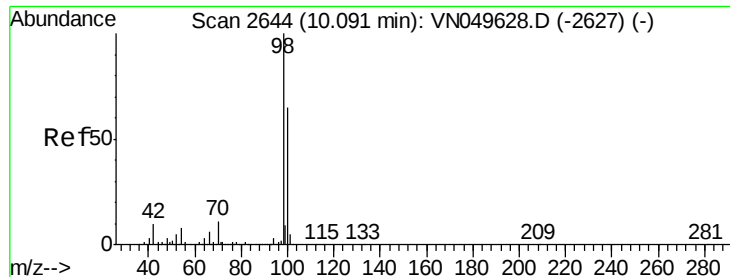
20000

10000

0

Time--> 9.10 9.20 9.30





#50

Toluene-d8

Concen: 46.47 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049658.D

Acq: 30 Jun 2018 20:01

Instrument :

MSVOA_N

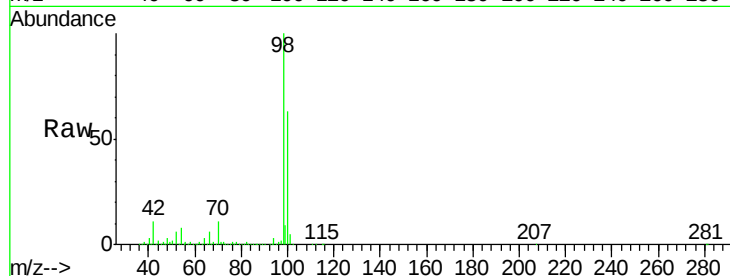
ClientSampleId :

Tot Ion: 98 Resp: 2662206

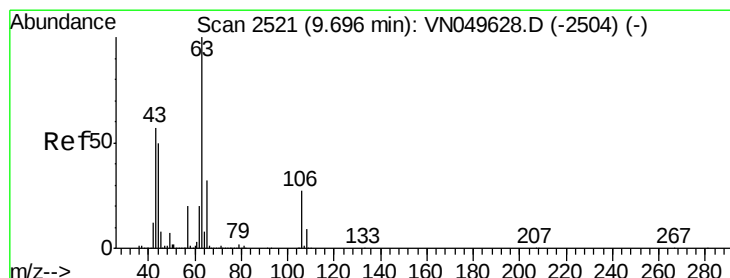
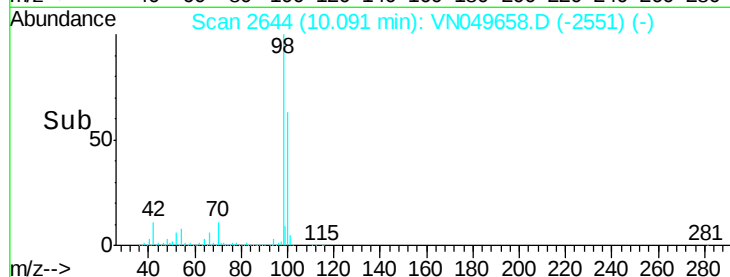
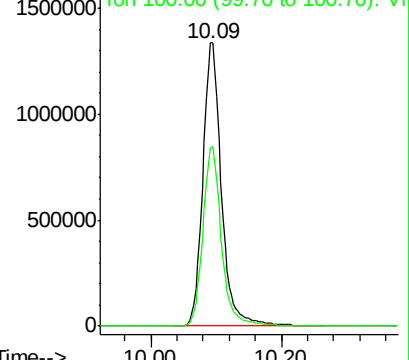
Ion Ratio Lower Upper

98 100

100 63.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN049628.D (-2627) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 10.93 ug/l

RT: 9.78 min Scan# 2546

Delta R.T. 0.08 min

Lab File: VN049658.D

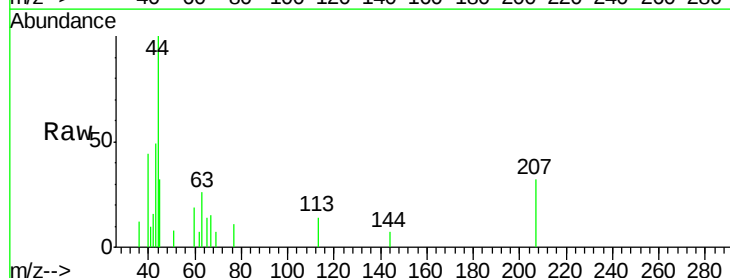
Acq: 30 Jun 2018 20:01

Tgt Ion: 63 Resp: 1080

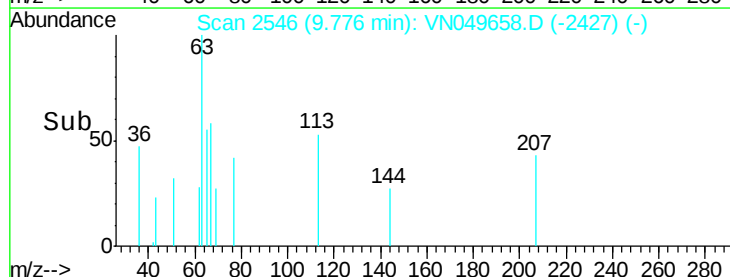
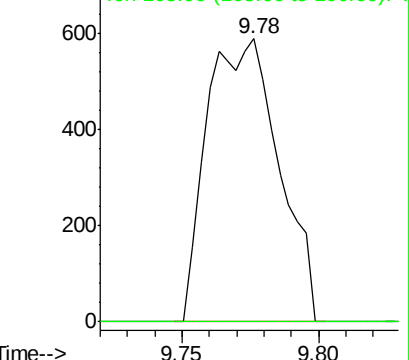
Ion Ratio Lower Upper

