

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072518\
 Data File : VN050064.D
 Acq On : 26 Jul 2018 00:19
 Operator : MD\SY
 Sample : J4135-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CON-WC-S-2-0-11

Quant Time: Jul 26 06:59:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 24 06:27:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	595000	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1004461	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	860066	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	369167	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	432087	52.05	ug/l	0.00
Spiked Amount			Recovery	=	104.10%	
35) Dibromofluoromethane	7.59	113	389176	47.45	ug/l	0.00
Spiked Amount			Recovery	=	94.90%	
50) Toluene-d8	10.09	98	1360035	45.11	ug/l	0.00
Spiked Amount			Recovery	=	90.22%	
62) 4-Bromofluorobenzene	12.40	95	389693	39.25	ug/l	0.00
Spiked Amount			Recovery	=	78.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.57	94	621	Below Cal	#	79
14) Allyl chloride	4.55	41	20963	1.97	ug/l #	24
16) Acetone	3.82	43	28393	10.36	ug/l	99
18) Methyl Acetate	4.33	43	27293	2.03	ug/l	96
20) Methylene Chloride	4.55	84	596334	81.82	ug/l	99
25) 2-Butanone	6.85	43	6046	1.91	ug/l	98
29) Tetrahydrofuran	7.23	42	960	0.47	ug/l	96
30) Chloroform	7.38	83	6116	0.43	ug/l	96
31) Cyclohexane	7.67	56	12130	0.99	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	42757	3.78	ug/l #	48
38) Carbon Tetrachloride	7.67	117	54348	4.53	ug/l #	17
41) Methacrylonitrile	7.22	41	605	2.89	ug/l #	31
43) Isopropyl Acetate	8.17	43	296886	19.27	ug/l #	89
44) Trichloroethene	8.84	130	12724	1.38	ug/l	95
48) Methyl methacrylate	9.18	41	8646	1.27	ug/l #	20
51) 4-Methyl-2-Pentanone	9.99	43	4394	0.57	ug/l #	77
56) Ethyl methacrylate	10.64	69	459	2.07	ug/l #	1
59) 2-Hexanone	10.77	43	15012	7.75	ug/l	63
64) Tetrachloroethene	10.63	164	3381	0.41	ug/l	89
67) Ethyl Benzene	11.51	91	12248	0.35	ug/l	90
68) m/p-Xylenes	11.62	106	7005	0.53	ug/l	89
69) o-Xylene	11.95	106	4340	0.34	ug/l	80
70) Styrene	11.96	104	874	0.96	ug/l #	17
71) Bromoform	12.40	173	2464	0.41	ug/l #	29
75) 1,1,2,2-Tetrachloroethane	12.41	83	318	Below Cal	#	5
76) 1,2,3-Trichloropropane	12.40	75	192442	28.05	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	192442	88.97	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.04	105	10503	0.46	ug/l	95
90) Hexachloroethane	13.89	117	1092	0.22	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.27	75	358	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.91	180	620	3.17	ug/l #	88
95) Naphthalene	15.14	128	12299088	669.50	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	329	2.25	ug/l #	83

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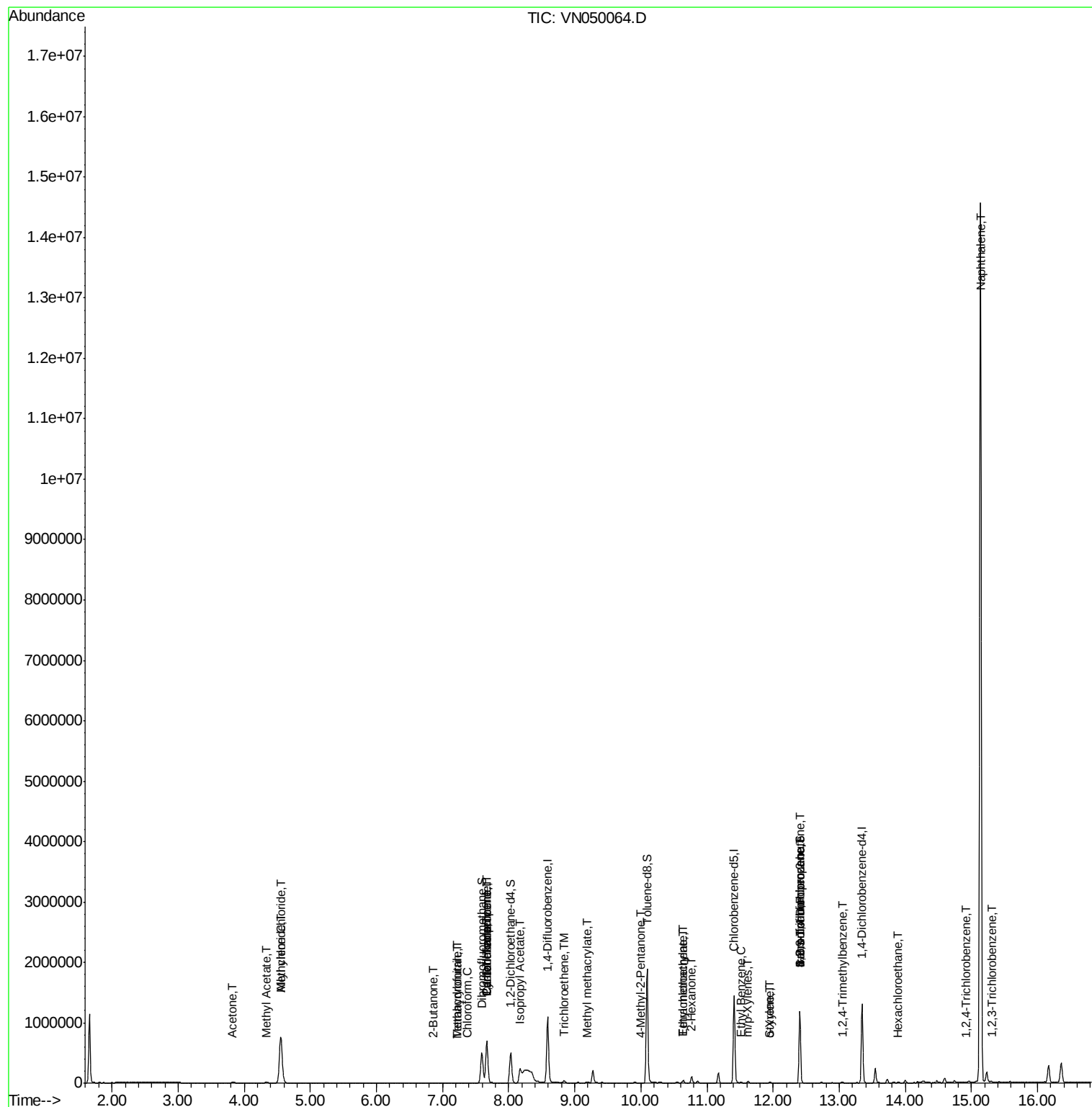
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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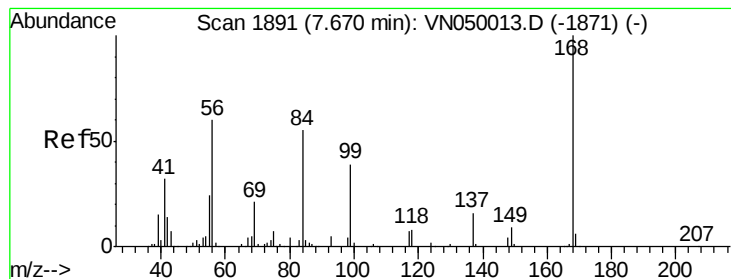
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050064.D

Acq: 26 Jul 2018 00:19

Instrument :

MSVOA_N

ClientSampleId :

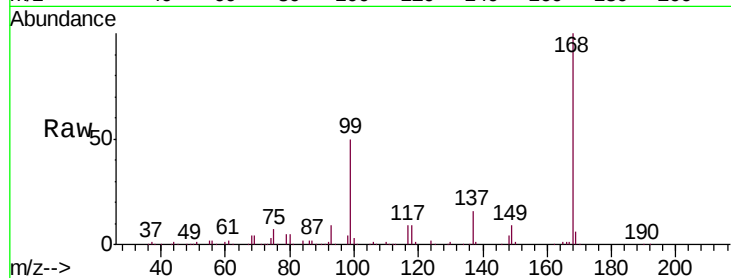
CON-WC-S-2-0-11

Tot Ion:168 Resp: 595000

Ion Ratio Lower Upper

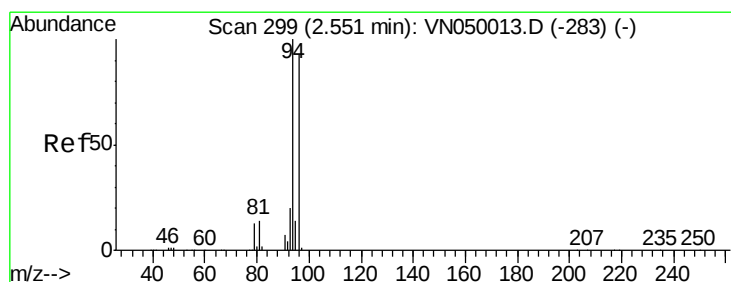
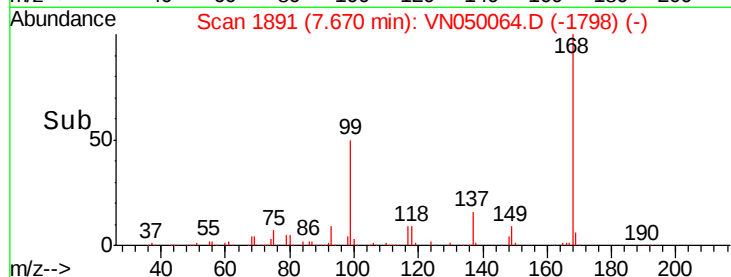
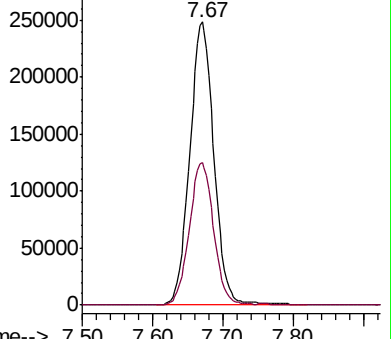
168 100

99 50.2 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 304

Delta R.T. 0.02 min

Lab File: VN050064.D

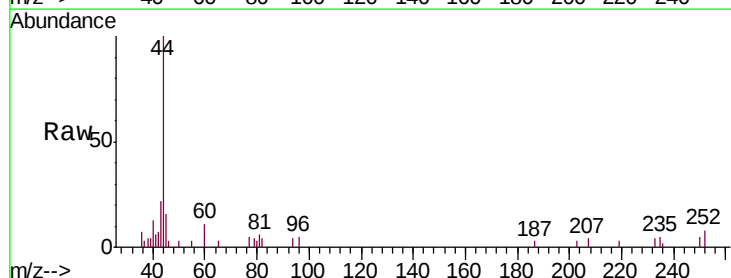
Acq: 26 Jul 2018 00:19

Tgt Ion: 94 Resp: 621

Ion Ratio Lower Upper

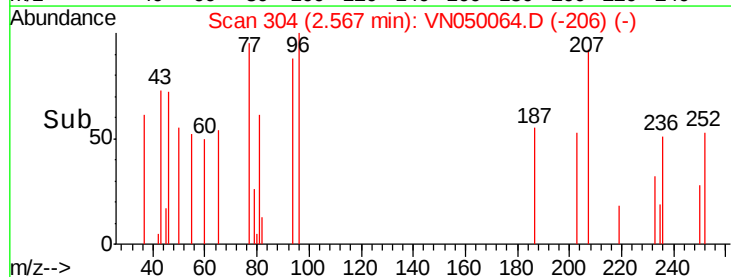
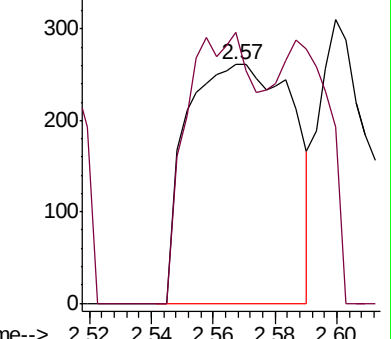
94 100

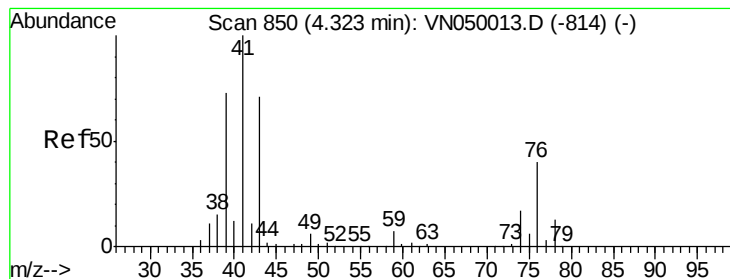
96 113.4 74.6 112.0#



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO





#14

Allvl chloride

Concen: 1.97 ug/l

RT: 4.55 min Scan# 922

Delta R.T. 0.23 min

Lab File: VN050064.D

Acq: 26 Jul 2018 00:19

Instrument :

MSVOA_N

ClientSampleId :

CON-WC-S-2-0-11

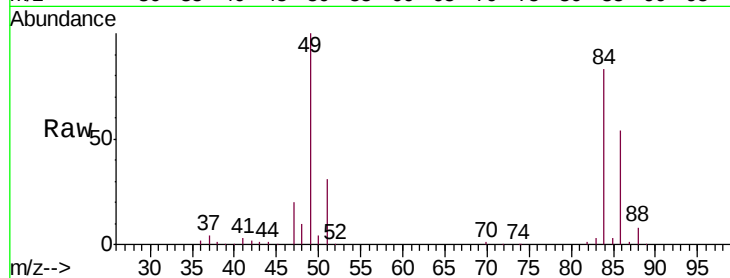
Tot Ion: 41 Resp: 20963

Ion Ratio Lower Upper

41 100

39 0.6 54.2 81.4#

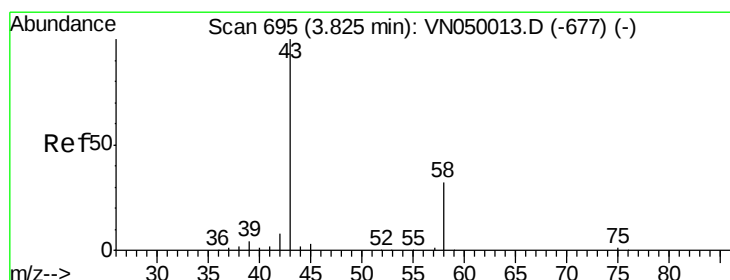
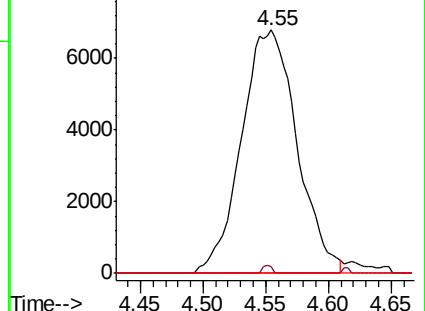
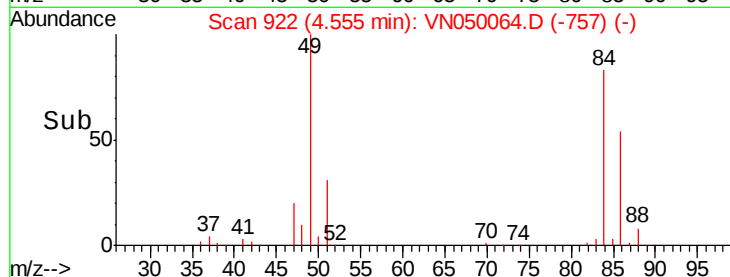
76 0.0 29.0 43.6#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0



