

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070218\
 Data File : VN049675.D
 Acq On : 2 Jul 2018 17:45
 Operator : MD\SY
 Sample : PB110744 ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110744 ZHE#02

Quant Time: Jul 03 03:48:58 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	1398124	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2259933	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1887845	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	759662	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	946442	51.26	ug/l	0.00
Spiked Amount			Recovery	=	102.52%	
35) Dibromofluoromethane	7.59	113	788281	46.66	ug/l	0.00
Spiked Amount			Recovery	=	93.32%	
50) Toluene-d8	10.09	98	3026839	45.77	ug/l	0.00
Spiked Amount			Recovery	=	91.54%	
62) 4-Bromofluorobenzene	12.40	95	905433	40.10	ug/l	0.00
Spiked Amount			Recovery	=	80.20%	

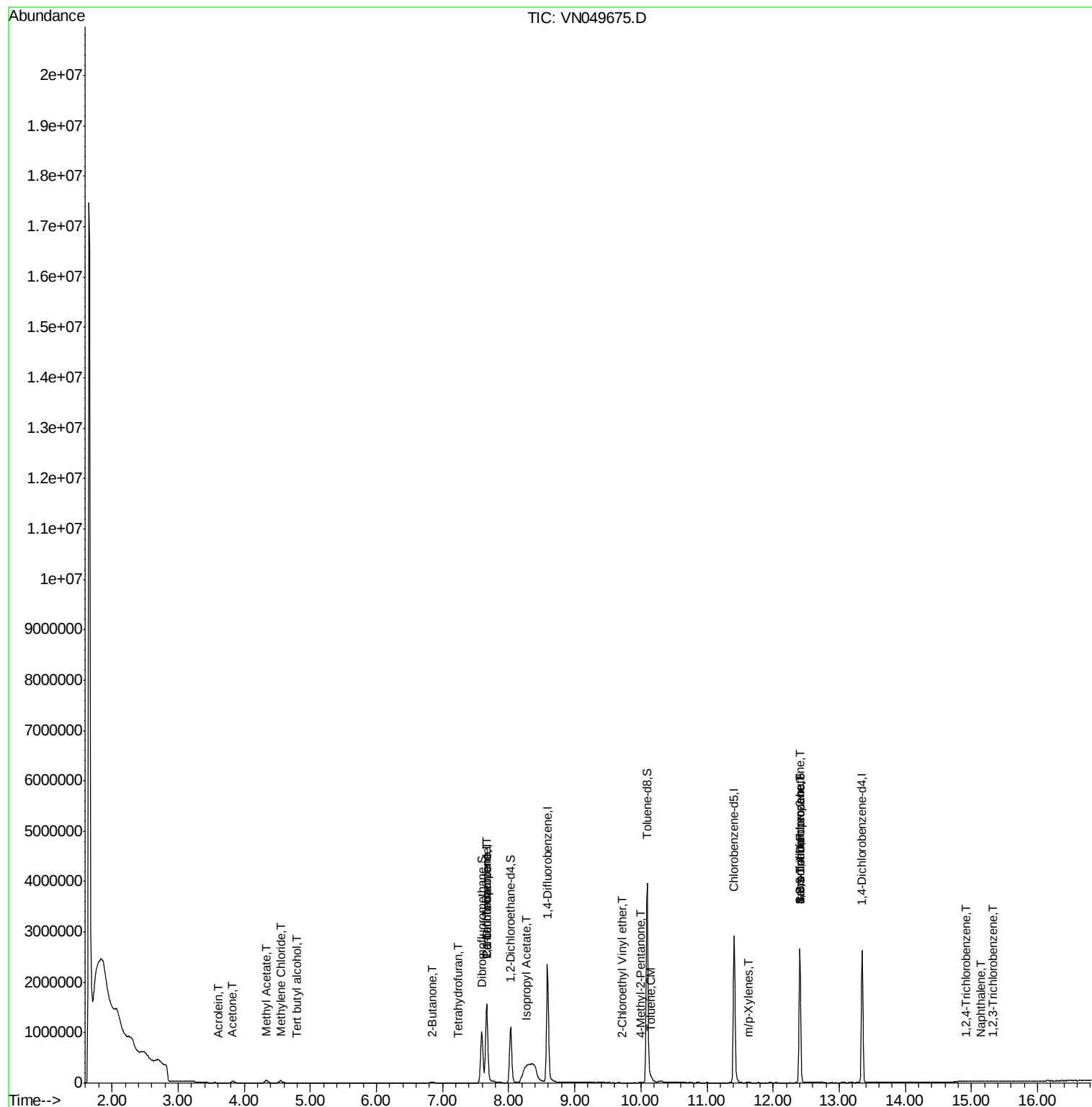
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.78	59	292	0.28	ug/l #	72
13) Acrolein	3.60	56	668	0.67	ug/l #	44
16) Acetone	3.82	43	54226	6.85	ug/l	95
17) Carbon Disulfide	4.04	76	2595	Below Cal	#	75
18) Methyl Acetate	4.33	43	106547	1.20	ug/l	100