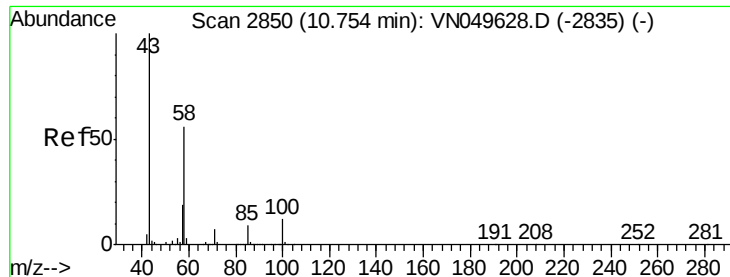
63 100

106 0.0 21.8 32.8#



Abundance Ion 62.90 (62.60 to 63.60): VN049628.D (-2504) (-)





#59

2-Hexanone

Concen: 0.36 ug/l

RT: 10.78 min Scan# 2859

Delta R.T. 0.03 min

Lab File: VN049658.D

Acq: 30 Jun 2018 20:01

Instrument :

MSVOA_N

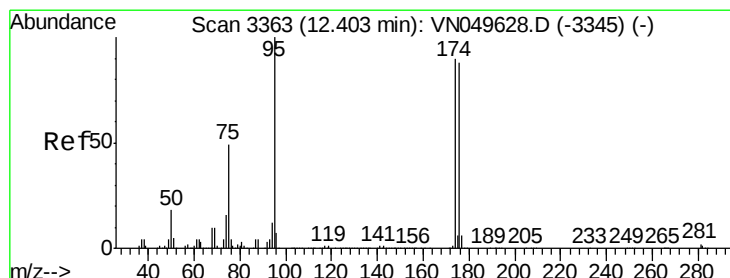
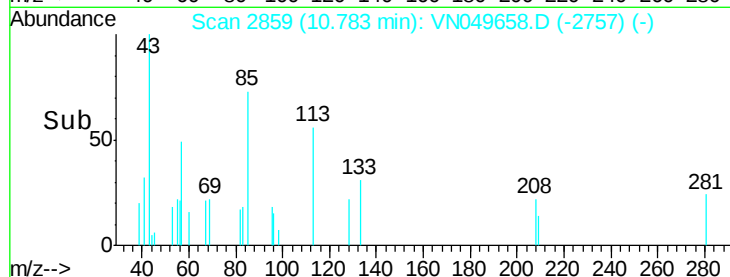
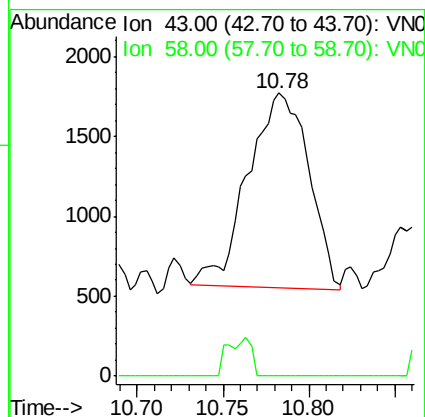
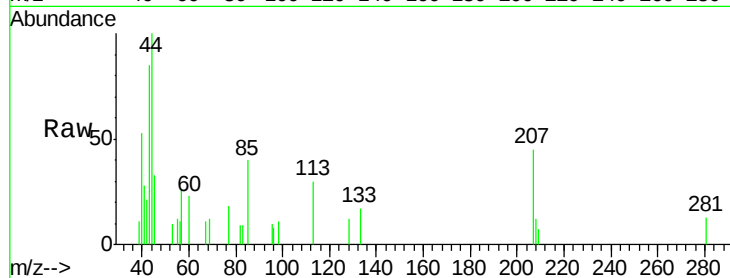
ClientSampled :

Tot Ion: 43 Resp: 3005

Ion Ratio Lower Upper

43 100

58 7.6 27.8 83.4#



#62

4-Bromofluorobenzene

Concen: 37.11 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049658.D

Acq: 30 Jun 2018 20:01

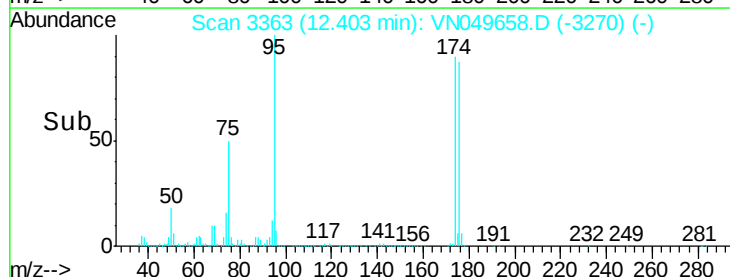
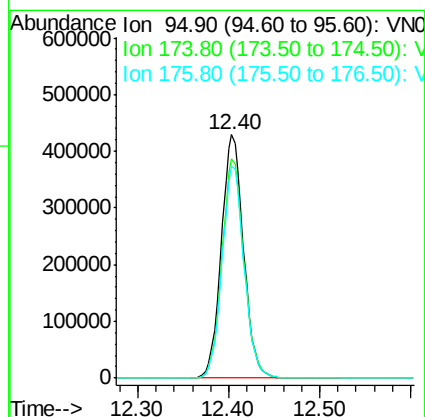
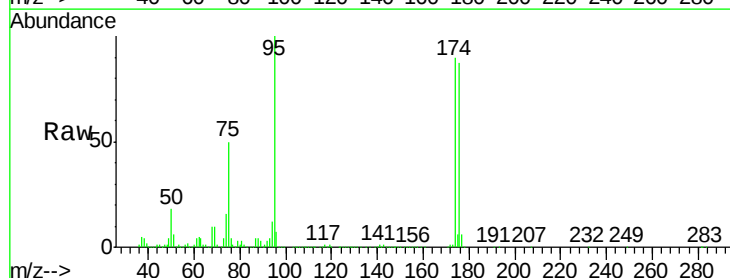
Tgt Ion: 95 Resp: 725695

