

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081518\
 Data File : VN050644.D
 Acq On : 15 Aug 2018 10:42
 Operator : MD\SY
 Sample : J4469-01DL 20X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 956-IW-13(19)DL

Quant Time: Aug 16 01:26:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	640130	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	986945	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	872121	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	313757	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	412125	51.08	ug/l	0.00
Spiked Amount			Recovery	=	102.16%	
35) Dibromofluoromethane	7.59	113	387357	49.16	ug/l	0.00
Spiked Amount			Recovery	=	98.32%	
50) Toluene-d8	10.09	98	1411382	47.59	ug/l	0.00
Spiked Amount			Recovery	=	95.18%	
62) 4-Bromofluorobenzene	12.40	95	387303	39.53	ug/l	0.00
Spiked Amount			Recovery	=	79.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	3641	Below Cal	#	81
5) Bromomethane	2.57	94	4744	Below Cal		96
6) Chloroethane	2.70	64	206	Below Cal	#	43
10) Methyl Iodide	3.96	142	2564	7.36	ug/l	# 53
16) Acetone	3.83	43	2436	Below Cal		99
17) Carbon Disulfide	4.05	76	6684	0.31	ug/l	98
18) Methyl Acetate	4.33	43	1647	Below Cal	#	57
20) Methylene Chloride	4.55	84	2191	Below Cal	#	84
27) cis-1,2-Dichloroethene	6.83	96	48736	5.81	ug/l	89
29) Tetrahydrofuran	7.22	42	541	0.31	ug/l	# 66
31) Cyclohexane	7.67	56	11965	0.64	ug/l	# 1
36) 1,1-Dichloropropene	7.67	75	43858	3.99	ug/l	# 49
38) Carbon Tetrachloride	7.67	117	56528	4.96	ug/l	# 17
43) Isopropyl Acetate	8.28	43	10357	0.92	ug/l	# 60
44) Trichloroethene	8.84	130	79938	8.93	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	1709	0.22	ug/l	# 35
55) 1,1,2-Trichloroethane	10.63	97	2520	0.34	ug/l	# 1
56) Ethyl methacrylate	10.43	69	253	1.93	ug/l	# 74
59) 2-Hexanone	10.76	43	2056	0.42	ug/l	80
60) Dibromochloromethane	10.63	129	325255	39.53	ug/l	# 10
64) Tetrachloroethene	10.63	164	364519	45.01	ug/l	97
70) Styrene	11.96	104	1002	0.98	ug/l	# 84
71) Bromoform	12.40	173	2802	0.52	ug/l	# 1
75) 1,1,2,2-Tetrachloroethane	12.51	83	405	Below Cal	#	77
76) 1,2,3-Trichloropropane	12.40	75	183635	35.94	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.40	75	183635	130.12	ug/l	# 13
87) 1,3-Dichlorobenzene	13.28	146	2369	0.21	ug/l	97
88) 1,4-Dichlorobenzene	13.28	146	2369	0.21	ug/l	97
91) 1,2-Dichlorobenzene	13.66	146	2285	0.21	ug/l	99
93) 1,2,4-Trichlorobenzene	14.91	180	2848	3.15	ug/l	94
94) Hexachlorobutadiene	15.01	225	1902	0.56	ug/l	88
95) Naphthalene	15.13	128	6739	4.38	ug/l	96
96) 1,2,3-Trichlorobenzene	15.32	180	3341	2.54	ug/l	93

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Quant Title : SW846 8260
QLast Update : Tue Aug 14 08:07:08 2018
Response via : Initial Calibration

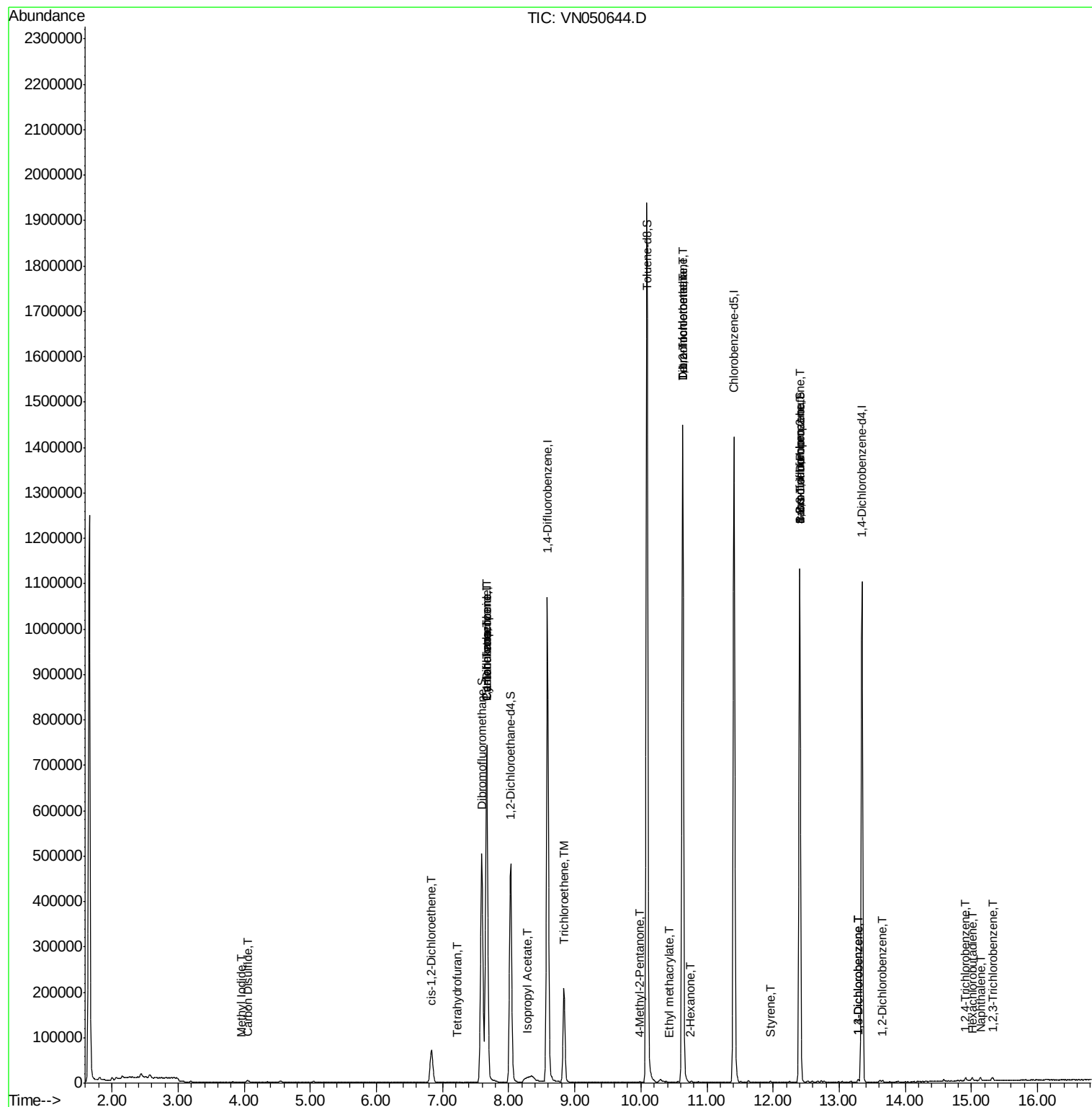
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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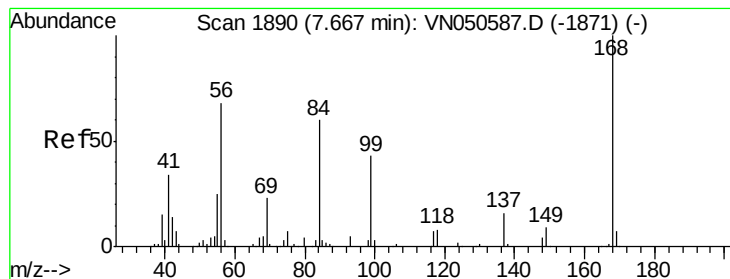
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050644.D

Acq: 15 Aug 2018 10:42

Instrument :

MSVOA_N

ClientSampleId :

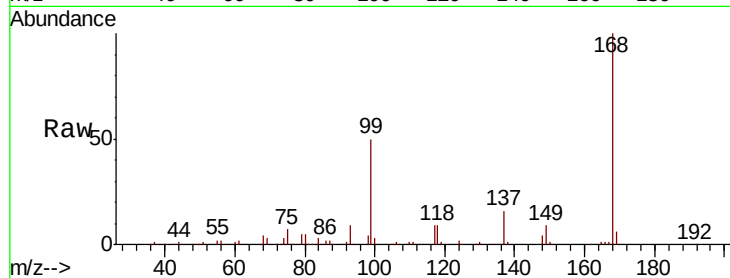
956-IW-13(19)DL

Tot Ion:168 Resp: 640130

Ion Ratio Lower Upper

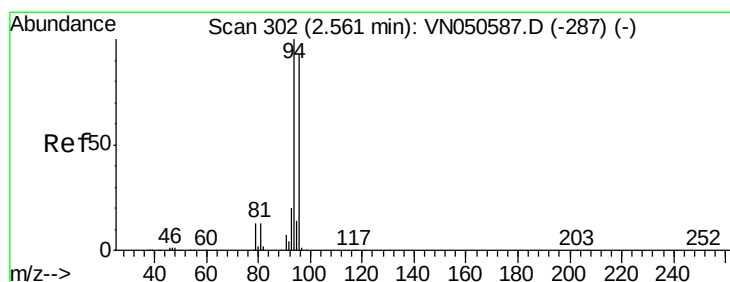
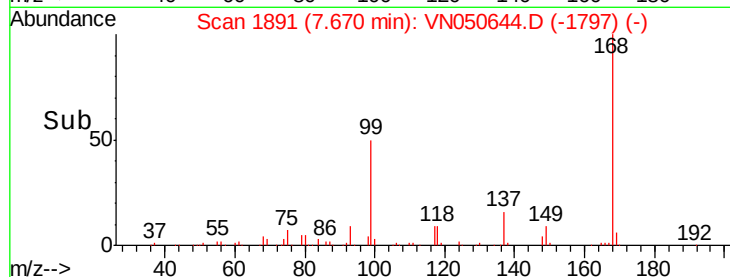
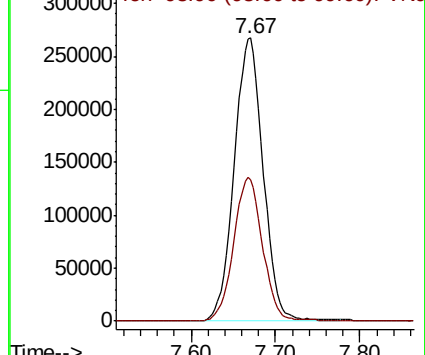
168 100

99 50.0 40.8 61.2



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# 305

Delta R.T. 0.01 min

Lab File: VN050644.D

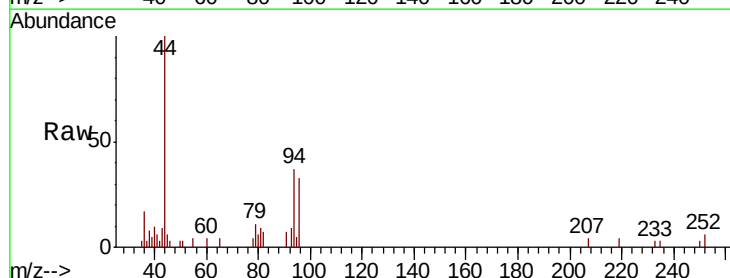
Acq: 15 Aug 2018 10:42

Tgt Ion: 94 Resp: 4744

Ion Ratio Lower Upper

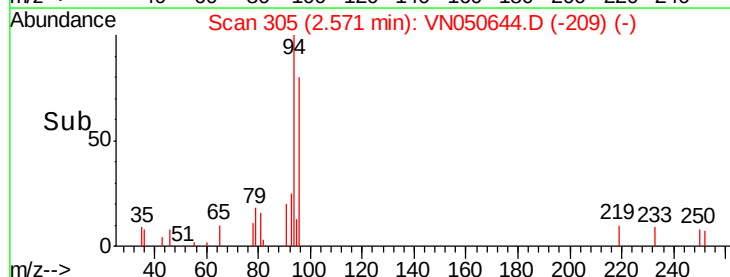
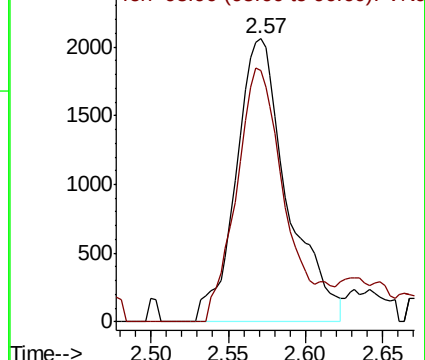
94 100

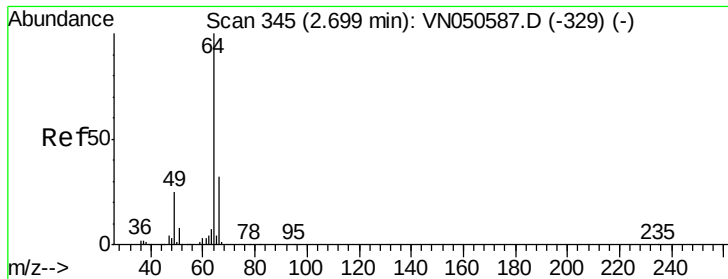
96 88.6 74.0 111.0



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO





#6

Chloroethane

Concen: Below Cal

RT: 2.70 min Scan# 344

Delta R.T. -0.00 min

Lab File: VN050644.D

Acq: 15 Aug 2018 10:42

Instrument :

MSVOA_N

ClientSampleId :