#16

Acetone

Concen: 10.36 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050064.D

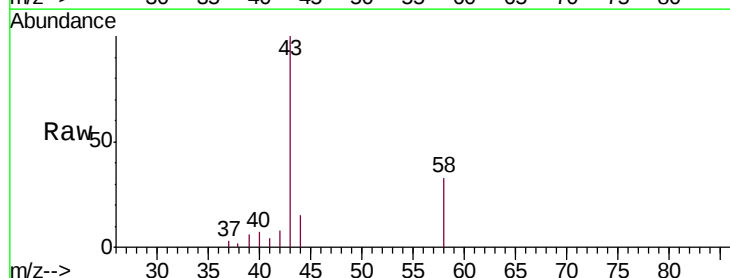
Acq: 26 Jul 2018 00:19

Tgt Ion: 43 Resp: 28393

Ion Ratio Lower Upper

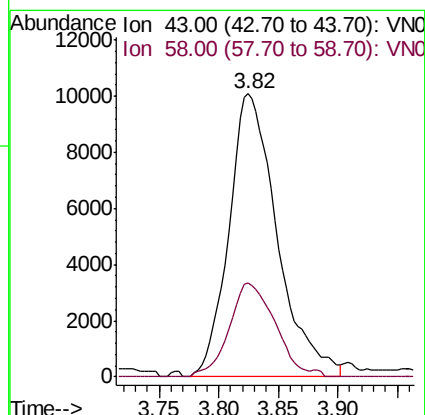
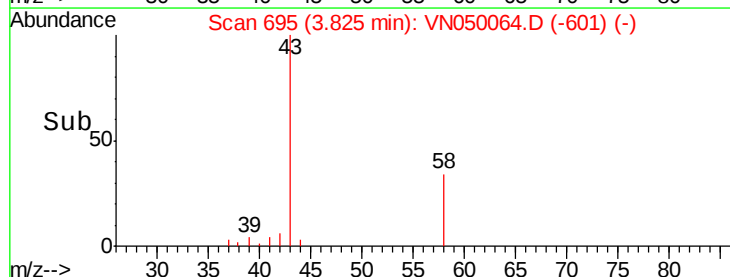
43 100

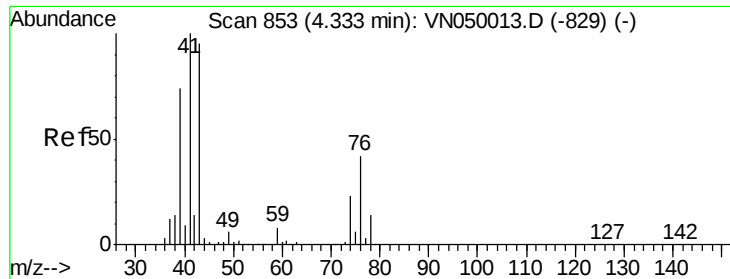
58 33.0 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

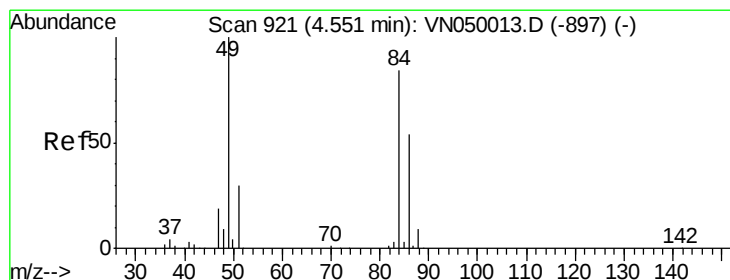
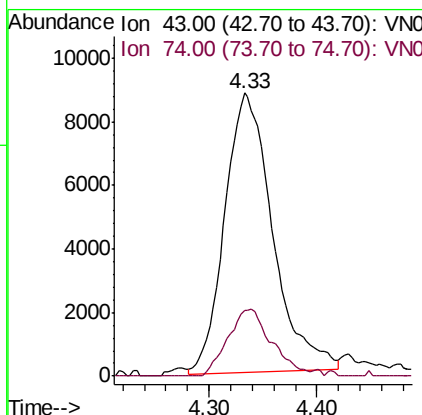
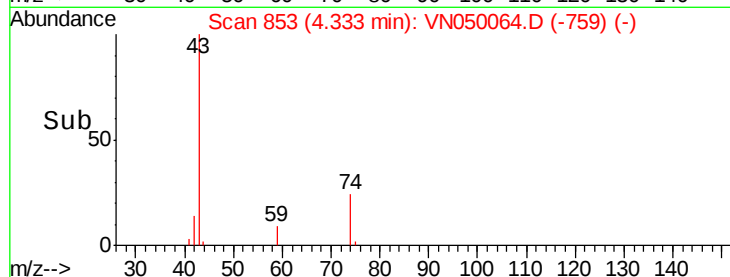
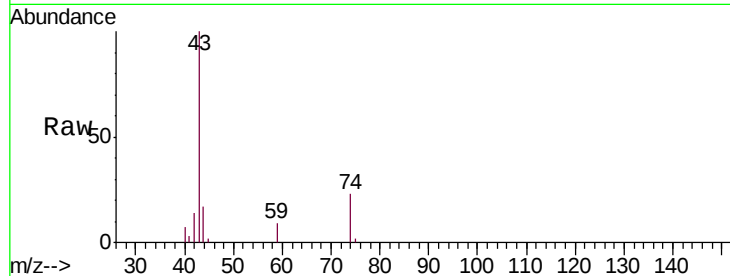




#18
Methvl Acetate
Concen: 2.03 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN050064.D
Acq: 26 Jul 2018 00:19

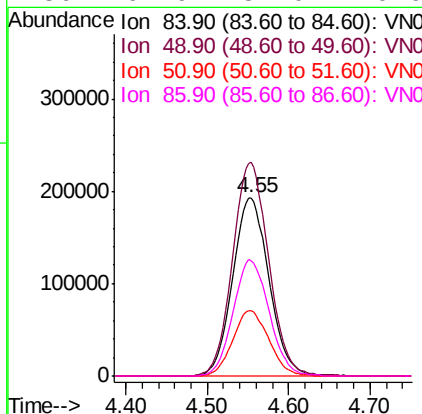
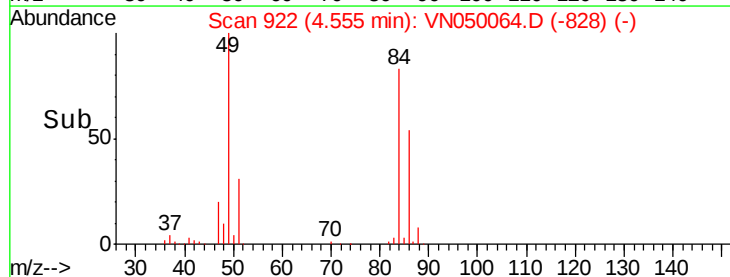
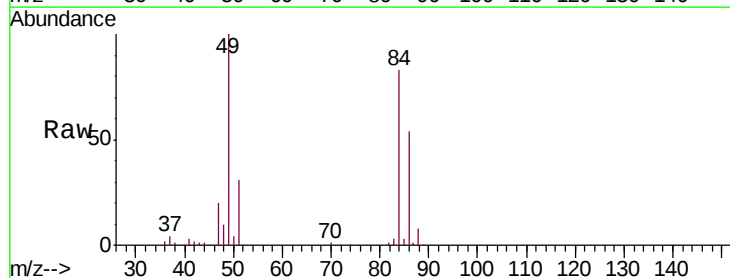
Instrument :
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CON-WC-S-2-0-11

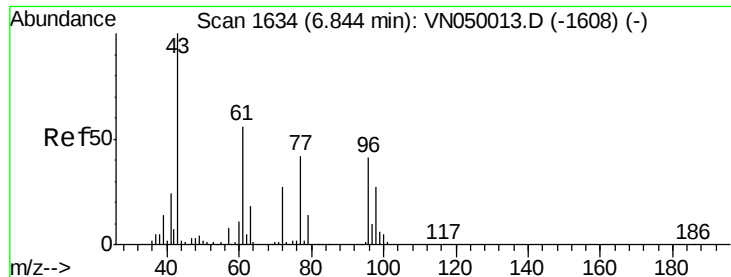
Tot Ion: 43 Resp: 27293
Ion Ratio Lower Upper
43 100
74 21.9 19.2 28.8



#20
Methylene Chloride
Concen: 81.82 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050064.D
Acq: 26 Jul 2018 00:19

Tgt Ion: 84 Resp: 596334
Ion Ratio Lower Upper
84 100
49 119.9 94.8 142.2
51 36.7 28.3 42.5
86 64.9 51.0 76.6

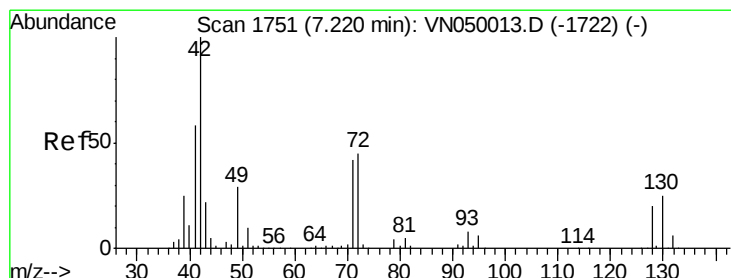
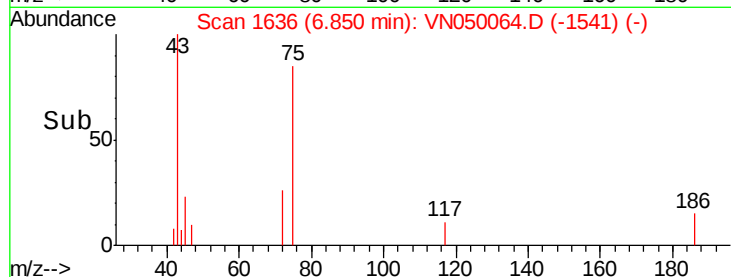
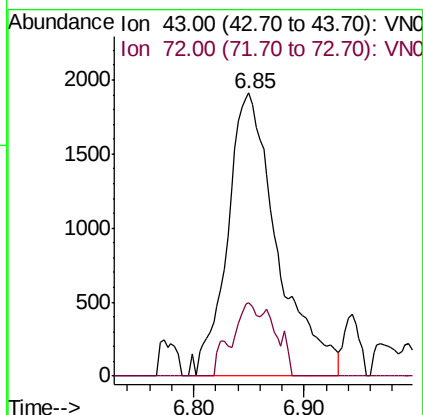
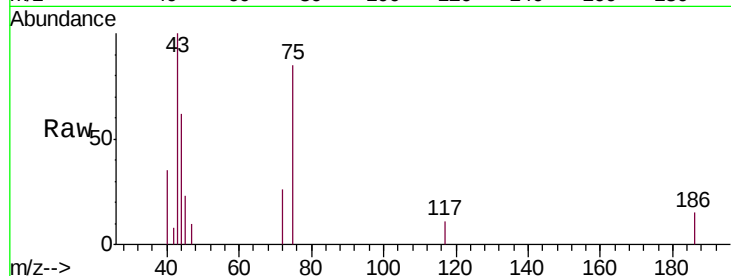




#25
2-Butanone
Concen: 1.91 ug/l
RT: 6.85 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VN050064.D
Acq: 26 Jul 2018 00:19

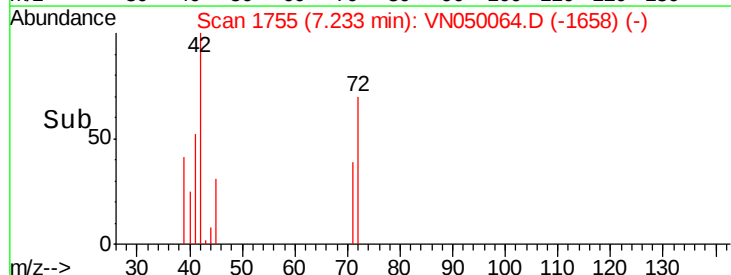
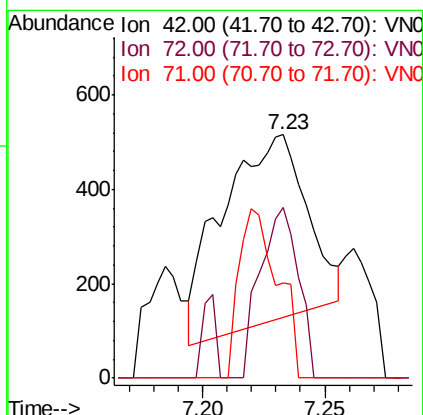
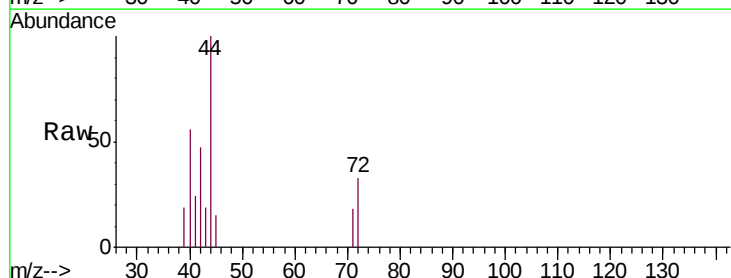
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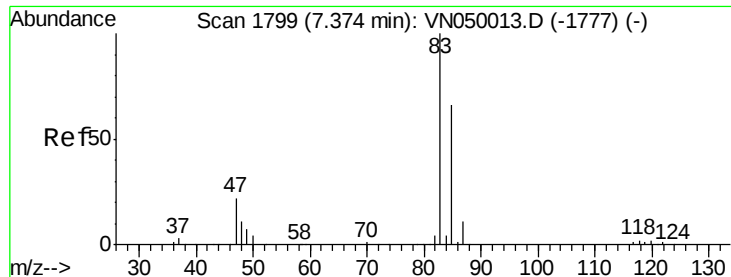
Tot Ion: 43 Resp: 6046
Ion Ratio Lower Upper
43 100
72 26.0 21.5 32.3



#29
Tetrahydrofuran
Concen: 0.47 ug/l
RT: 7.23 min Scan# 1755
Delta R.T. 0.01 min
Lab File: VN050064.D
Acq: 26 Jul 2018 00:19

Tgt Ion: 42 Resp: 960
Ion Ratio Lower Upper
42 100
72 41.0 35.9 53.9
71 41.0 33.7 50.5





#30

Chloroform

Concen: 0.43 ug/l

RT: 7.38 min Scan# 1802

Delta R.T. 0.01 min

Lab File: VN050064.D

Acq: 26 Jul 2018 00:19

Instrument :