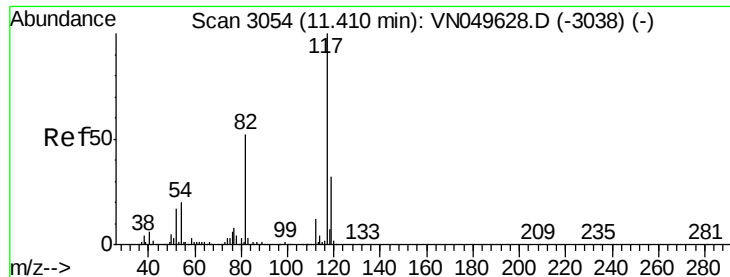
Ion Ratio Lower Upper

95 100

174 89.8 0.0 179.6

176 86.4 0.0 174.0

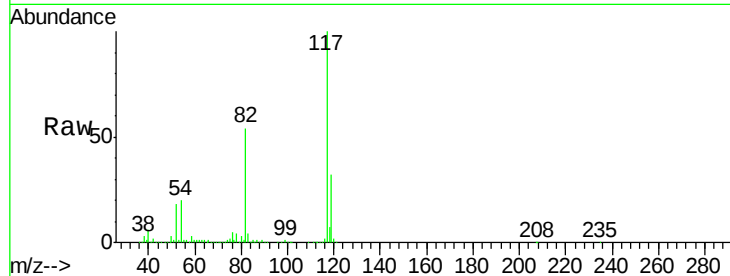




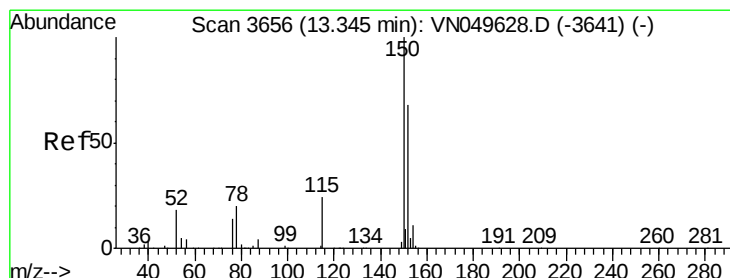
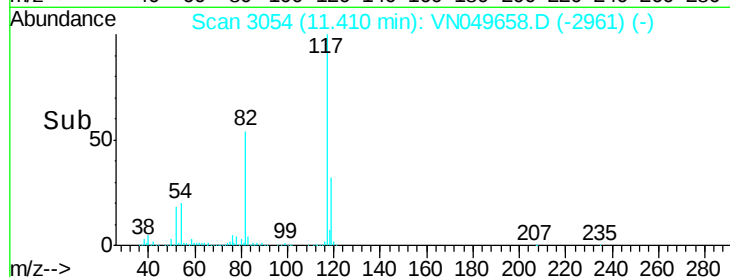
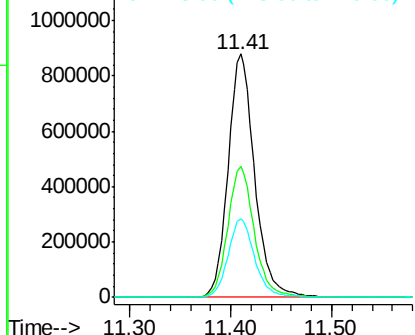
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049658.D
Acq: 30 Jun 2018 20:01

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 1612940
Ion Ratio Lower Upper
117 100
82 53.6 41.9 62.9
119 32.3 25.4 38.2

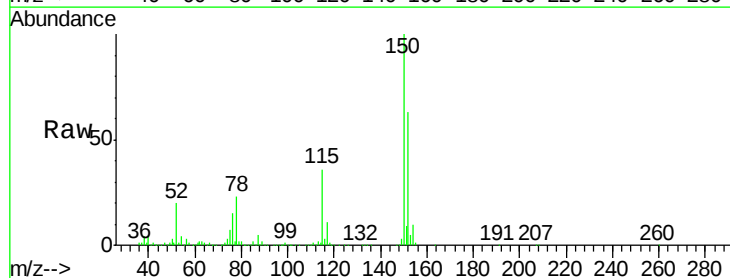


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

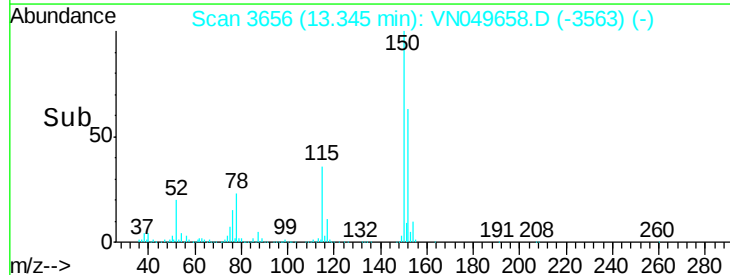
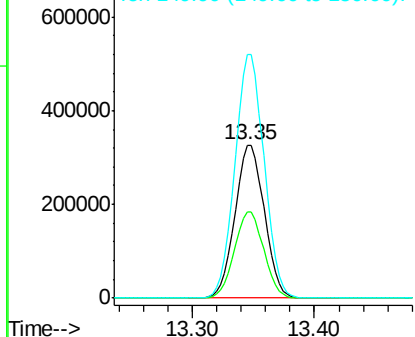


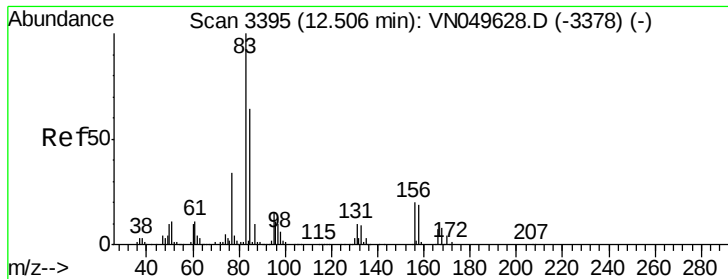
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN049658.D
Acq: 30 Jun 2018 20:01

Tgt Ion:152 Resp: 544605
Ion Ratio Lower Upper
152 100
115 56.3 28.1 84.2
150 158.0 0.0 347.6