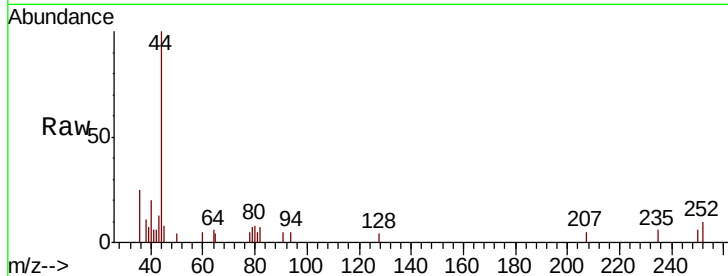
956-IW-13(19)DL

Tot Ion: 64 Resp: 206

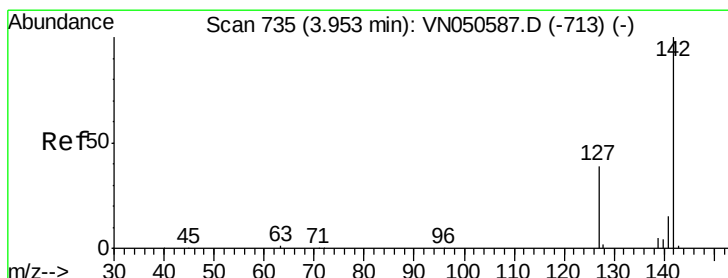
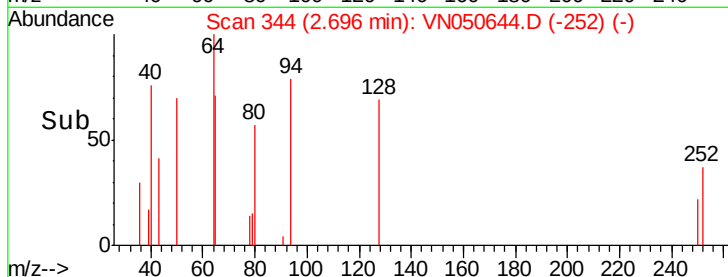
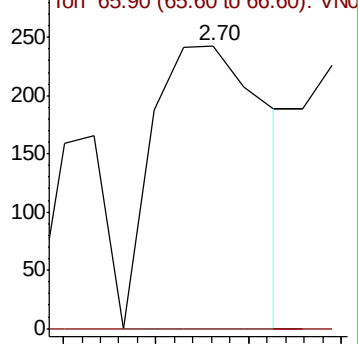
Ion Ratio Lower Upper

64 100

66 0.0 25.7 38.5#



Abundance Ion 63.90 (63.60 to 64.60): VN050587.D (-329) (-)



#10

Methyl Iodide

Concen: 7.36 ug/l

RT: 3.96 min Scan# 736

Delta R.T. 0.00 min

Lab File: VN050644.D

Acq: 15 Aug 2018 10:42

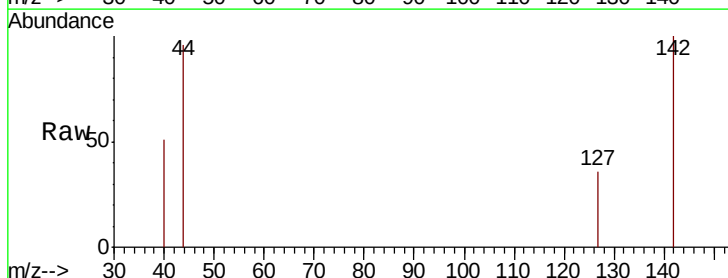
Tgt Ion: 142 Resp: 2564

Ion Ratio Lower Upper

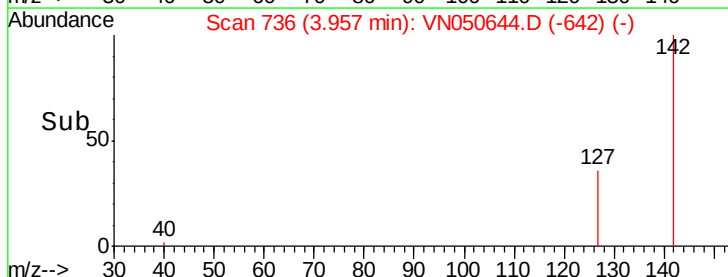
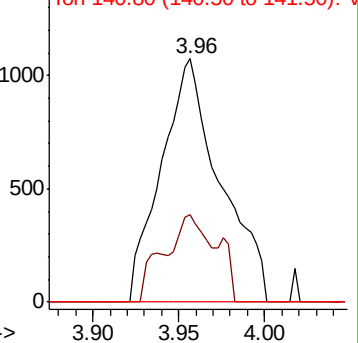
142 100

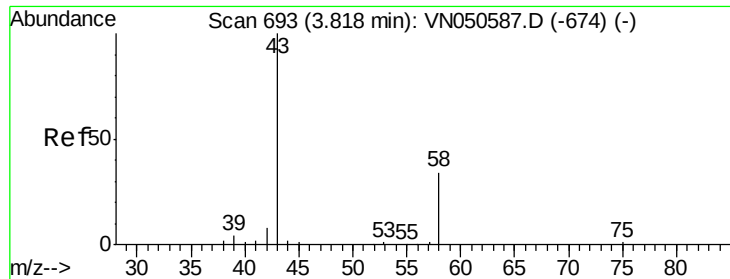
127 9.0 32.6 49.0#

141 0.0 11.5 17.3#



Abundance Ion 141.80 (141.50 to 142.50): VN050587.D (-713) (-)





#16

Acetone

Concen: Below Cal

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN050644.D

Acq: 15 Aug 2018 10:42

Instrument :

MSVOA_N

ClientSampleId :

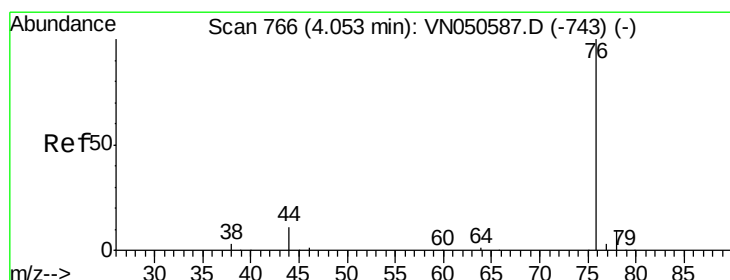
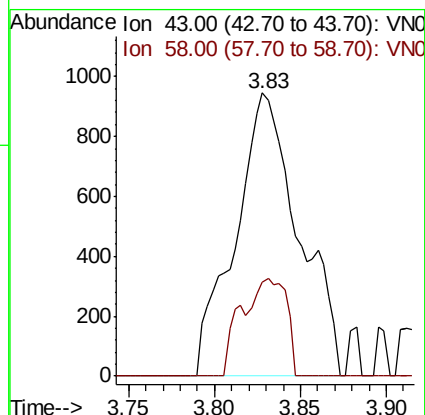
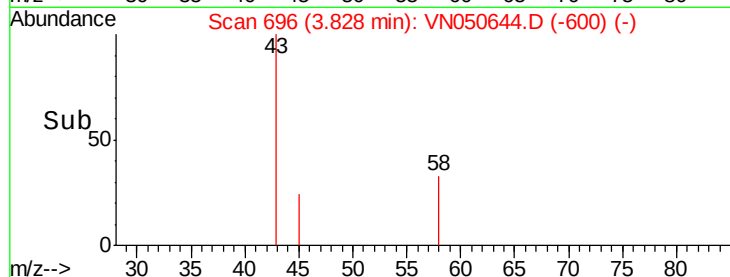
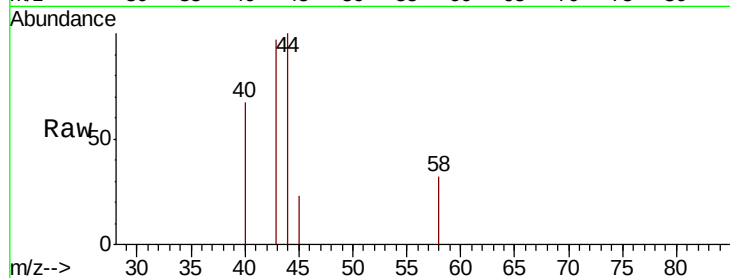
956-IW-13(19)DL

Tot Ion: 43 Resp: 2436

Ion Ratio Lower Upper

43 100

58 33.4 27.1 40.7



#17

Carbon Disulfide

Concen: 0.31 ug/l

RT: 4.05 min Scan# 764

Delta R.T. -0.01 min

Lab File: VN050644.D

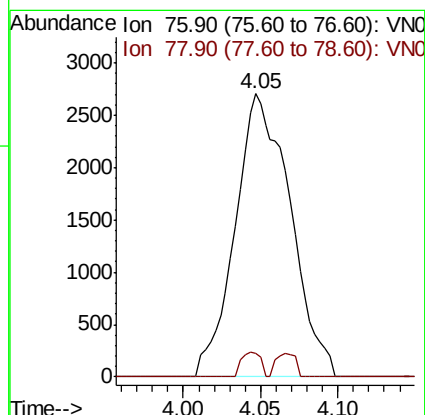
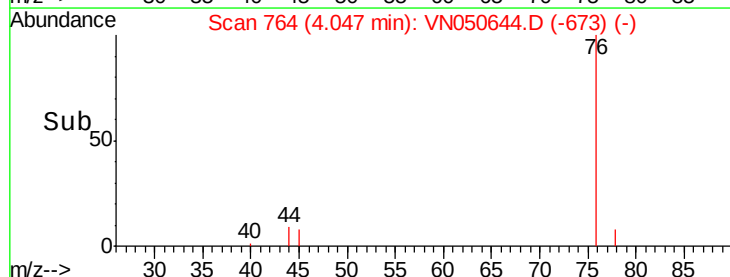
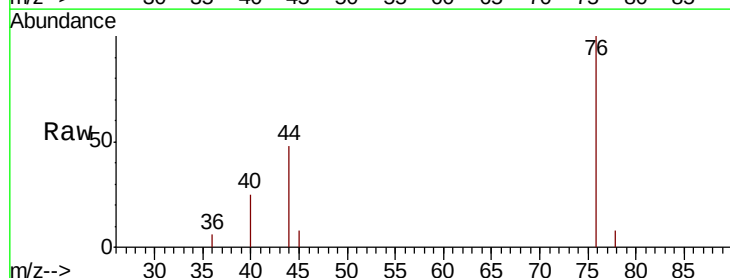
Acq: 15 Aug 2018 10:42

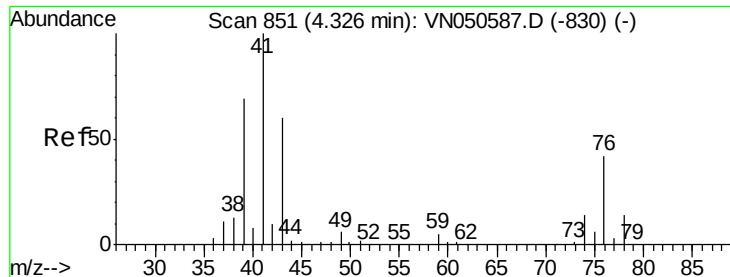
Tgt Ion: 76 Resp: 6684

Ion Ratio Lower Upper

76 100

78 8.4 7.3 10.9

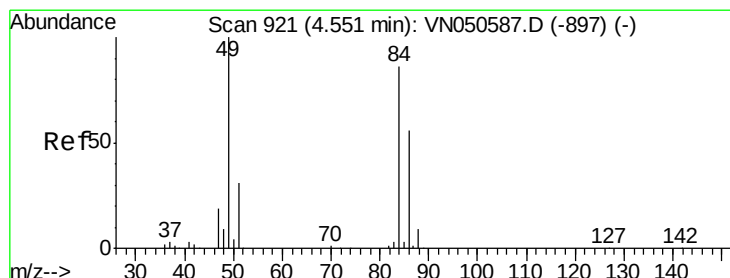
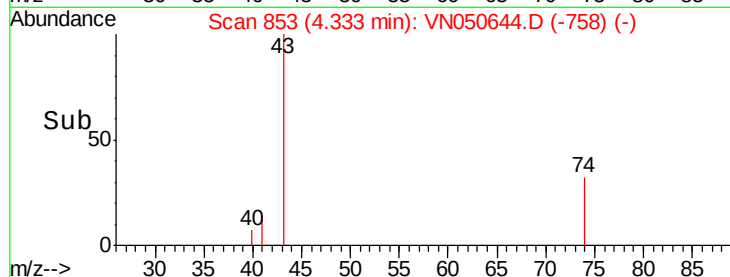
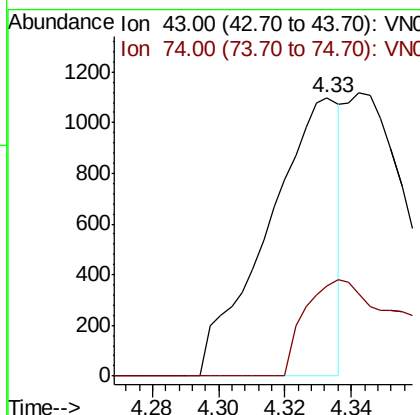
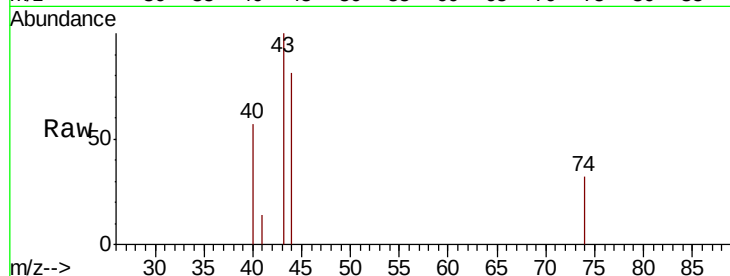




#18
Methyl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN050644.D
Acq: 15 Aug 2018 10:42

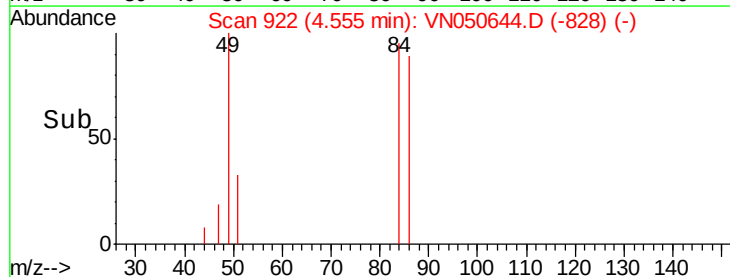
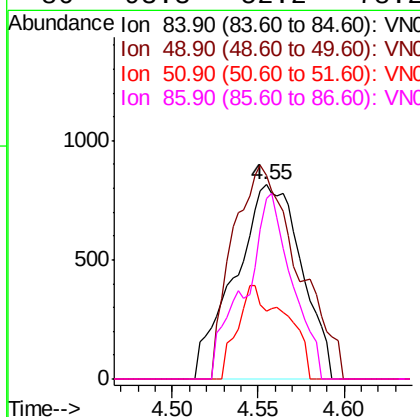
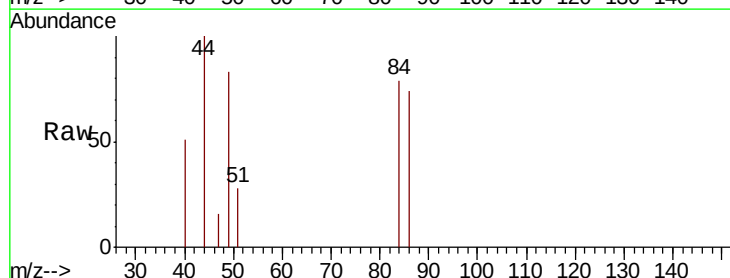
Instrument :
MSVOA_N
ClientSampled :
956-IW-13(19)DL