MSVOA_N

ClientSampleId :

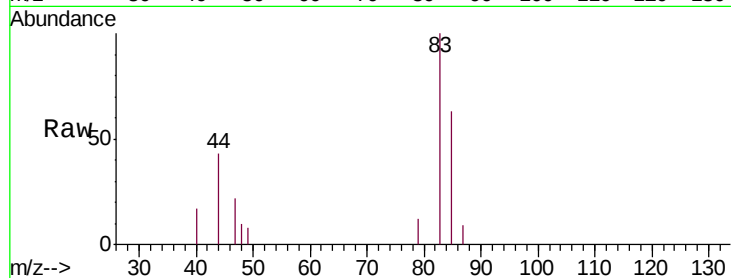
CON-WC-S-2-0-11

Tot Ion: 83 Resp: 6116

Ion Ratio Lower Upper

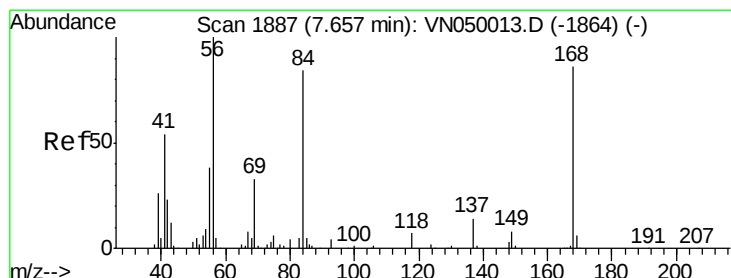
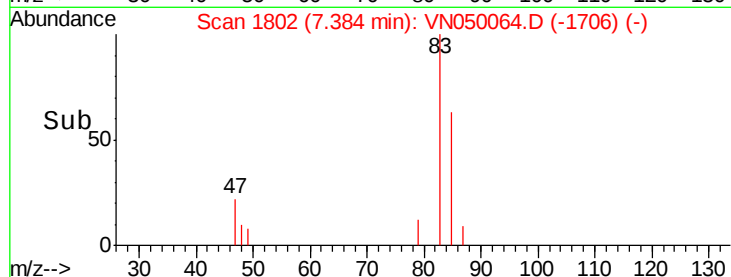
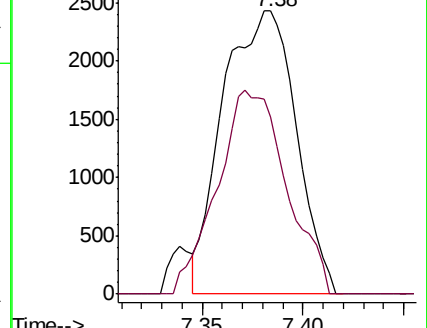
83 100

85 62.6 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN050013.D (-1777) (-)

Ion 84.90 (84.60 to 85.60): VN050013.D (-1777) (-)



#31

Cyclohexane

Concen: 0.99 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VN050064.D

Acq: 26 Jul 2018 00:19

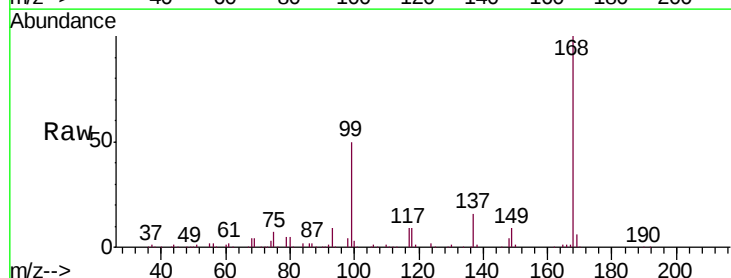
Tgt Ion: 56 Resp: 12130

Ion Ratio Lower Upper

56 100

69 179.2 26.2 39.4#

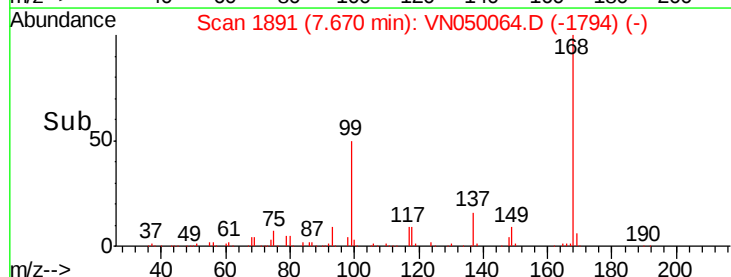
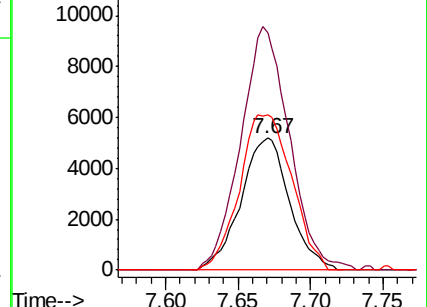
84 117.2 67.4 101.0#

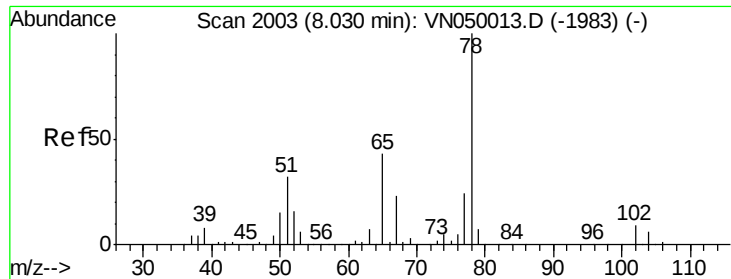


Abundance Ion 56.00 (55.70 to 56.70): VN050013.D (-1864) (-)

Ion 69.00 (68.70 to 69.70): VN050013.D (-1864) (-)

Ion 84.00 (83.70 to 84.70): VN050013.D (-1864) (-)

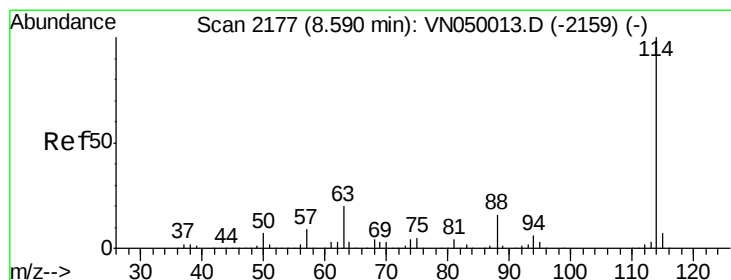
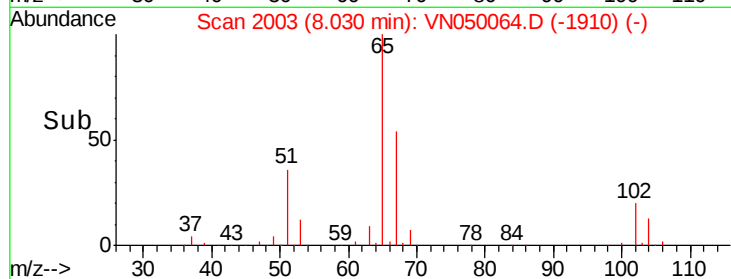
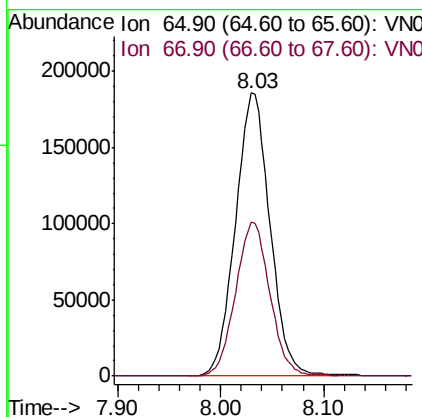
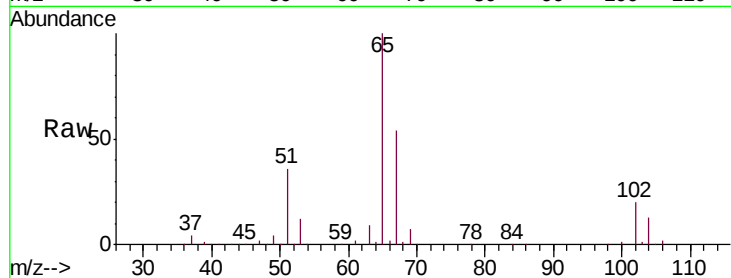




#33
 1,2-Dichloroethane-d4
 Concen: 52.05 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050064.D
 Acq: 26 Jul 2018 00:19

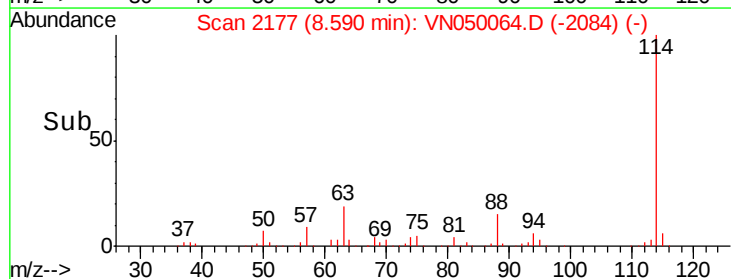
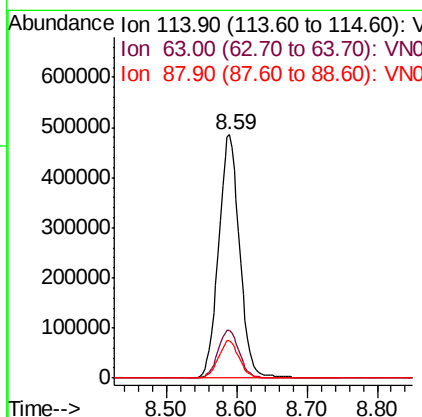
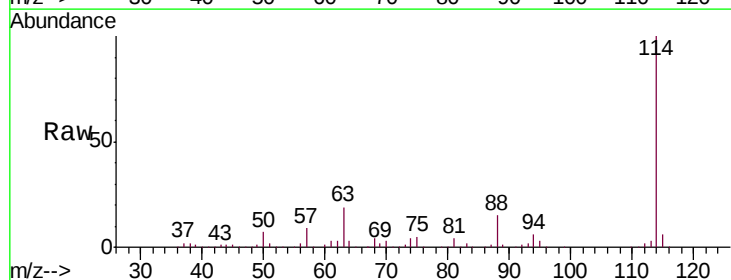
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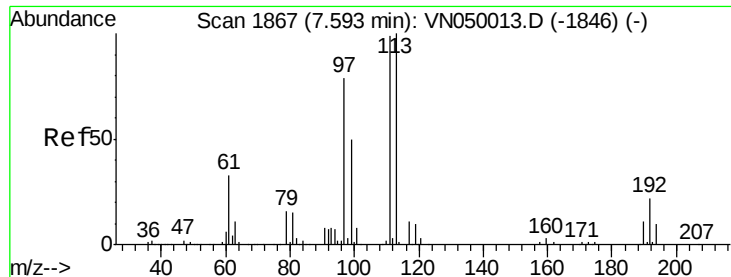
Tot Ion: 65 Resp: 432087
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050064.D
 Acq: 26 Jul 2018 00:19

Tgt Ion: 114 Resp: 1004461
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.0
 88 15.3 0.0 31.2

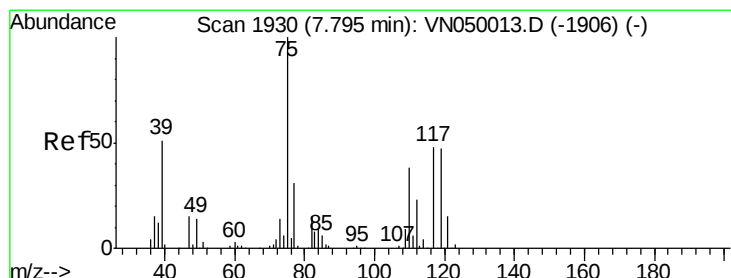
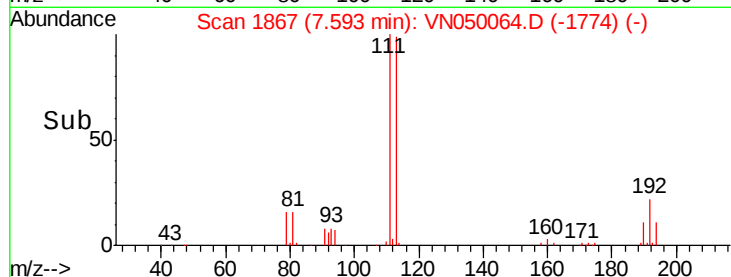
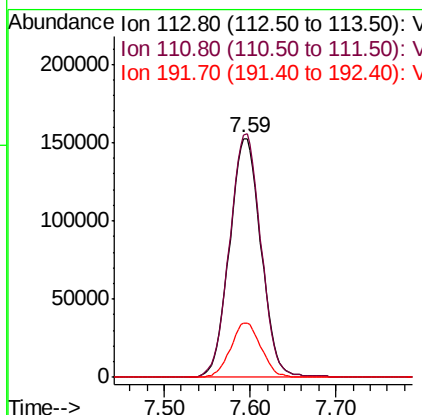
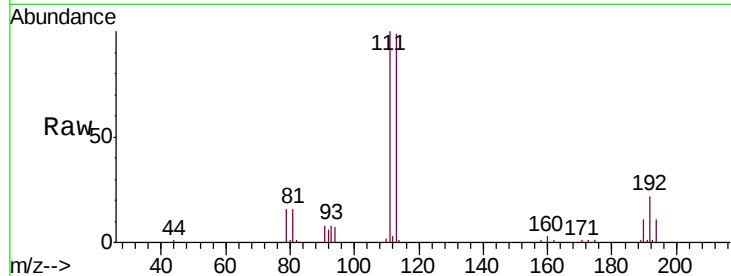




#35
 Dibromofluoromethane
 Concen: 47.45 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050064.D
 Acq: 26 Jul 2018 00:19

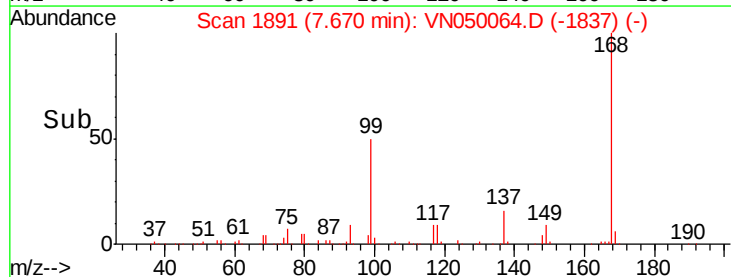
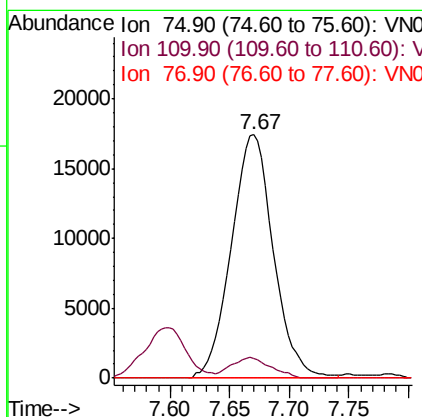
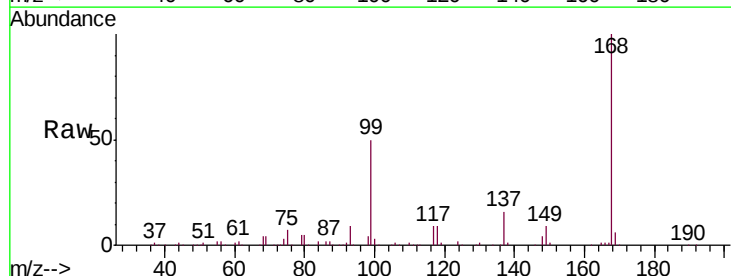
Instrument :
 MSVOA_N
 ClientSampleId :
 CON-WC-S-2-0-11