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: 12.47 min Scan# 3385

Delta R.T. -0.03 min

Lab File: VN049658.D

Acq: 30 Jun 2018 20:01

Instrument :

MSVOA_N

ClientSampleId :

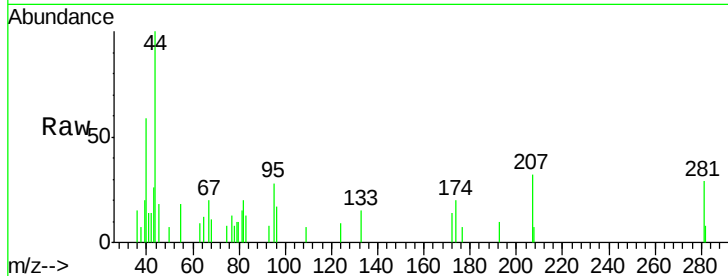
Tot Ion: 83 Resp: 237

Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

85 0.0 32.5 97.4#



Abundance Ion 82.90 (82.60 to 83.60): VN049628.D (-3378) (-)

Ion 130.80 (130.50 to 131.50): VN049628.D (-3378) (-)

Ion 84.90 (84.60 to 85.60): VN049628.D (-3378) (-)

12.47

300

200

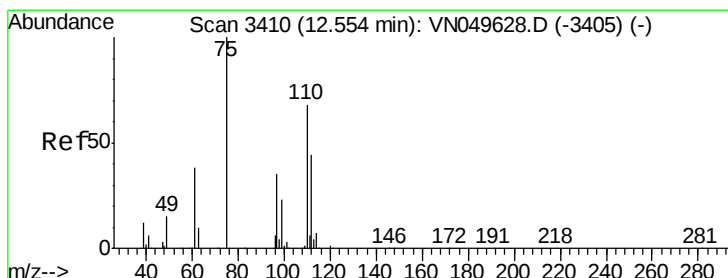
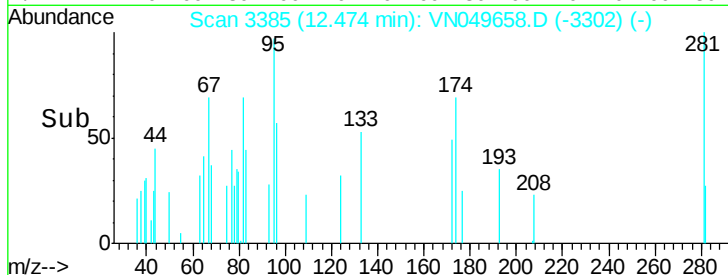
100

0

12.46

12.48

Time-->



#76

1,2,3-Trichloropropane

Concen: 40.69 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049658.D

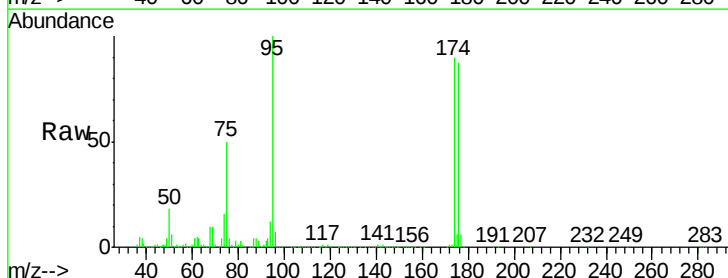
Acq: 30 Jun 2018 20:01

Tgt Ion: 75 Resp: 355374

Ion Ratio Lower Upper

75 100

77 2.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN049628.D (-3405) (-)

Ion 77.00 (76.70 to 77.70): VN049628.D (-3405) (-)

12.40

250000

200000

150000

100000

50000

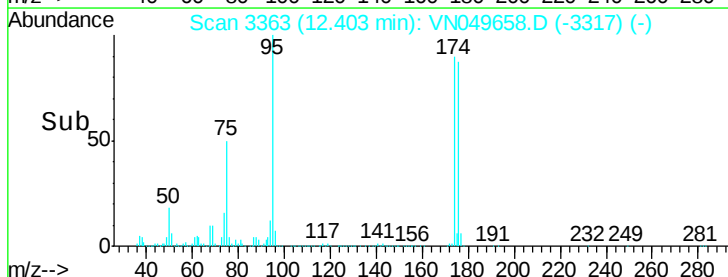
0

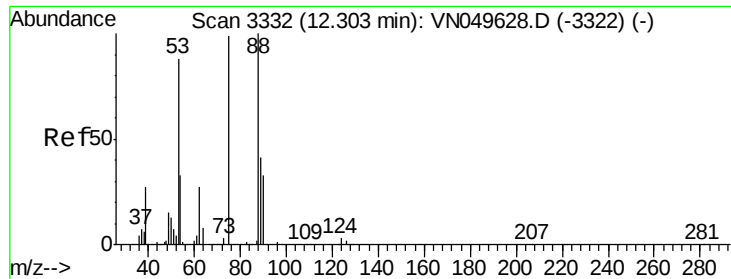
12.30

12.40

12.50

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 138.19 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049658.D

Acq: 30 Jun 2018 20:01

Instrument :

MSVOA_N

ClientSampled :