20) Methylene Chloride	4.55	84	32321	1.70	ug/l	96
25) 2-Butanone	6.85	43	8377	1.37	ug/l	90
29) Tetrahydrofuran	7.23	42	2924	0.75	ug/l #	84
36) 1,1-Dichloropropene	7.67	75	95513	3.76	ug/l #	49
38) Carbon Tetrachloride	7.67	117	120878	4.89	ug/l #	17
43) Isopropyl Acetate	8.26	43	389956	12.81	ug/l #	62
51) 4-Methyl-2-Pentanone	9.99	43	3861	0.27	ug/l	92
52) Toluene	10.16	92	18619	0.40	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.71	63	63	10.83	ug/l #	48
68) m/p-Xylenes	11.62	106	6526	0.21	ug/l	98
71) Bromoform	12.40	173	6481	0.55	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.40	83	829	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	442617	36.33	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	442617	123.39	ug/l #	13
87) 1,3-Dichlorobenzene	13.28	146	663	Below Cal	#	49
88) 1,4-Dichlorobenzene	13.36	146	938	Below Cal	#	25
91) 1,2-Dichlorobenzene	13.66	146	582	Below Cal	#	25
92) 1,2-Dibromo-3-Chloropropan	14.28	75	66	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.91	180	260	2.42	ug/l #	51
95) Naphthalene	15.14	128	2802	4.12	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.33	180	488	1.68	ug/l #	40