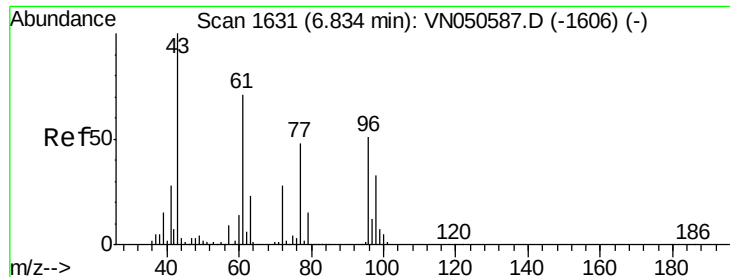
Tot Ion: 43 Resp: 1647
Ion Ratio Lower Upper
43 100
74 46.0 19.7 29.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050644.D
Acq: 15 Aug 2018 10:42

Tgt Ion: 84 Resp: 2191
Ion Ratio Lower Upper
84 100
49 105.0 92.6 138.8
51 34.7 28.6 43.0
86 93.3 52.2 78.2#





#27

cis-1,2-Dichloroethene

Concen: 5.81 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VN050644.D

Acq: 15 Aug 2018 10:42

Instrument :

MSVOA_N

ClientSampleId :

956-IW-13(19)DL

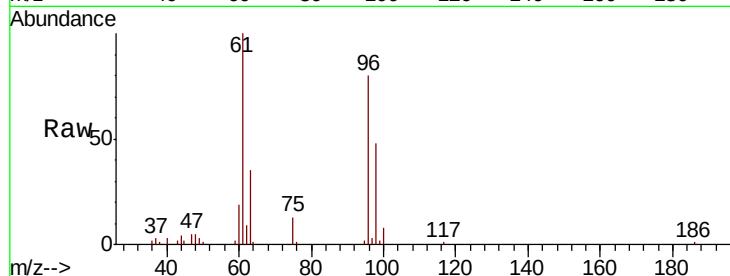
Tot Ion: 96 Resp: 48736

Ion Ratio Lower Upper

96 100

61 122.5 0.0 278.2

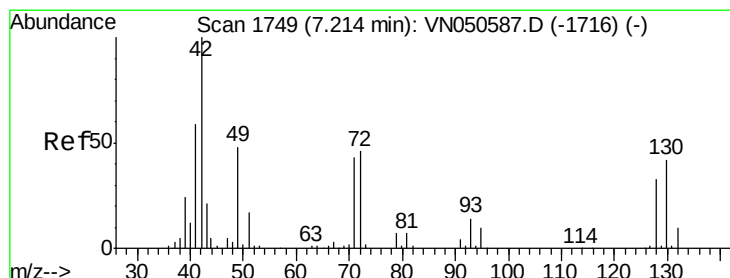
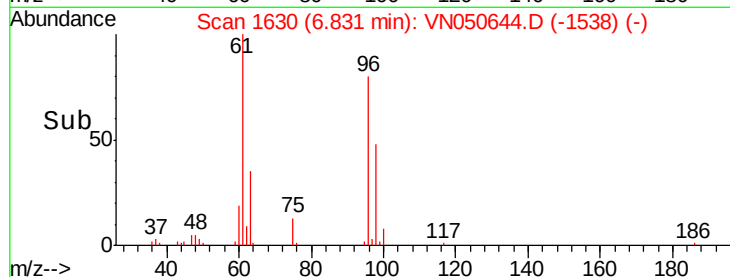
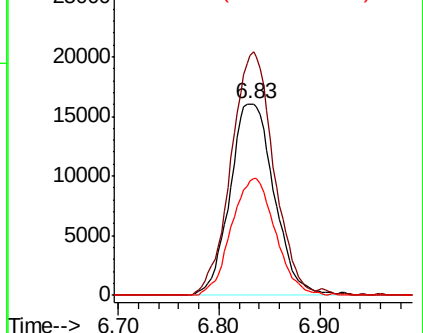
98 60.6 0.0 128.8



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: 0.31 ug/l

RT: 7.22 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VN050644.D

Acq: 15 Aug 2018 10:42

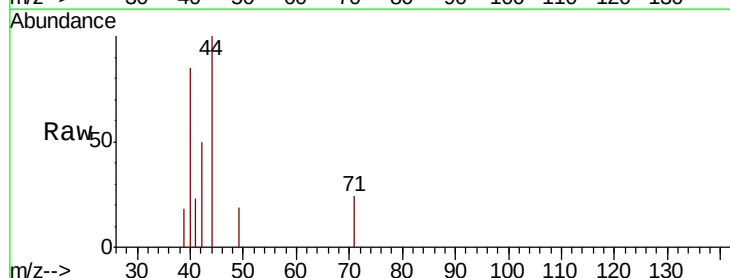
Tgt Ion: 42 Resp: 541

Ion Ratio Lower Upper

42 100

72 11.1 35.8 53.6#

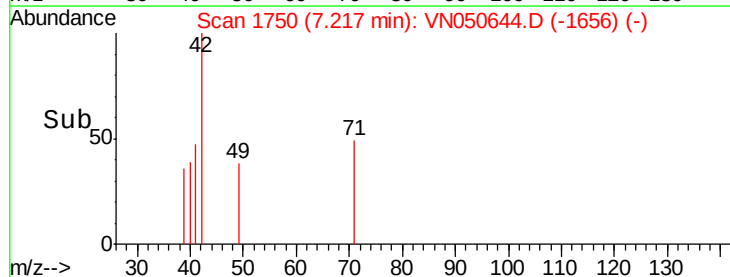
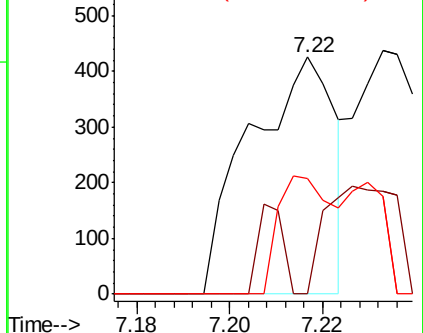
71 32.2 33.4 50.0#

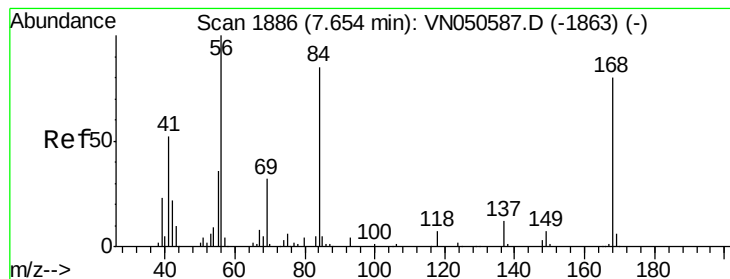


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0





#31

Cyclohexane

Concen: 0.64 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VN050644.D

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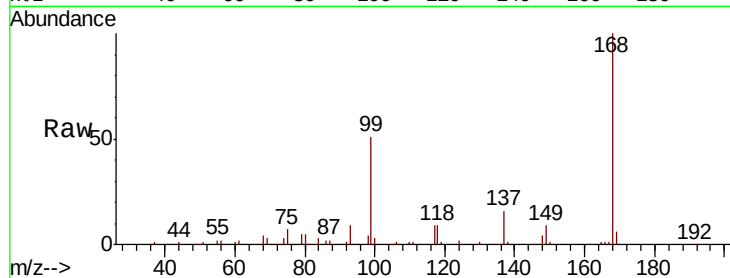
Tot Ion: 56 Resp: 11965

Ion Ratio Lower Upper

56 100

69 178.0 25.8 38.6#

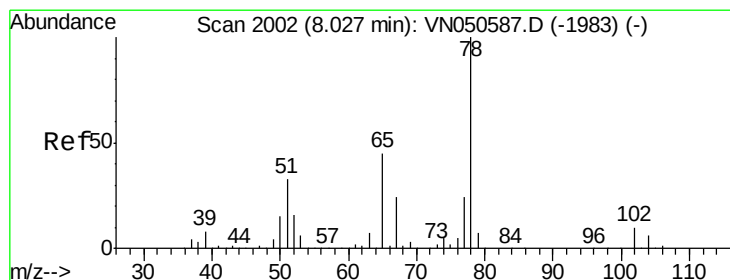
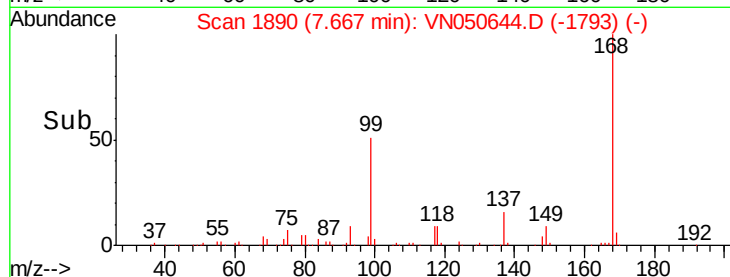
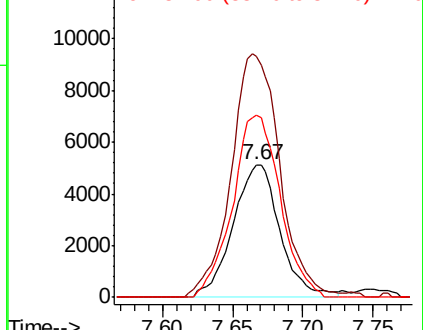
84 137.5 67.8 101.6#



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: 51.08 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. 0.00 min

Lab File: VN050644.D

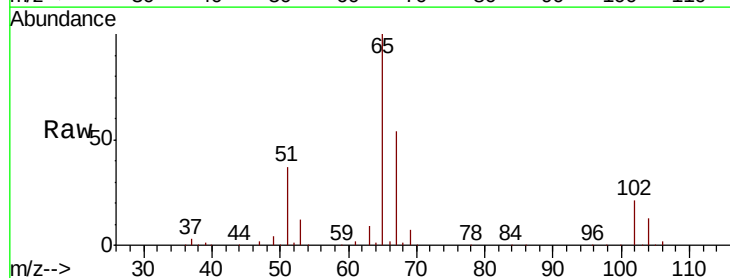
Acq: 15 Aug 2018 10:42

Tgt Ion: 65 Resp: 412125

Ion Ratio Lower Upper

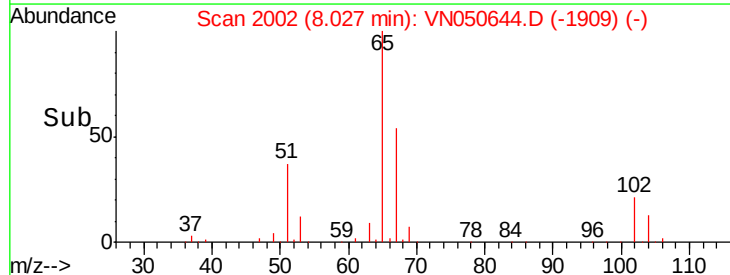
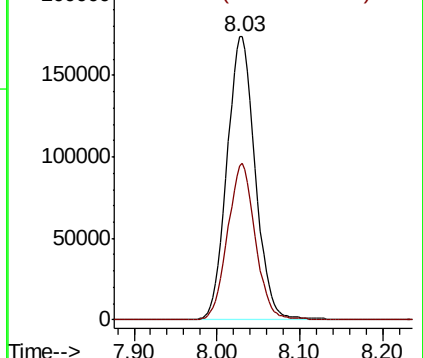
65 100

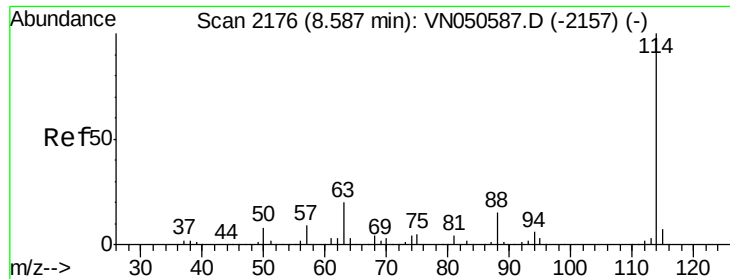
67 54.3 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

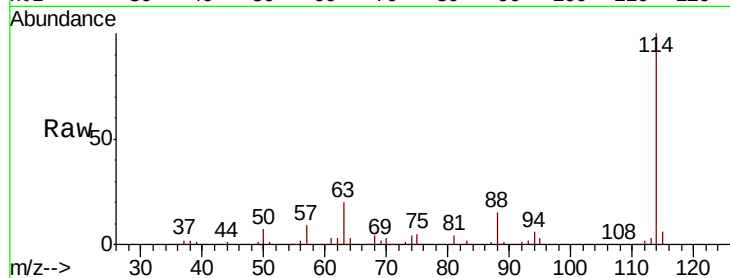




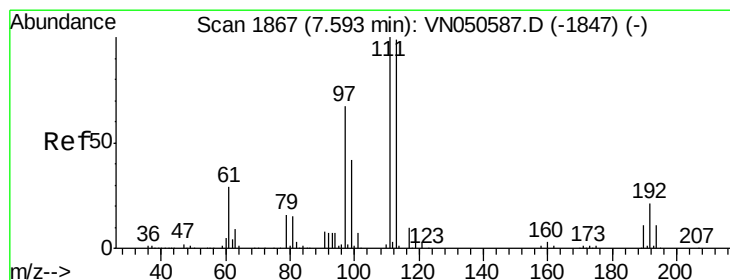
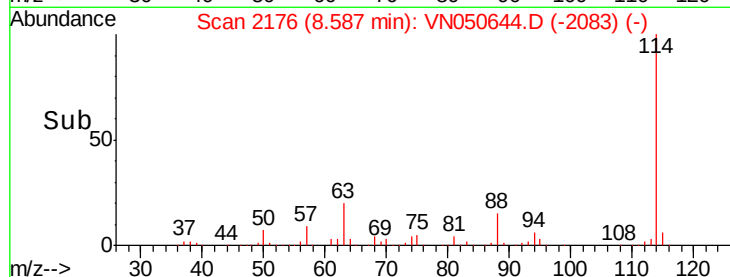
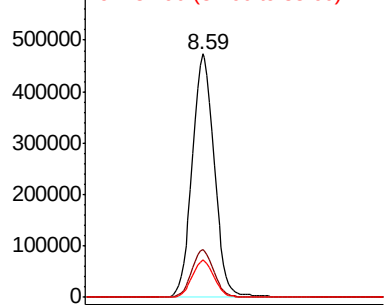
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2176
Delta R.T. 0.00 min
Lab File: VN050644.D
Acq: 15 Aug 2018 10:42

Instrument :
MSVOA_N
ClientSampleId :
956-IW-13(19)DL

Tot Ion:114 Resp: 986945
Ion Ratio Lower Upper
114 100
63 19.8 0.0 40.0
88 15.3 0.0 30.8