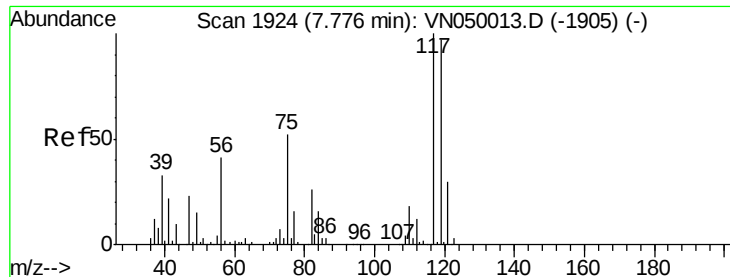
Tot Ion:113 Resp: 389176
 Ion Ratio Lower Upper
 113 100
 111 101.7 80.7 121.1
 192 22.0 17.8 26.6



#36
 1,1-Dichloropropene
 Concen: 3.78 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.13 min
 Lab File: VN050064.D
 Acq: 26 Jul 2018 00:19

Tgt Ion: 75 Resp: 42757
 Ion Ratio Lower Upper
 75 100
 110 7.9 18.4 55.2#
 77 0.0 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 4.53 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.11 min

Lab File: VN050064.D

Acq: 26 Jul 2018 00:19

Instrument :

MSVOA_N

ClientSampleId :

CON-WC-S-2-0-11

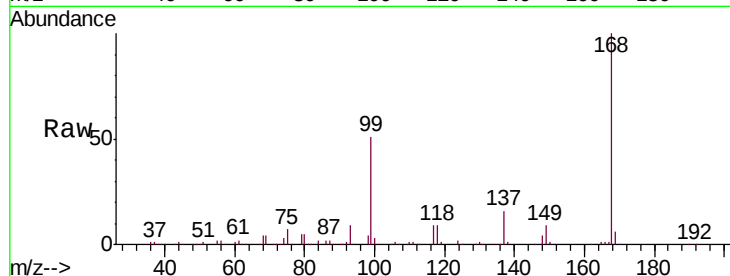
Tot Ion:117 Resp: 54348

Ion Ratio Lower Upper

117 100

119 6.3 77.4 116.0#

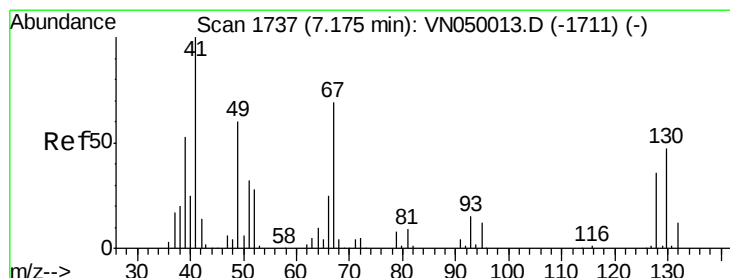
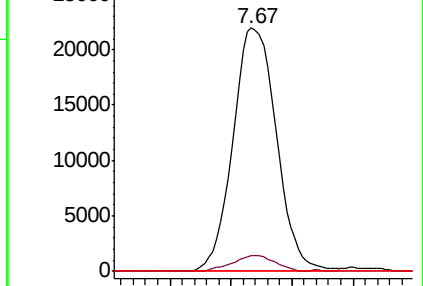
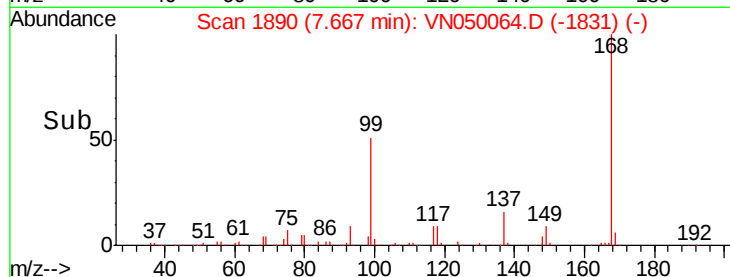
121 0.0 23.9 35.9#



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



#41

Methacrylonitrile

Concen: 2.89 ug/l

RT: 7.22 min Scan# 1752

Delta R.T. 0.05 min

Lab File: VN050064.D

Acq: 26 Jul 2018 00:19

Tgt Ion: 41 Resp: 605

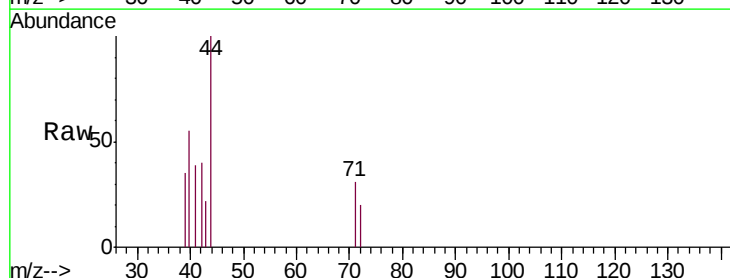
Ion Ratio Lower Upper

41 100

39 85.1 55.8 83.6#

67 0.0 84.3 126.5#

52 0.0 34.2 51.2#

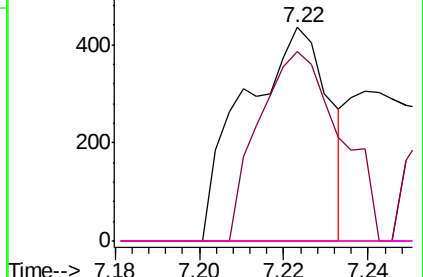
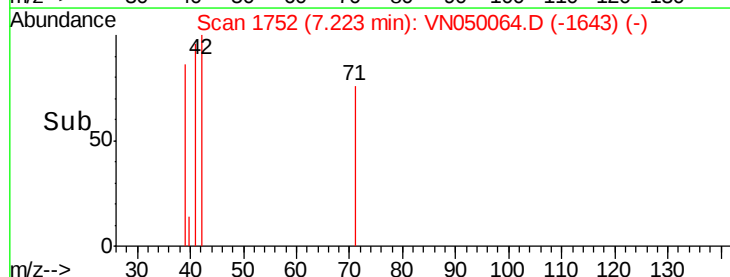


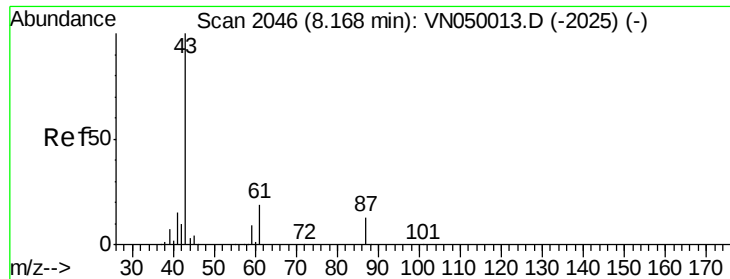
Abundance Ion 41.00 (40.70 to 41.70): V

Ion 39.00 (38.70 to 39.70): V

Ion 67.00 (66.70 to 67.70): V

Ion 52.00 (51.70 to 52.70): V



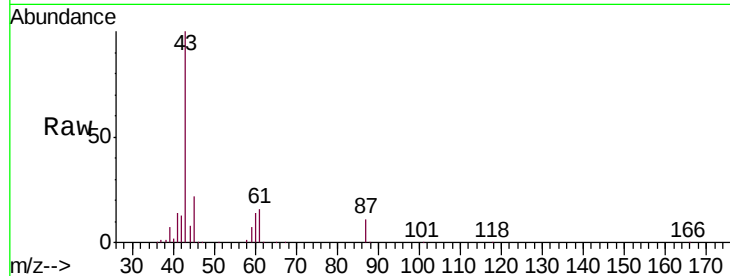


#43

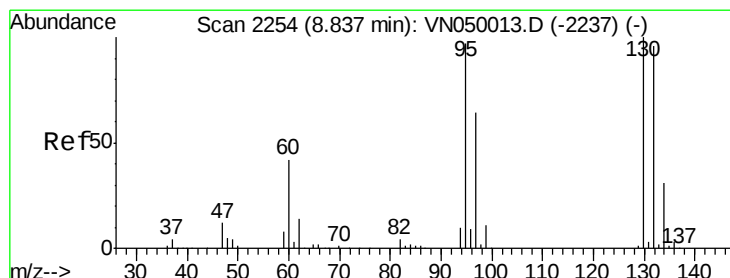
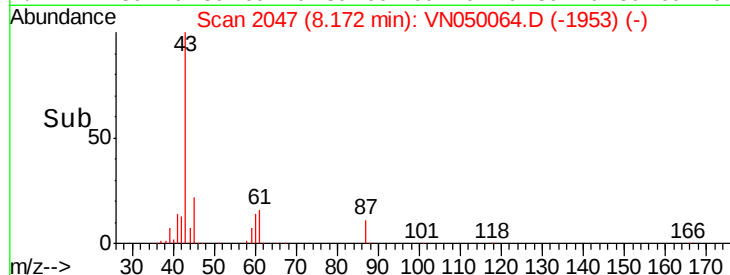
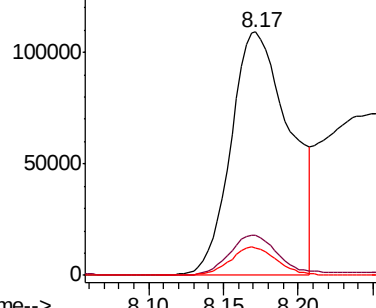
Isopropyl Acetate
 Concen: 19.27 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VN050064.D
 Acq: 26 Jul 2018 00:19

Instrument :
 MSVOA_N
 ClientSampleId :
 CON-WC-S-2-0-11

Tot Ion: 43 Resp: 296886
 Ion Ratio Lower Upper
 43 100
 61 14.1 15.8 23.6#
 87 9.3 10.3 15.5#



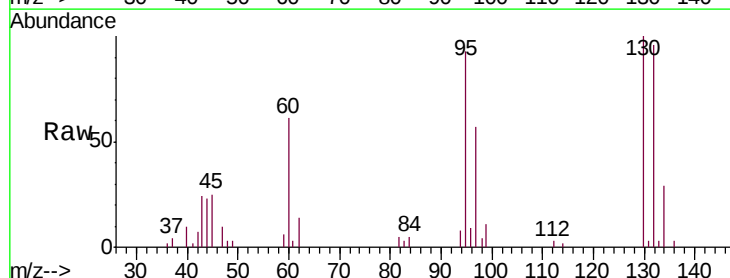
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



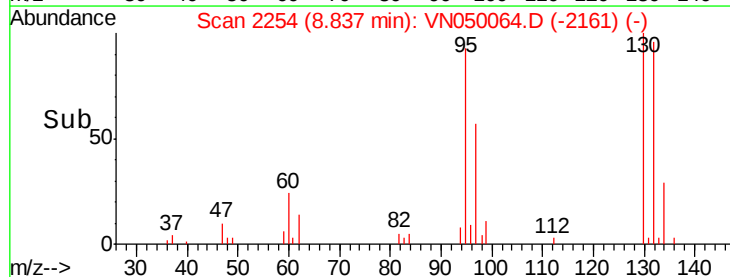
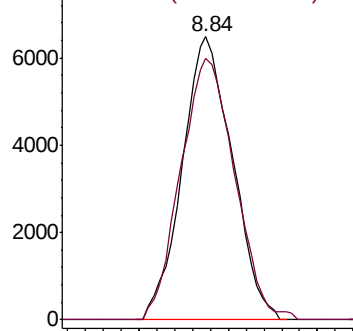
#44

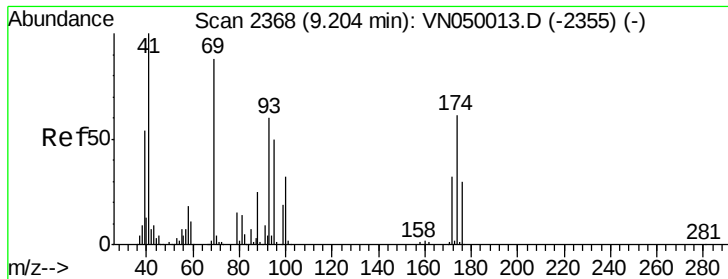
Trichloroethene
 Concen: 1.38 ug/l
 RT: 8.84 min Scan# 2254
 Delta R.T. 0.00 min
 Lab File: VN050064.D
 Acq: 26 Jul 2018 00:19

Tgt Ion:130 Resp: 12724
 Ion Ratio Lower Upper
 130 100
 95 92.6 0.0 194.6



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VN0

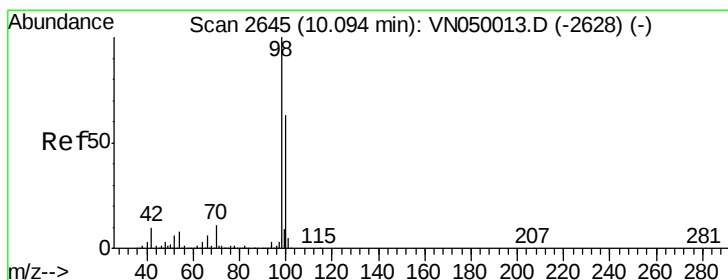
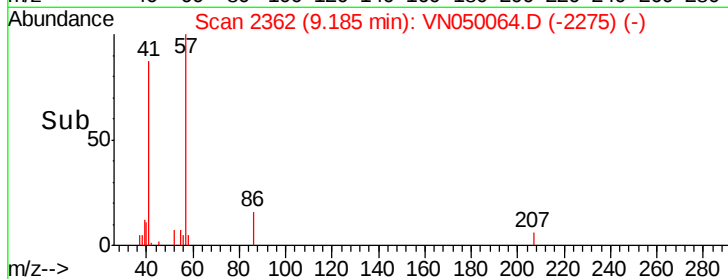
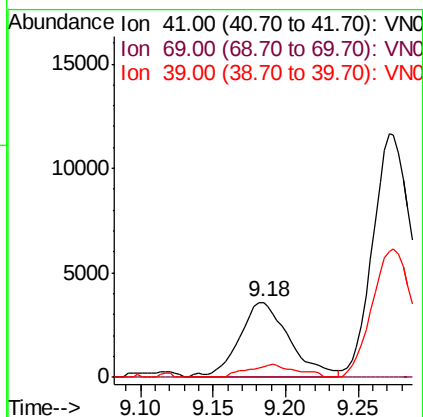
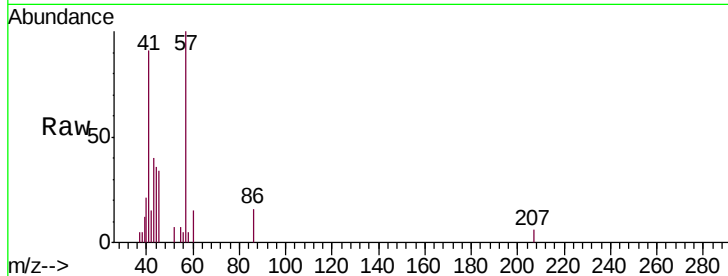