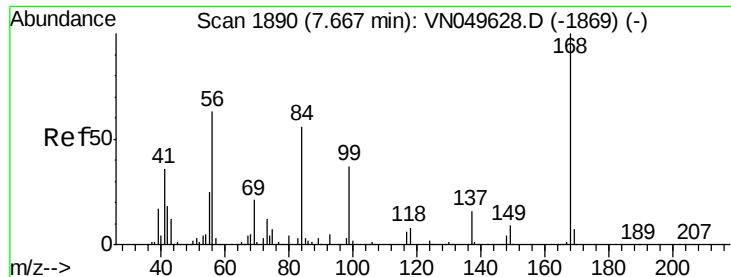
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN070218\
Data File : VN049675.D
Acq On : 2 Jul 2018 17:45
Operator : MD\SY
Sample : PB110744 ZHE#02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB110744 ZHE#02

Quant Time: Jul 03 03:48:58 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 30 00:55:30 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049675.D

Acq: 2 Jul 2018 17:45

Instrument :

MSVOA_N

ClientSampleId :

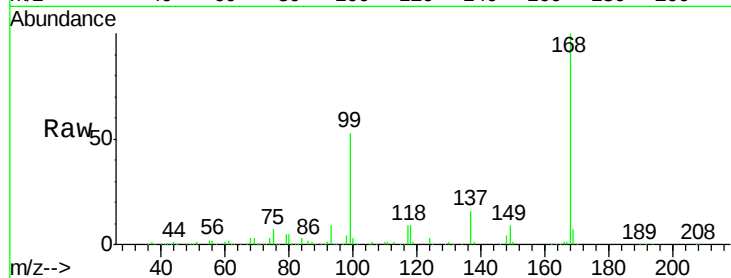
PB110744 ZHE#02

Tot Ion:168 Resp: 1398124

Ion Ratio Lower Upper

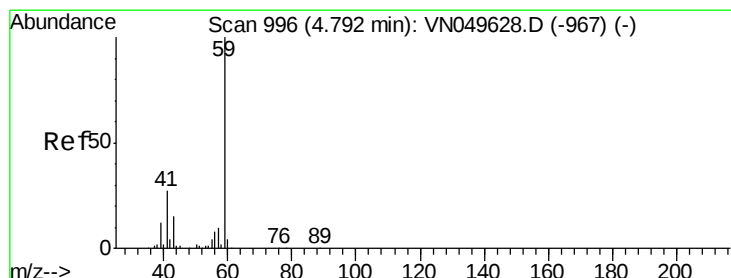
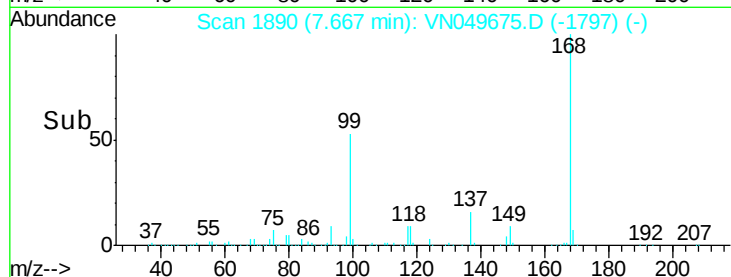
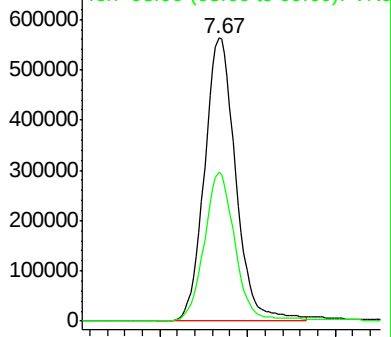
168 100

99 52.7 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#11

Tert butyl alcohol

Concen: 0.28 ug/l

RT: 4.78 min Scan# 993

Delta R.T. -0.01 min

Lab File: VN049675.D

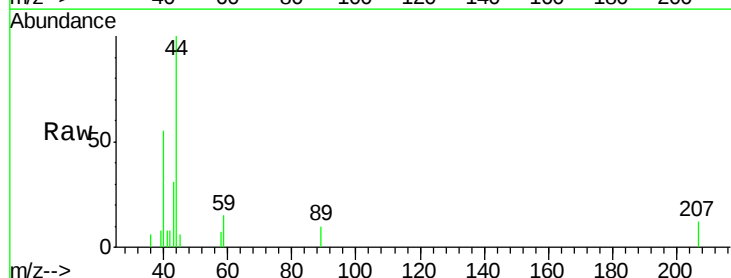
Acq: 2 Jul 2018 17:45

Tgt Ion: 59 Resp: 292

Ion Ratio Lower Upper

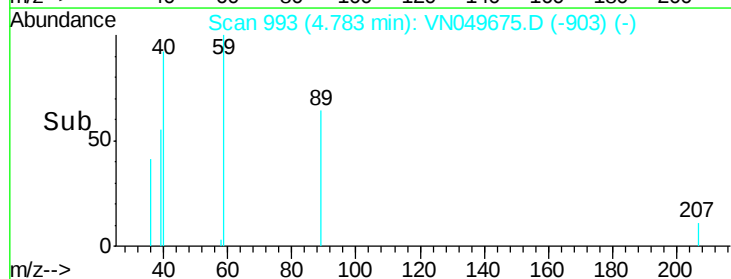
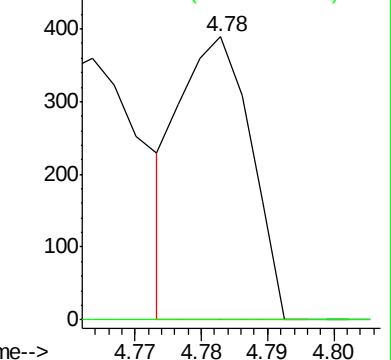
59 100