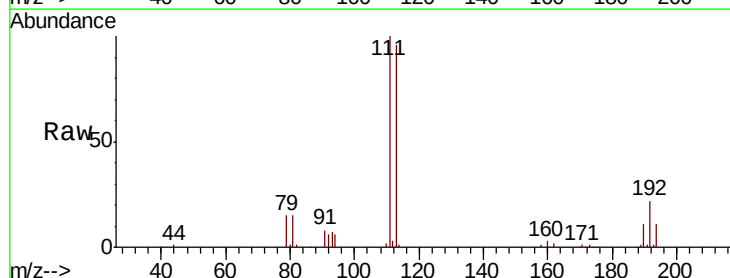


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

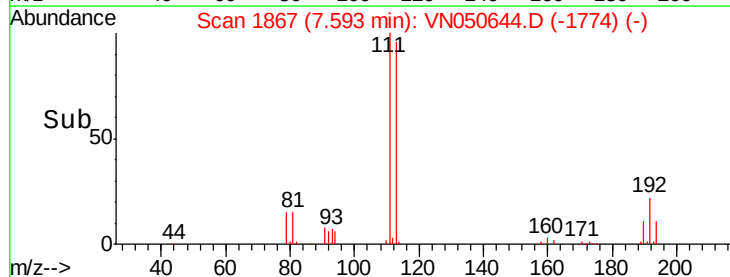
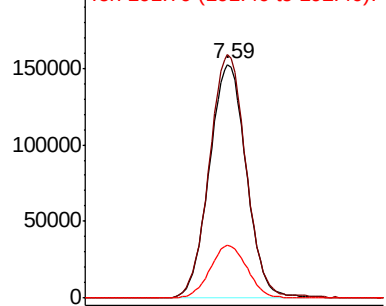


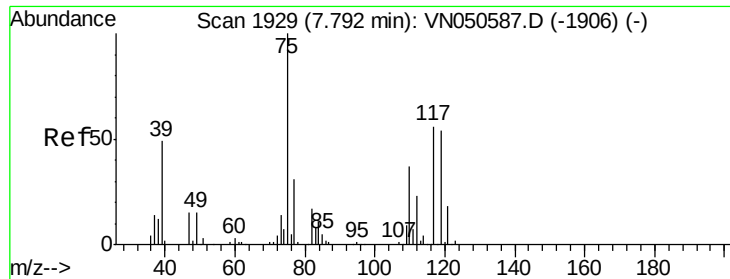
#35
Dibromofluoromethane
Concen: 49.16 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN050644.D
Acq: 15 Aug 2018 10:42

Tgt Ion:113 Resp: 387357
Ion Ratio Lower Upper
113 100
111 103.0 81.0 121.6
192 22.6 17.6 26.4



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

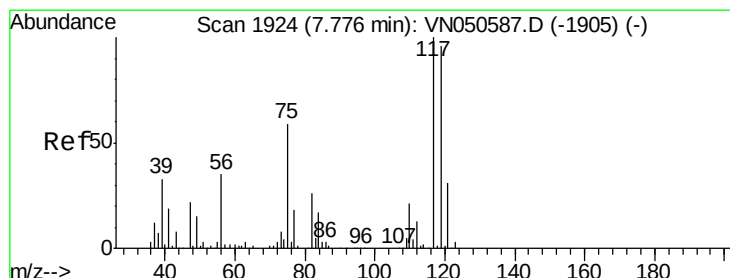
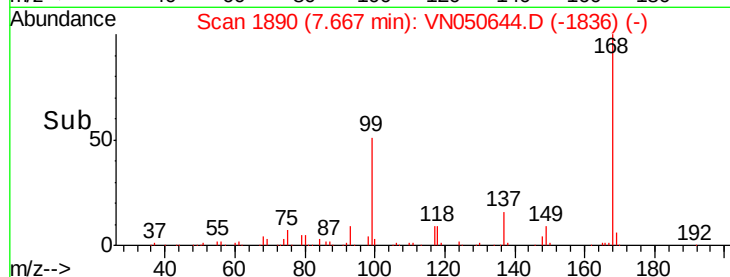
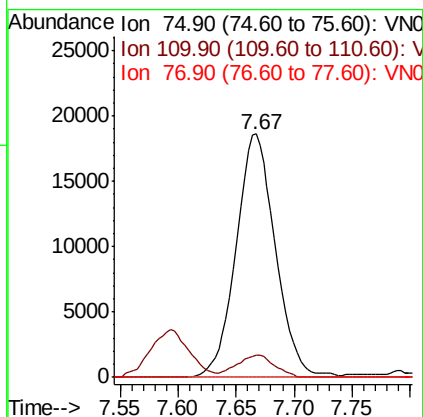
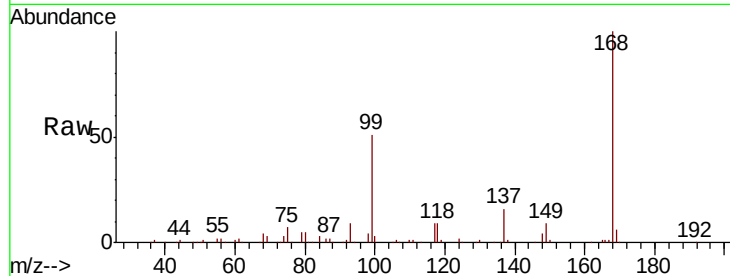




#36
 1,1-Dichloropropene
 Concen: 3.99 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN050644.D
 Acq: 15 Aug 2018 10:42

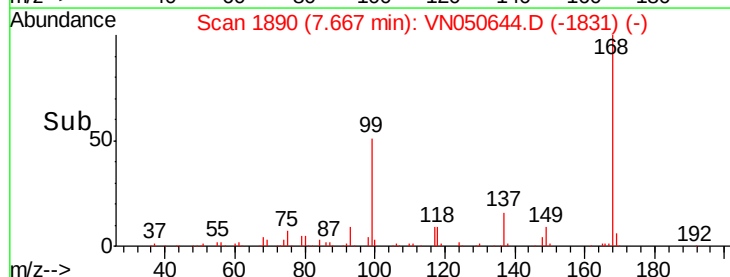
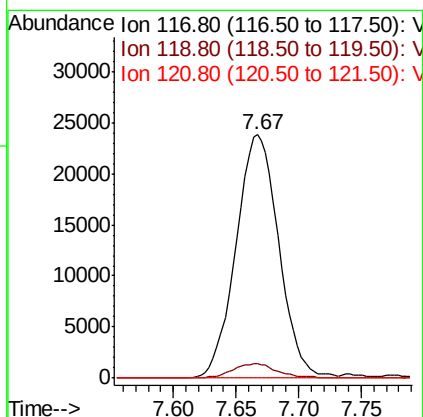
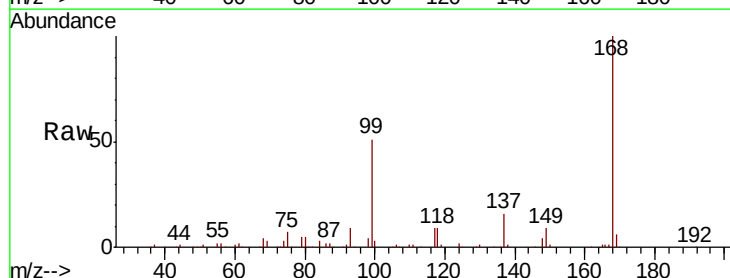
Instrument :
 MSVOA_N
 ClientSampleId :
 956-IW-13(19)DL

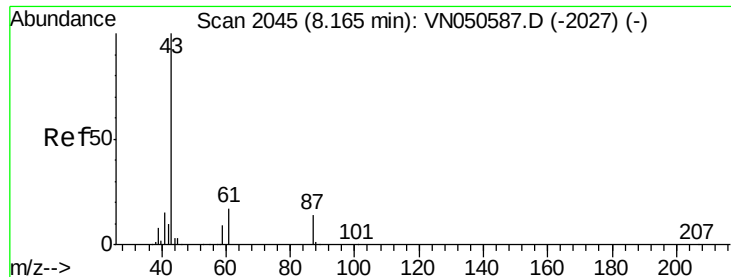
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.3	54.9#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 4.96 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.11 min
 Lab File: VN050644.D
 Acq: 15 Aug 2018 10:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.8	76.6	115.0#
121	0.0	25.0	37.6#





#43

Isopropyl Acetate

Concen: 0.92 ug/l

RT: 8.28 min Scan# 2080

Delta R.T. 0.11 min

Lab File: VN050644.D

Acq: 15 Aug 2018 10:42

Instrument :

MSVOA_N

ClientSampleId :

956-IW-13(19)DL

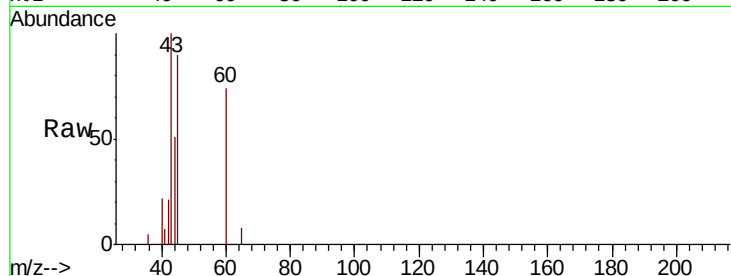
Tot Ion: 43 Resp: 10357

Ion Ratio Lower Upper

43 100

61 0.0 16.2 24.2#

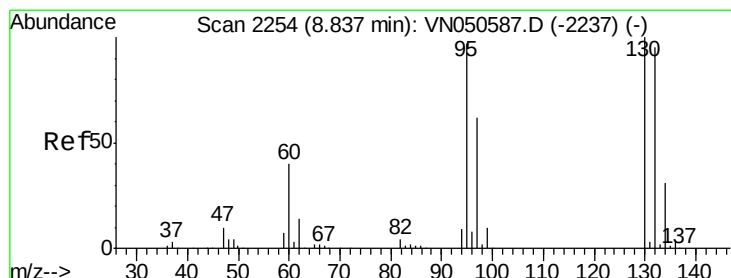
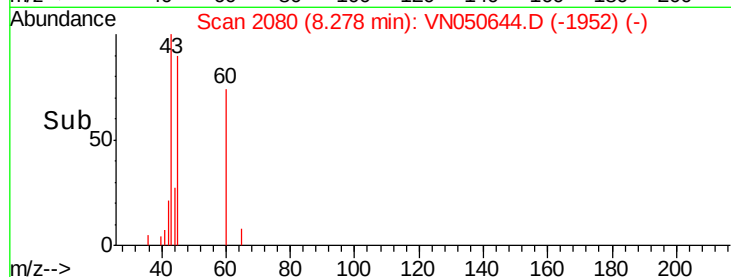
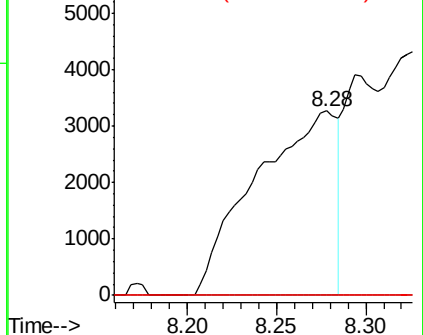
87 0.0 10.9 16.3#



Abundance Ion 43.00 (42.70 to 43.70): VN050587.D (-2027) (-)

Ion 61.00 (60.70 to 61.70): VN050587.D (-2027) (-)

Ion 87.00 (86.70 to 87.70): VN050587.D (-2027) (-)



#44

Trichloroethene

Concen: 8.93 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN050644.D

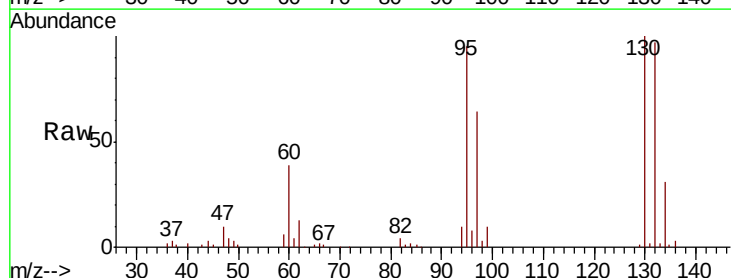
Acq: 15 Aug 2018 10:42

Tgt Ion:130 Resp: 79938

Ion Ratio Lower Upper

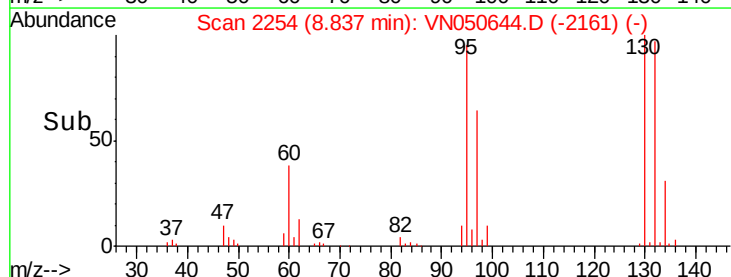
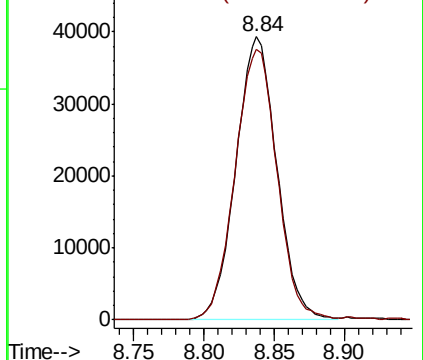
130 100

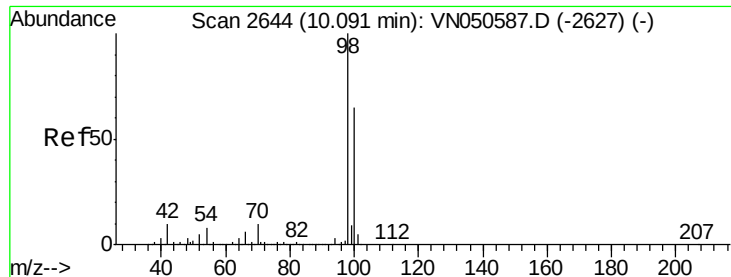
95 95.4 0.0 193.8



Abundance Ion 129.80 (129.50 to 130.50): VN050587.D (-2237) (-)

Ion 94.90 (94.60 to 95.60): VN050587.D (-2237) (-)

