

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070518\
 Data File : VN049728.D
 Acq On : 5 Jul 2018 21:44
 Operator : MD\SY
 Sample : J3868-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 06 02:15:00 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	1177170	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1979280	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1630697	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	691898	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	831286	53.47	ug/l	0.00
Spiked Amount			Recovery	=	106.94%	
35) Dibromofluoromethane	7.59	113	694950	46.96	ug/l	0.00
Spiked Amount			Recovery	=	93.92%	
50) Toluene-d8	10.09	98	2612809	45.11	ug/l	0.00
Spiked Amount			Recovery	=	90.22%	
62) 4-Bromofluorobenzene	12.40	95	772225	39.05	ug/l	0.00
Spiked Amount			Recovery	=	78.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	6201	0.37	ug/l	99
11) Tert butyl alcohol	4.81	59	323	0.36	ug/l #	72
13) Acrolein	3.62	56	1285	1.54	ug/l #	41
14) Allyl chloride	4.55	41	31062	1.64	ug/l #	26
16) Acetone	3.83	43	34393	3.13	ug/l	98
17) Carbon Disulfide	4.05	76	3523	Below Cal	#	75
18) Methyl Acetate	4.33	43	92552	1.43	ug/l	97
20) Methylene Chloride	4.55	84	925885	57.84	ug/l	98
25) 2-Butanone	6.85	43	6495	1.26	ug/l	89
28) Bromochloromethane	7.37	49	2677	0.23	ug/l #	11
29) Tetrahydrofuran	7.21	42	946	0.29	ug/l #	87
30) Chloroform	7.37	83	30386	1.10	ug/l	96
36) 1,1-Dichloropropene	7.67	75	82167	3.69	ug/l #	49
37) Ethyl Acetate	6.85	43	6495	0.50	ug/l #	69
38) Carbon Tetrachloride	7.67	117	105256	4.86	ug/l #	16
43) Isopropyl Acetate	8.27	43	732513	28.15	ug/l #	62
47) Bromodichloromethane	9.41	83	10572	0.47	ug/l	93
51) 4-Methyl-2-Pentanone	9.99	43	2870	0.23	ug/l	95
64) Tetrachloroethene	10.63	164	4471	0.20	ug/l	94
68) m/p-Xylenes	11.62	106	6215	0.23	ug/l	93
71) Bromoform	12.40	173	6745	0.66	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.40	83	684	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	382178	34.44	ug/l #	100
78) n-propylbenzene	12.60	91	16084	0.25	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	9983	0.22	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	382178	116.98	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.04	105	31692	0.67	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	207	Below Cal	#	25
88) 1,4-Dichlorobenzene	13.35	146	434	Below Cal	#	1
90) Hexachloroethane	13.89	117	5177	1.09	ug/l #	4
91) 1,2-Dichlorobenzene	13.65	146	355	Below Cal	#	25
92) 1,2-Dibromo-3-Chloropropan	14.27	75	329	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.91	180	1528	2.52	ug/l #	1
95) Naphthalene	15.14	128	751060	28.61	ug/l	100

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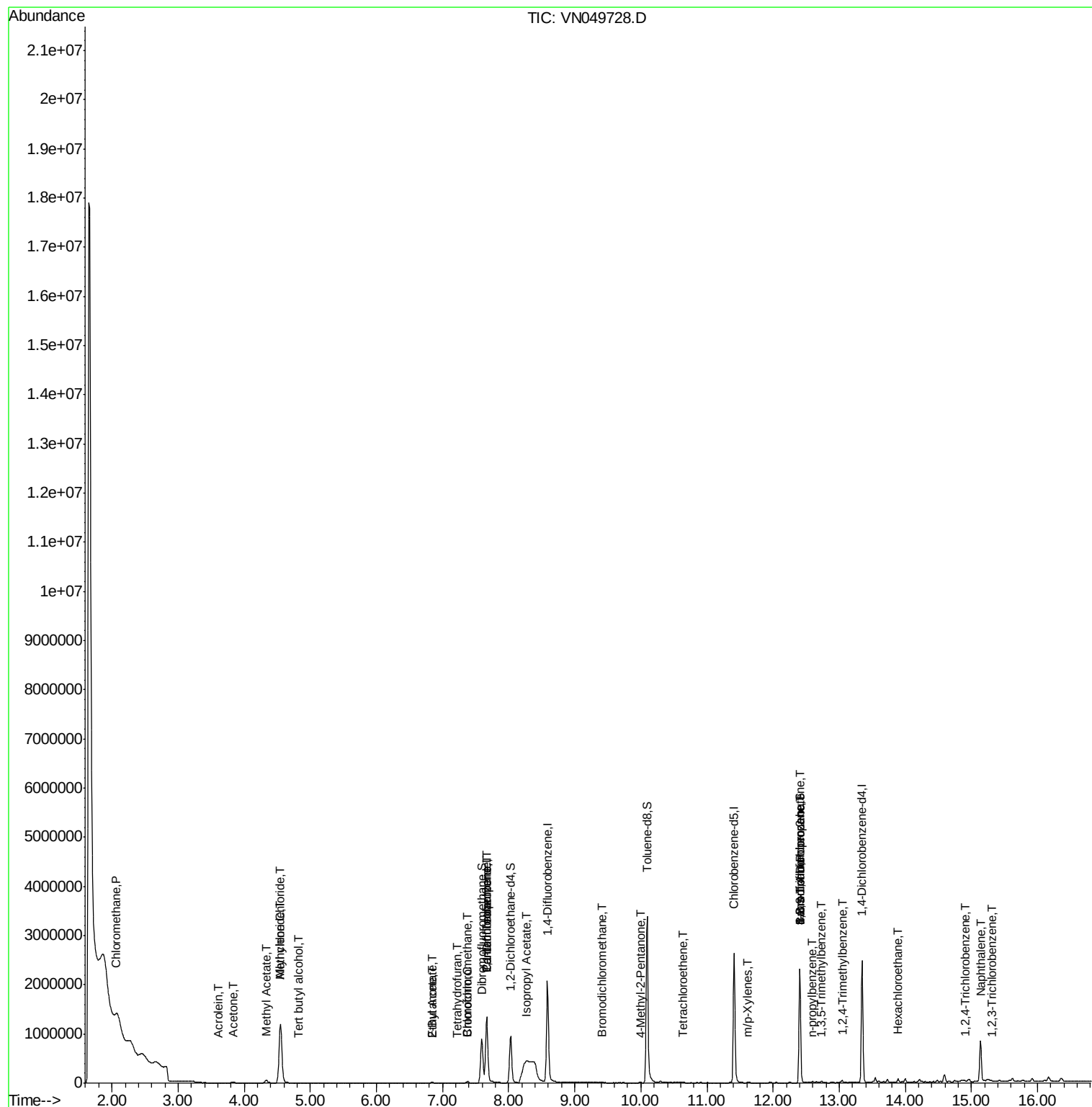
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.32	180	329	1.67	ug/l #	50

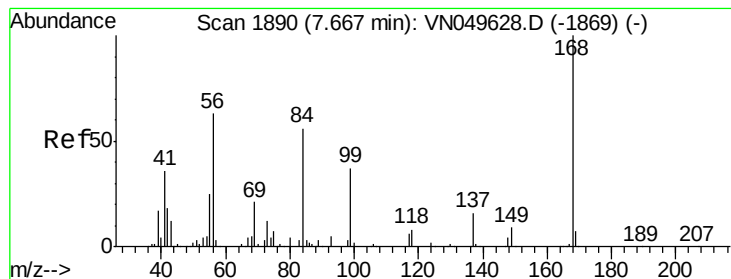
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN049728.D

Acq: 5 Jul 2018 21:44

Instrument :

MSVOA_N

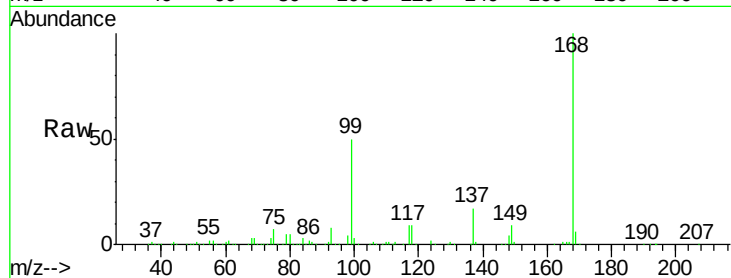
ClientSampled :

Tot Ion:168 Resp: 1177170

Ion Ratio Lower Upper

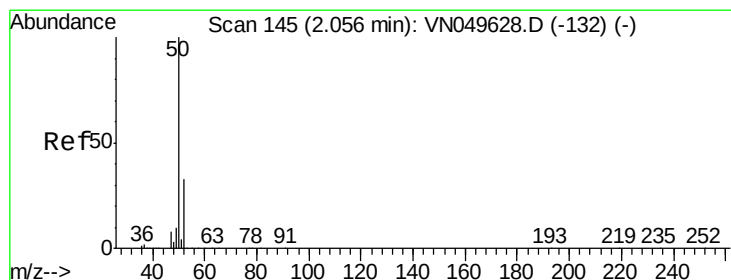
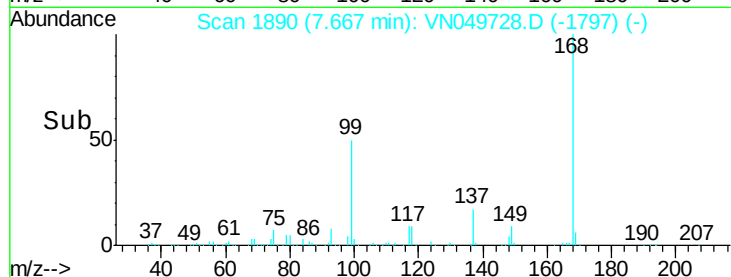
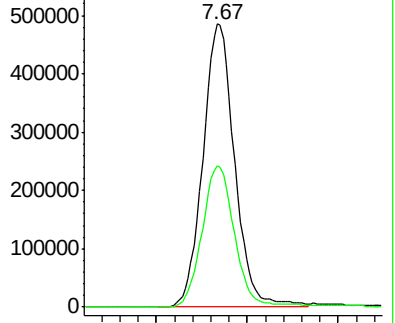
168 100

99 49.9 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#3

Chloromethane

Concen: 0.37 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049728.D

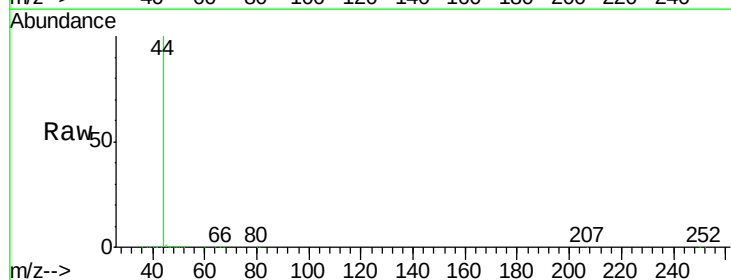
Acq: 5 Jul 2018 21:44

Tgt Ion: 50 Resp: 6201

Ion Ratio Lower Upper

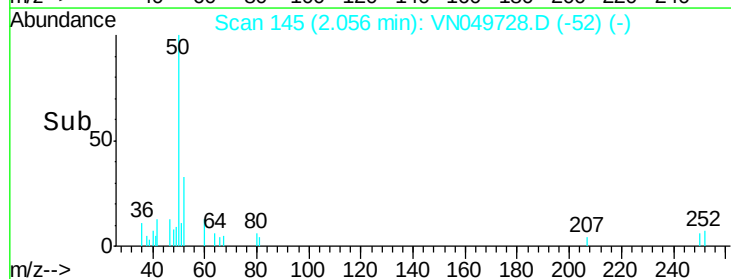
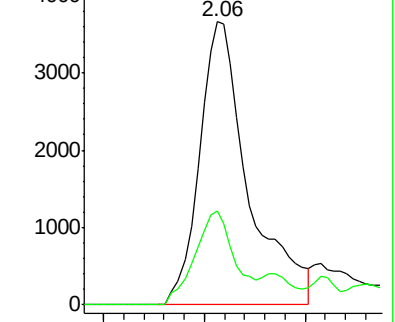
50 100

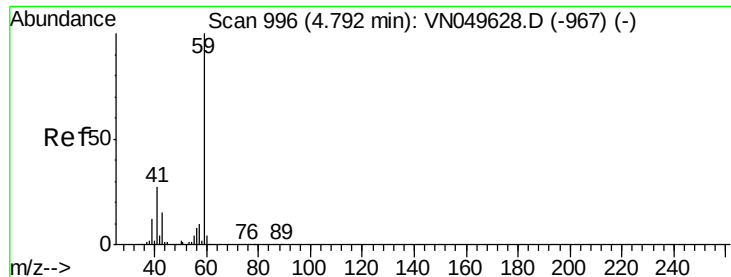
52 33.3 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



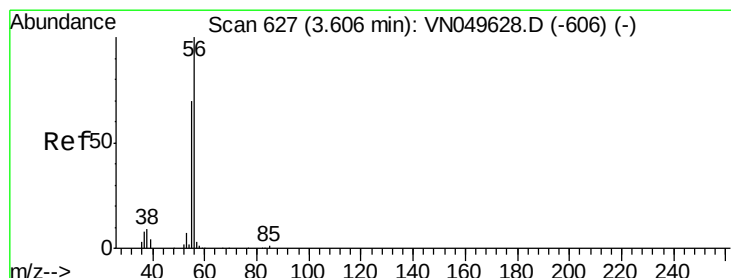
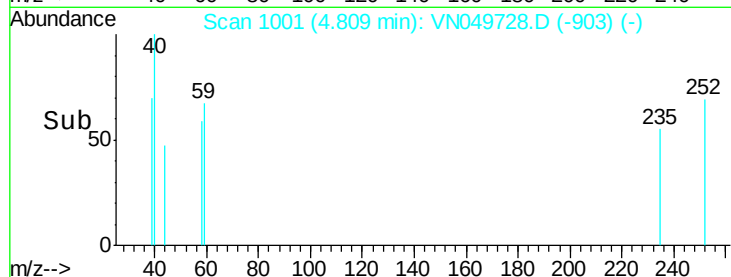
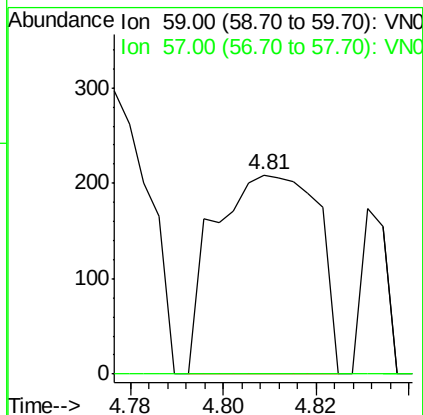
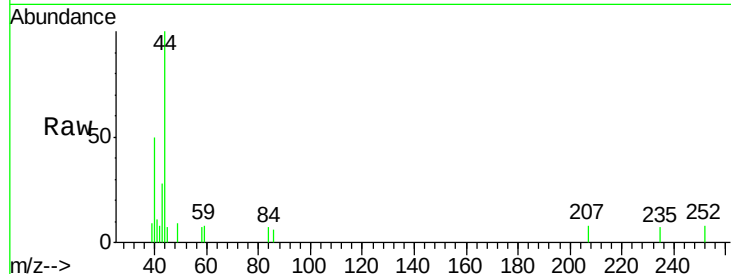


#11

Tert butyl alcohol
 Concen: 0.36 ug/l
 RT: 4.81 min Scan# 1001
 Delta R.T. 0.02 min
 Lab File: VN049728.D
 Acq: 5 Jul 2018 21:44

Instrument :
 MSVOA_N
 ClientSampled :