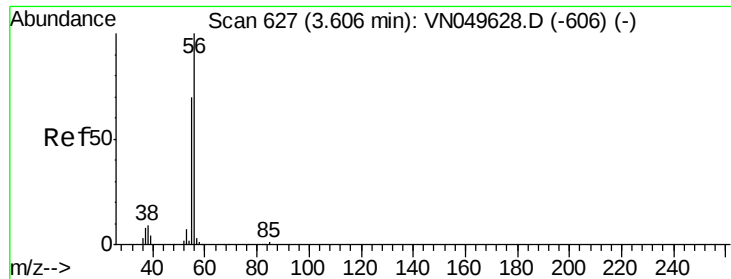
57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

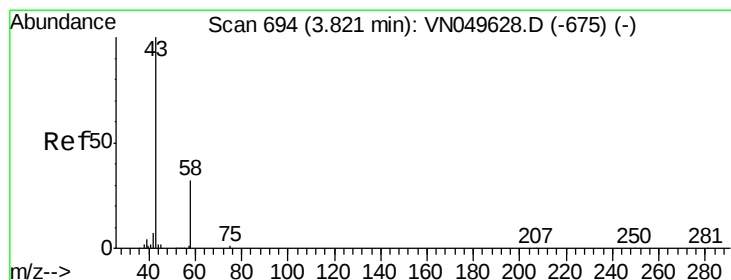
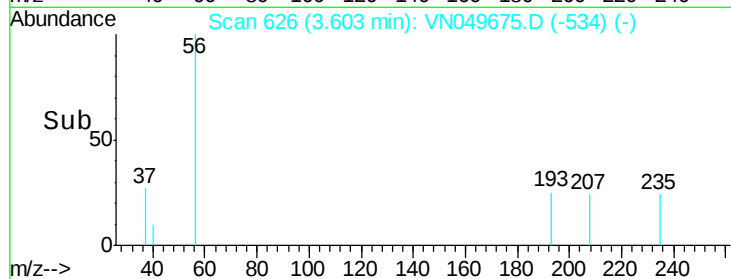
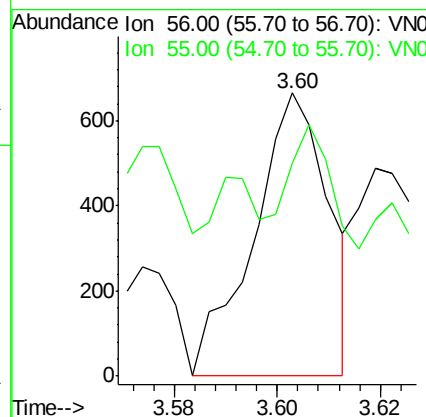
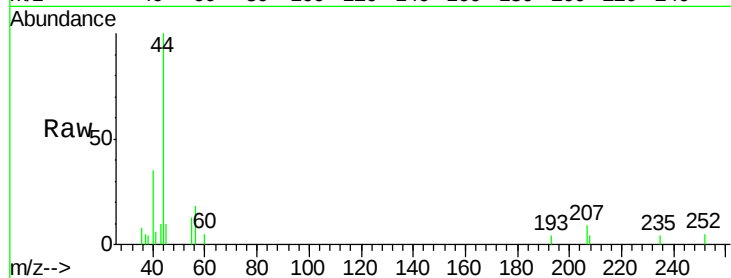




#13
Acrolein
Concen: 0.67 ug/l
RT: 3.60 min Scan# 626
Delta R.T. -0.00 min
Lab File: VN049675.D
Acq: 2 Jul 2018 17:45