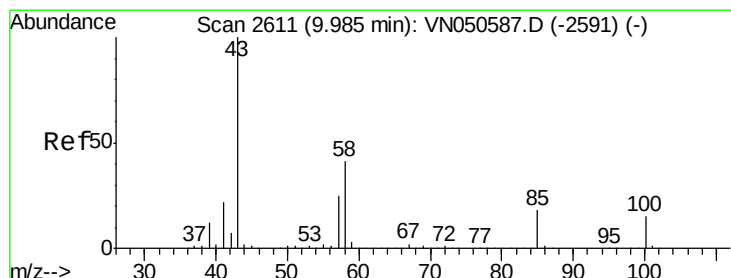
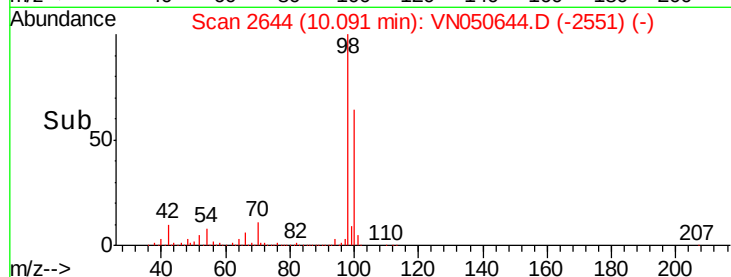
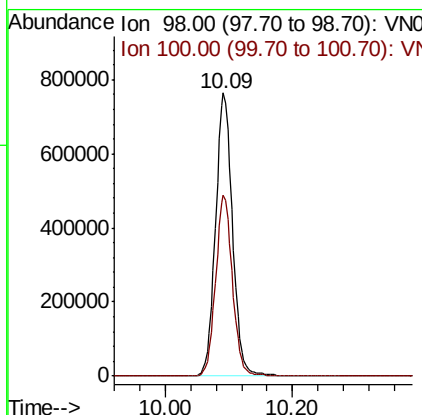
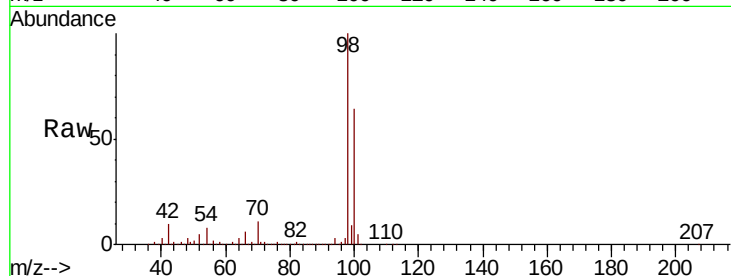




#50
Toluene-d8
Concen: 47.59 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN050644.D
Acq: 15 Aug 2018 10:42

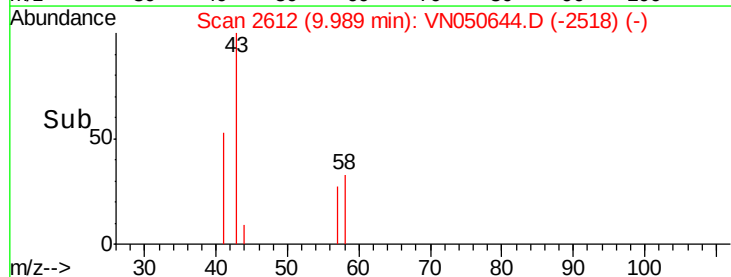
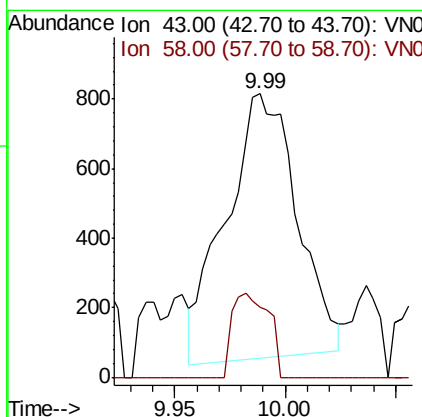
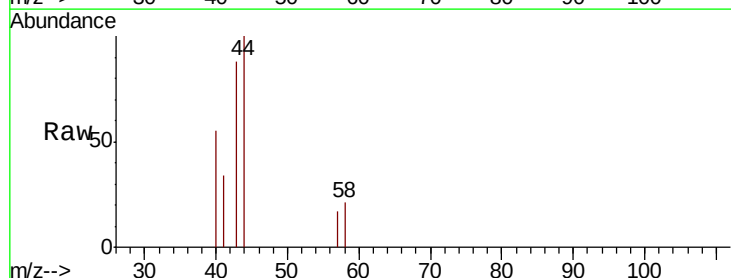
Instrument :
MSVOA_N
ClientSampleId :
956-IW-13(19)DL

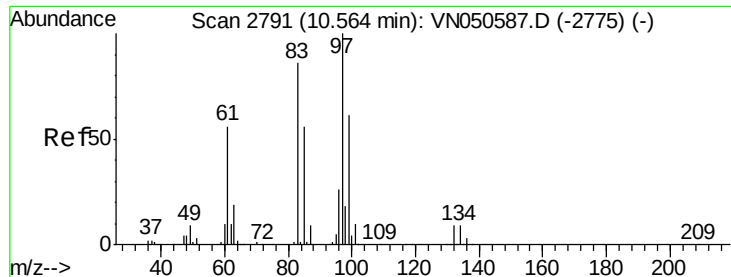
Tot Ion: 98 Resp: 1411382
Ion Ratio Lower Upper
98 100
100 63.3 51.8 77.8



#51
4-Methyl-2-Pentanone
Concen: 0.22 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN050644.D
Acq: 15 Aug 2018 10:42

Tgt Ion: 43 Resp: 1709
Ion Ratio Lower Upper
43 100
58 0.0 32.5 48.7#

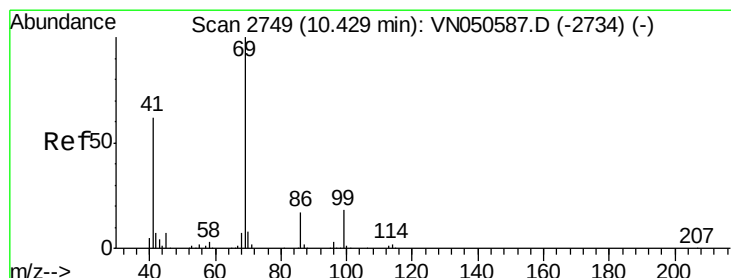
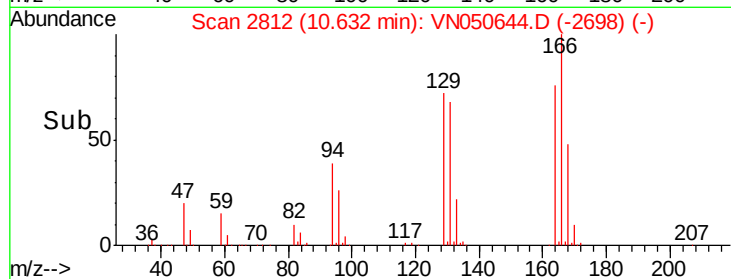
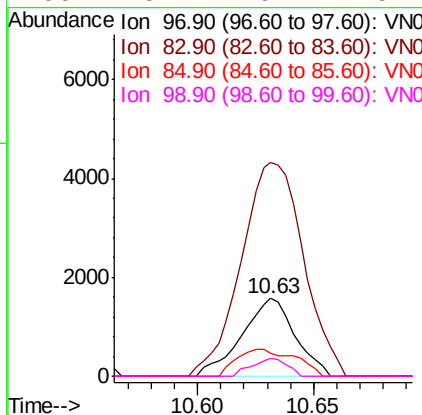
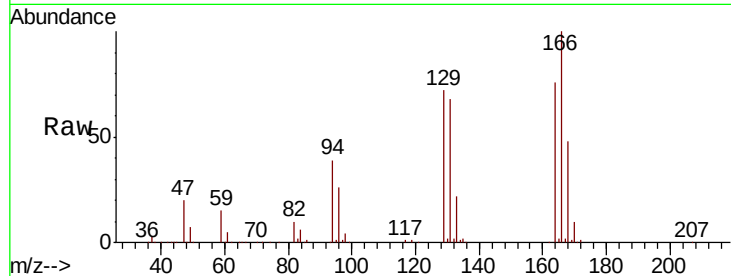




#55
 1,1,2-Trichloroethane
 Concen: 0.34 ug/l
 RT: 10.63 min Scan# 2812
 Delta R.T. 0.07 min
 Lab File: VN050644.D
 Acq: 15 Aug 2018 10:42

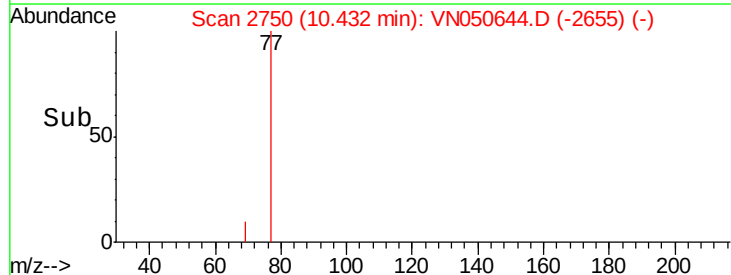
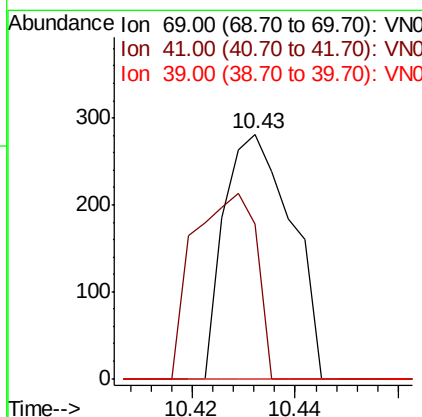
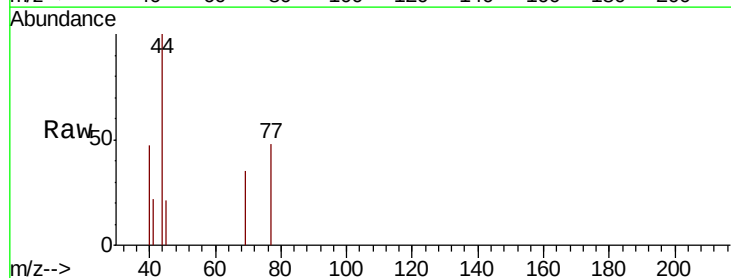
Instrument :
 MSVOA_N
 ClientSampleId :
 956-IW-13(19)DL

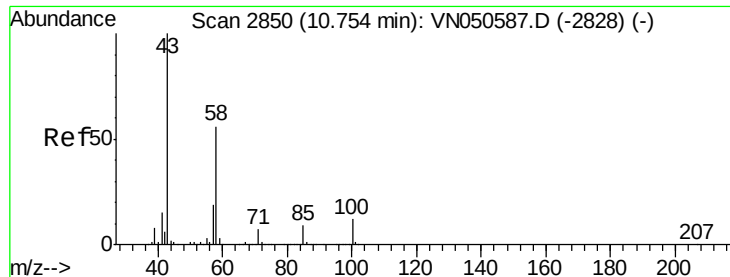
Tot Ion: 97 Resp: 2520
 Ion Ratio Lower Upper
 97 100
 83 273.9 68.5 102.7#
 85 29.4 44.6 66.8#
 99 23.2 49.1 73.7#



#56
 Ethyl methacrylate
 Concen: 1.93 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN050644.D
 Acq: 15 Aug 2018 10:42

Tgt Ion: 69 Resp: 253
 Ion Ratio Lower Upper
 69 100
 41 71.1 49.7 74.5
 39 0.0 24.2 36.2#





#59

2-Hexanone

Concen: 0.42 ug/l

RT: 10.76 min Scan# 2852

Delta R.T. 0.01 min

Lab File: VN050644.D

Acq: 15 Aug 2018 10:42

Instrument :

MSVOA_N

ClientSampleId :

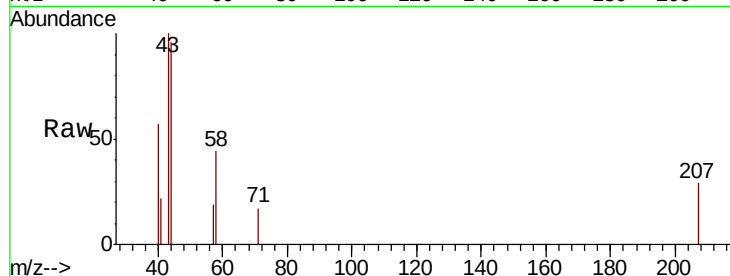
956-IW-13(19)DL

Tot Ion: 43 Resp: 2056

Ion Ratio Lower Upper

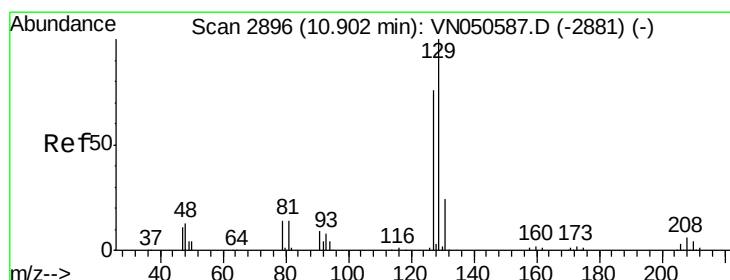
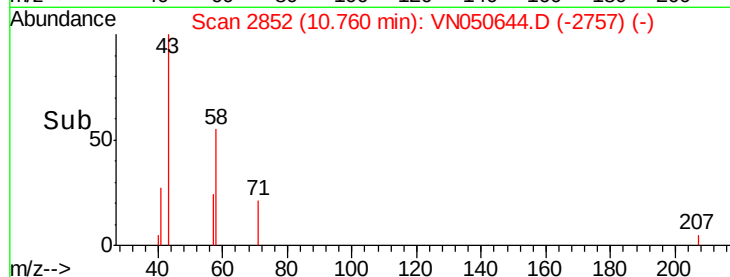
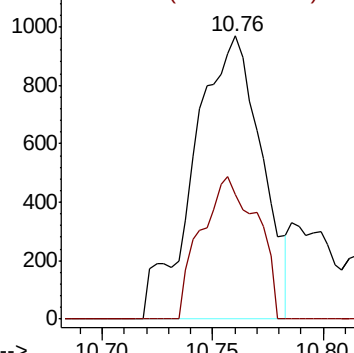
43 100

58 41.7 28.0 84.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#60

Dibromochloromethane

Concen: 39.53 ug/l

RT: 10.63 min Scan# 2812

Delta R.T. -0.27 min

Lab File: VN050644.D

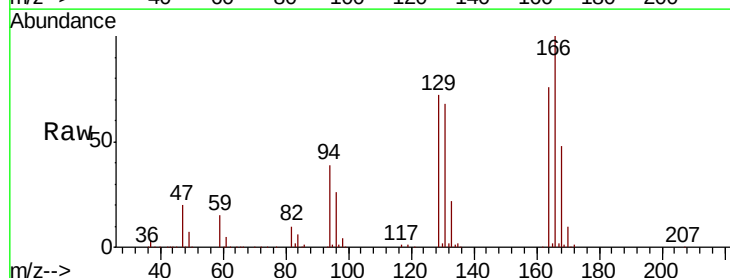
Acq: 15 Aug 2018 10:42

Tgt Ion: 129 Resp: 325255

Ion Ratio Lower Upper

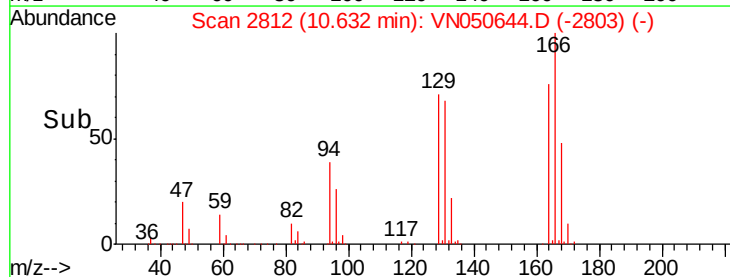
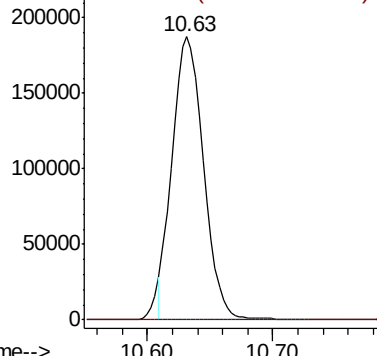
129 100