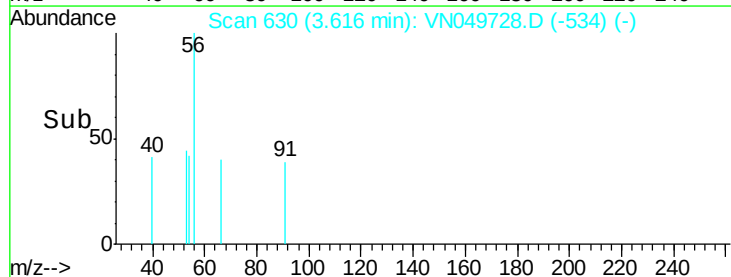
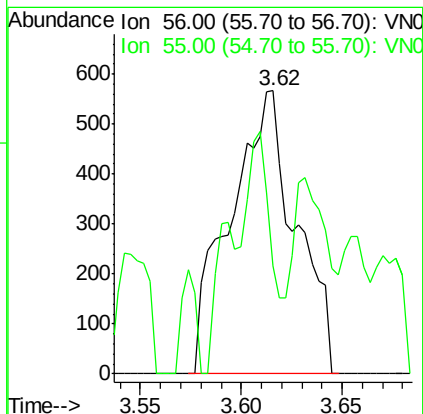
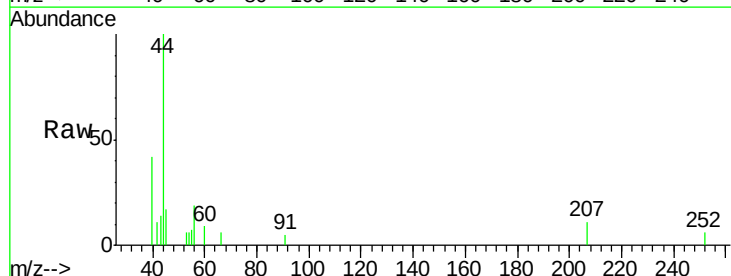
Tot Ion: 59 Resp: 323
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#

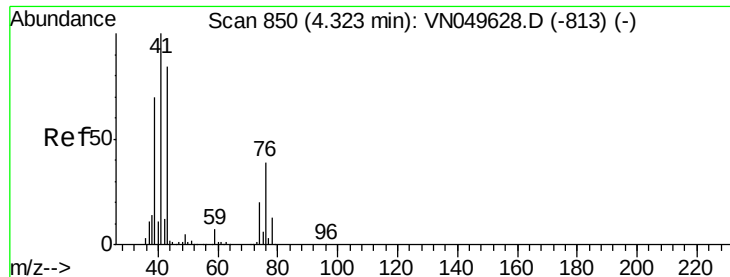


#13

Acrolein
 Concen: 1.54 ug/l
 RT: 3.62 min Scan# 630
 Delta R.T. 0.01 min
 Lab File: VN049728.D
 Acq: 5 Jul 2018 21:44

Tgt Ion: 56 Resp: 1285
 Ion Ratio Lower Upper
 56 100
 55 21.1 55.8 83.8#

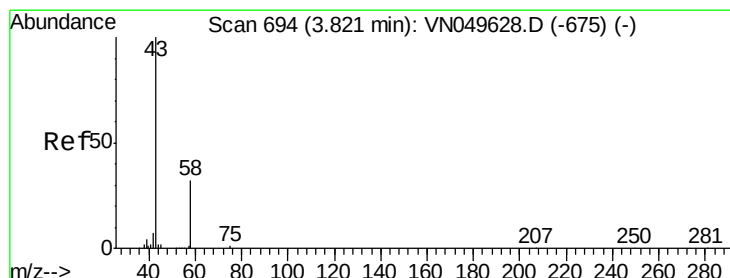
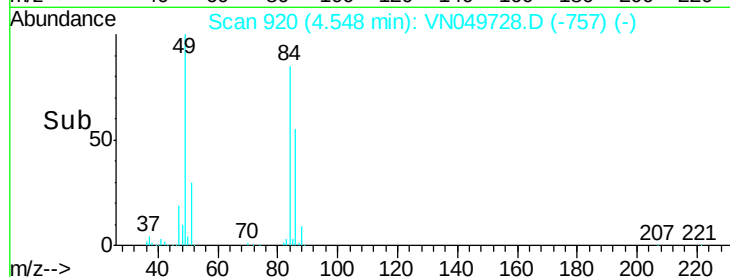
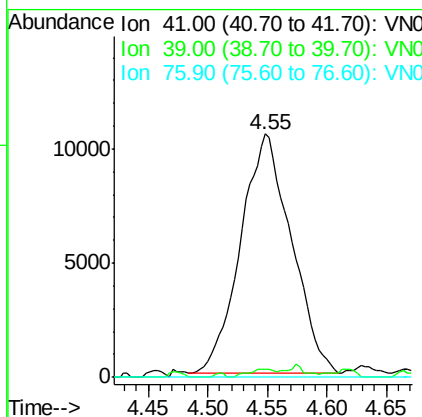
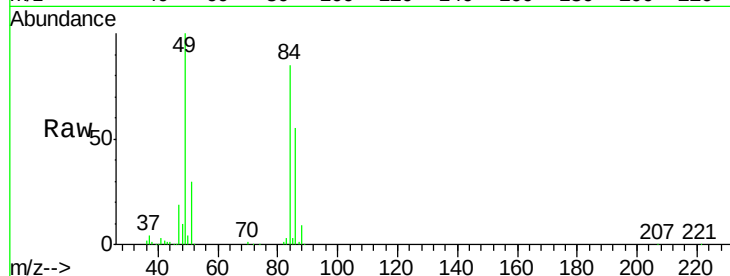




#14
Allvl chloride
Concen: 1.64 ug/l
RT: 4.55 min Scan# 920
Delta R.T. 0.23 min
Lab File: VN049728.D
Acq: 5 Jul 2018 21:44

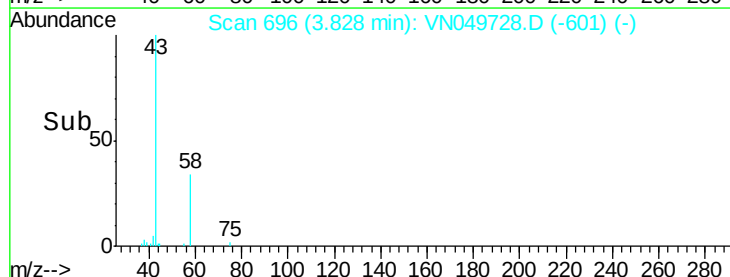
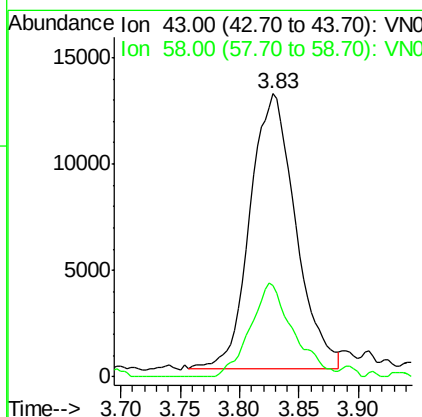
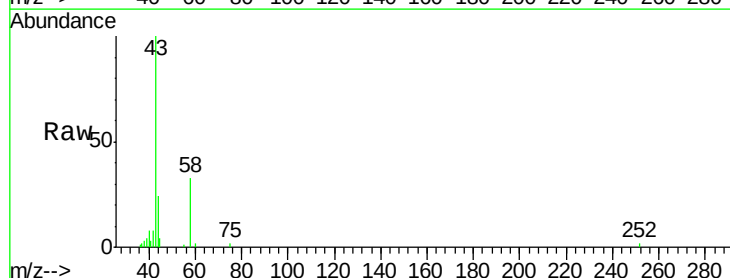
Instrument :
MSVOA_N
ClientSampled :

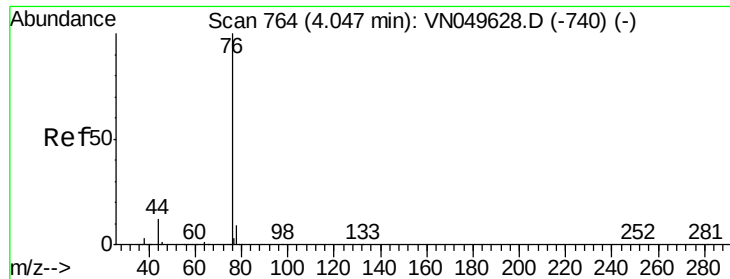
Tot Ion: 41 Resp: 31062
Ion Ratio Lower Upper
41 100
39 1.8 53.2 79.8#
76 0.0 29.0 43.6#



#16
Acetone
Concen: 3.13 ug/l
RT: 3.83 min Scan# 696
Delta R.T. 0.01 min
Lab File: VN049728.D
Acq: 5 Jul 2018 21:44

Tgt Ion: 43 Resp: 34393
Ion Ratio Lower Upper
43 100
58 33.4 25.9 38.9





#17

Carbon Disulfide

Concen: Below Cal

RT: 4.05 min Scan# 764

Delta R.T. 0.00 min

Lab File: VN049728.D

Acq: 5 Jul 2018 21:44

Instrument :

MSVOA_N

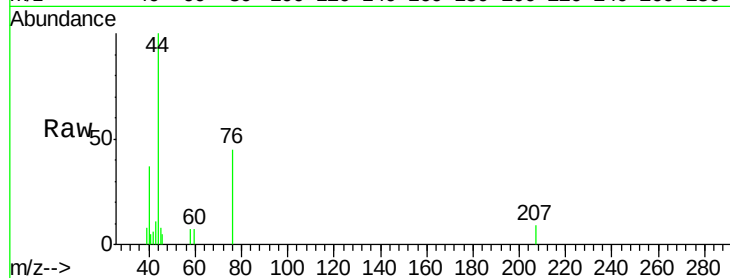
ClientSampled :

Tot Ion: 76 Resp: 3523

Ion Ratio Lower Upper

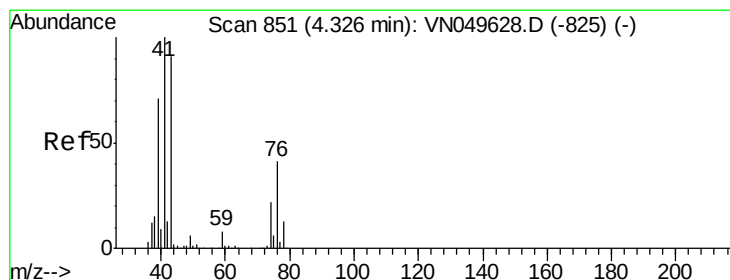
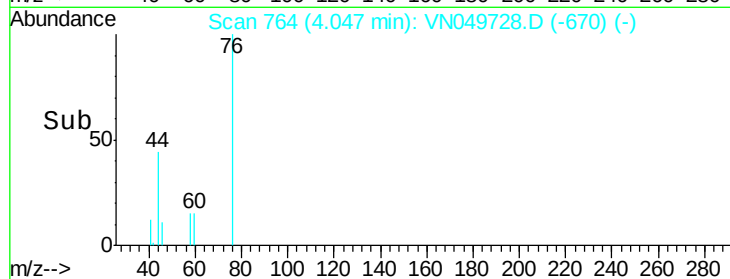
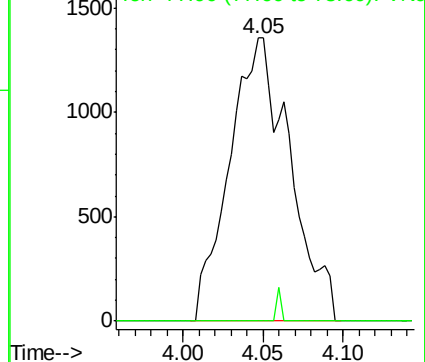
76 100

78 0.0 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 1.43 ug/l

RT: 4.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: VN049728.D

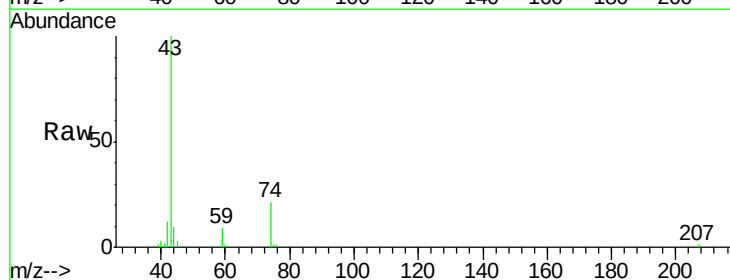
Acq: 5 Jul 2018 21:44

Tgt Ion: 43 Resp: 92552

Ion Ratio Lower Upper

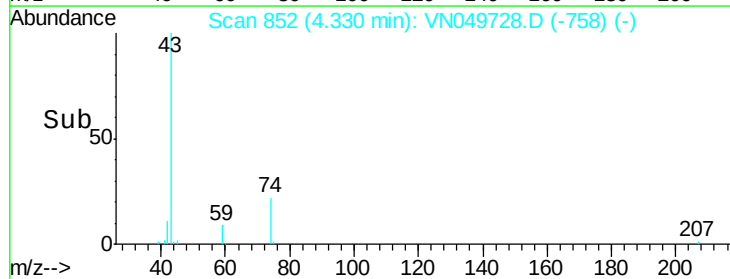
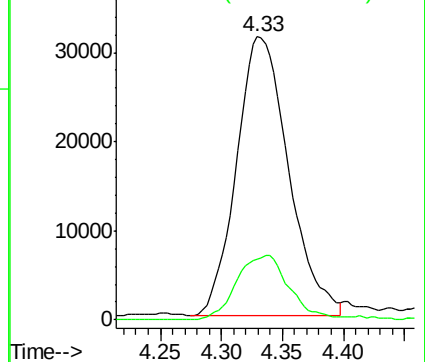
43 100

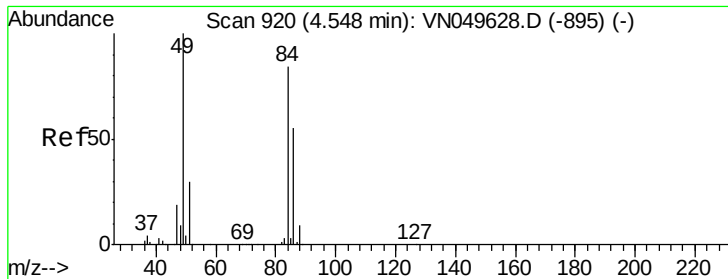
74 23.6 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

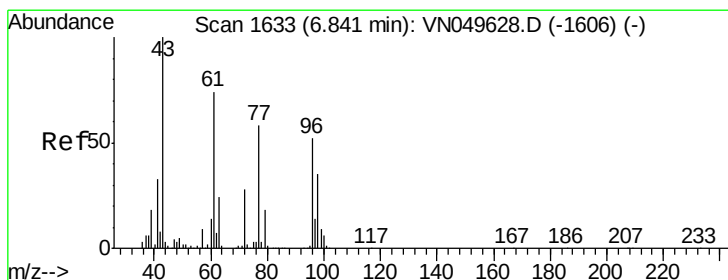
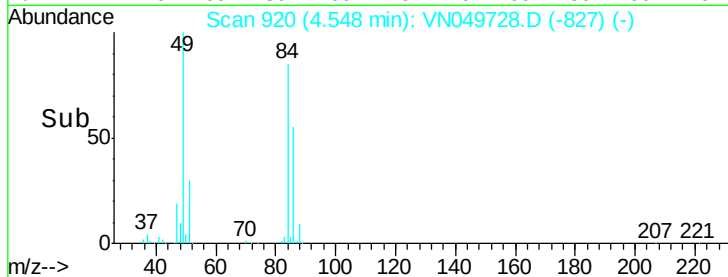
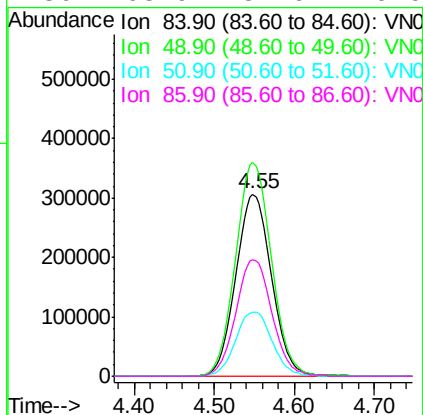
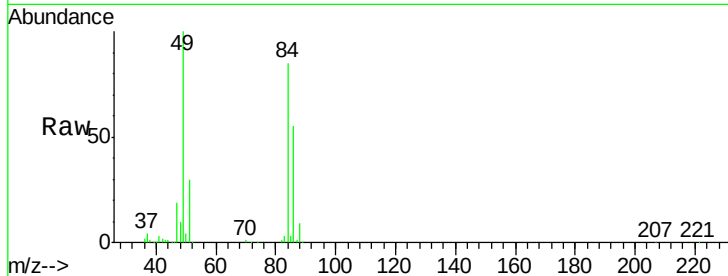