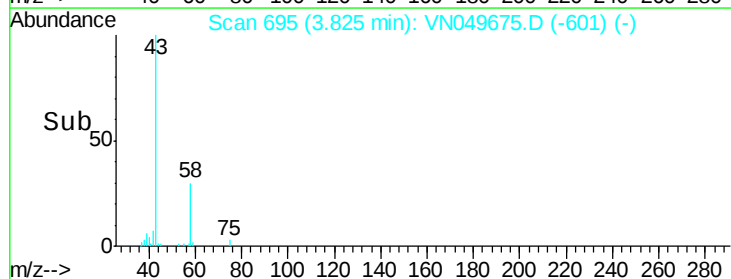
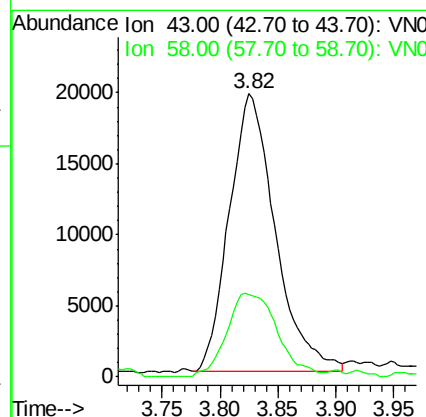
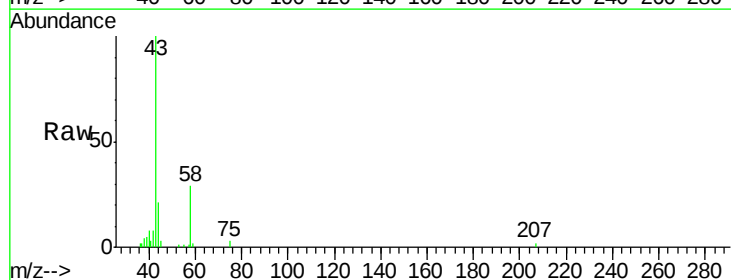
Instrument :
MSVOA_N
ClientSampleId :
PB110744 ZHE#02

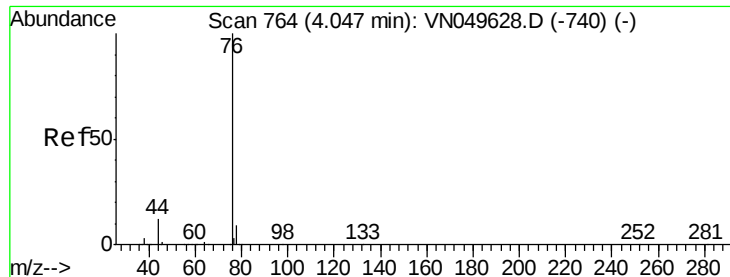
Tot Ion: 56 Resp: 668
Ion Ratio Lower Upper
56 100
55 24.0 55.8 83.8#



#16
Acetone
Concen: 6.85 ug/l
RT: 3.82 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN049675.D
Acq: 2 Jul 2018 17:45

Tgt Ion: 43 Resp: 54226
Ion Ratio Lower Upper
43 100
58 29.8 25.9 38.9

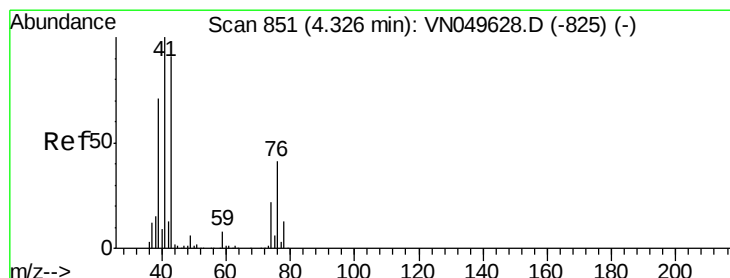
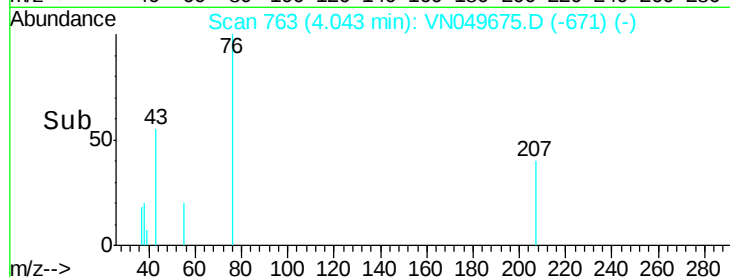
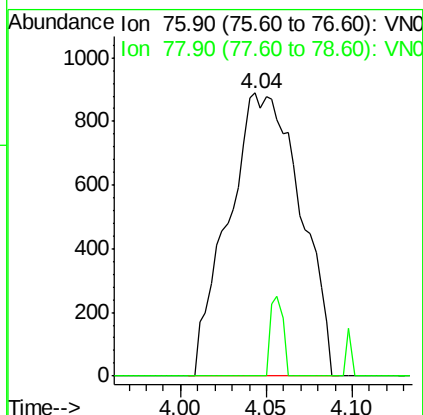
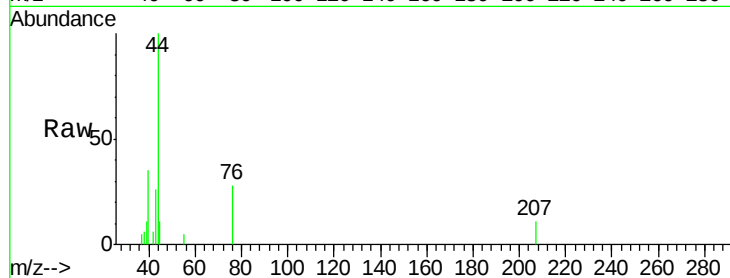