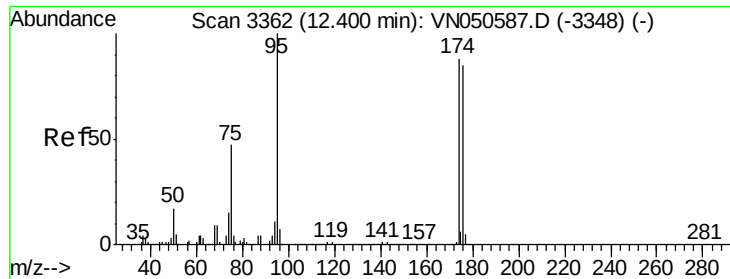
127 0.0 38.9 116.7#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V





#62

4-Bromofluorobenzene

Concen: 39.53 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050644.D

Acq: 15 Aug 2018 10:42

Instrument :

MSVOA_N

ClientSampleId :

956-IW-13(19)DL

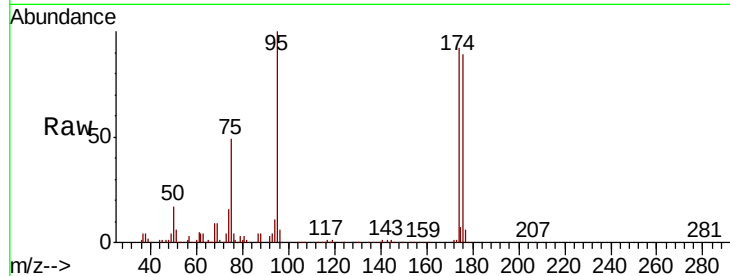
Tot Ion: 95 Resp: 387303

Ion Ratio Lower Upper

95 100

174 91.7 0.0 177.8

176 88.3 0.0 175.0

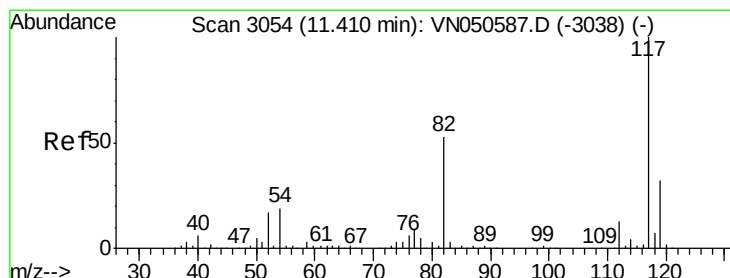
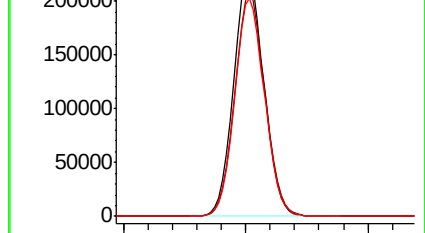
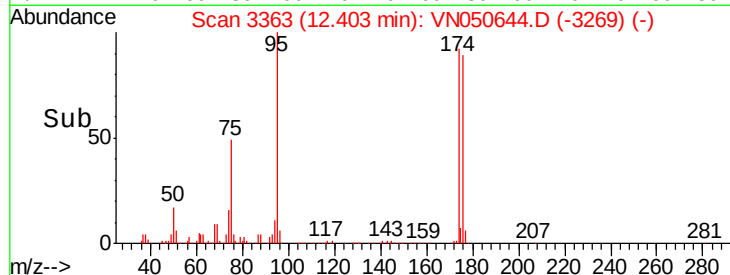


Abundance Ion 94.90 (94.60 to 95.60): VN050587.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN050587.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN050587.D (-3348) (-)

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: VN050644.D

Acq: 15 Aug 2018 10:42

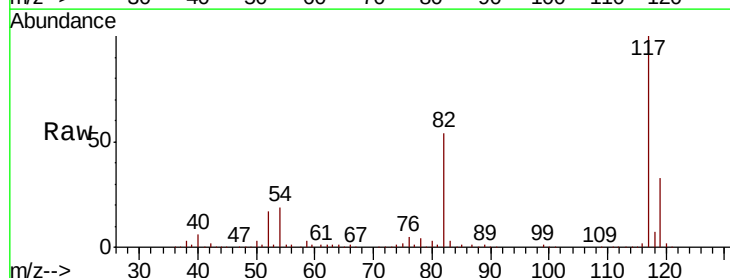
Tgt Ion: 117 Resp: 872121

Ion Ratio Lower Upper

117 100

82 54.1 42.4 63.6

119 33.0 25.8 38.8

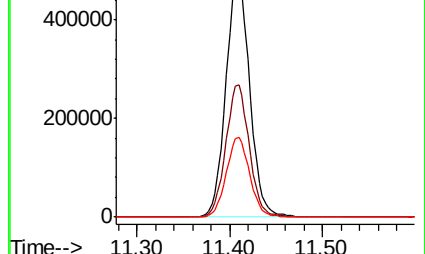
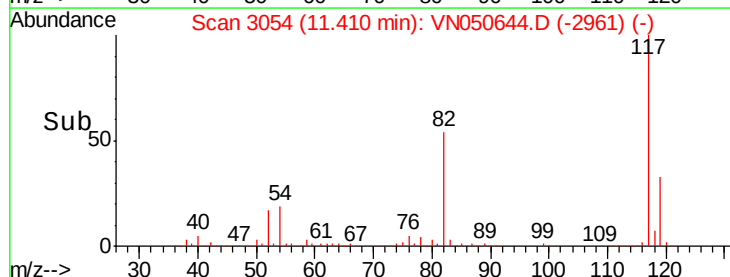


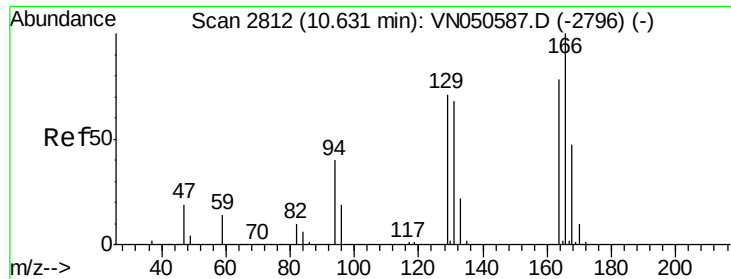
Abundance Ion 116.90 (116.60 to 117.60): VN050587.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN050587.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN050587.D (-3038) (-)

Time--> 11.30 11.40 11.50

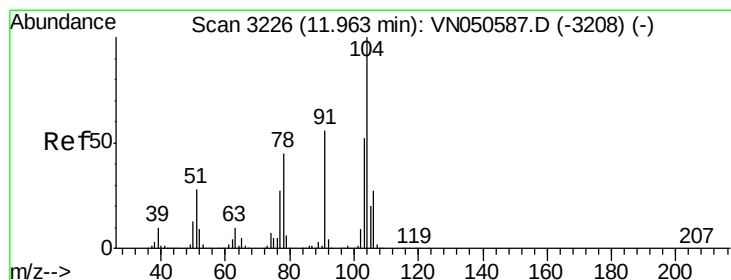
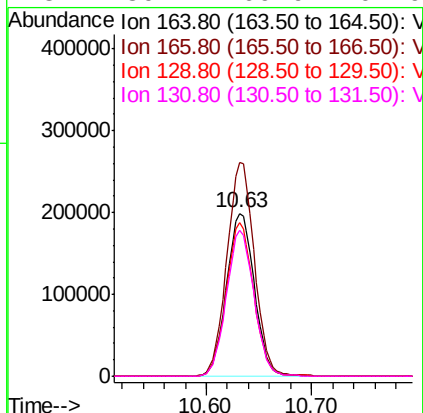
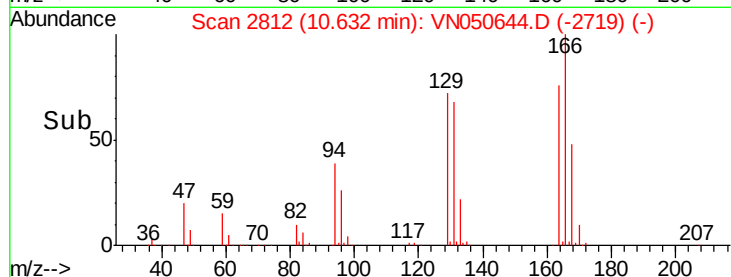
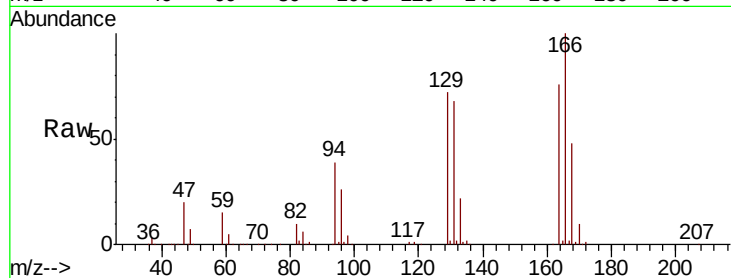




#64
Tetrachloroethene
Concen: 45.01 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. 0.00 min
Lab File: VN050644.D
Acq: 15 Aug 2018 10:42

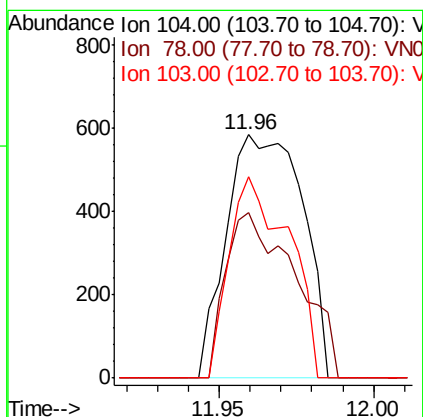
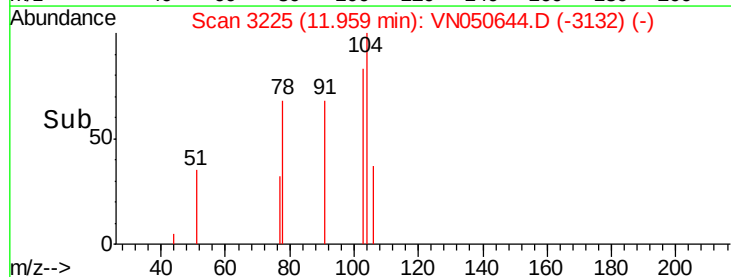
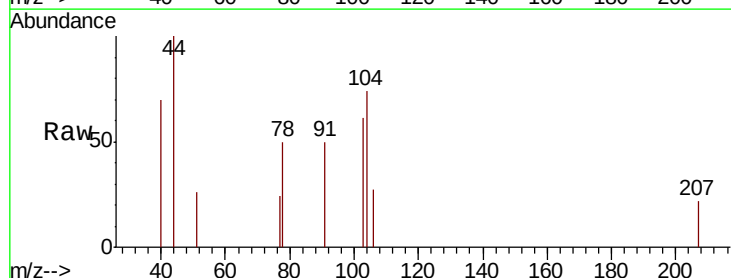
Instrument :
MSVOA_N
ClientSampleId :
956-IW-13(19)DL

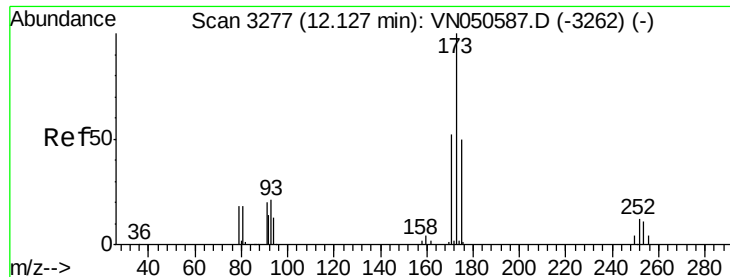
Tot Ion	Ratio	Lower	Upper
164	100		
166	130.9	102.1	153.1
129	94.0	72.7	109.1
131	89.2	69.9	104.9



#70
Styrene
Concen: 0.98 ug/l
RT: 11.96 min Scan# 3225
Delta R.T. -0.00 min
Lab File: VN050644.D
Acq: 15 Aug 2018 10:42

Tgt Ion	Ratio	Lower	Upper
104	100		
78	62.6	39.1	58.7#
103	64.8	44.9	67.3





#71

Bromoform

Concen: 0.52 ug/l

RT: 12.40 min Scan# 3362

Delta R.T. 0.27 min

Lab File: VN050644.D

Acq: 15 Aug 2018 10:42

Instrument :

MSVOA_N

ClientSampleId :

956-IW-13(19)DL

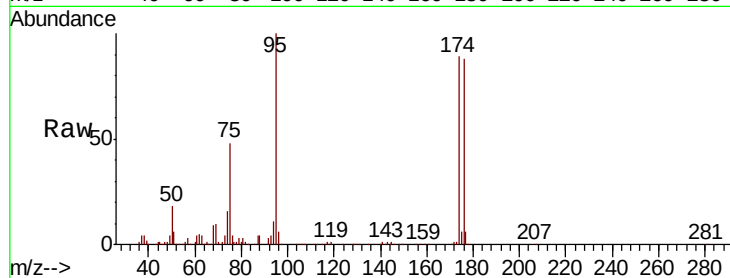
Tot Ion:173 Resp: 2802

Ion Ratio Lower Upper

173 100

175 766.3 24.4 73.2#

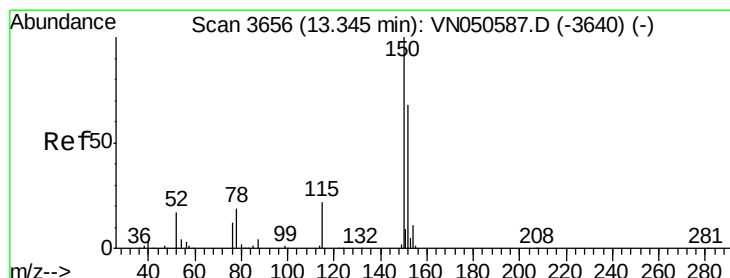
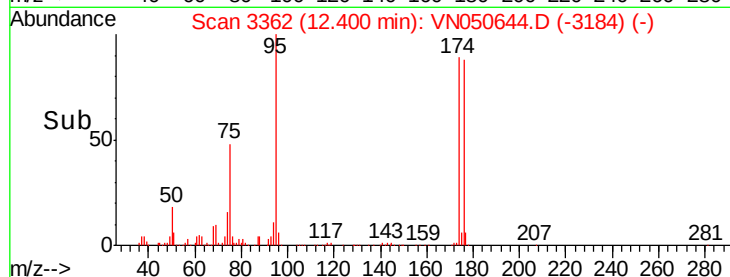
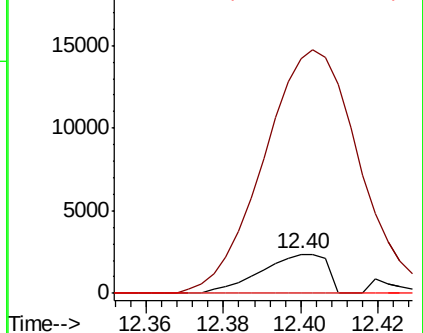
254 0.0 0.0 0.0