#20
Methylene Chloride
Concen: 57.84 ug/l
RT: 4.55 min Scan# 920
Delta R.T. 0.00 min
Lab File: VN049728.D
Acq: 5 Jul 2018 21:44

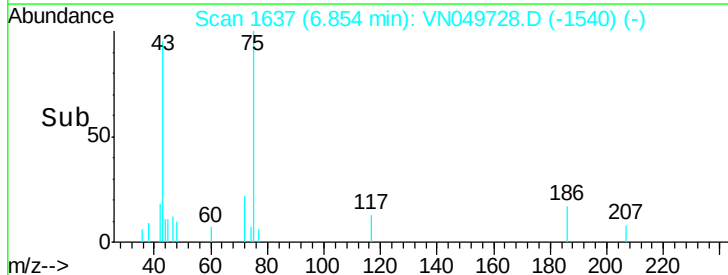
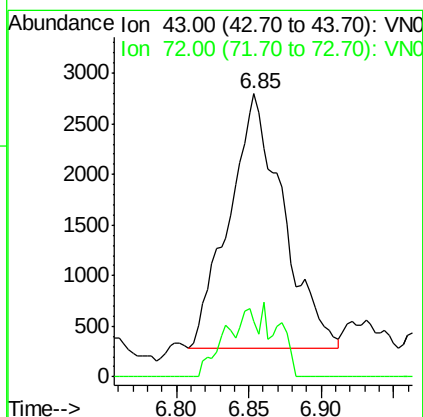
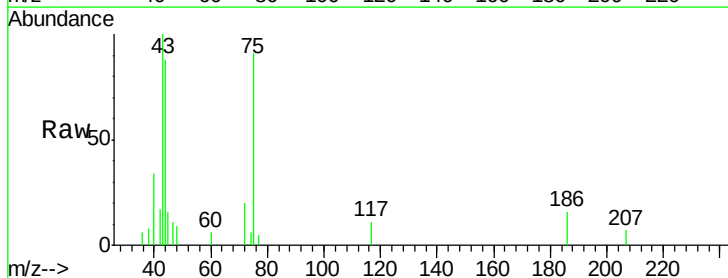
Instrument :
MSVOA_N
ClientSampled :

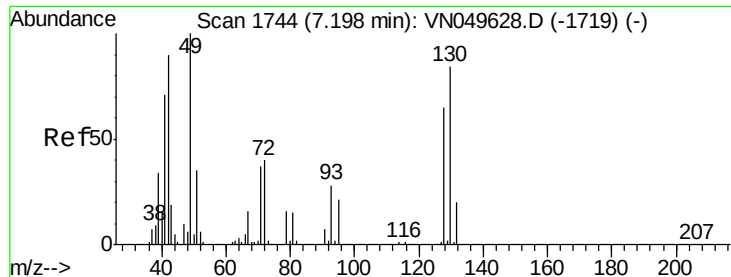
Tot Ion: 84 Resp: 925885
Ion Ratio Lower Upper
84 100
49 117.2 95.4 143.2
51 35.4 28.4 42.6
86 63.9 52.6 79.0



#25
2-Butanone
Concen: 1.26 ug/l
RT: 6.85 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VN049728.D
Acq: 5 Jul 2018 21:44

Tgt Ion: 43 Resp: 6495
Ion Ratio Lower Upper
43 100
72 22.1 22.1 33.1





#28

Bromochloromethane

Concen: 0.23 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. 0.18 min

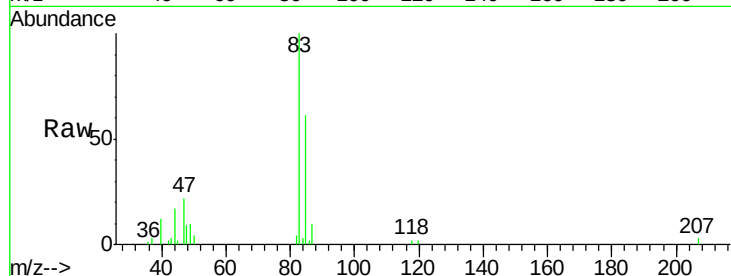
Lab File: VN049728.D

Acq: 5 Jul 2018 21:44

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 49 Resp: 2677

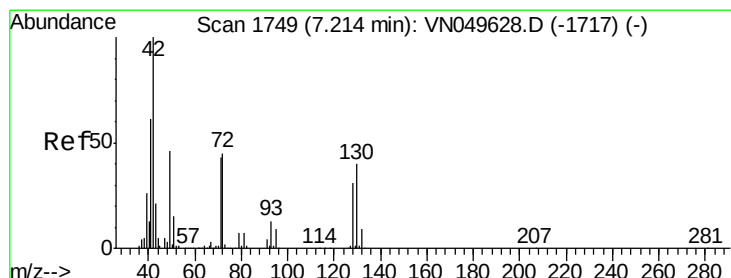
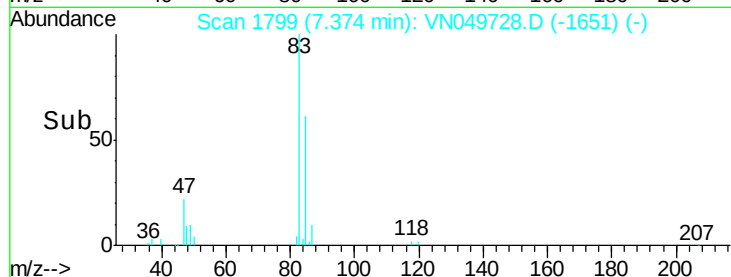
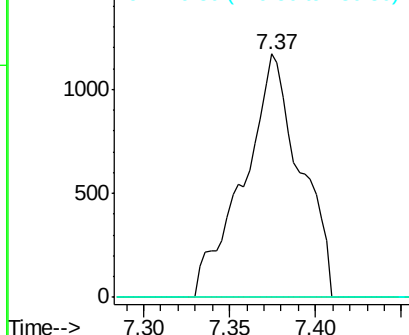
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.2
130	0.0	65.5	98.3#



Abundance Ion 48.90 (48.60 to 49.60): VN049728.D (-1719) (-)

Ion 128.80 (128.50 to 129.50): VN049728.D (-1719) (-)

Ion 129.80 (129.50 to 130.50): VN049728.D (-1719) (-)



#29

Tetrahydrofuran

Concen: 0.29 ug/l

RT: 7.21 min Scan# 1747

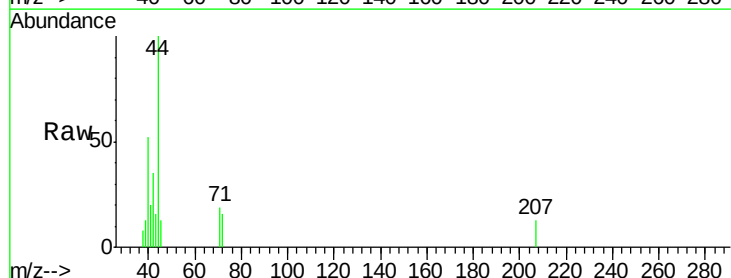
Delta R.T. -0.01 min

Lab File: VN049728.D

Acq: 5 Jul 2018 21:44

Tgt Ion: 42 Resp: 946

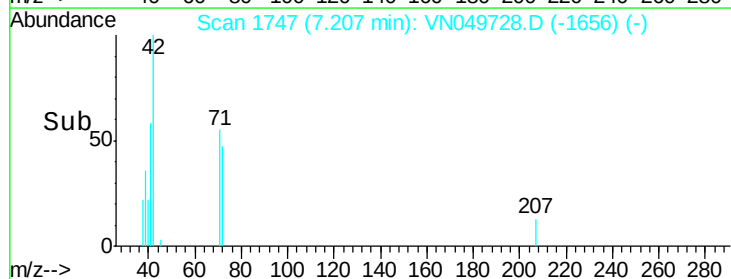
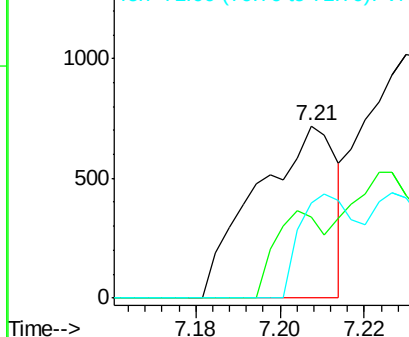
Ion	Ratio	Lower	Upper
42	100		
72	29.9	35.6	53.4#
71	44.0	34.0	51.0

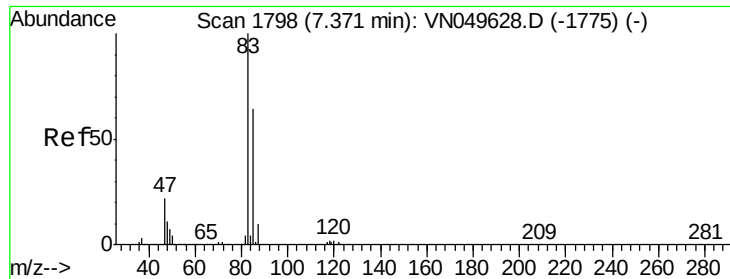


Abundance Ion 42.00 (41.70 to 42.70): VN049728.D (-1717) (-)

Ion 72.00 (71.70 to 72.70): VN049728.D (-1717) (-)

Ion 71.00 (70.70 to 71.70): VN049728.D (-1717) (-)

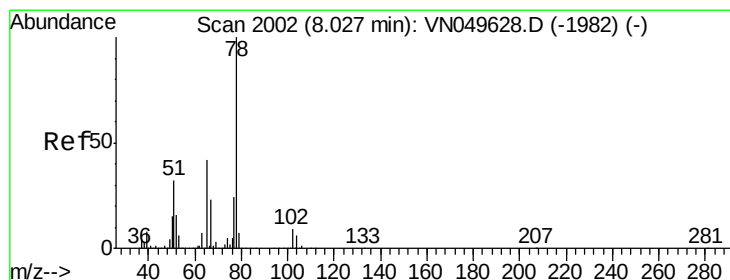
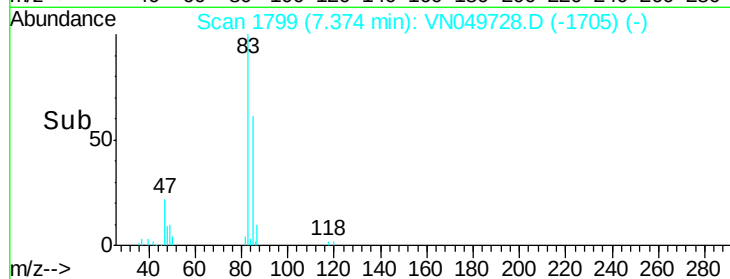
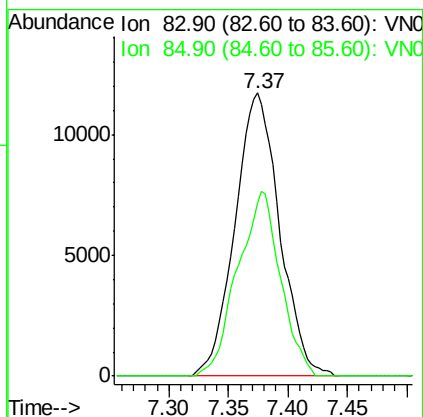
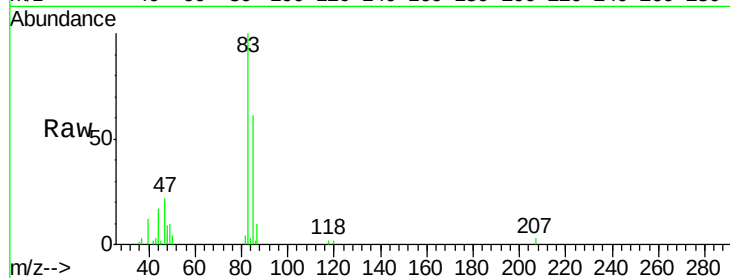




#30
Chloroform
Concen: 1.10 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN049728.D
Acq: 5 Jul 2018 21:44

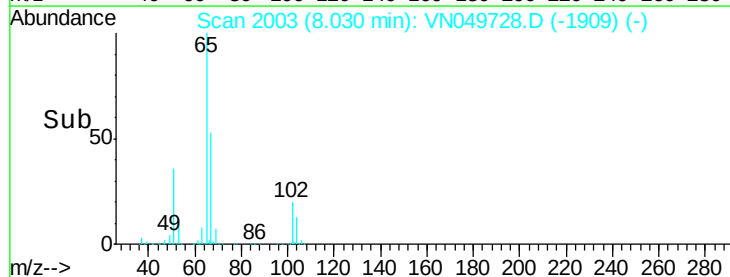
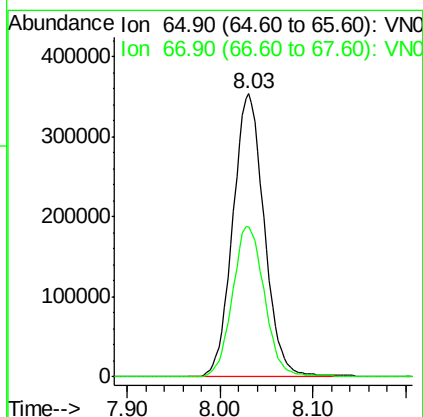
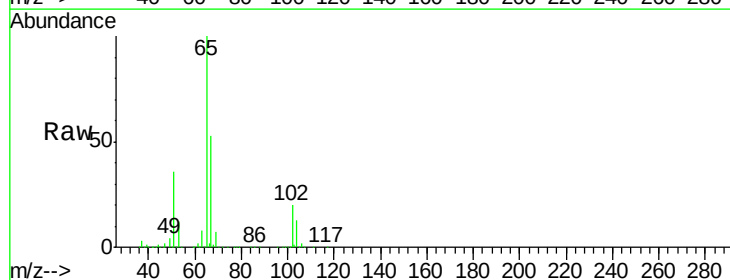
Instrument :
MSVOA_N
ClientSampled :

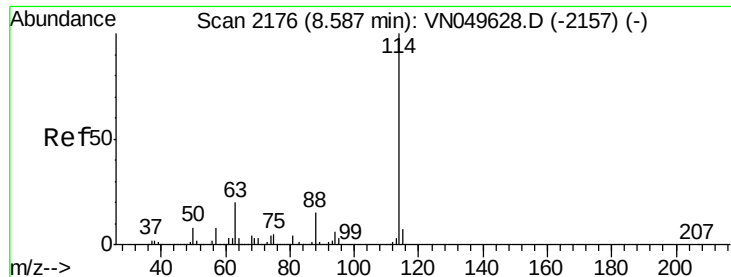
Tot Ion: 83 Resp: 30386
Ion Ratio Lower Upper
83 100
85 61.3 51.4 77.2



#33
1,2-Dichloroethane-d4
Concen: 53.47 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049728.D
Acq: 5 Jul 2018 21:44