#48
Methyl methacrylate
Concen: 1.27 ug/l
RT: 9.18 min Scan# 2362
Delta R.T. -0.02 min
Lab File: VN050064.D
Acq: 26 Jul 2018 00:19

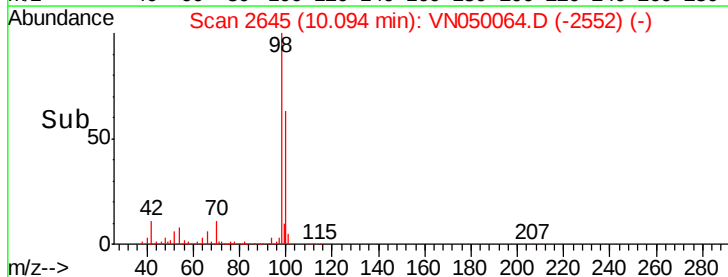
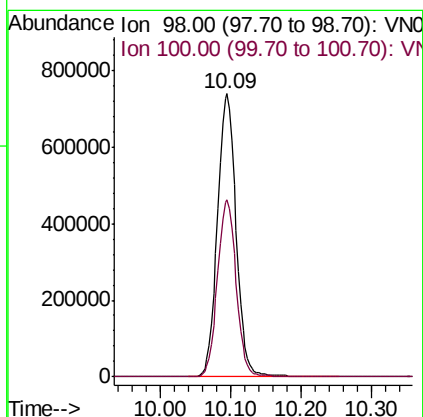
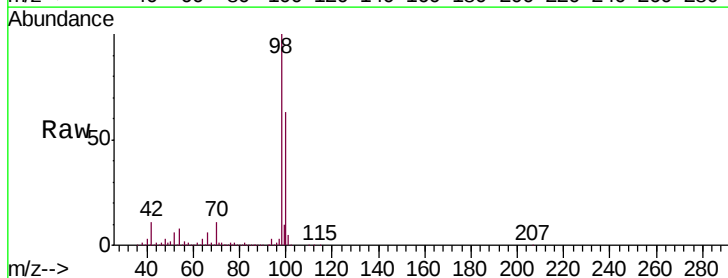
Instrument :
MSVOA_N
ClientSampleId :
CON-WC-S-2-0-11

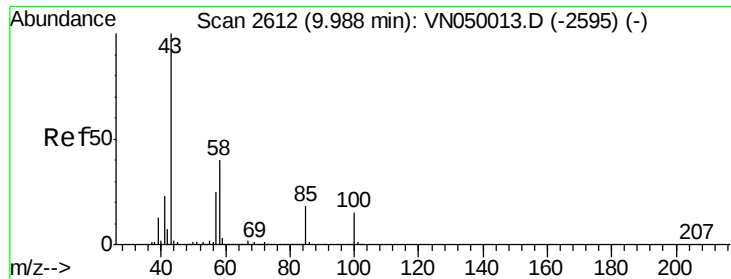
Tot Ion: 41 Resp: 8646
Ion Ratio Lower Upper
41 100
69 0.0 70.6 105.8#
39 14.8 43.9 65.9#



#50
Toluene-d8
Concen: 45.11 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050064.D
Acq: 26 Jul 2018 00:19

Tgt Ion: 98 Resp: 1360035
Ion Ratio Lower Upper
98 100
100 62.9 50.7 76.1

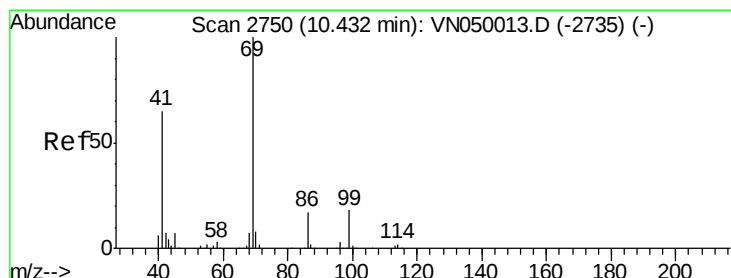
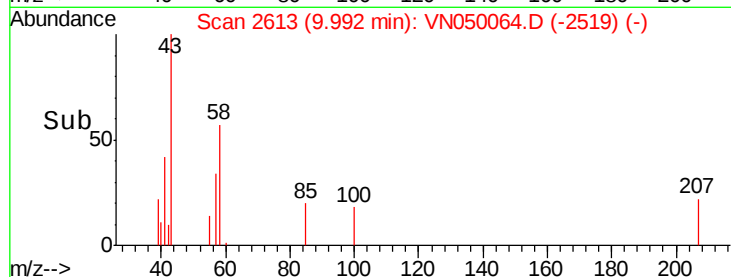
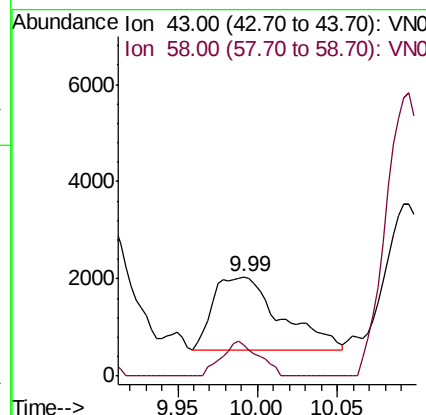
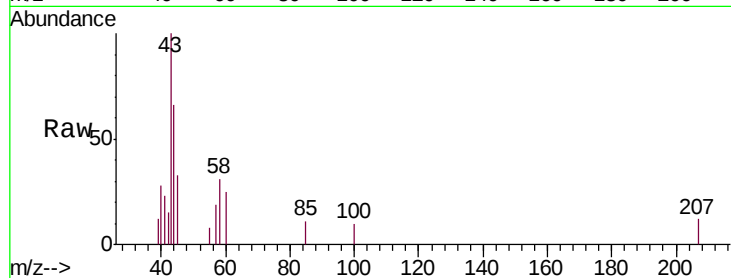




#51
4-Methyl-2-Pentanone
Concen: 0.57 ug/l
RT: 9.99 min Scan# 2613
Delta R.T. 0.00 min
Lab File: VN050064.D
Acq: 26 Jul 2018 00:19

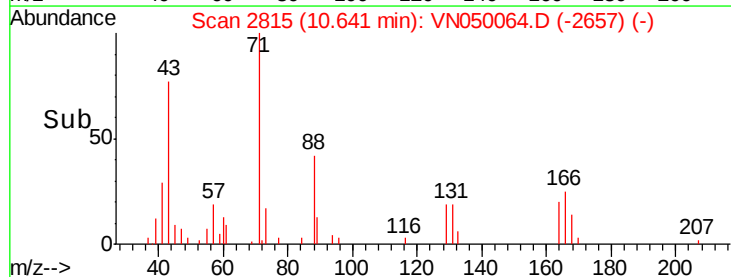
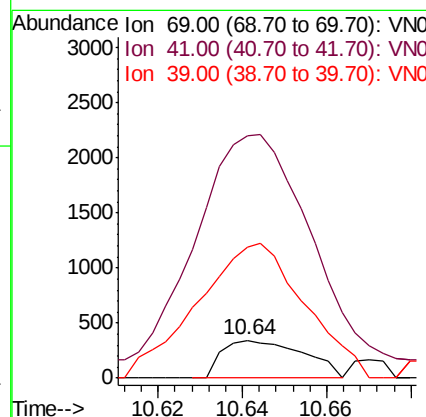
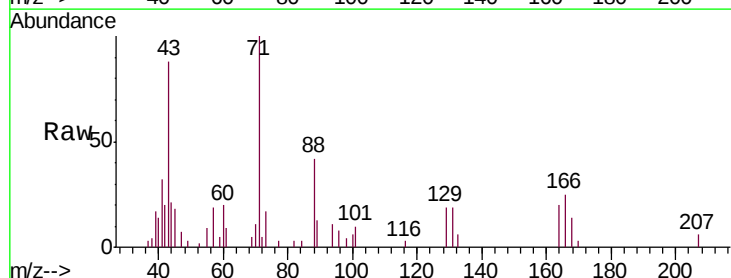
Instrument :
MSVOA_N
ClientSampleId :
CON-WC-S-2-0-11

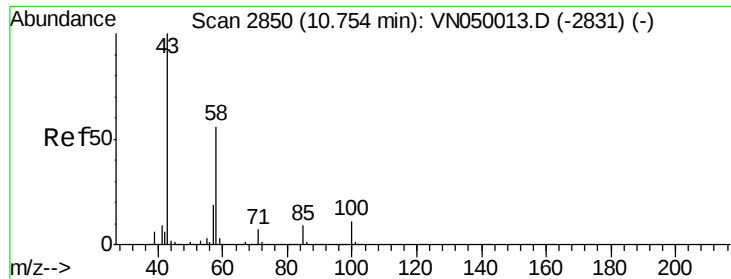
Tot Ion: 43 Resp: 4394
Ion Ratio Lower Upper
43 100
58 25.7 31.9 47.9#



#56
Ethyl methacrylate
Concen: 2.07 ug/l
RT: 10.64 min Scan# 2815
Delta R.T. 0.21 min
Lab File: VN050064.D
Acq: 26 Jul 2018 00:19

Tgt Ion: 69 Resp: 459
Ion Ratio Lower Upper
69 100
41 833.8 51.0 76.4#
39 473.0 26.6 40.0#

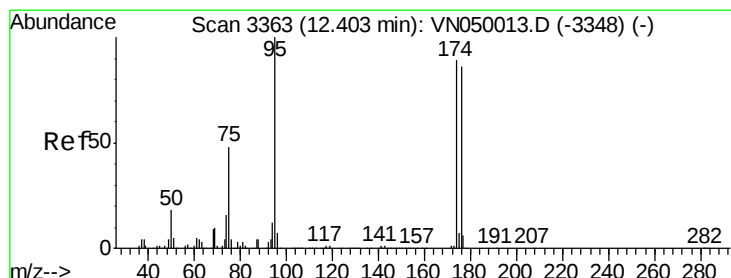
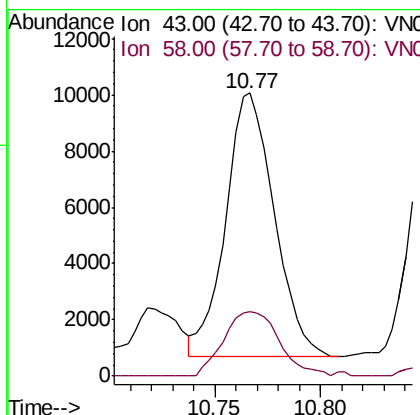
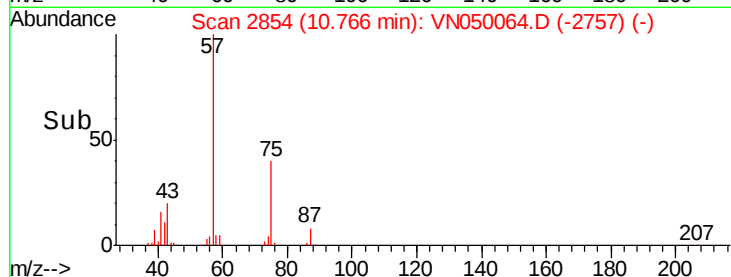
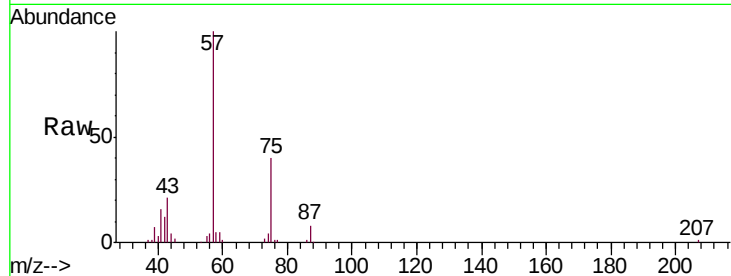




#59
2-Hexanone
Concen: 7.75 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN050064.D
Acq: 26 Jul 2018 00:19

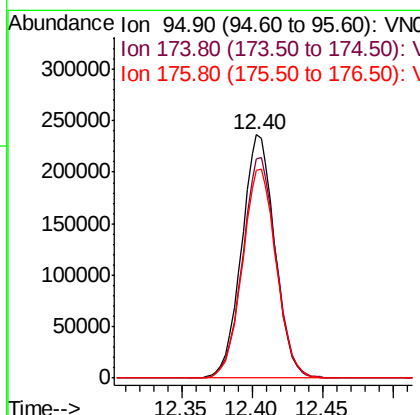
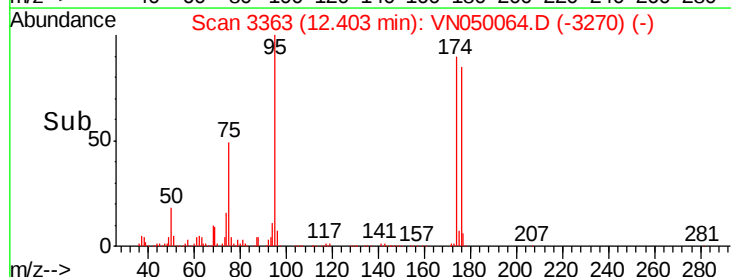
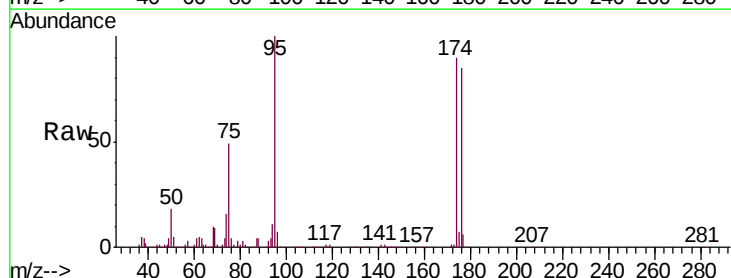
Instrument :
MSVOA_N
ClientSampleId :
CON-WC-S-2-0-11

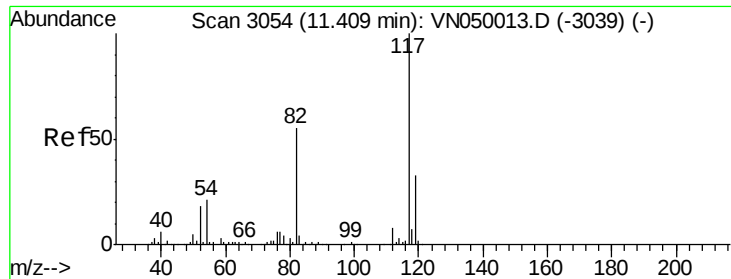
Tot Ion: 43 Resp: 15012
Ion Ratio Lower Upper
43 100
58 28.0 27.6 82.7