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: VN050644.D

Acq: 15 Aug 2018 10:42

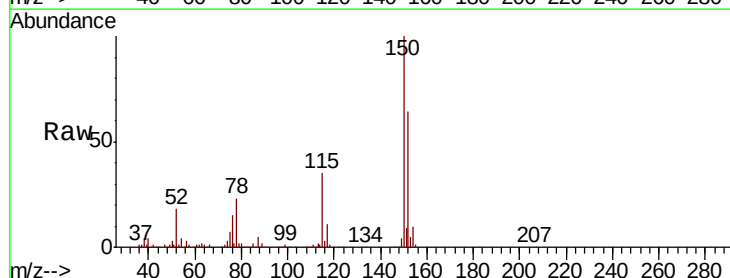
Tgt Ion:152 Resp: 313757

Ion Ratio Lower Upper

152 100

115 55.5 28.1 84.2

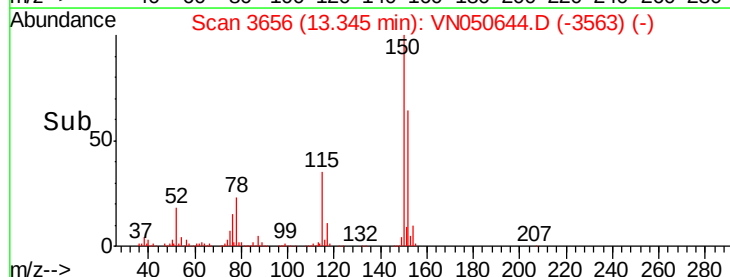
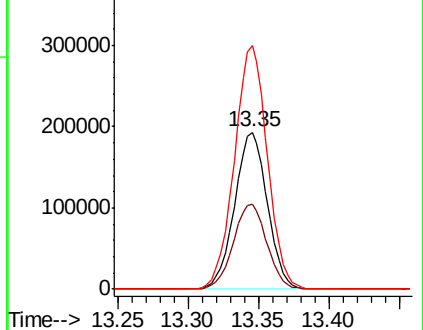
150 156.2 0.0 347.8

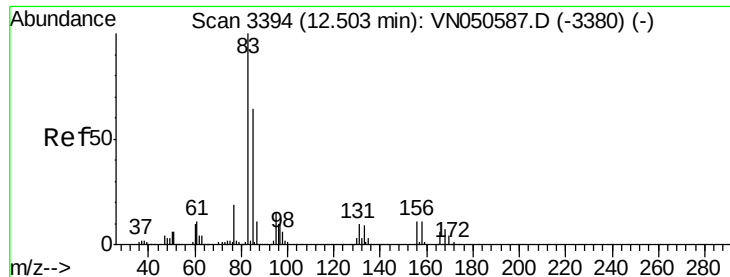


Abundance Ion 151.90 (151.60 to 152.60): V

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. 0.01 min

Lab File: VN050644.D

Acq: 15 Aug 2018 10:42

Instrument :

MSVOA_N

ClientSampleId :

956-IW-13(19)DL

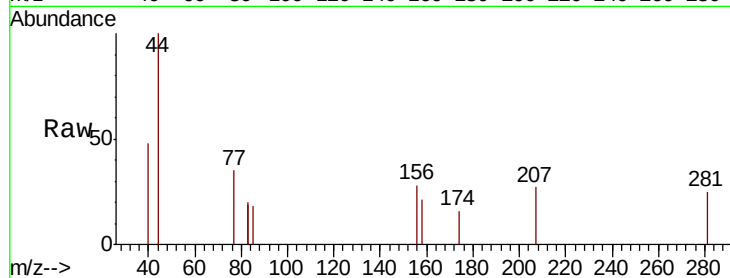
Tot Ion: 83 Resp: 405

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.9#

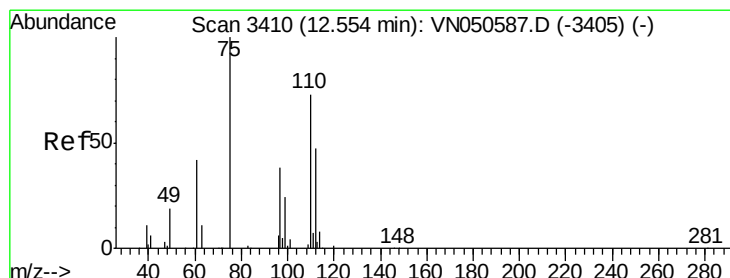
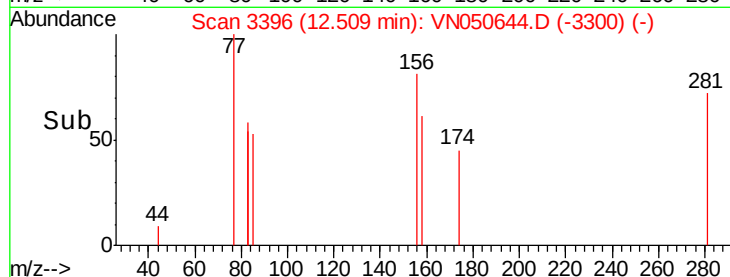
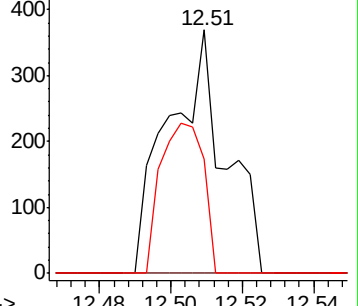
85 46.7 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 35.94 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050644.D

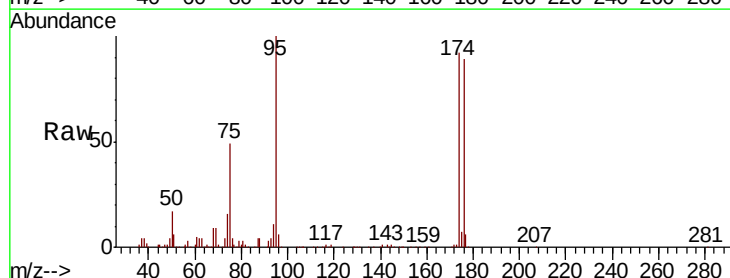
Acq: 15 Aug 2018 10:42

Tgt Ion: 75 Resp: 183635

Ion Ratio Lower Upper

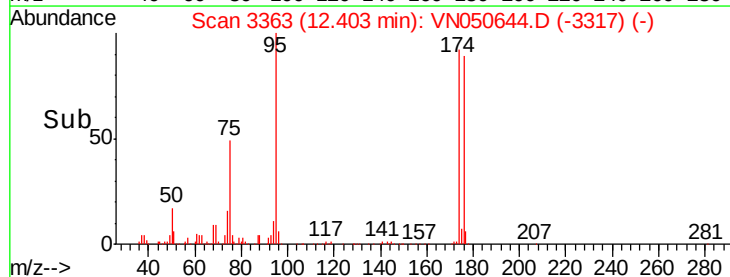
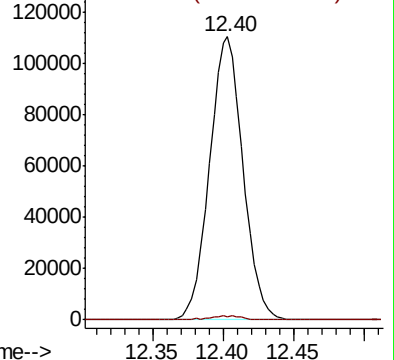
75 100

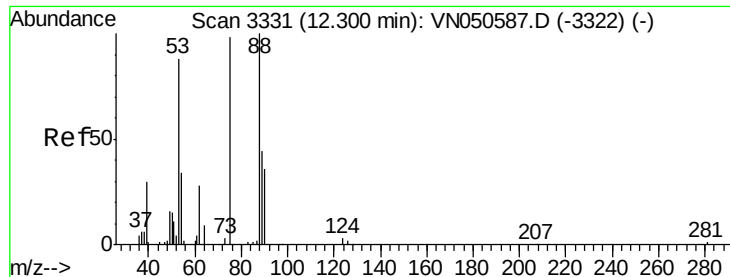
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#81

trans-1,4-Dichloro-2-butene

Concen: 130.12 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050644.D

Acq: 15 Aug 2018 10:42

Instrument :

MSVOA_N

ClientSampleId :

956-IW-13(19)DL

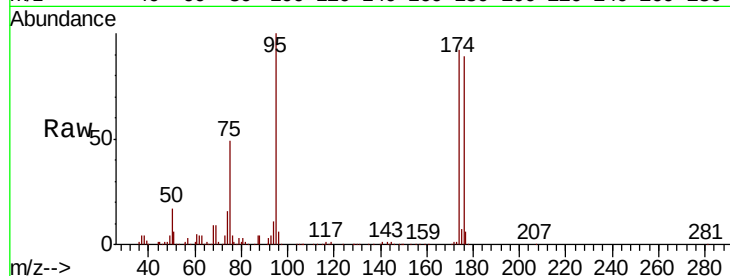
Tot Ion: 75 Resp: 183635

Ion Ratio Lower Upper

75 100

53 0.1 72.2 108.2#

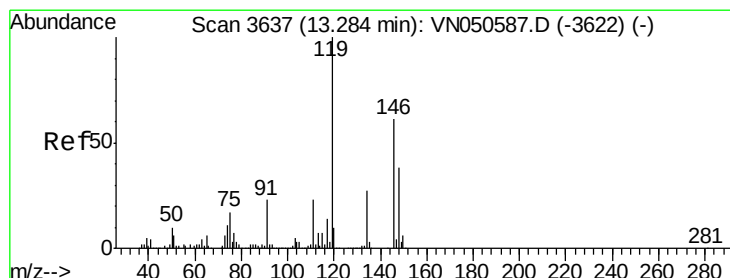
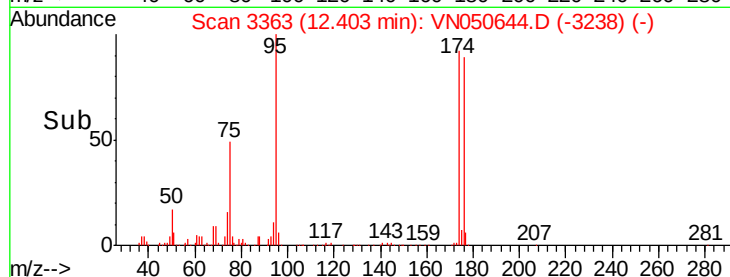
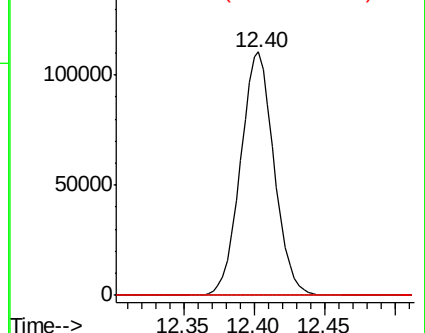
89 0.0 36.3 54.5#



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



#87

1,3-Dichlorobenzene

Concen: 0.21 ug/l

RT: 13.28 min Scan# 3636

Delta R.T. -0.00 min

Lab File: VN050644.D

Acq: 15 Aug 2018 10:42

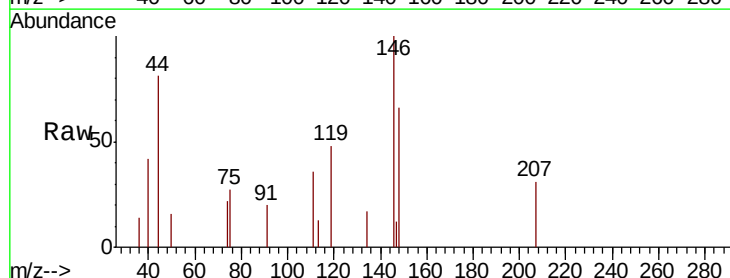
Tgt Ion: 146 Resp: 2369

Ion Ratio Lower Upper

146 100

111 35.4 19.2 57.6

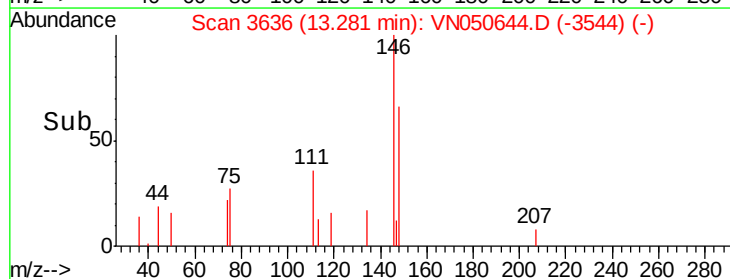
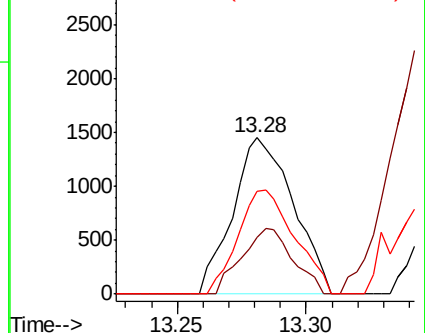
148 62.2 31.9 95.7