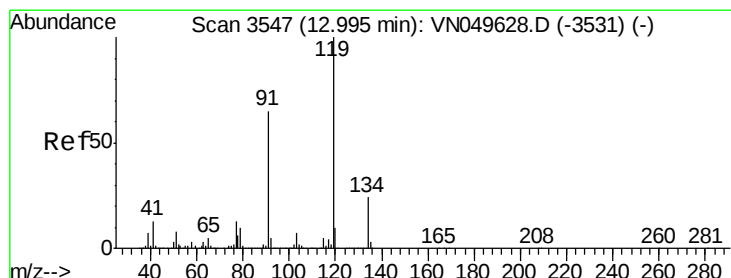
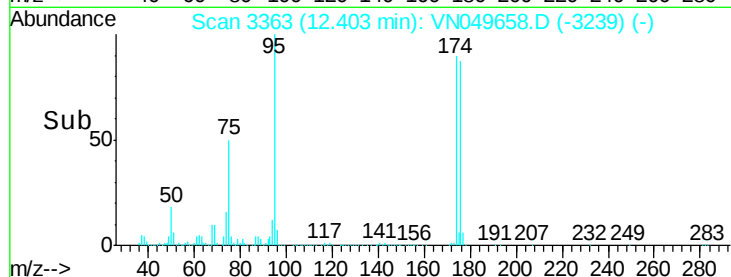
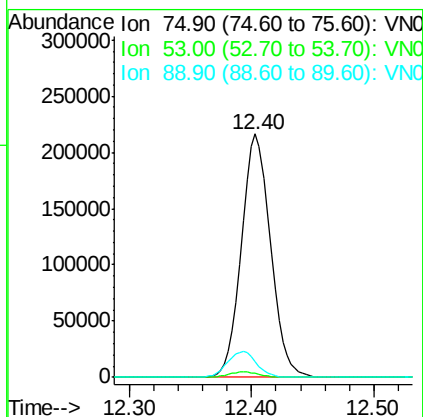
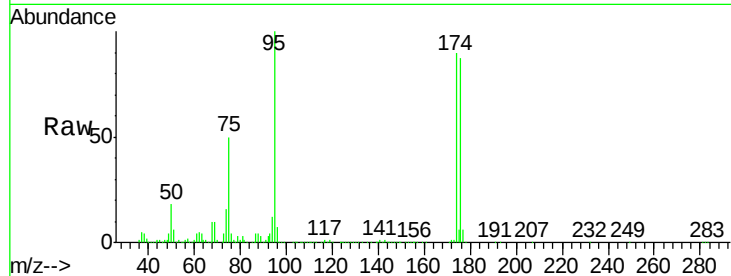
Tot Ion: 75 Resp: 355374

Ion Ratio Lower Upper

75 100

53 2.4 73.9 110.9#

89 11.0 35.9 53.9#



#83

tert-Butylbenzene

Concen: 0.21 ug/l

RT: 13.00 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN049658.D

Acq: 30 Jun 2018 20:01

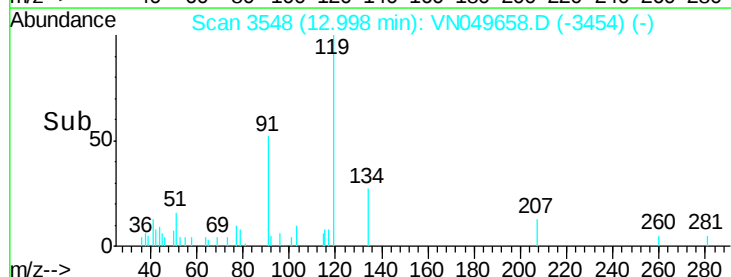
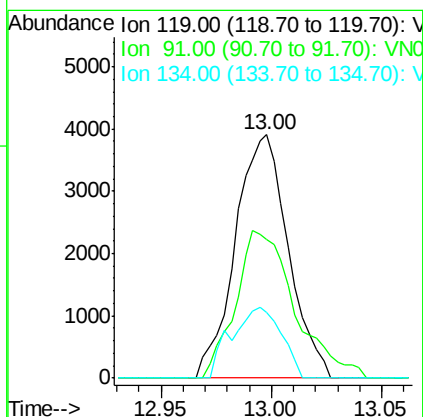
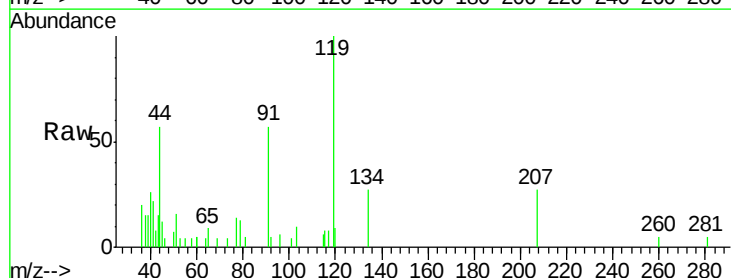
Tgt Ion: 119 Resp: 6511

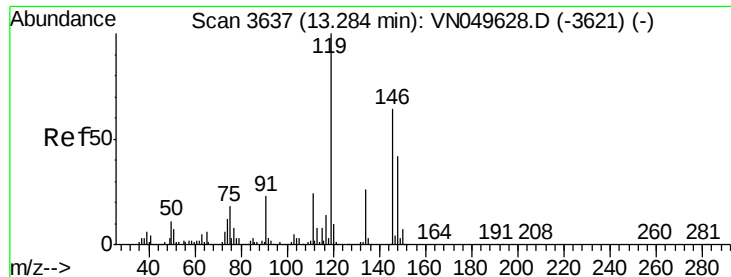
Ion Ratio Lower Upper

119 100

91 68.0 32.0 96.2

134 27.4 12.8 38.4





#87

1,3-Dichlorobenzene

Concen: Below Cal

RT: 13.28 min Scan# 3637

Delta R.T. 0.00 min

Lab File: VN049658.D

Acq: 30 Jun 2018 20:01

Instrument :

MSVOA_N

ClientSampled :