Tgt Ion: 65 Resp: 831286
Ion Ratio Lower Upper
65 100
67 54.0 0.0 107.2

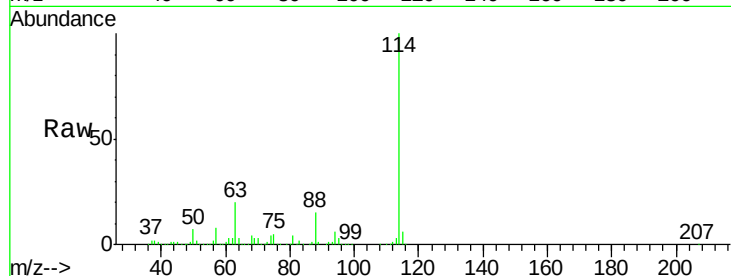




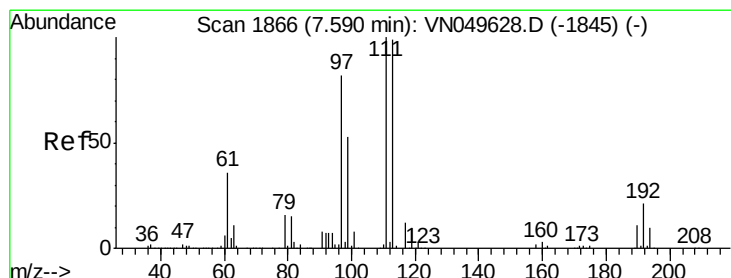
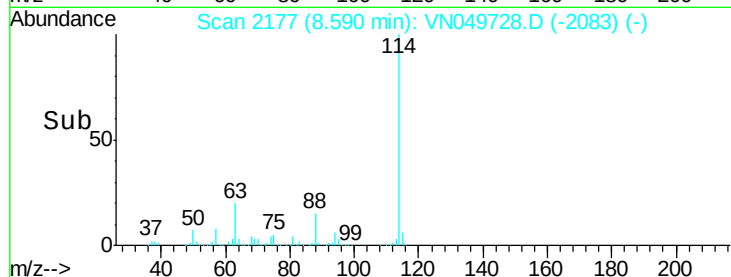
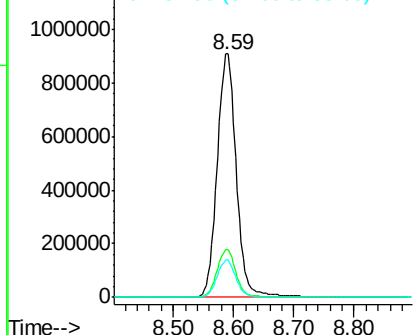
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN049728.D
 Acq: 5 Jul 2018 21:44

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:114 Resp: 1979280
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.8
 88 15.2 0.0 30.6

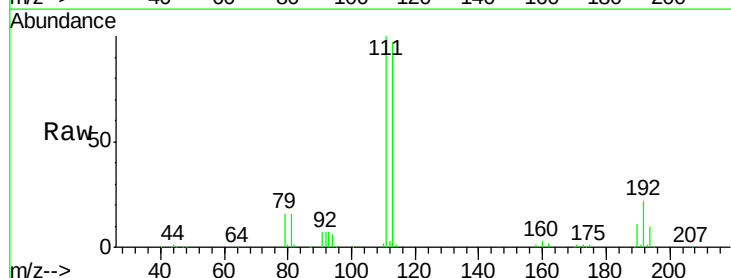


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

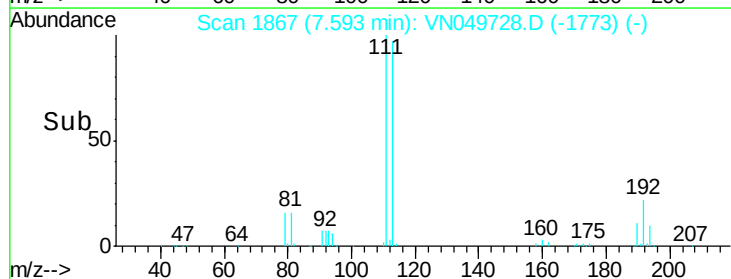
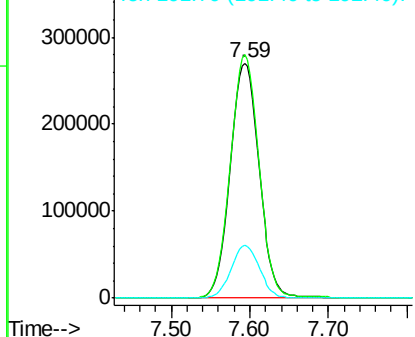


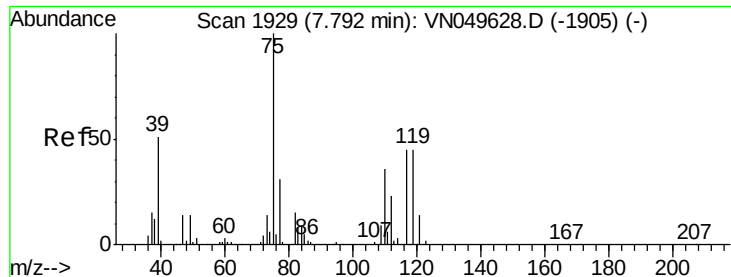
#35
 Dibromofluoromethane
 Concen: 46.96 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049728.D
 Acq: 5 Jul 2018 21:44

Tgt Ion:113 Resp: 694950
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.8 122.8
 192 22.3 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: 3.69 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.13 min

Lab File: VN049728.D

Acq: 5 Jul 2018 21:44

Instrument :

MSVOA_N

ClientSampled :

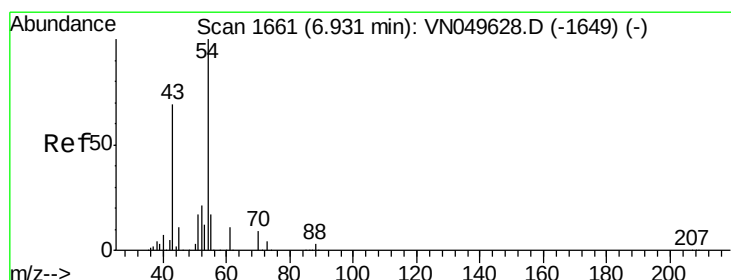
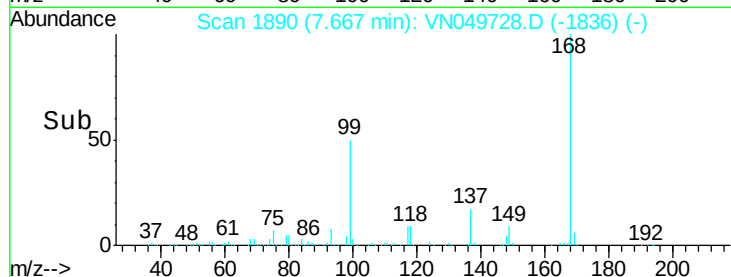
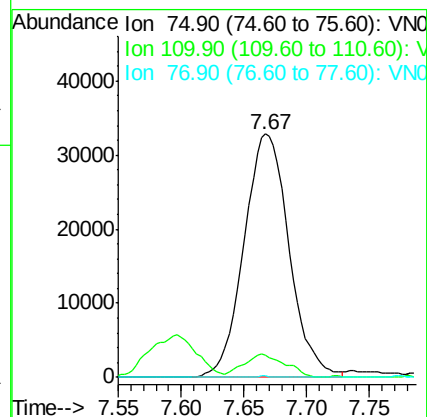
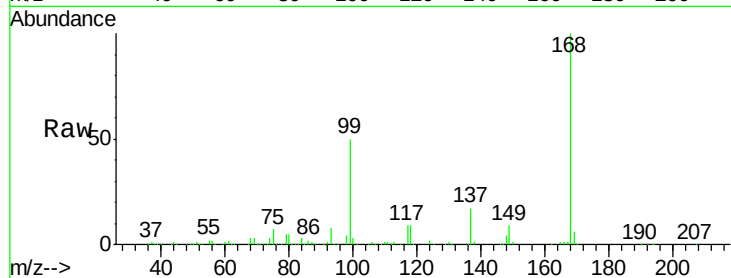
Tot Ion: 75 Resp: 82167

Ion Ratio Lower Upper

75 100

110 8.8 18.1 54.4#

77 0.1 24.9 37.3#



#37

Ethyl Acetate

Concen: 0.50 ug/l

RT: 6.85 min Scan# 1637

Delta R.T. -0.08 min

Lab File: VN049728.D

Acq: 5 Jul 2018 21:44

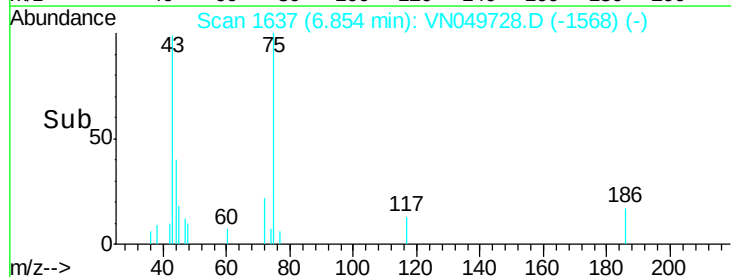
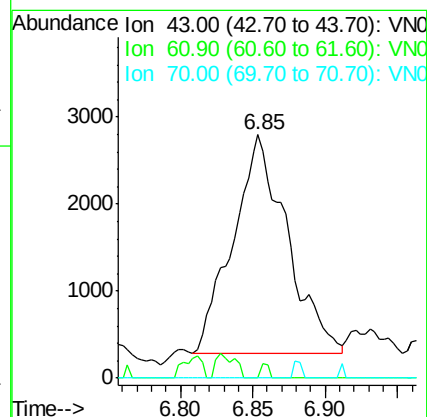
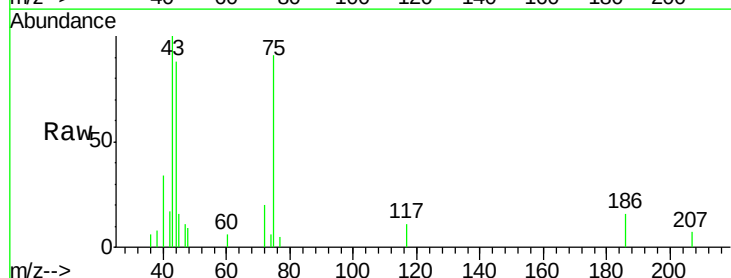
Tgt Ion: 43 Resp: 6495

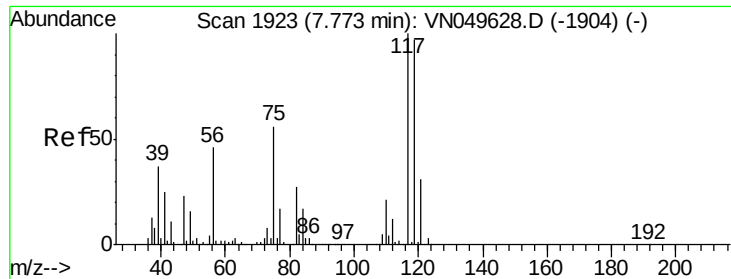
Ion Ratio Lower Upper

43 100

61 1.0 11.7 17.5#

70 0.0 8.4 12.6#

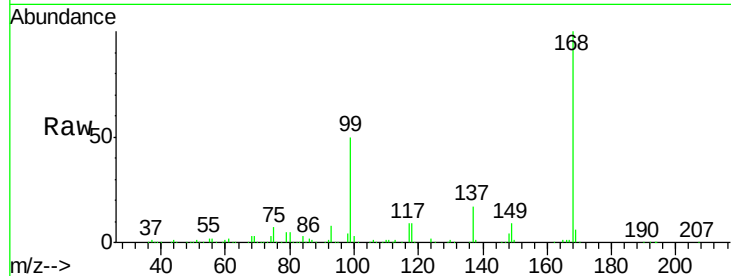




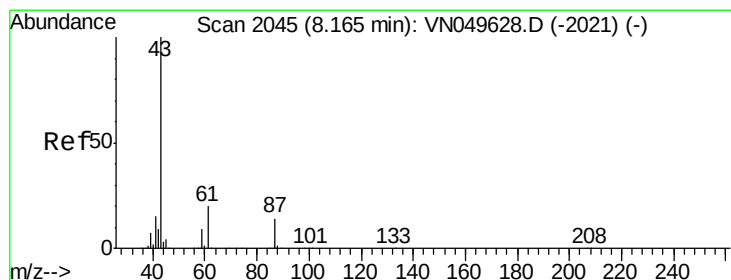
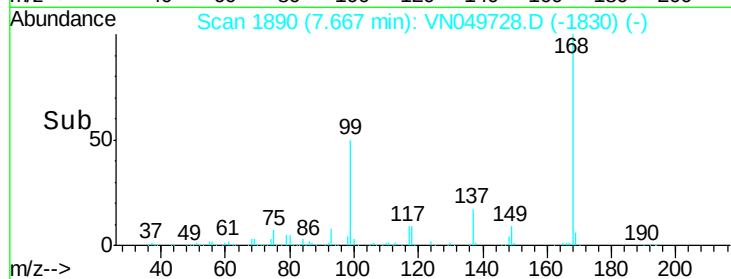
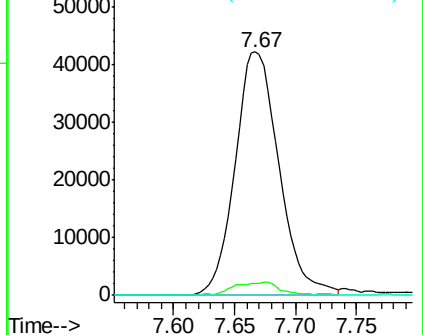
#38
Carbon Tetrachloride
Concen: 4.86 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.11 min
Lab File: VN049728.D
Acq: 5 Jul 2018 21:44

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 105256
Ion Ratio Lower Upper
117 100
119 5.0 77.2 115.8#
121 0.0 25.0 37.6#

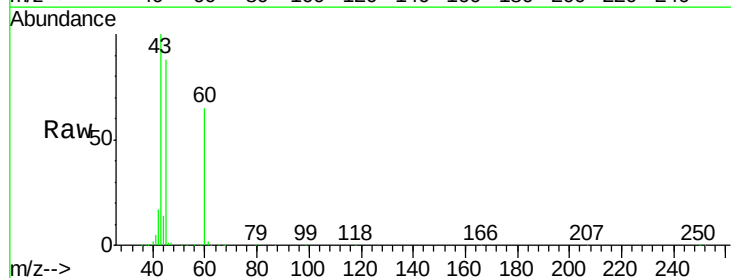


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

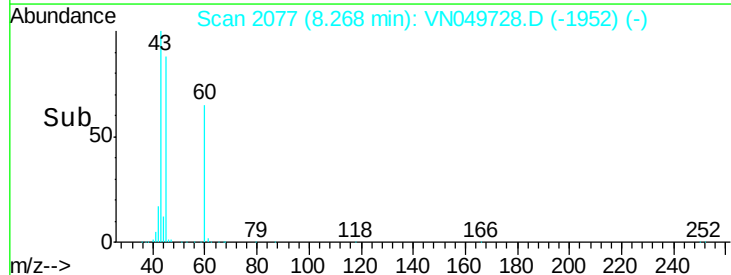
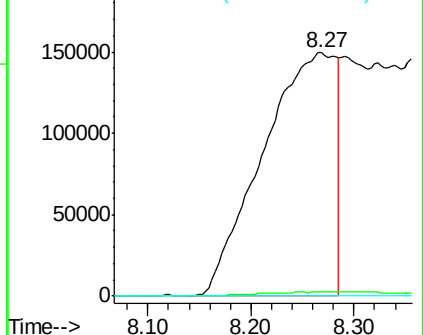