#62
4-Bromofluorobenzene
Concen: 39.25 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050064.D
Acq: 26 Jul 2018 00:19

Tgt Ion: 95 Resp: 389693
Ion Ratio Lower Upper
95 100
174 91.7 0.0 178.2
176 87.5 0.0 173.4

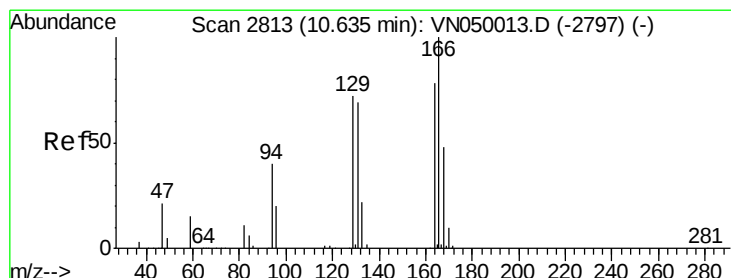
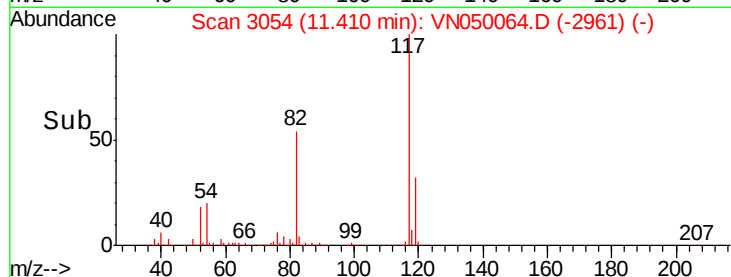
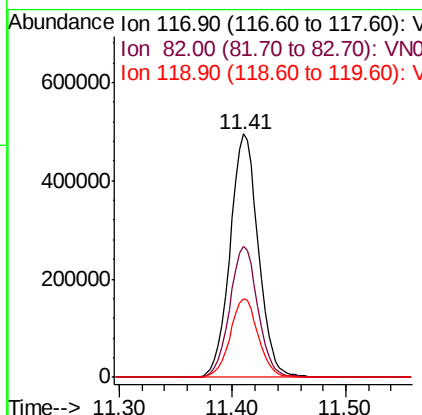
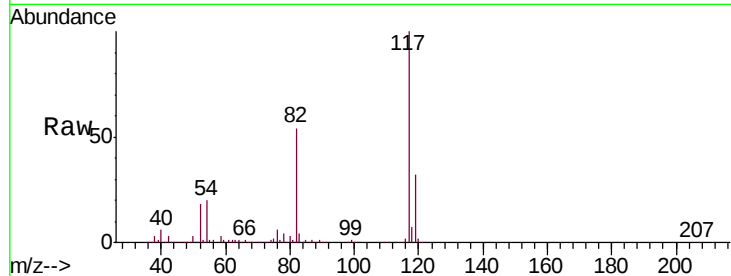




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050064.D
Acq: 26 Jul 2018 00:19

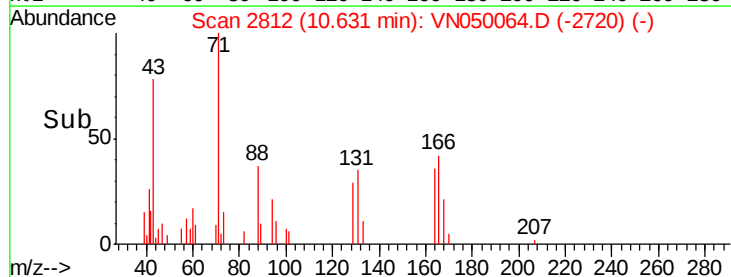
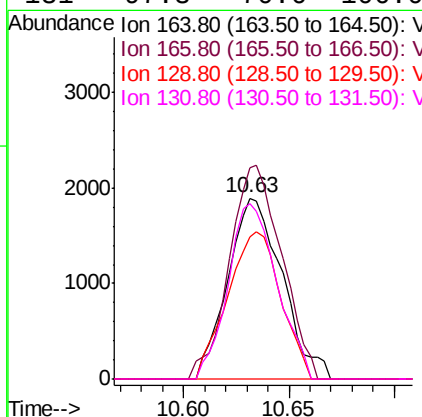
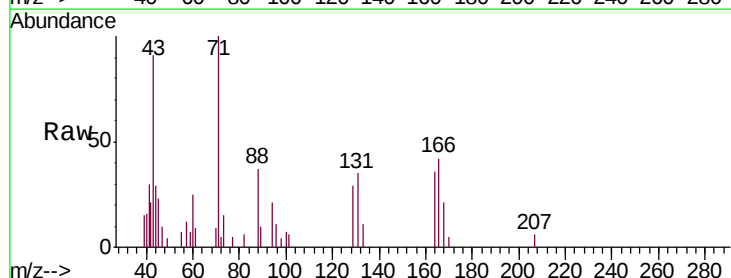
Instrument :
MSVOA_N
ClientSampleId :
CON-WC-S-2-0-11

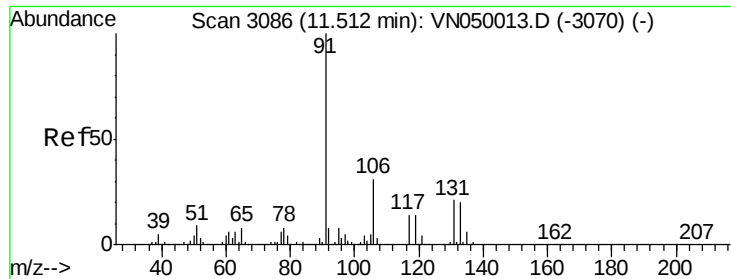
Tot Ion:117 Resp: 860066
Ion Ratio Lower Upper
117 100
82 54.0 43.7 65.5
119 32.5 26.1 39.1



#64
Tetrachloroethene
Concen: 0.41 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN050064.D
Acq: 26 Jul 2018 00:19

Tgt Ion:164 Resp: 3381
Ion Ratio Lower Upper
164 100
166 116.8 102.1 153.1
129 78.7 73.2 109.8
131 97.3 70.6 106.0

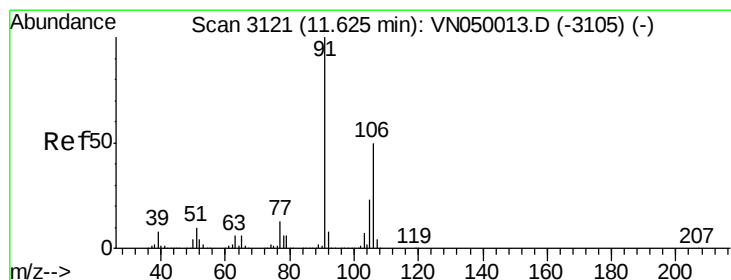
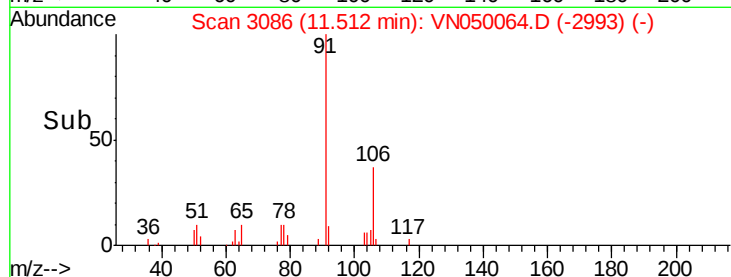
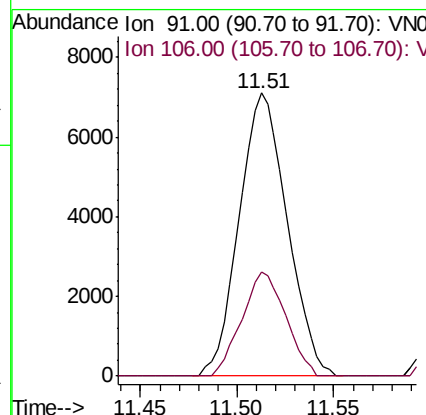
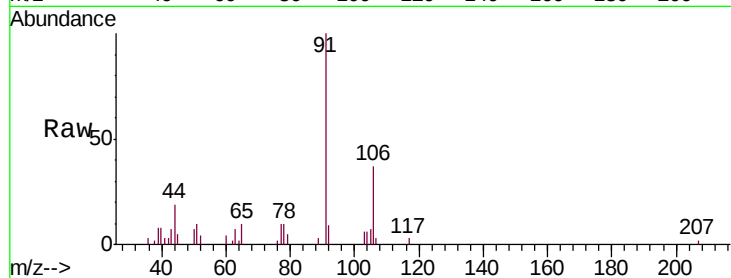




#67
Ethyl Benzene
Concen: 0.35 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN050064.D
Acq: 26 Jul 2018 00:19

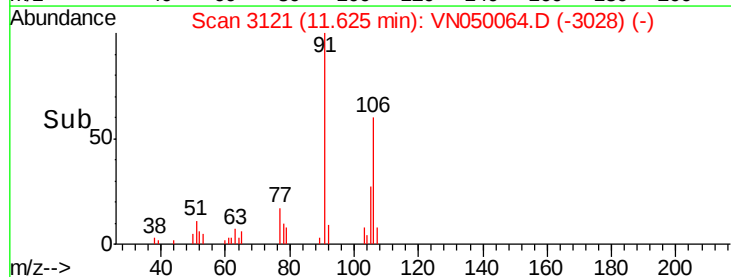
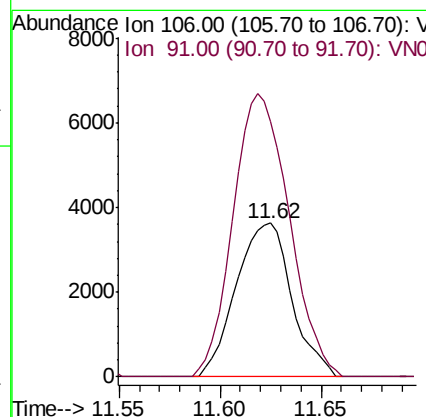
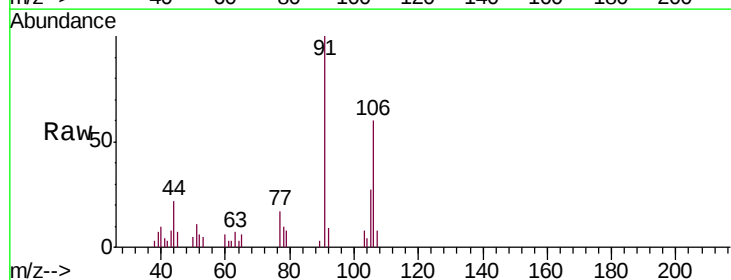
Instrument :
MSVOA_N
ClientSampleId :
CON-WC-S-2-0-11

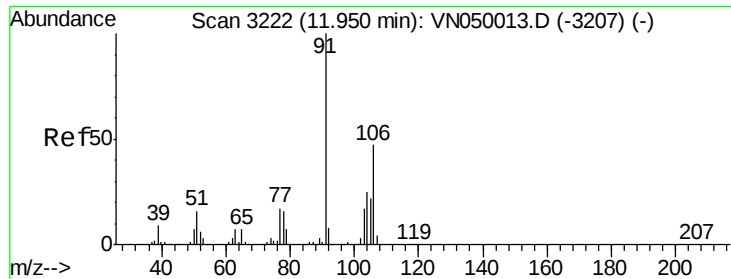
Tot Ion: 91 Resp: 12248
Ion Ratio Lower Upper
91 100
106 36.8 25.0 37.4



#68
m/p-Xylenes
Concen: 0.53 ug/l
RT: 11.62 min Scan# 3121
Delta R.T. 0.00 min
Lab File: VN050064.D
Acq: 26 Jul 2018 00:19

Tgt Ion: 106 Resp: 7005
Ion Ratio Lower Upper
106 100
91 185.6 162.2 243.2

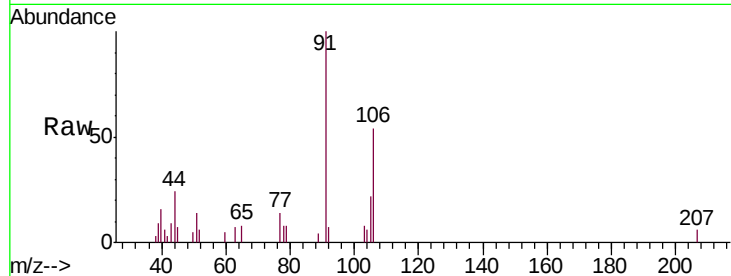




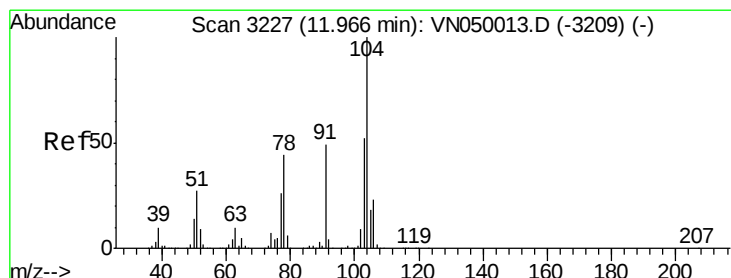
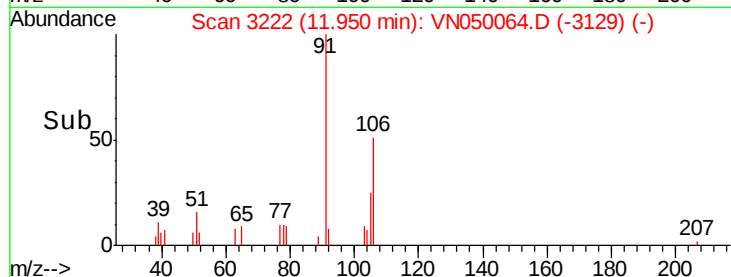
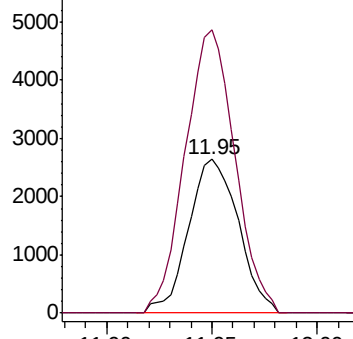
#69
o-Xylene
Concen: 0.34 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050064.D
Acq: 26 Jul 2018 00:19