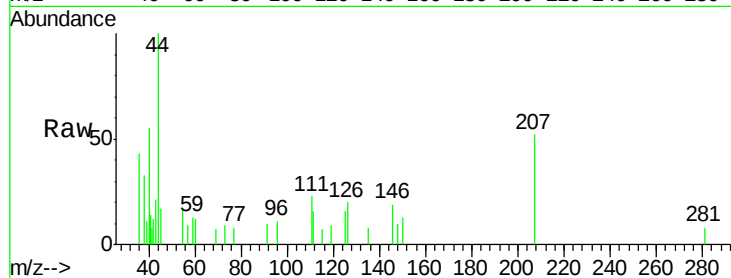
Tot Ion:146 Resp: 379

Ion Ratio Lower Upper

146 100

111 211.9 19.0 57.0#

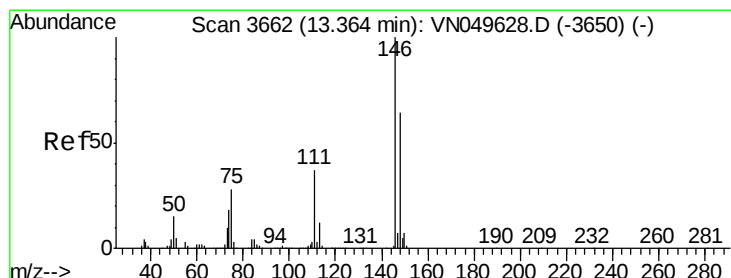
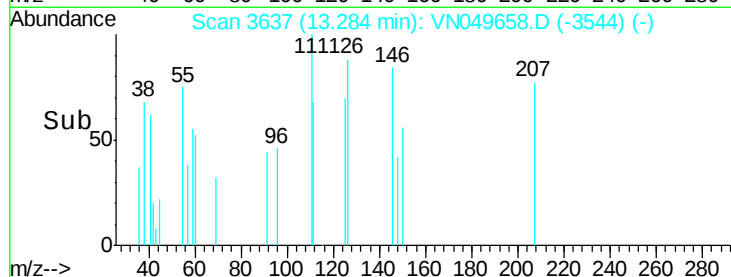
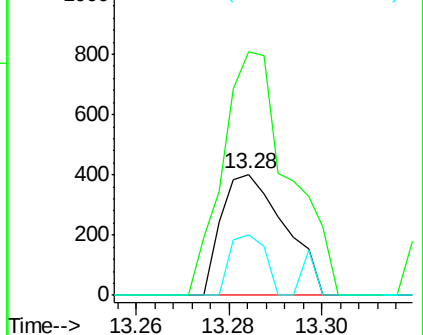
148 28.0 32.5 97.5#



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



#88

1,4-Dichlorobenzene

Concen: Below Cal

RT: 13.36 min Scan# 3661

Delta R.T. -0.00 min

Lab File: VN049658.D

Acq: 30 Jun 2018 20:01

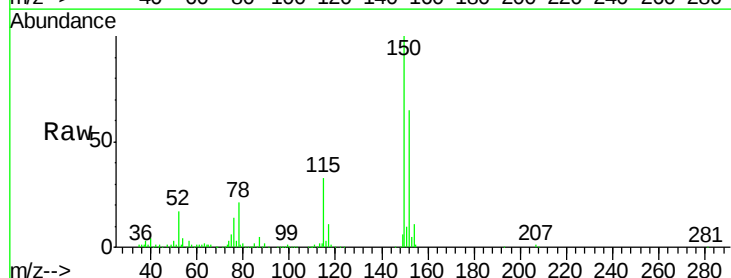
Tgt Ion:146 Resp: 957

Ion Ratio Lower Upper

146 100

111 664.3 18.9 56.5#

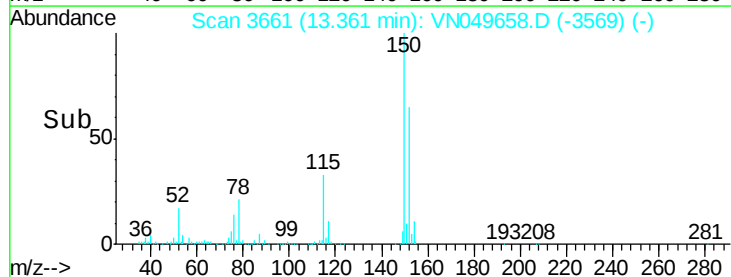
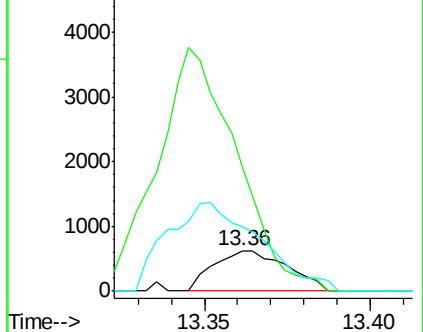
148 277.2 32.1 96.3#