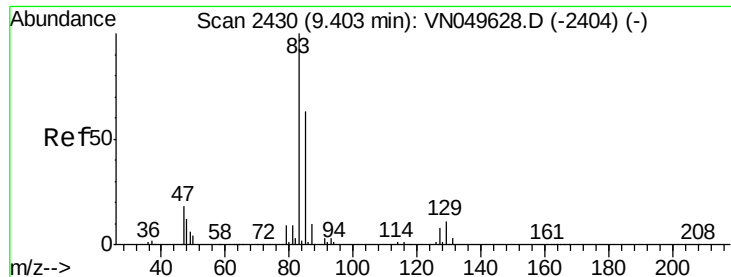
#43
Isopropyl Acetate
Concen: 28.15 ug/l
RT: 8.27 min Scan# 2077
Delta R.T. 0.10 min
Lab File: VN049728.D
Acq: 5 Jul 2018 21:44

Tgt Ion: 43 Resp: 732513
Ion Ratio Lower Upper
43 100
61 0.0 14.9 22.3#
87 0.0 10.0 15.0#



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





#47

Bromodichloromethane

Concen: 0.47 ug/l

RT: 9.41 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VN049728.D

Acq: 5 Jul 2018 21:44

Instrument :
MSVOA_N
ClientSampleId :

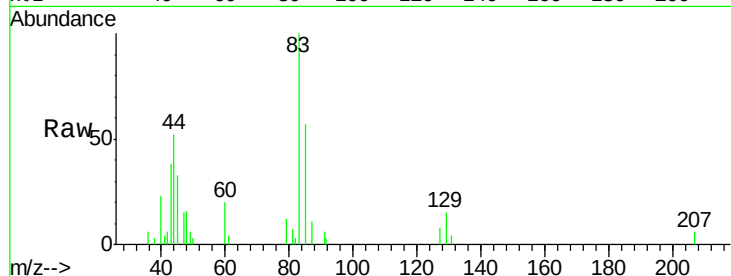
Tot Ion: 83 Resp: 10572

Ion Ratio Lower Upper

83 100

85 57.1 50.5 75.7

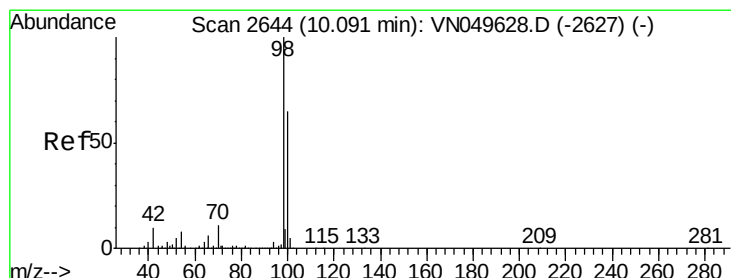
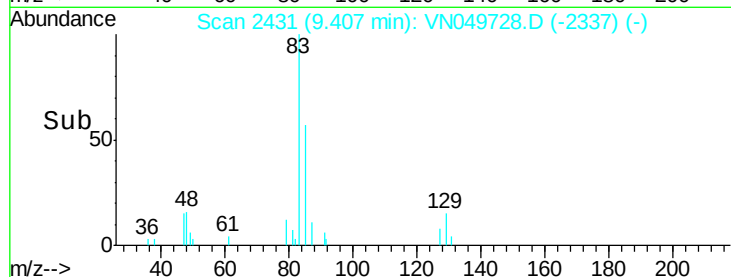
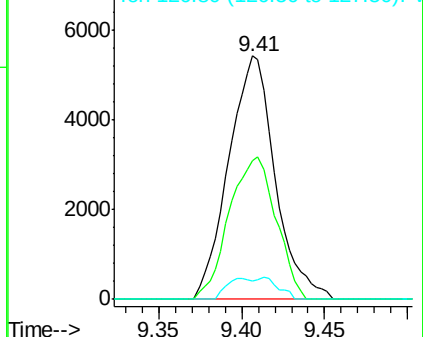
127 7.8 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN049728.D (-2337) (-)

Ion 84.90 (84.60 to 85.60): VN049728.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN049728.D (-2337) (-)



#50

Toluene-d8

Concen: 45.11 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049728.D

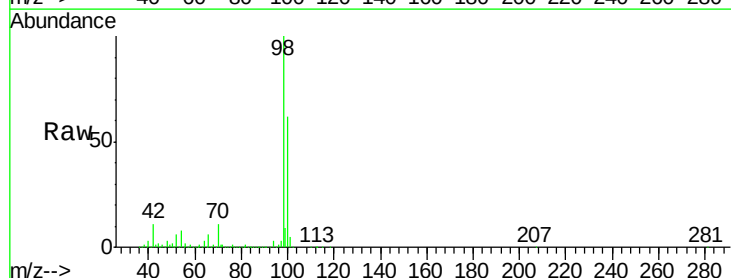
Acq: 5 Jul 2018 21:44

Tgt Ion: 98 Resp: 2612809

Ion Ratio Lower Upper

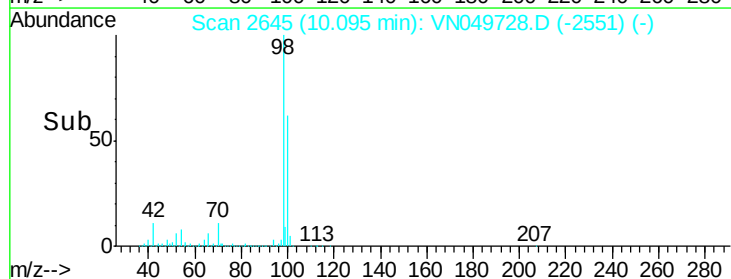
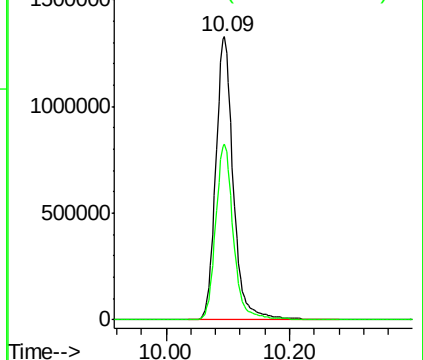
98 100

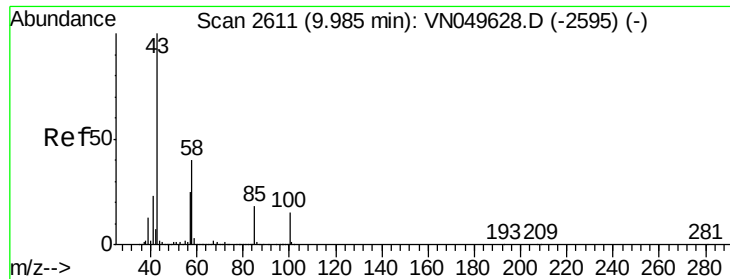
100 62.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN049728.D (-2551) (-)

Ion 100.00 (99.70 to 100.70): VN049728.D (-2551) (-)

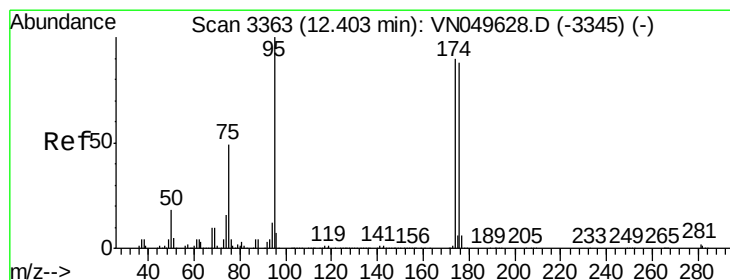
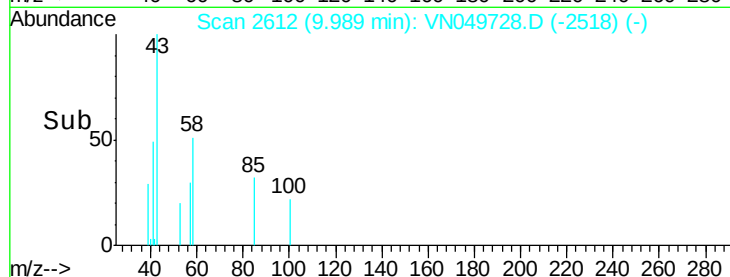
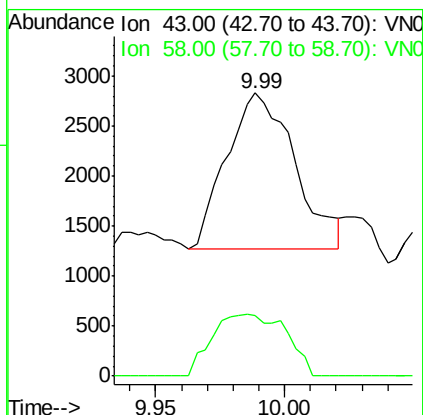
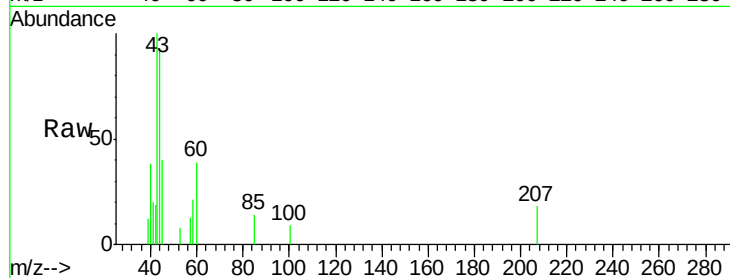




#51
4-Methyl-2-Pentanone
Concen: 0.23 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN049728.D
Acq: 5 Jul 2018 21:44

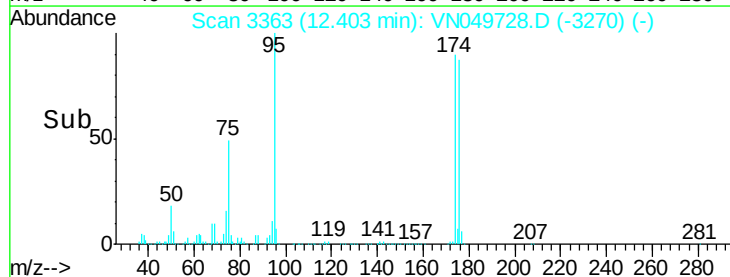
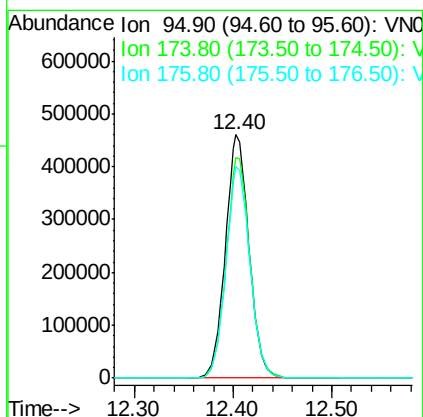
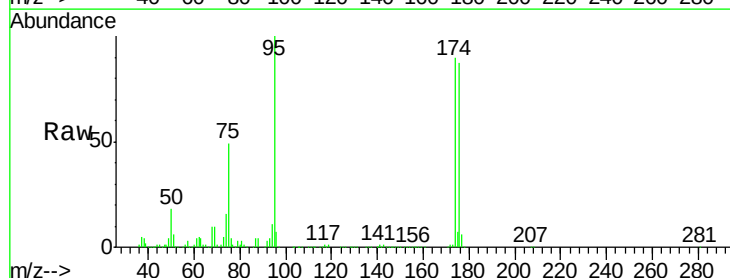
Instrument :
MSVOA_N
ClientSampled :

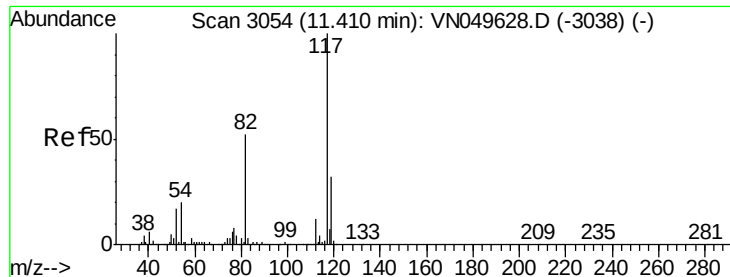
Tot Ion: 43 Resp: 2870
Ion Ratio Lower Upper
43 100
58 43.0 31.8 47.8



#62
4-Bromofluorobenzene
Concen: 39.05 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049728.D
Acq: 5 Jul 2018 21:44

Tgt Ion: 95 Resp: 772225
Ion Ratio Lower Upper
95 100
174 91.7 0.0 179.6
176 87.9 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: VN049728.D

Acq: 5 Jul 2018 21:44

Instrument :

MSVOA_N

ClientSampled :

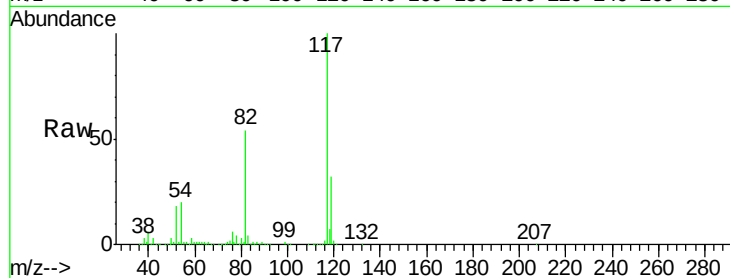
Tot Ion:117 Resp: 1630697

Ion Ratio Lower Upper

117 100

82 53.6 41.9 62.9

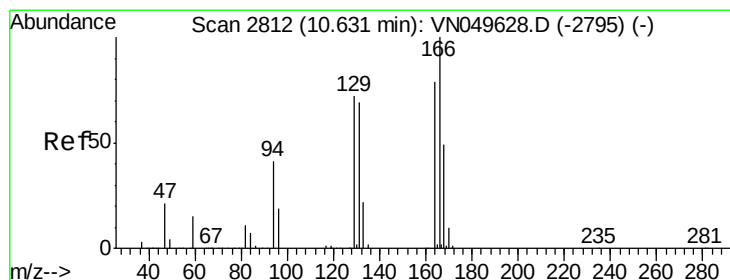
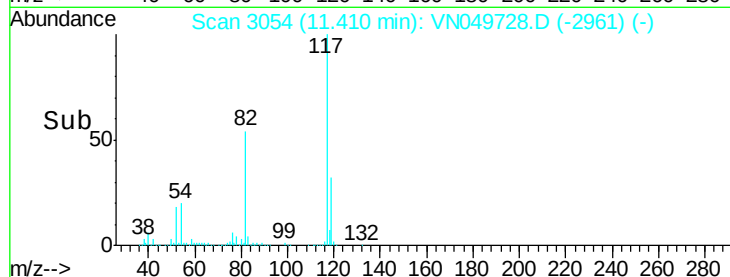
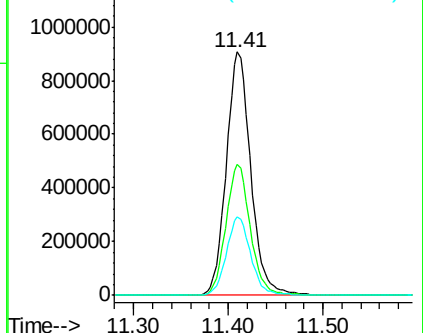
119 32.2 25.4 38.2