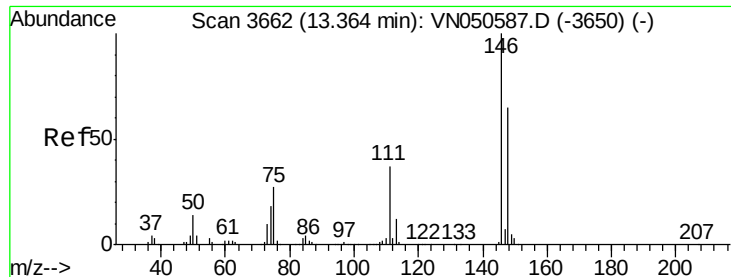


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

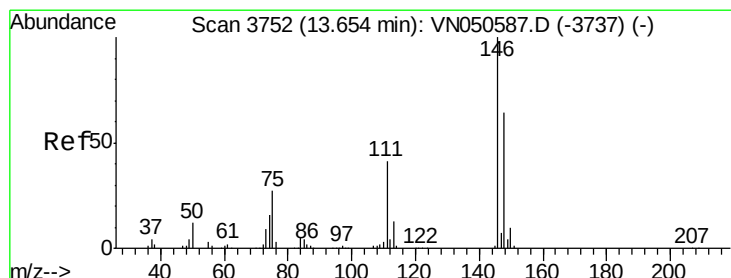
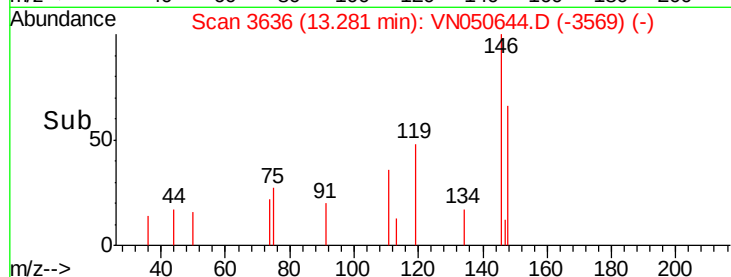
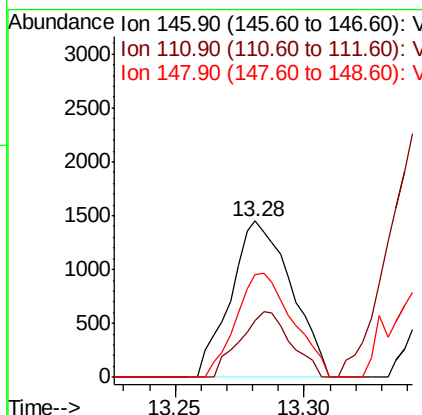
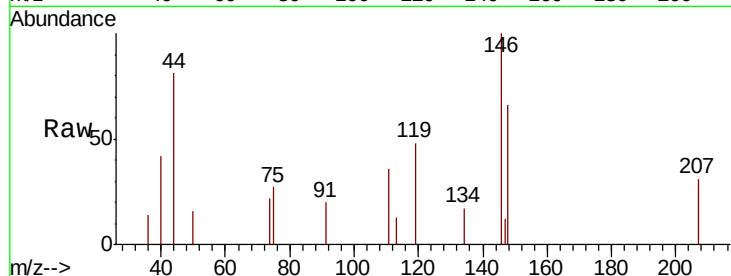




#88
 1,4-Dichlorobenzene
 Concen: 0.21 ug/l
 RT: 13.28 min Scan# 3636
 Delta R.T. -0.08 min
 Lab File: VN050644.D
 Acq: 15 Aug 2018 10:42

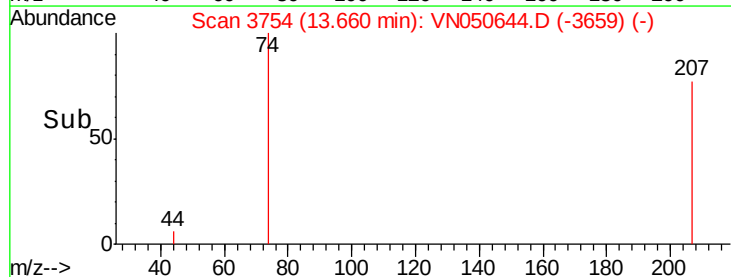
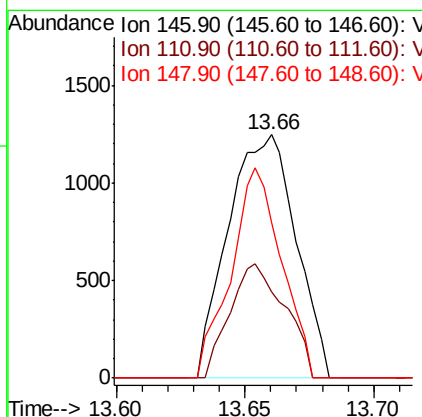
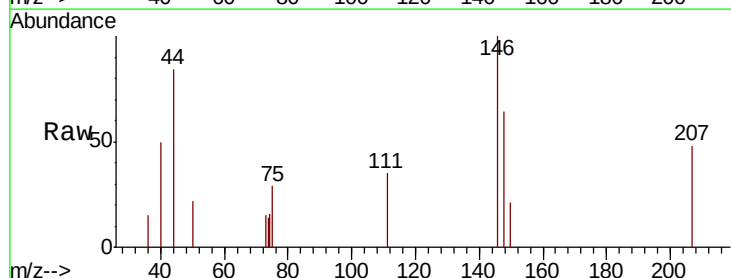
Instrument :
 MSVOA_N
 ClientSampleId :
 956-IW-13(19)DL

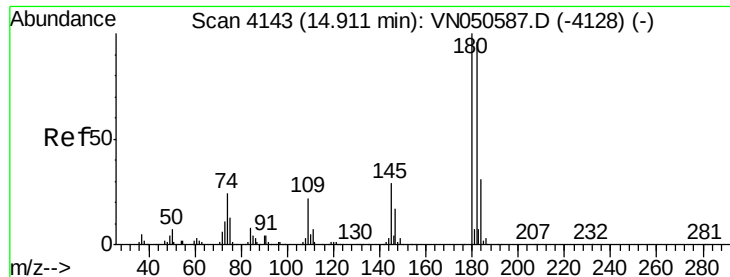
Tot Ion:146 Resp: 2369
 Ion Ratio Lower Upper
 146 100
 111 35.4 18.8 56.4
 148 62.2 32.3 96.8



#91
 1,2-Dichlorobenzene
 Concen: 0.21 ug/l
 RT: 13.66 min Scan# 3754
 Delta R.T. 0.01 min
 Lab File: VN050644.D
 Acq: 15 Aug 2018 10:42

Tgt Ion:146 Resp: 2285
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.8 59.4
 148 64.3 32.3 96.8

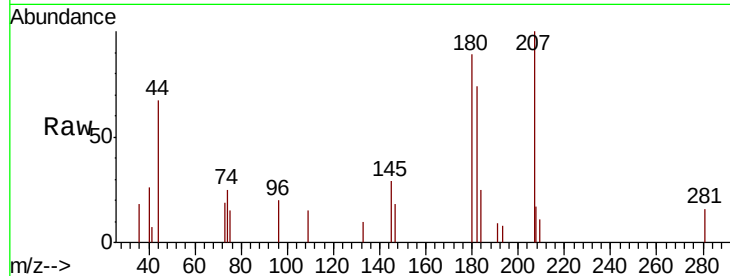




#93
 1,2,4-Trichlorobenzene
 Concen: 3.15 ug/l
 RT: 14.91 min Scan# 4142
 Delta R.T. -0.00 min
 Lab File: VN050644.D
 Acq: 15 Aug 2018 10:42

Instrument :
 MSVOA_N
 ClientSampleId :
 956-IW-13(19)DL

Tot Ion	Ratio	Lower	Upper
180	100		
182	91.4	47.9	143.7
145	33.8	14.4	43.4

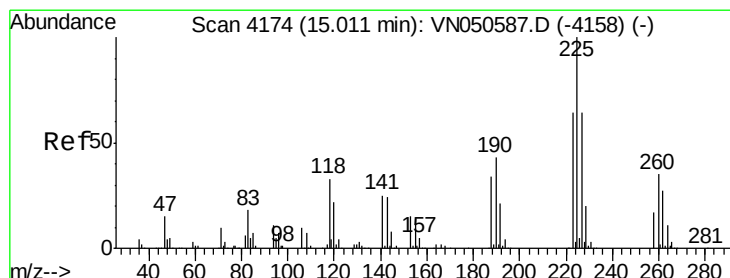
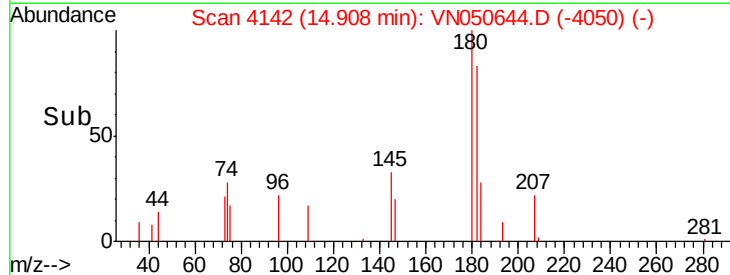
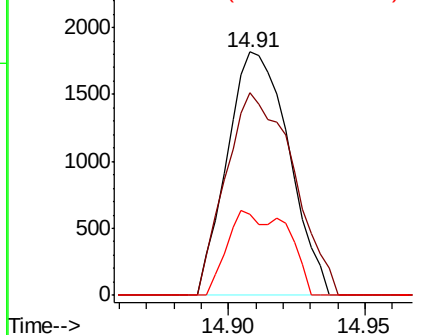


Abundance

Ion 179.80 (179.50 to 180.50): V

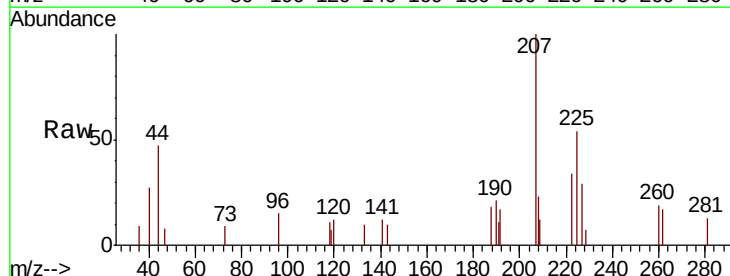
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 0.56 ug/l
 RT: 15.01 min Scan# 4173
 Delta R.T. -0.00 min
 Lab File: VN050644.D
 Acq: 15 Aug 2018 10:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	57.9	32.1	96.3
227	52.2	32.0	96.2

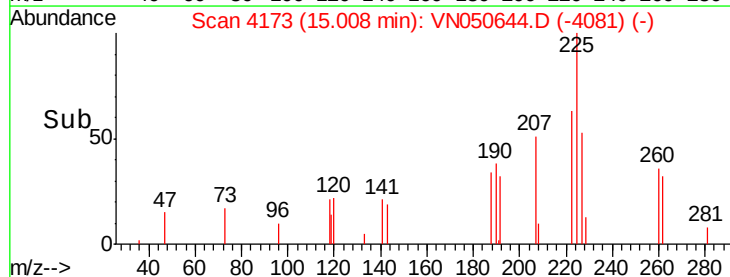
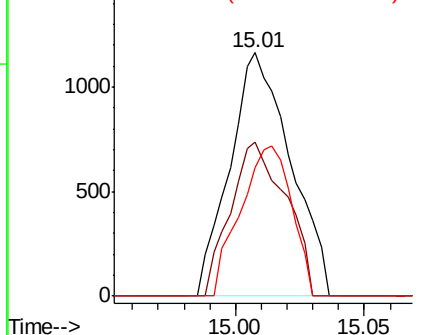


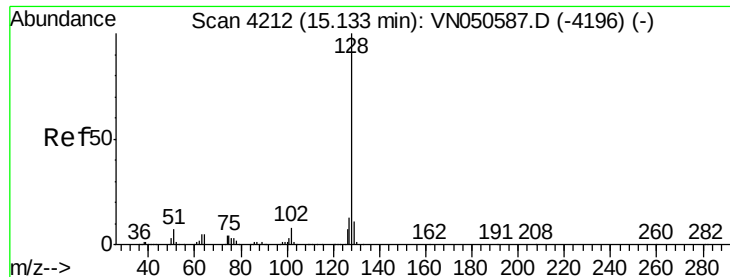
Abundance

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

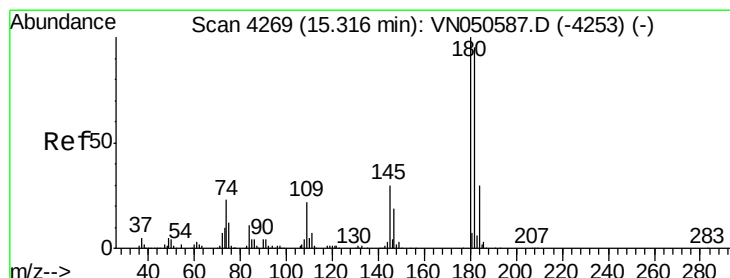
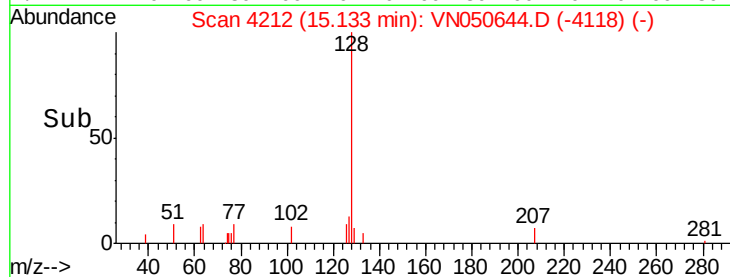
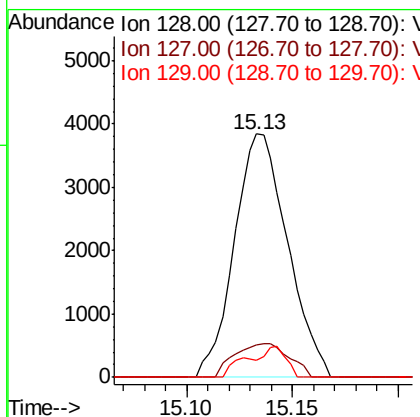
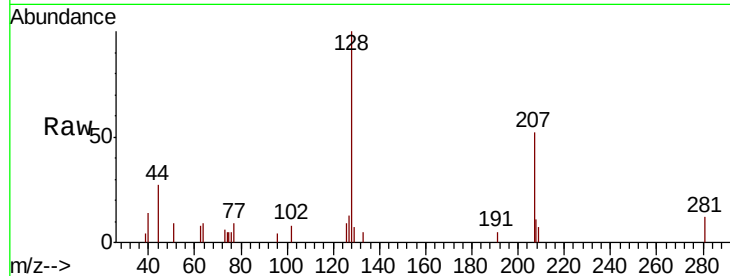




#95
Naphthalene
Concen: 4.38 ug/l
RT: 15.13 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN050644.D
Acq: 15 Aug 2018 10:42

Instrument :
MSVOA_N
ClientSampleId :
956-IW-13(19)DL

Tot Ion:128 Resp: 6739
Ion Ratio Lower Upper
128 100
127 14.2 10.3 15.5
129 9.2 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 2.54 ug/l
RT: 15.32 min Scan# 4270
Delta R.T. 0.00 min
Lab File: VN050644.D
Acq: 15 Aug 2018 10:42

Tgt Ion:180 Resp: 3341
Ion Ratio Lower Upper
180 100
182 86.7 47.3 141.8
145 28.3 14.6 44.0