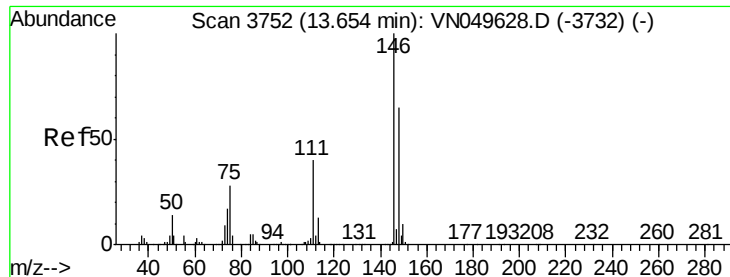


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

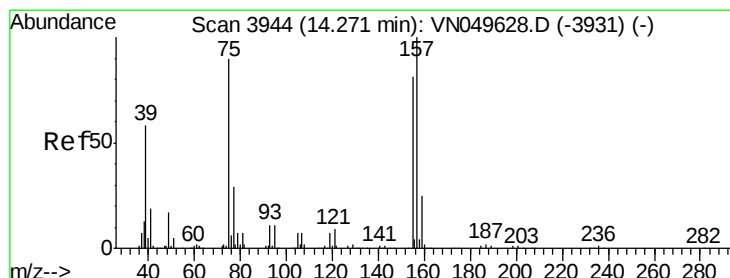
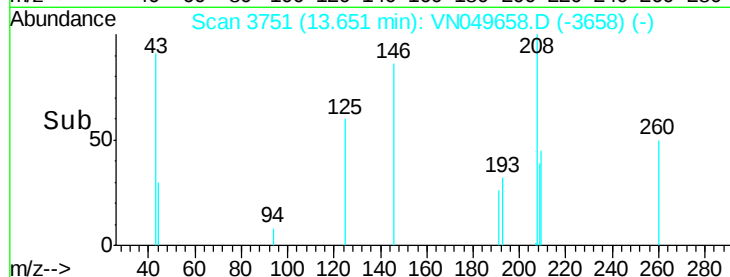
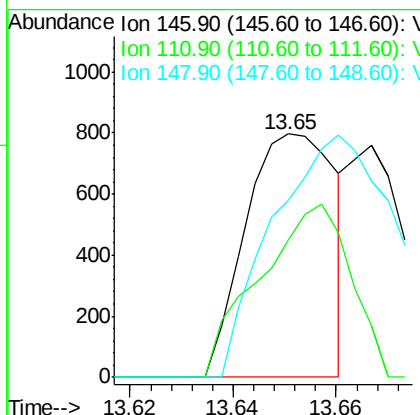
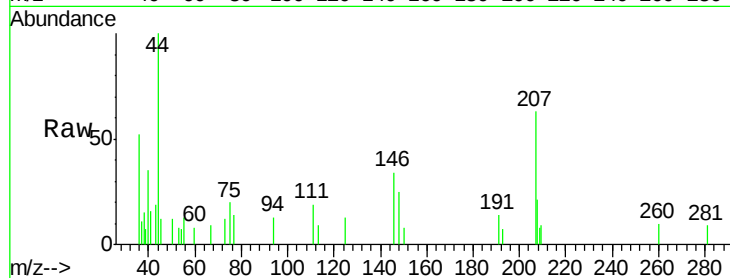




#91
 1,2-Dichlorobenzene
 Concen: Below Cal
 RT: 13.65 min Scan# 3751
 Delta R.T. -0.00 min
 Lab File: VN049658.D
 Acq: 30 Jun 2018 20:01

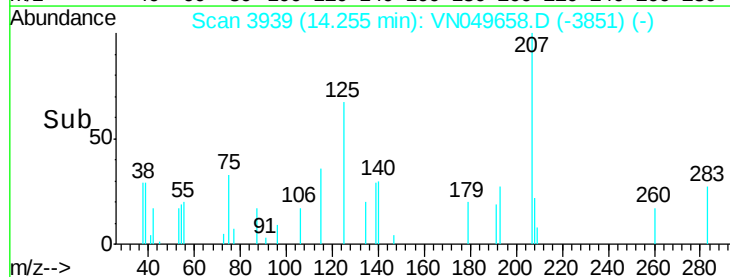
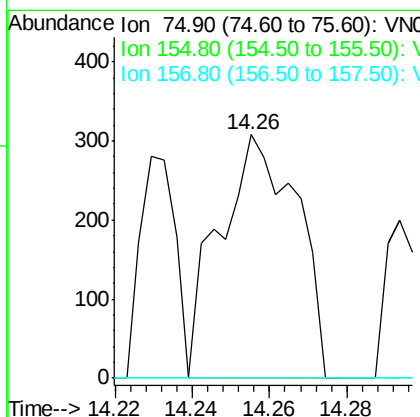
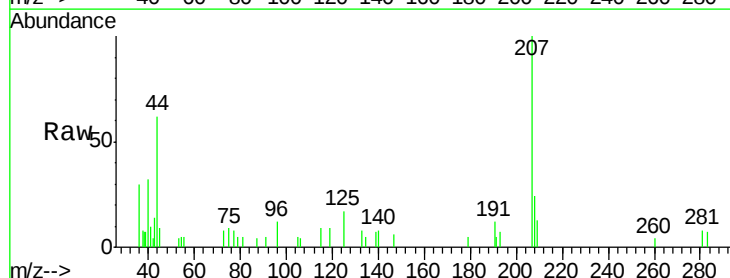
Instrument :
 MSVOA_N
 ClientSampled :

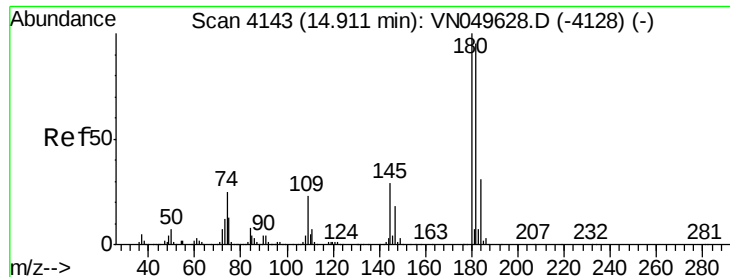
Tot Ion:146 Resp: 956
 Ion Ratio Lower Upper
 146 100
 111 72.7 19.7 59.1#
 148 131.6 32.0 96.2#



#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.26 min Scan# 3939
 Delta R.T. -0.02 min
 Lab File: VN049658.D
 Acq: 30 Jun 2018 20:01

Tgt Ion: 75 Resp: 428
 Ion Ratio Lower Upper
 75 100
 155 0.0 45.7 137.1#
 157 0.0 56.9 170.7#