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



#64

Tetrachloroethene

Concen: 0.20 ug/l

RT: 10.63 min Scan# 2812

Delta R.T. 0.00 min

Lab File: VN049728.D

Acq: 5 Jul 2018 21:44

Tgt Ion:164 Resp: 4471

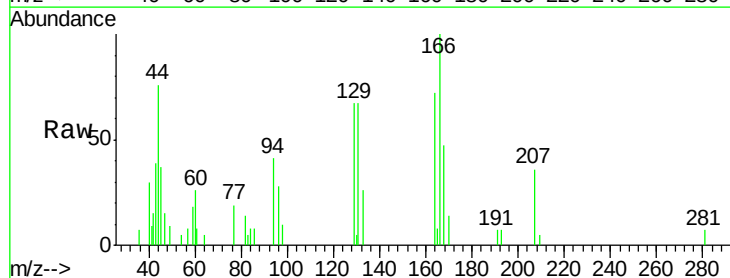
Ion Ratio Lower Upper

164 100

166 138.1 101.8 152.6

129 92.5 72.8 109.2

131 92.4 70.0 105.0

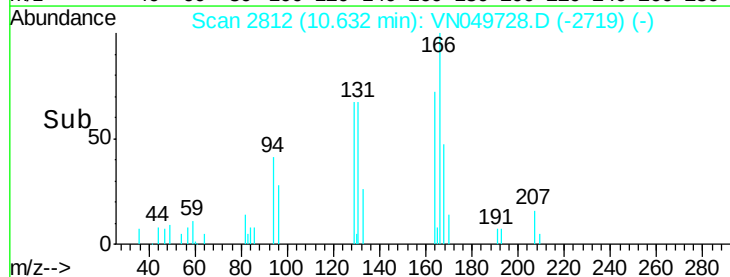
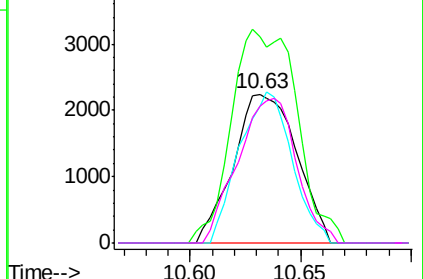


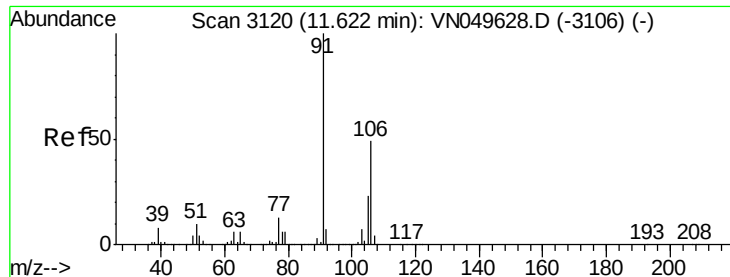
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#68

m/p-Xvlenes

Concen: 0.23 ug/l

RT: 11.62 min Scan# 3119

Delta R.T. -0.00 min

Lab File: VN049728.D

Acq: 5 Jul 2018 21:44

Instrument :

MSVOA_N

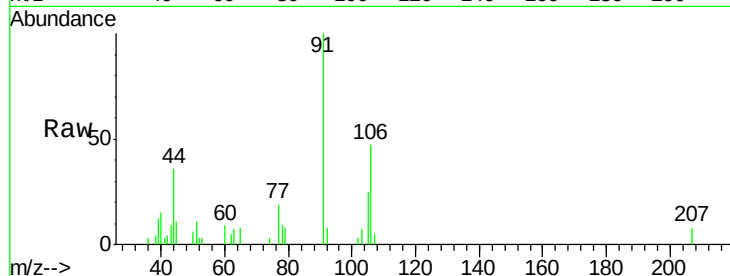
ClientSampled :

Tot Ion:106 Resp: 6215

Ion Ratio Lower Upper

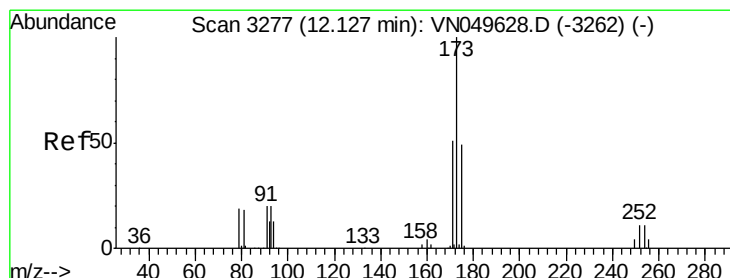
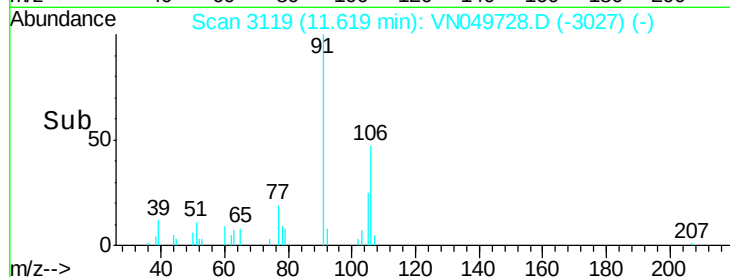
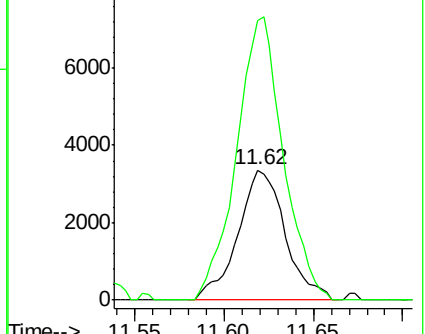
106 100

91 215.5 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#71

Bromoform

Concen: 0.66 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.28 min

Lab File: VN049728.D

Acq: 5 Jul 2018 21:44

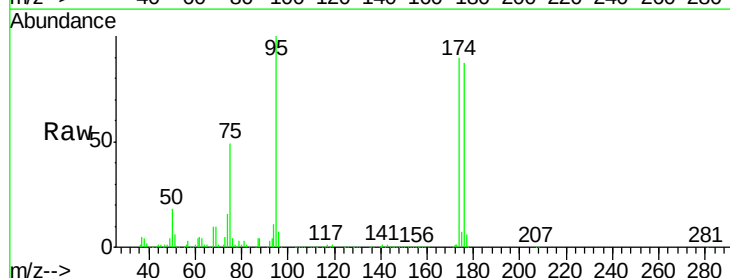
Tgt Ion:173 Resp: 6745

Ion Ratio Lower Upper

173 100

175 639.7 24.6 73.8#

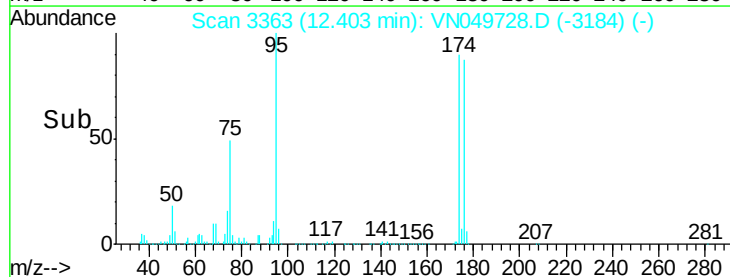
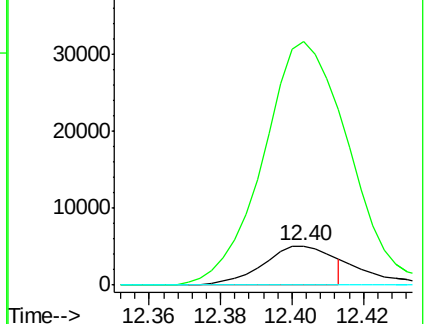
254 0.0 0.2 0.2#

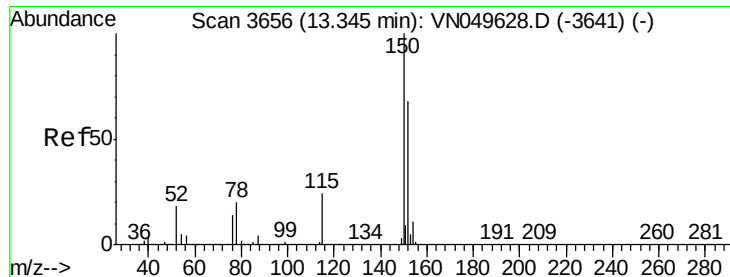


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V

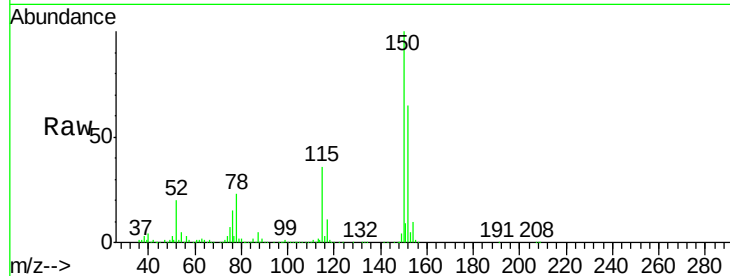




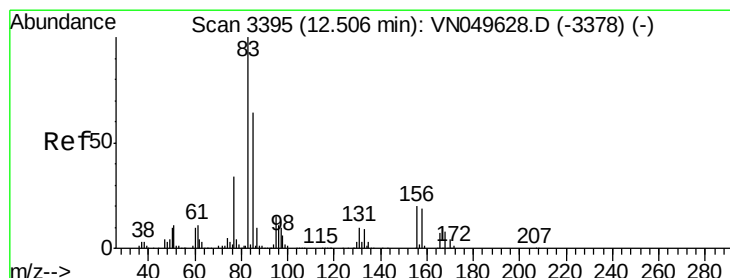
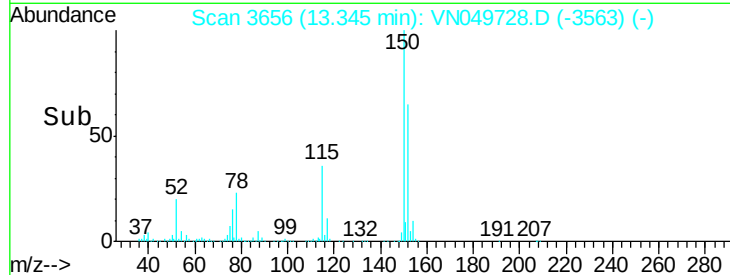
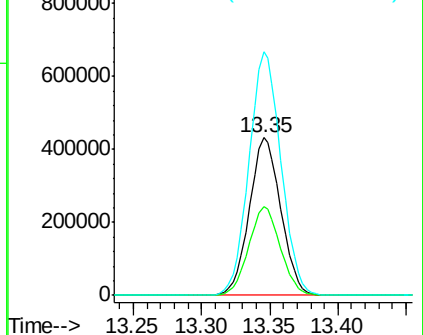
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.35 min Scan# 3656
 Delta R.T. 0.00 min
 Lab File: VN049728.D
 Acq: 5 Jul 2018 21:44

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:152 Resp: 691898
 Ion Ratio Lower Upper
 152 100
 115 56.6 28.1 84.2
 150 156.9 0.0 347.6

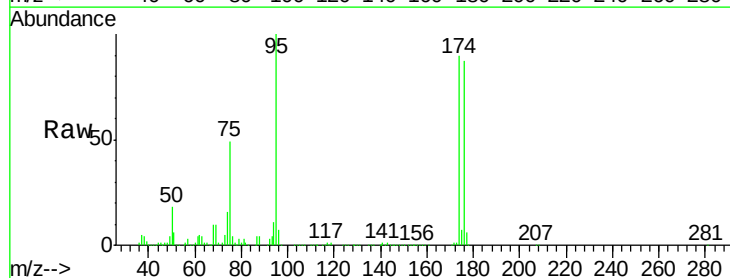


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

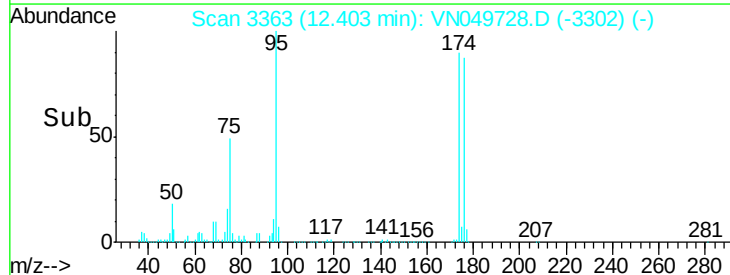
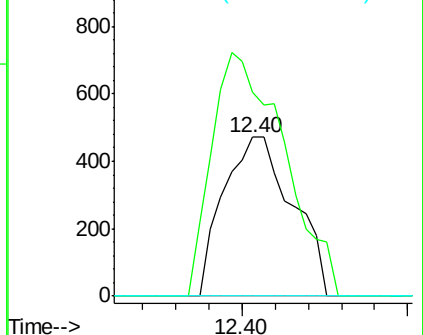


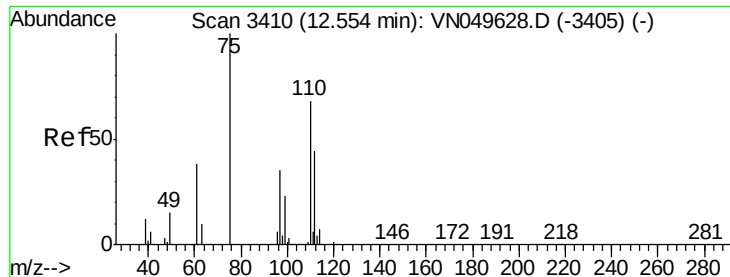
#75
 1,1,2,2-Tetrachloroethane
 Concen: Below Cal
 RT: 12.40 min Scan# 3363
 Delta R.T. -0.10 min
 Lab File: VN049728.D
 Acq: 5 Jul 2018 21:44

Tgt Ion: 83 Resp: 684
 Ion Ratio Lower Upper
 83 100
 131 160.4 5.2 15.6#
 85 0.0 32.5 97.4#



Abundance Ion 82.90 (82.60 to 83.60): VNO
 Ion 130.80 (130.50 to 131.50): V
 Ion 84.90 (84.60 to 85.60): VNO





#76

1,2,3-Trichloropropane

Concen: 34.44 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049728.D

Acq: 5 Jul 2018 21:44

Instrument :

MSVOA_N

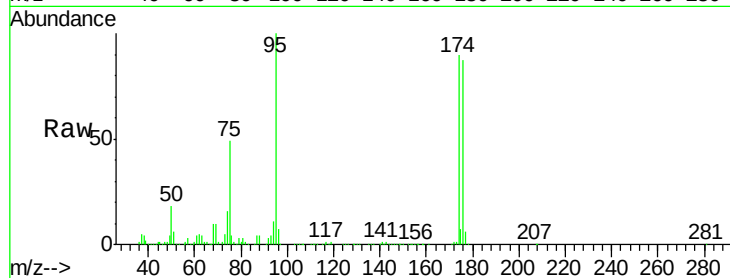
ClientSampled :

Tot Ion: 75 Resp: 382178

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.40

200000

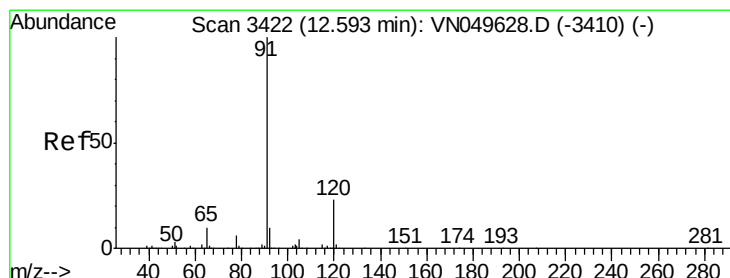
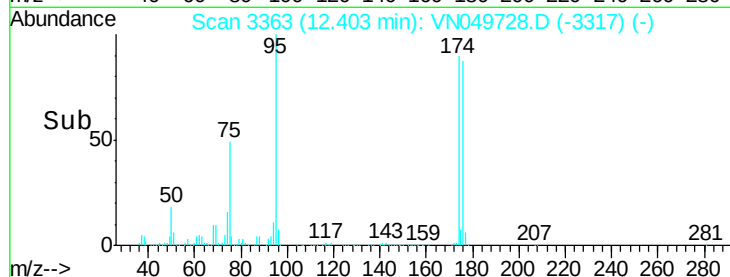
150000