Instrument :
MSVOA_N
ClientSampled :
CON-WC-S-2-0-11

Tot Ion:106 Resp: 4340
Ion Ratio Lower Upper
106 100
91 184.0 107.7 323.1

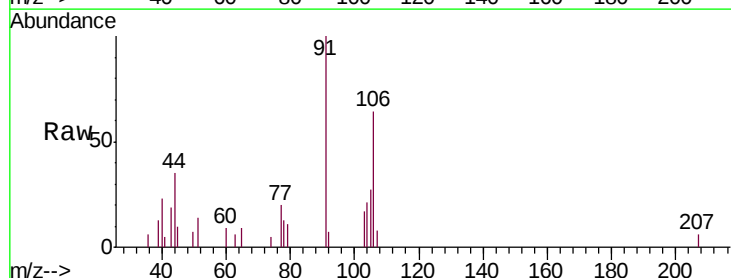


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

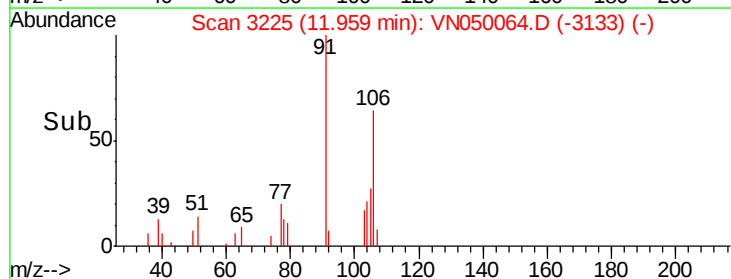
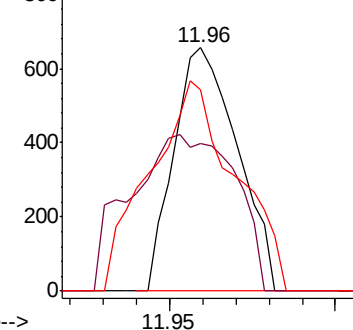


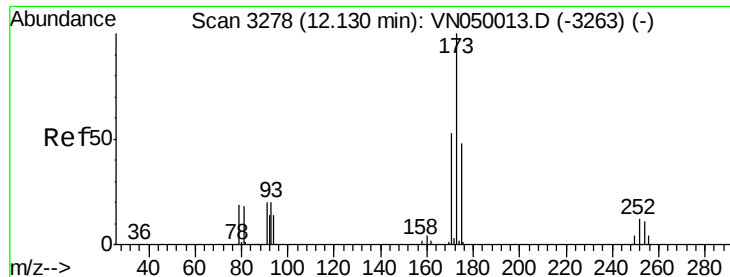
#70
Styrene
Concen: 0.96 ug/l
RT: 11.96 min Scan# 3225
Delta R.T. -0.01 min
Lab File: VN050064.D
Acq: 26 Jul 2018 00:19

Tgt Ion:104 Resp: 874
Ion Ratio Lower Upper
104 100
78 106.2 39.3 58.9#
103 116.7 45.0 67.6#



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 0.41 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.27 min

Lab File: VN050064.D

Acq: 26 Jul 2018 00:19

Instrument :

MSVOA_N

ClientSampleId :

CON-WC-S-2-0-11

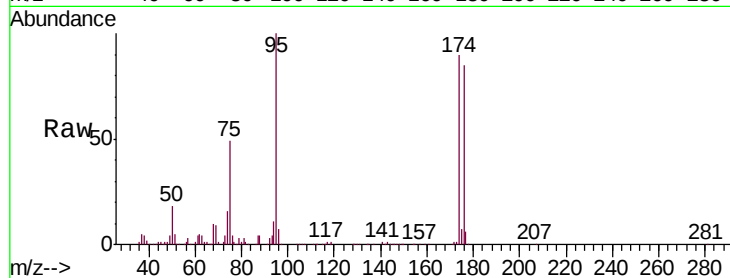
Tot Ion:173 Resp: 2464

Ion Ratio Lower Upper

173 100

175 0.0 24.1 72.2#

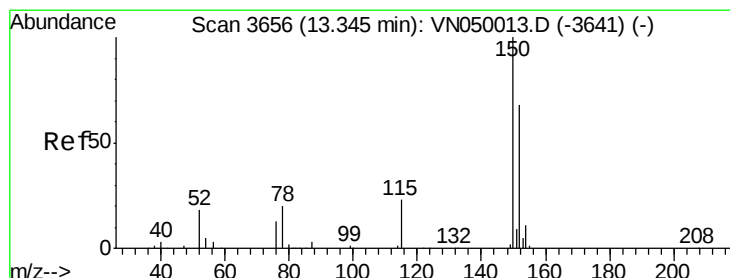
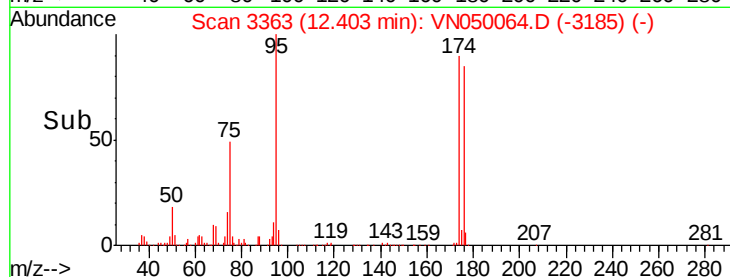
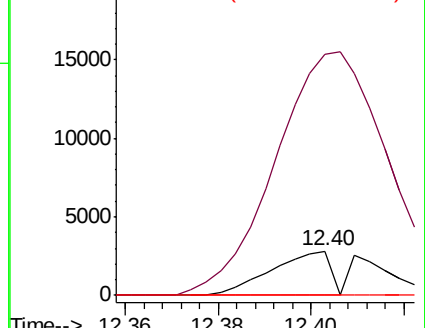
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): 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: VN050064.D

Acq: 26 Jul 2018 00:19

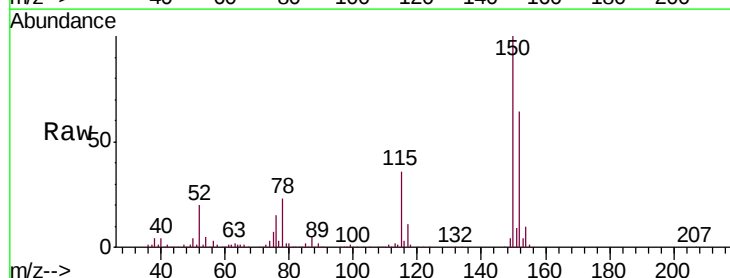
Tgt Ion:152 Resp: 369167

Ion Ratio Lower Upper

152 100

115 55.1 27.8 83.3

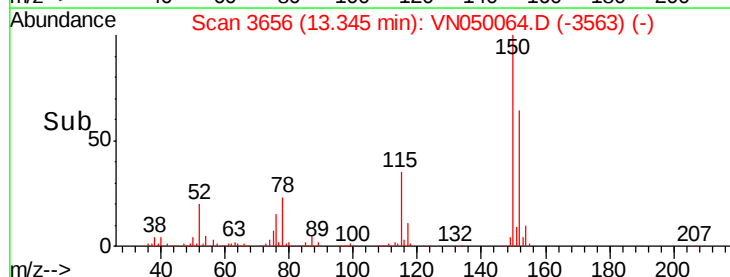
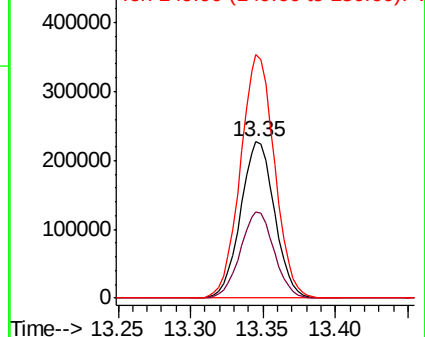
150 156.1 0.0 348.6

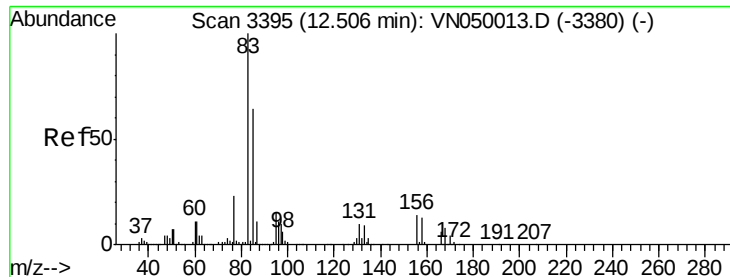


Abundance Ion 151.90 (151.60 to 152.60): V

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: 12.41 min Scan# 3365

Delta R.T. -0.10 min

Lab File: VN050064.D

Acq: 26 Jul 2018 00:19

Instrument :

MSVOA_N

ClientSampleId :

CON-WC-S-2-0-11

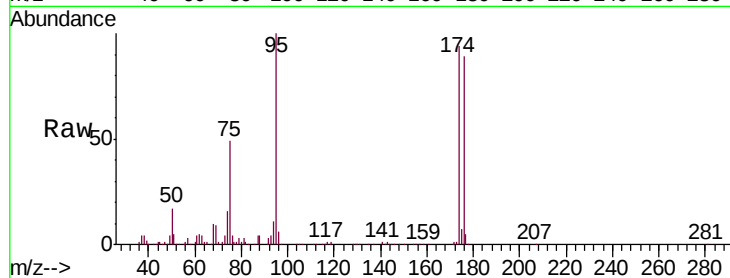
Tot Ion: 83 Resp: 318

Ion Ratio Lower Upper

83 100

131 75.5 5.1 15.3#

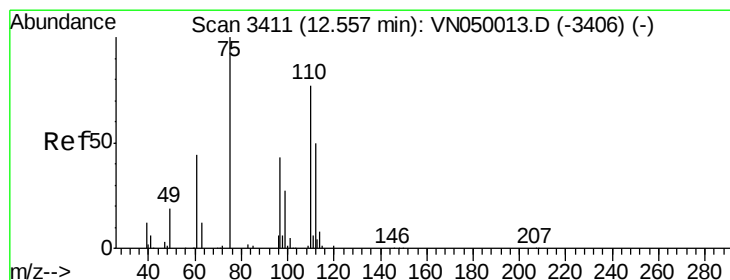
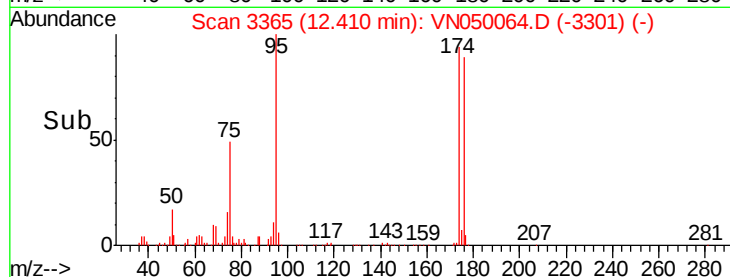
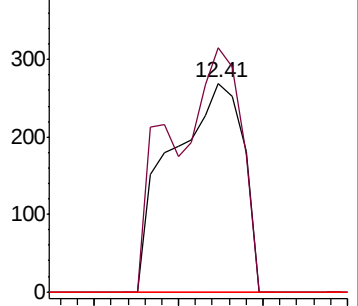
85 0.0 32.3 96.8#



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 28.05 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050064.D

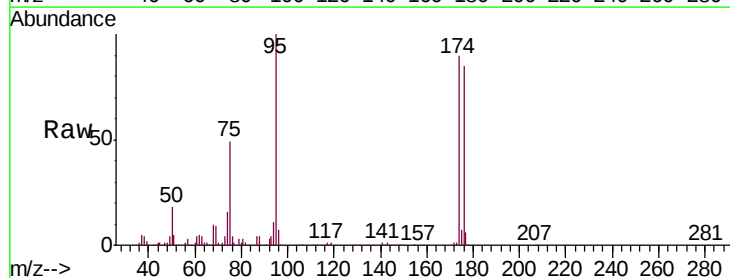
Acq: 26 Jul 2018 00:19

Tgt Ion: 75 Resp: 192442

Ion Ratio Lower Upper

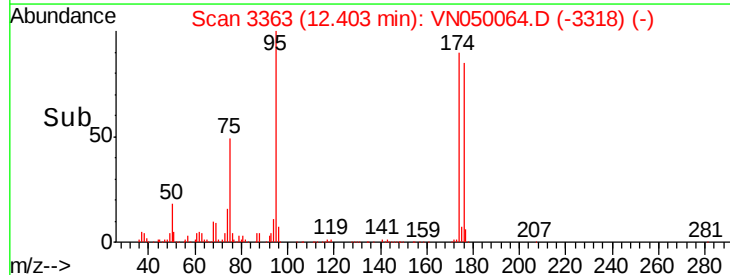
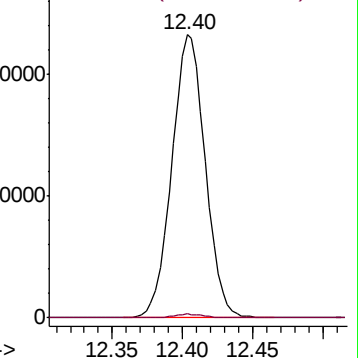
75 100

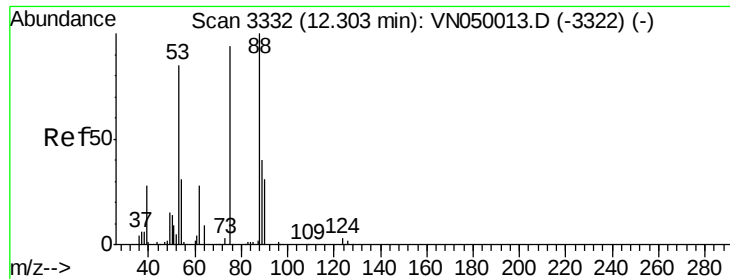
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#81

trans-1,4-Dichloro-2-butene

Concen: 88.97 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050064.D

Acq: 26 Jul 2018 00:19

Instrument :

MSVOA_N

ClientSampleId :

CON-WC-S-2-0-11

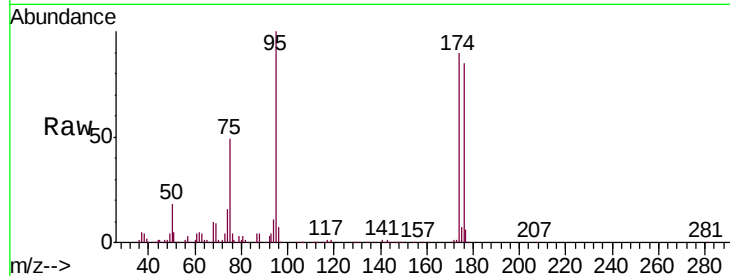
Tot Ion: 75 Resp: 192442

Ion Ratio Lower Upper

75 100

53 0.2 73.5 110.3#

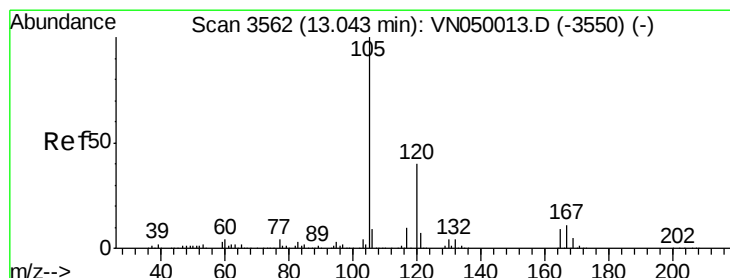
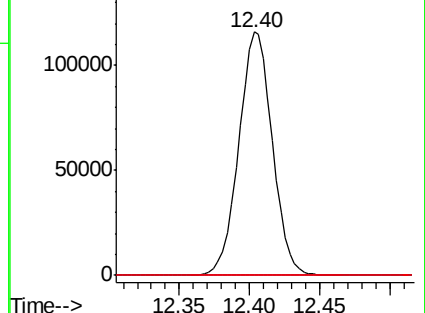
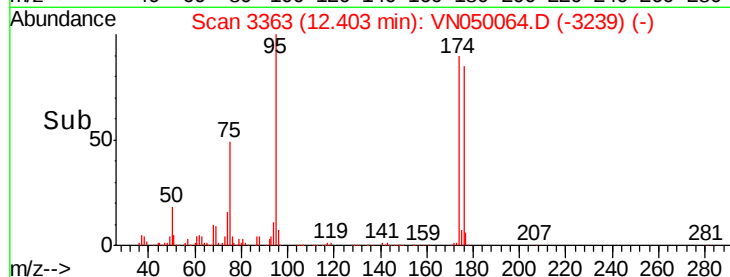
89 0.0 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#84