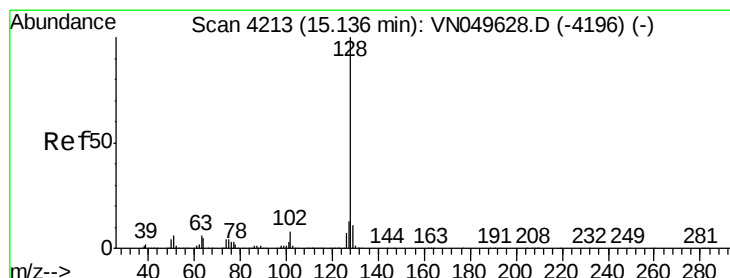
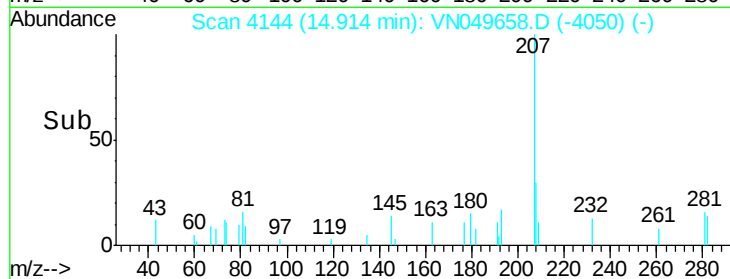
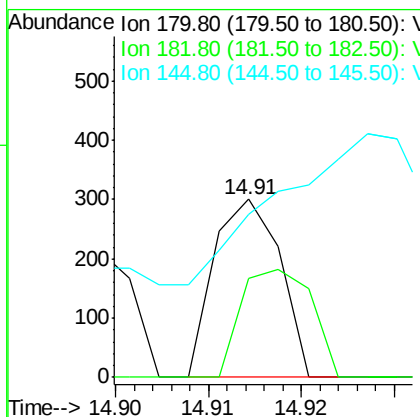
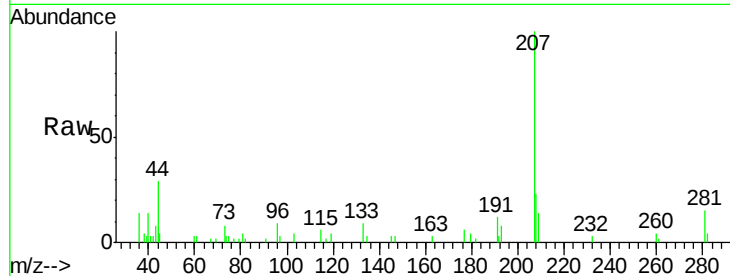




#93
 1,2,4-Trichlorobenzene
 Concen: 2.42 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN049658.D
 Acq: 30 Jun 2018 20:01

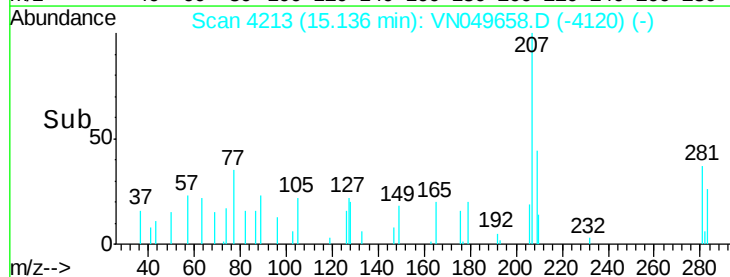
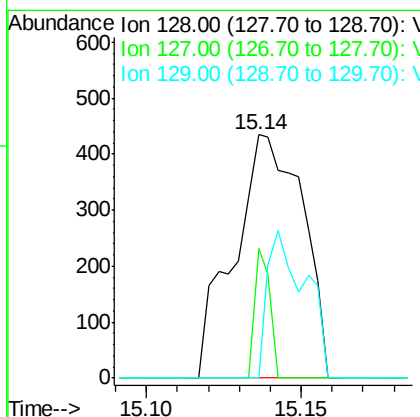
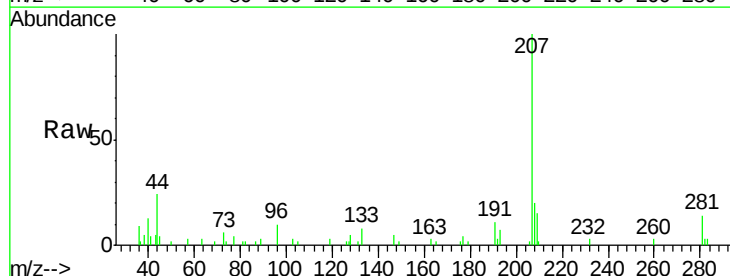
Instrument :
 MSVOA_N
 ClientSampled :

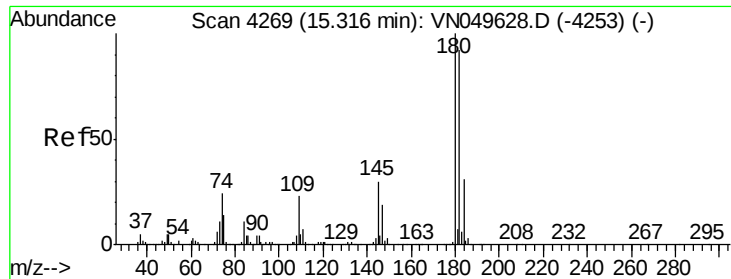
Tot Ion:180 Resp: 148
 Ion Ratio Lower Upper
 180 100
 182 65.5 47.3 141.9
 145 471.6 14.4 43.0#



#95
 Naphthalene
 Concen: 4.07 ug/l
 RT: 15.14 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN049658.D
 Acq: 30 Jun 2018 20:01

Tgt Ion:128 Resp: 670
 Ion Ratio Lower Upper
 128 100
 127 12.1 10.4 15.6
 129 33.6 8.6 13.0#

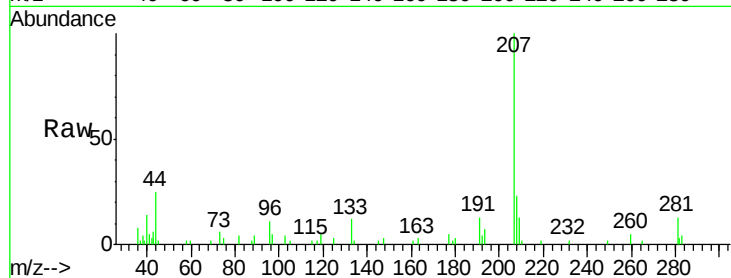




#96
 1,2,3-Trichlorobenzene
 Concen: 1.69 ug/l
 RT: 15.31 min Scan# 4268
 Delta R.T. -0.00 min
 Lab File: VN049658.D
 Acq: 30 Jun 2018 20:01

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.4	142.2#
145	68.3	15.2	45.6#



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