100000

50000

0

Time-->



#78

n-propylbenzene

Concen: 0.25 ug/l

RT: 12.60 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN049728.D

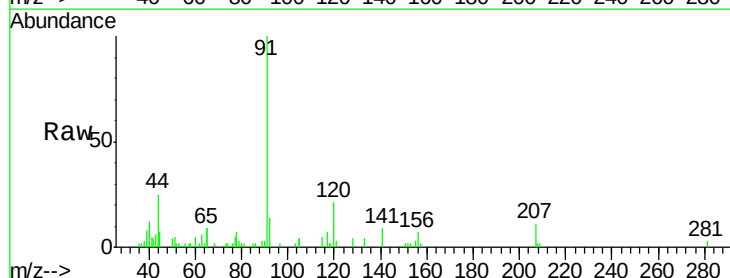
Acq: 5 Jul 2018 21:44

Tgt Ion: 91 Resp: 16084

Ion Ratio Lower Upper

91 100

120 21.2 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

12.60

10000

8000

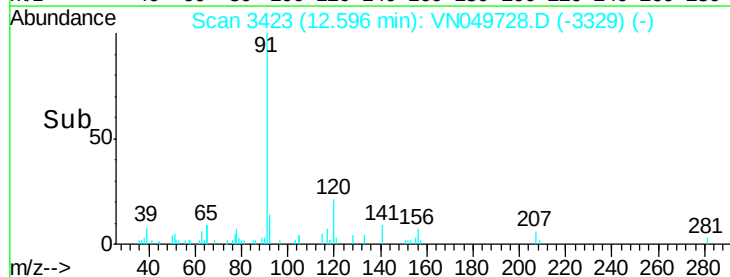
6000

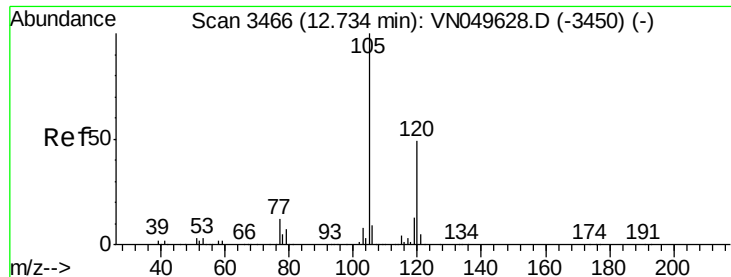
4000

2000

0

Time-->

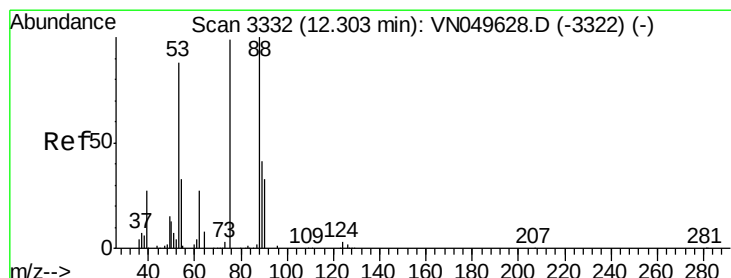
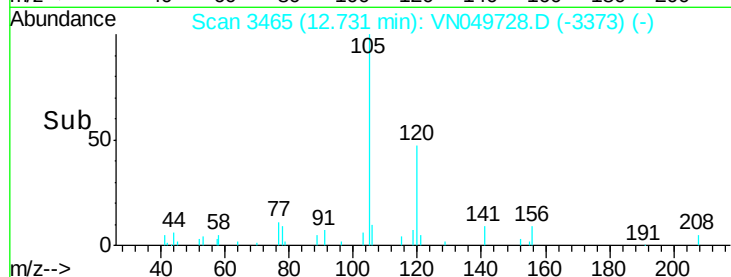
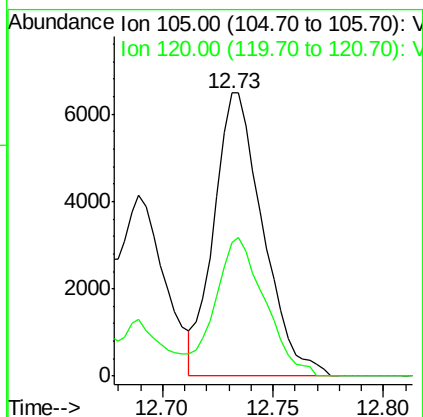
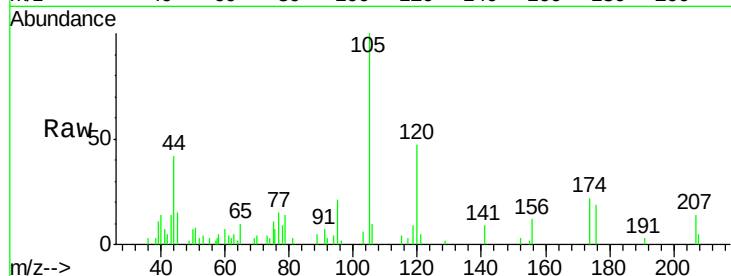




#80
 1,3,5-Trimethylbenzene
 Concen: 0.22 ug/l
 RT: 12.73 min Scan# 3465
 Delta R.T. -0.00 min
 Lab File: VN049728.D
 Acq: 5 Jul 2018 21:44

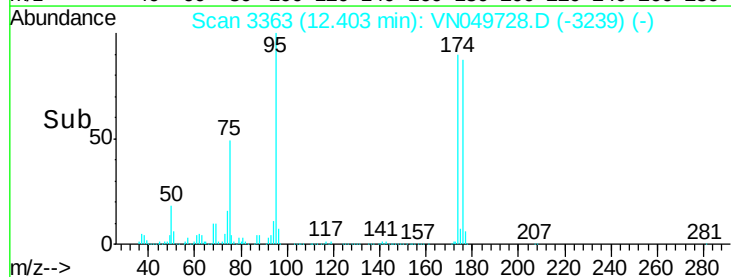
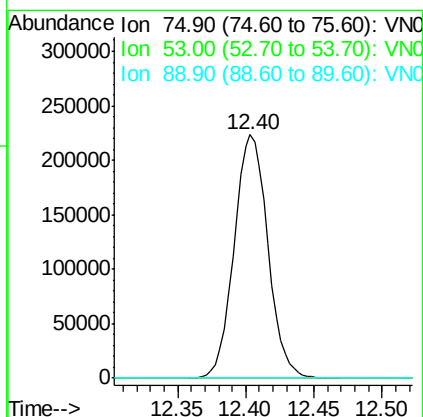
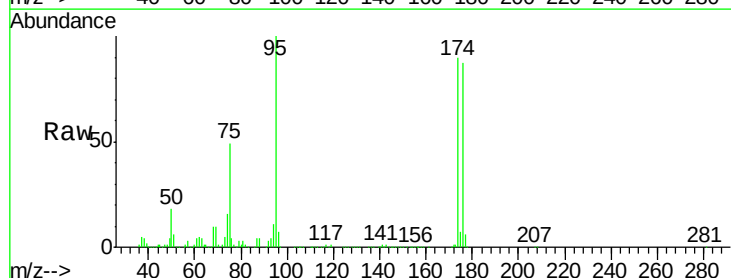
Instrument :
 MSVOA_N
 ClientSampleId :

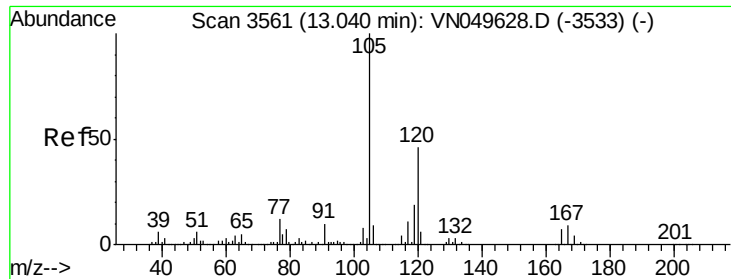
Tot Ion:105 Resp: 9983
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.3 72.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 116.98 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.10 min
 Lab File: VN049728.D
 Acq: 5 Jul 2018 21:44

Tgt Ion: 75 Resp: 382178
 Ion Ratio Lower Upper
 75 100
 53 0.3 73.9 110.9#
 89 0.0 35.9 53.9#

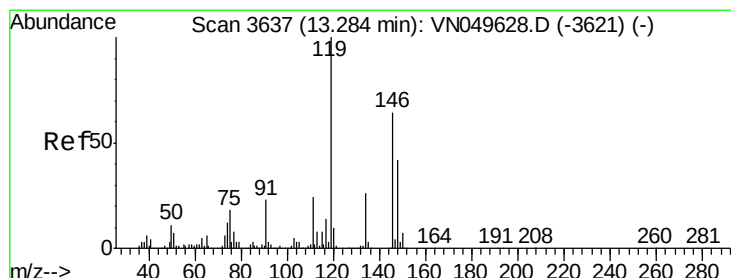
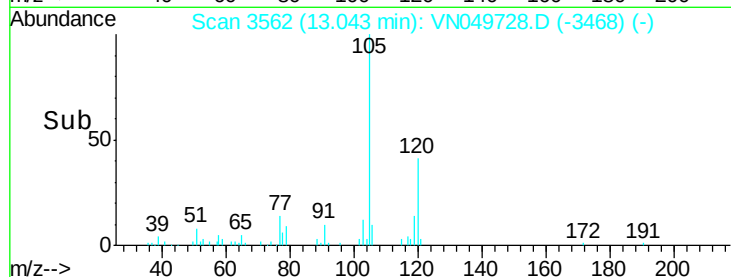
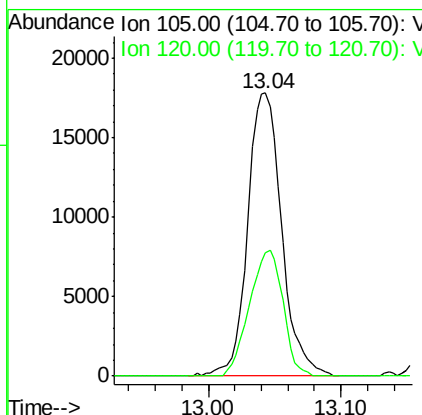
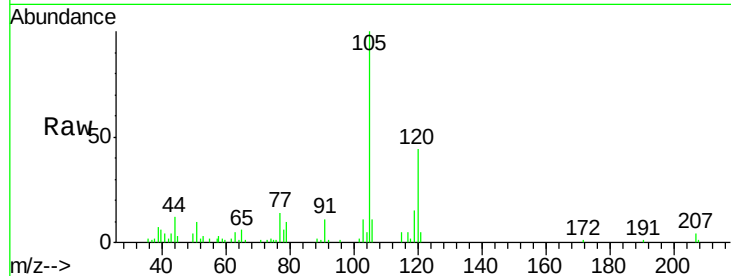




#84
 1,2,4-Trimethylbenzene
 Concen: 0.67 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN049728.D
 Acq: 5 Jul 2018 21:44

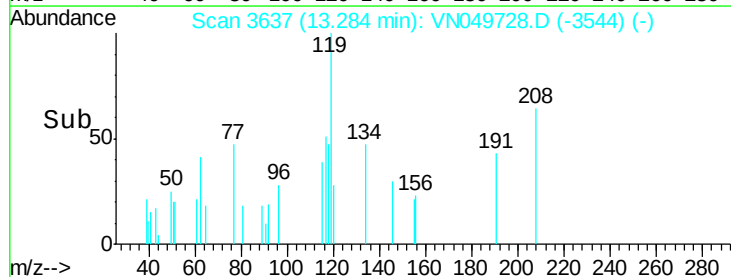
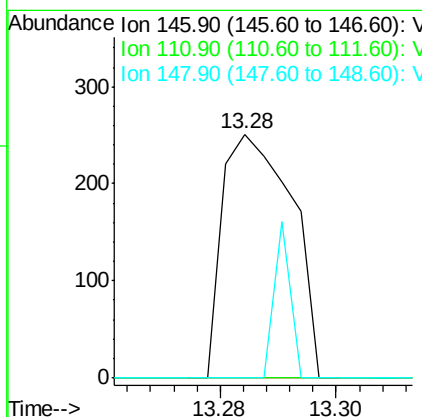
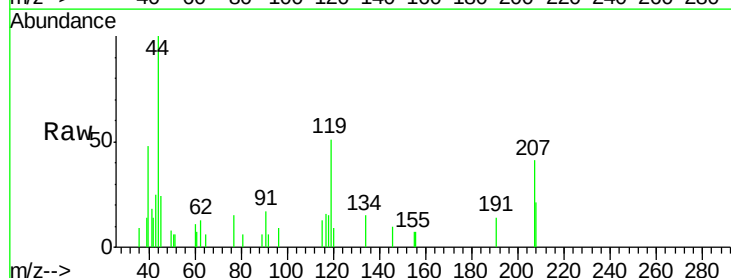
Instrument :
 MSVOA_N
 ClientSampled :

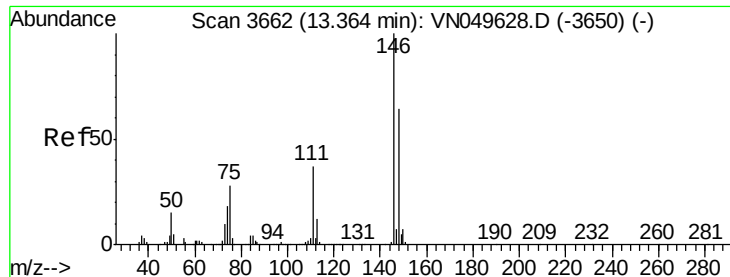
Tot Ion:105 Resp: 31692
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.7 68.1



#87
 1,3-Dichlorobenzene
 Concen: Below Cal
 RT: 13.28 min Scan# 3637
 Delta R.T. 0.00 min
 Lab File: VN049728.D
 Acq: 5 Jul 2018 21:44

Tgt Ion:146 Resp: 207
 Ion Ratio Lower Upper
 146 100
 111 0.0 19.0 57.0#
 148 0.0 32.5 97.5#

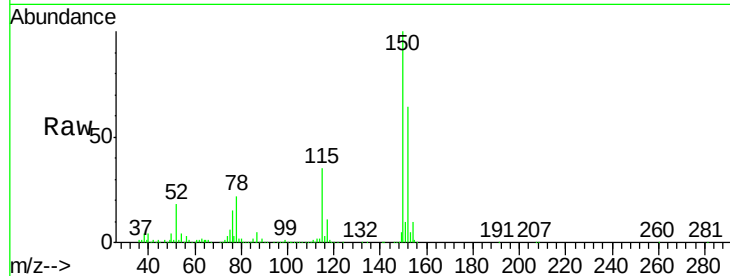




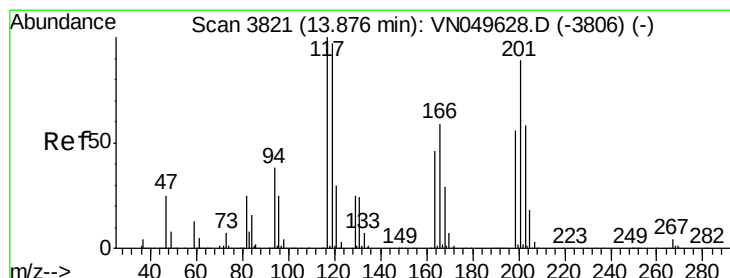
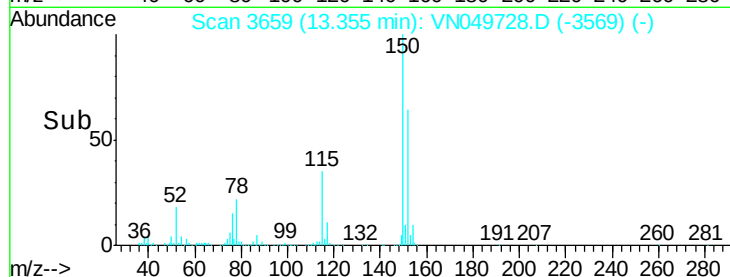
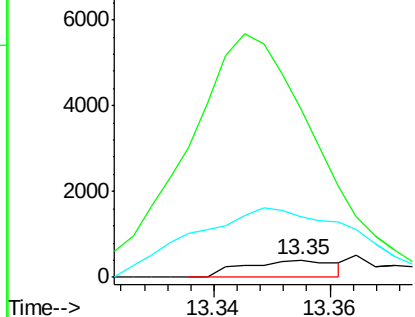
#88
 1,4-Dichlorobenzene
 Concen: Below Cal
 RT: 13.35 min Scan# 3659
 Delta R.T. -0.01 min
 Lab File: VN049728.D
 Acq: 5 Jul 2018 21:44