1,2,4-Trimethylbenzene

Concen: 0.46 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN050064.D

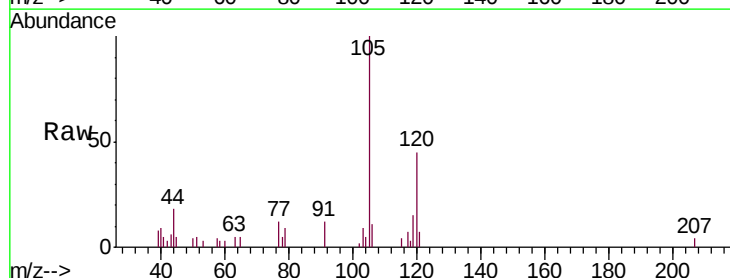
Acq: 26 Jul 2018 00:19

Tgt Ion: 105 Resp: 10503

Ion Ratio Lower Upper

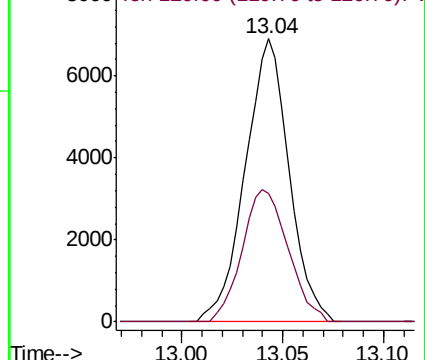
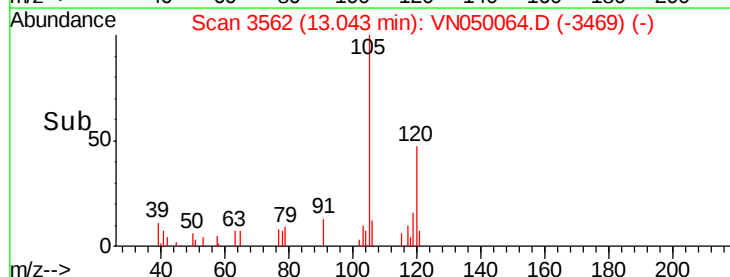
105 100

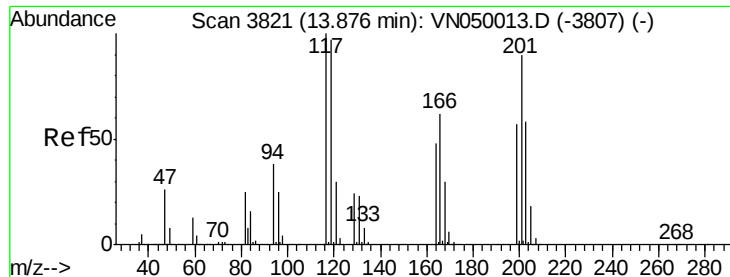
120 48.9 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#90

Hexachloroethane

Concen: 0.22 ug/l

RT: 13.89 min Scan# 3826

Delta R.T. 0.02 min

Lab File: VN050064.D

Acq: 26 Jul 2018 00:19

Instrument :

MSVOA_N

ClientSampleId :

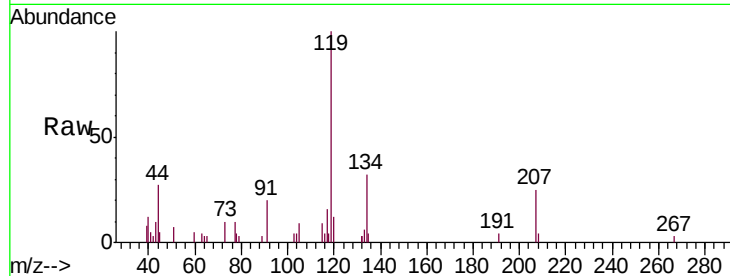
CON-WC-S-2-0-11

Tot Ion:117 Resp: 1092

Ion Ratio Lower Upper

117 100

201 0.0 45.6 136.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

13.89

800

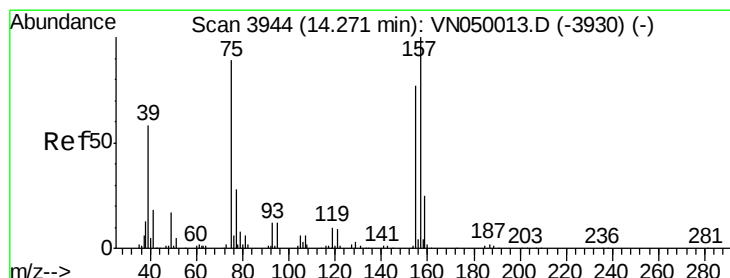
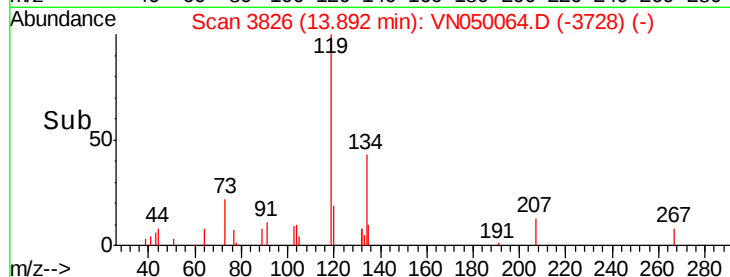
600

400

200

0

Time--> 13.85 13.90



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.27 min Scan# 3944

Delta R.T. 0.00 min

Lab File: VN050064.D

Acq: 26 Jul 2018 00:19

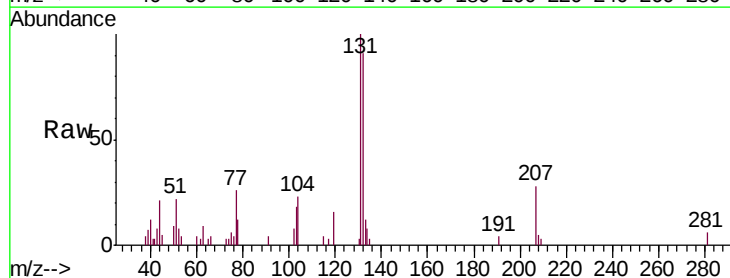
Tgt Ion: 75 Resp: 358

Ion Ratio Lower Upper

75 100

155 0.0 44.8 134.4#

157 0.0 57.2 171.6#



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

500

400

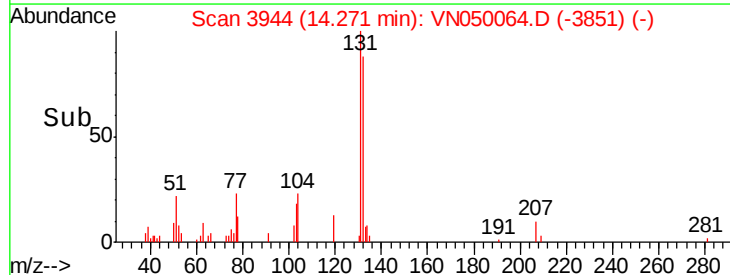
300

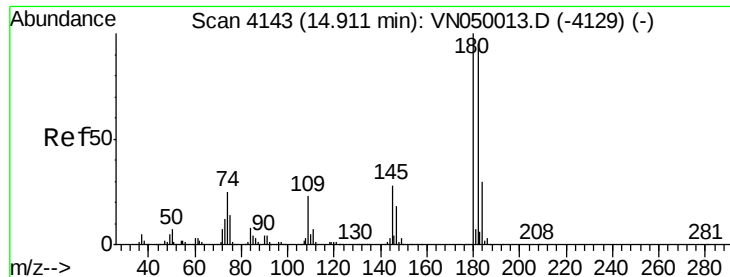
200

100

0

Time--> 14.26 14.27 14.28

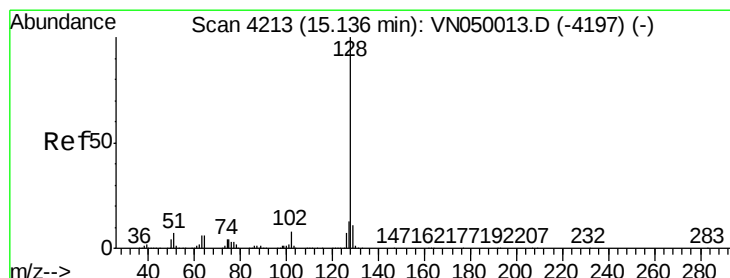
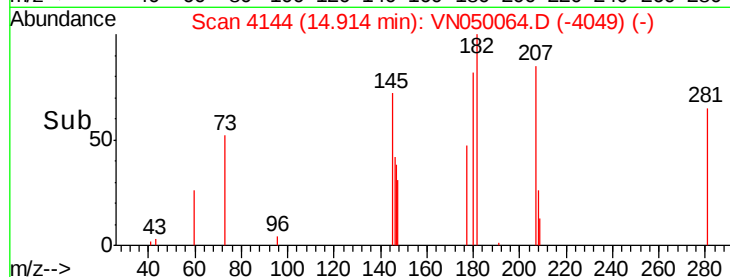
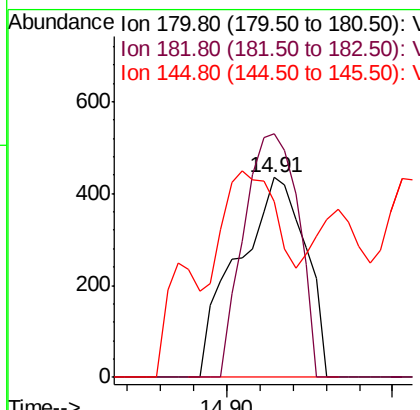
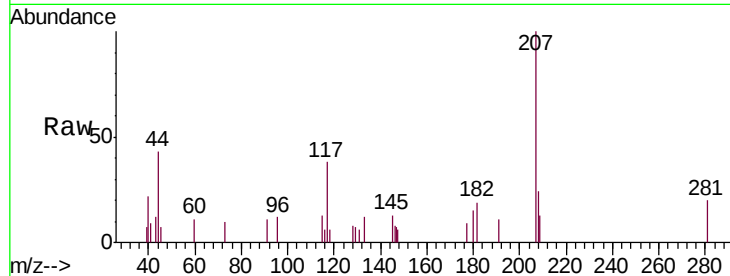




#93
 1,2,4-Trichlorobenzene
 Concen: 3.17 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN050064.D
 Acq: 26 Jul 2018 00:19

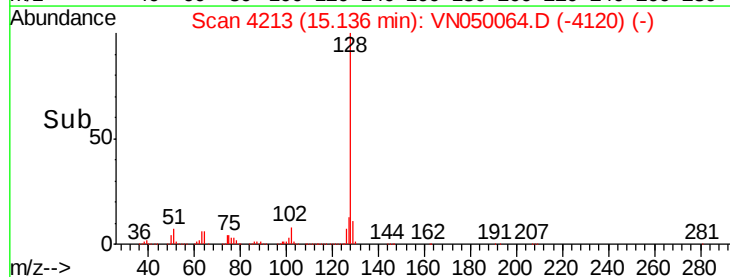
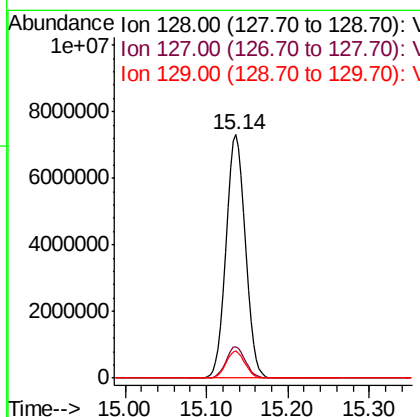
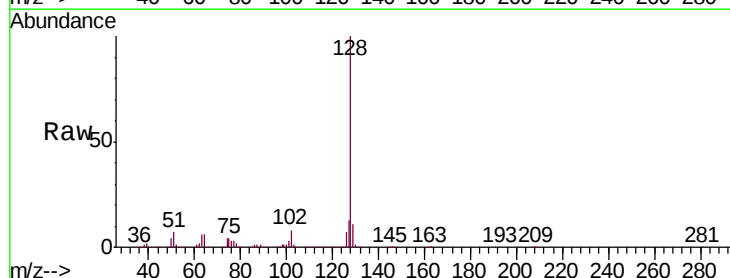
Instrument :
 MSVOA_N
 ClientSampleId :
 CON-WC-S-2-0-11

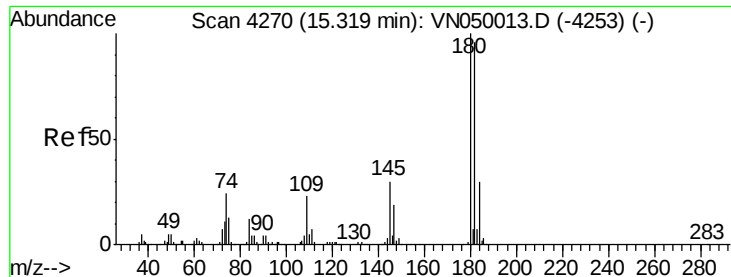
Tot Ion:180 Resp: 620
 Ion Ratio Lower Upper
 180 100
 182 96.8 46.7 140.1
 145 49.2 13.8 41.4#



#95
 Naphthalene
 Concen: 669.50 ug/l
 RT: 15.14 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN050064.D
 Acq: 26 Jul 2018 00:19

Tgt Ion:128 Resp:12299088
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.4 15.6
 129 11.0 8.8 13.2

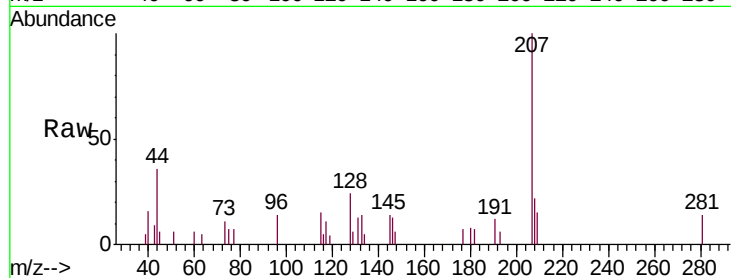




#96
 1,2,3-Trichlorobenzene
 Concen: 2.25 ug/l
 RT: 15.32 min Scan# 4269
 Delta R.T. -0.00 min
 Lab File: VN050064.D
 Acq: 26 Jul 2018 00:19

Instrument :
 MSVOA_N
 ClientSampleId :
 CON-WC-S-2-0-11

Tot Ion:180 Resp: 329
 Ion Ratio Lower Upper
 180 100
 182 92.1 48.1 144.4
 145 0.0 15.3 45.9#



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