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:146 Resp: 434
 Ion Ratio Lower Upper
 146 100
 111 2074.7 18.9 56.5#
 148 735.3 32.1 96.3#

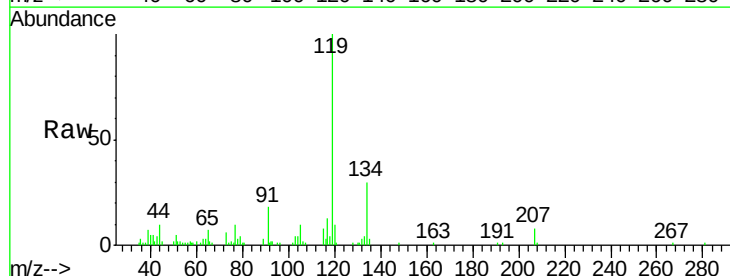


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

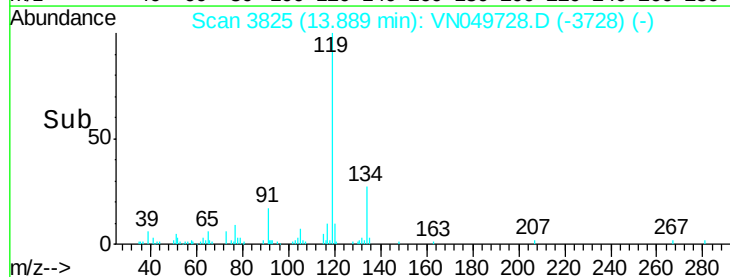
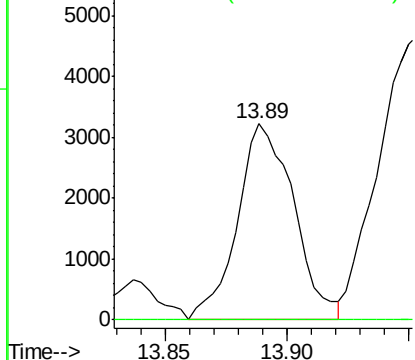


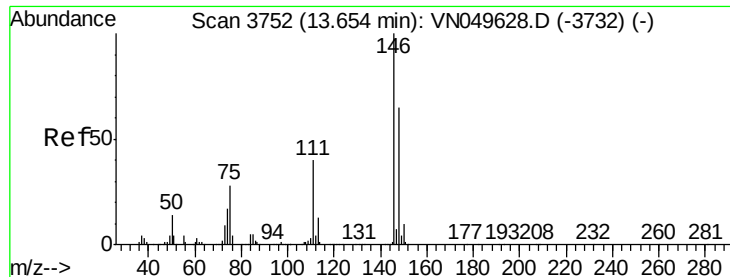
#90
 Hexachloroethane
 Concen: 1.09 ug/l
 RT: 13.89 min Scan# 3825
 Delta R.T. 0.01 min
 Lab File: VN049728.D
 Acq: 5 Jul 2018 21:44

Tgt Ion:117 Resp: 5177
 Ion Ratio Lower Upper
 117 100
 201 0.0 45.3 135.8#



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

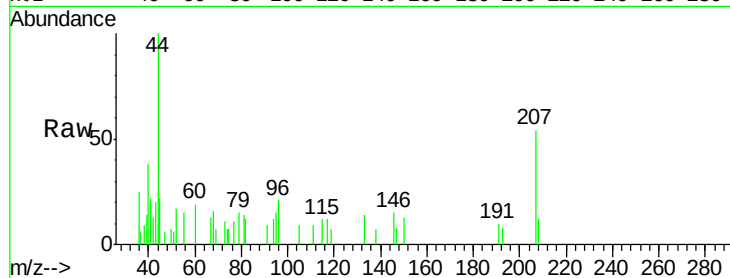




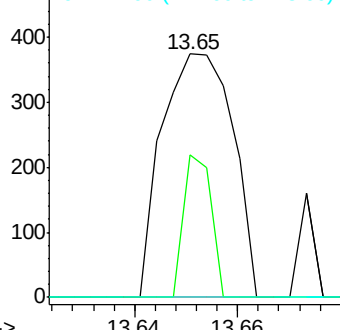
#91
 1,2-Dichlorobenzene
 Concen: Below Cal
 RT: 13.65 min Scan# 3751
 Delta R.T. -0.00 min
 Lab File: VN049728.D
 Acq: 5 Jul 2018 21:44

Instrument :
 MSVOA_N
 ClientSampled :

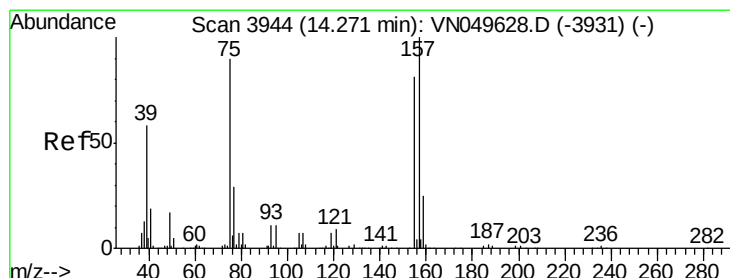
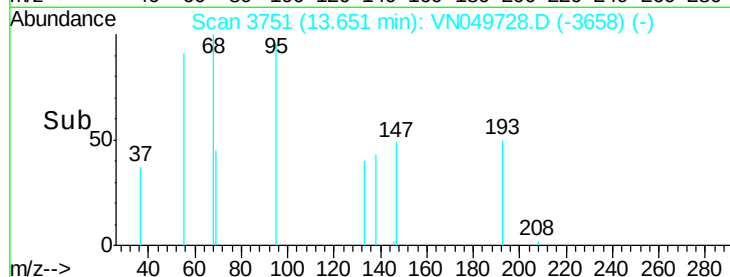
Tot Ion	Ratio	Lower	Upper
146	100		
111	0.0	19.7	59.1#
148	0.0	32.0	96.2#



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

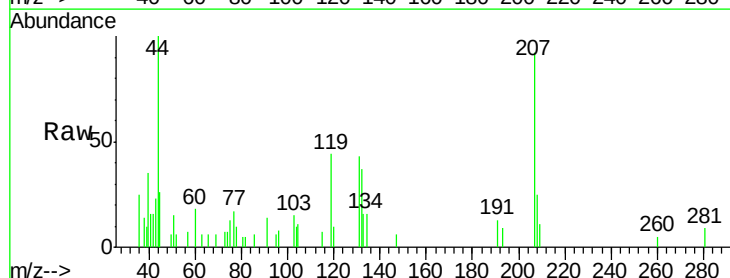


Time-->

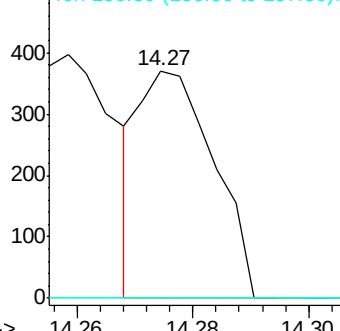


#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.27 min Scan# 3945
 Delta R.T. 0.00 min
 Lab File: VN049728.D
 Acq: 5 Jul 2018 21:44

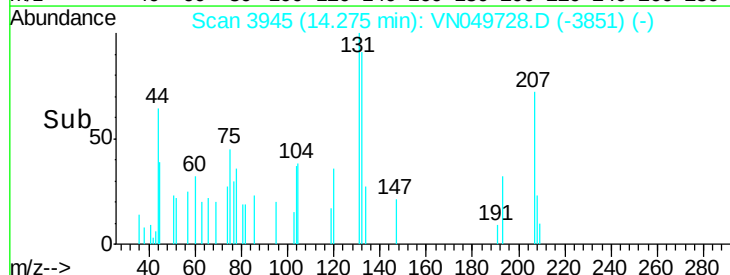
Tgt Ion	Ratio	Lower	Upper
75	100		
155	0.0	45.7	137.1#
157	0.0	56.9	170.7#

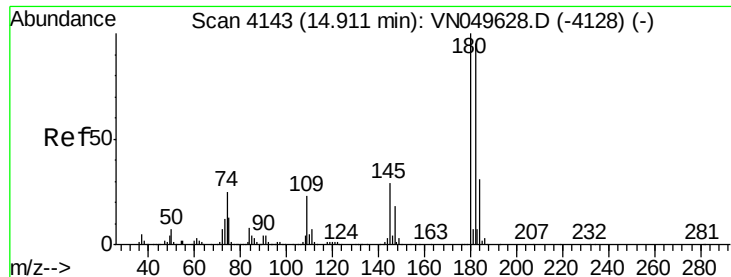


Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V



Time-->





#93

1,2,4-Trichlorobenzene

Concen: 2.52 ug/l

RT: 14.91 min Scan# 4143

Delta R.T. 0.00 min

Lab File: VN049728.D

Acq: 5 Jul 2018 21:44

Instrument :

MSVOA_N

ClientSampleId :

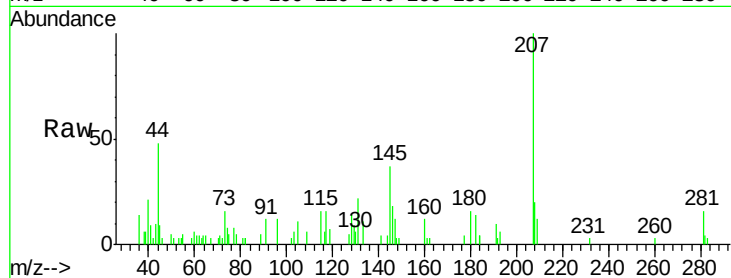
Tot Ion:180 Resp: 1528

Ion Ratio Lower Upper

180 100

182 98.0 47.3 141.9

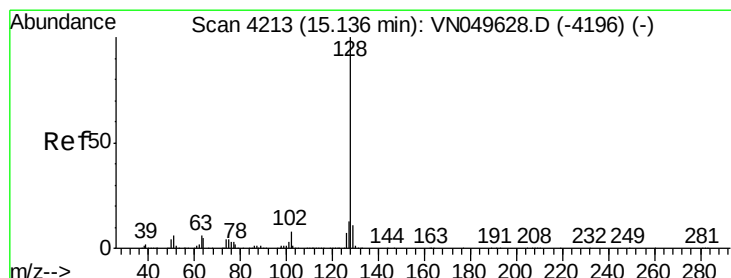
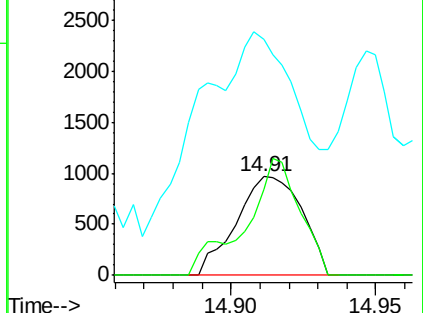
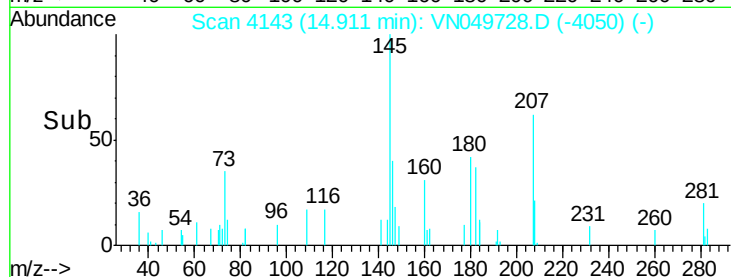
145 316.8 14.4 43.0#



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



#95

Naphthalene

Concen: 28.61 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049728.D

Acq: 5 Jul 2018 21:44

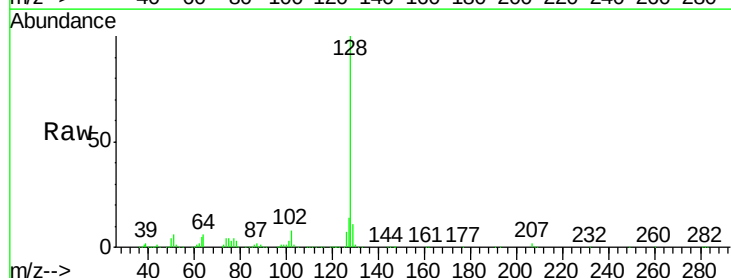
Tgt Ion:128 Resp: 751060

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

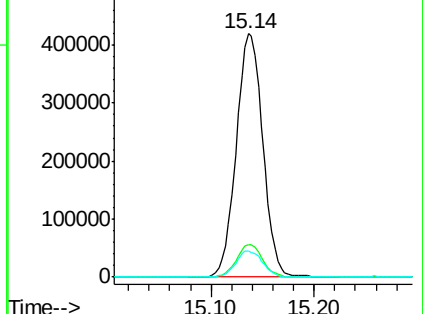
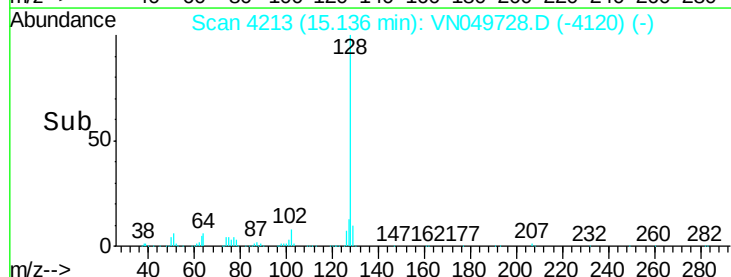
129 10.6 8.6 13.0

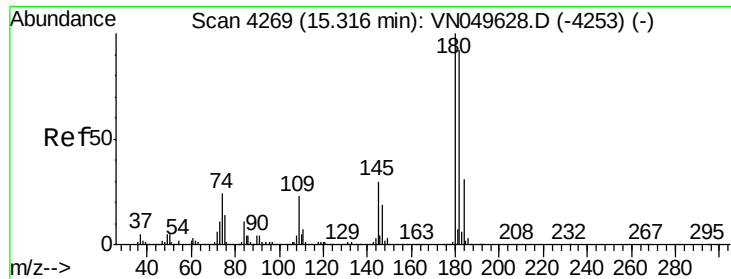


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

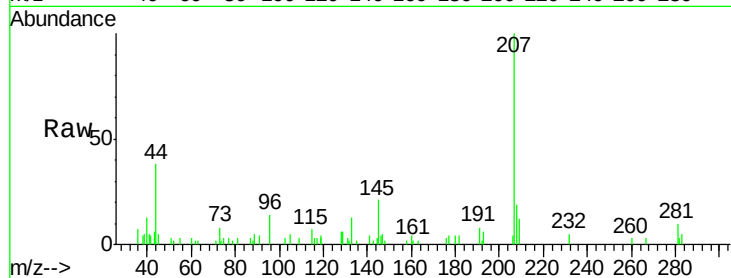




#96
 1,2,3-Trichlorobenzene
 Concen: 1.67 ug/l
 RT: 15.32 min Scan# 4271
 Delta R.T. 0.01 min
 Lab File: VN049728.D
 Acq: 5 Jul 2018 21:44

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	141.6	47.4	142.2
145	0.0	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