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.04 min Scan# 763
Delta R.T. -0.00 min
Lab File: VN049675.D
Acq: 2 Jul 2018 17:45

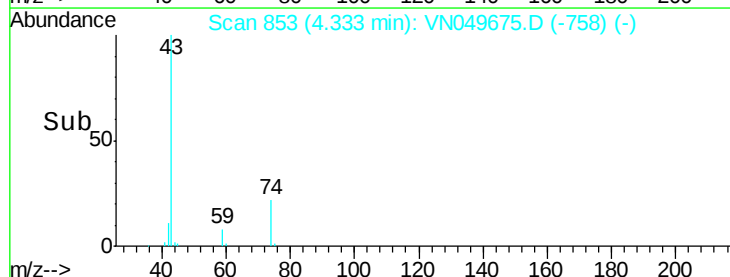
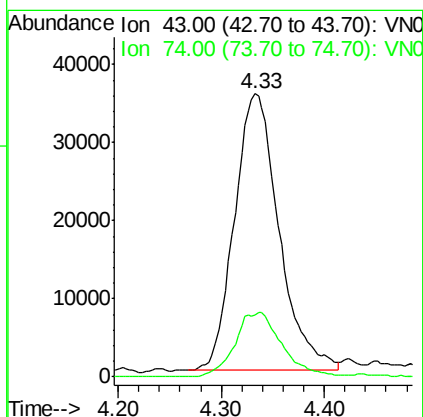
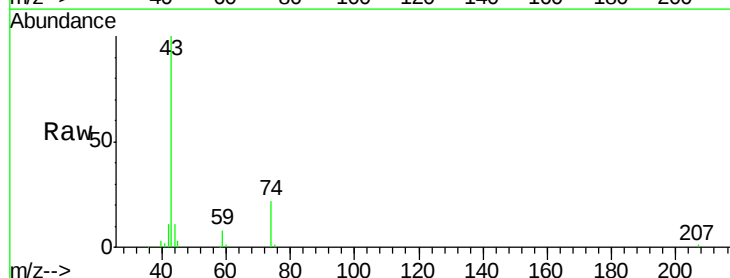
Instrument :
MSVOA_N
ClientSampleId :
PB110744 ZHE#02

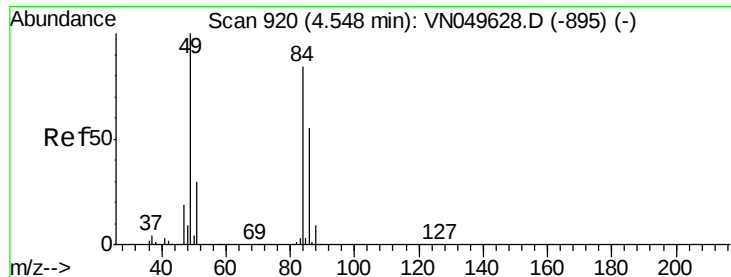
Tot Ion: 76 Resp: 2595
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#



#18
Methyl Acetate
Concen: 1.20 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049675.D
Acq: 2 Jul 2018 17:45

Tgt Ion: 43 Resp: 106547
Ion Ratio Lower Upper
43 100
74 24.6 19.8 29.8

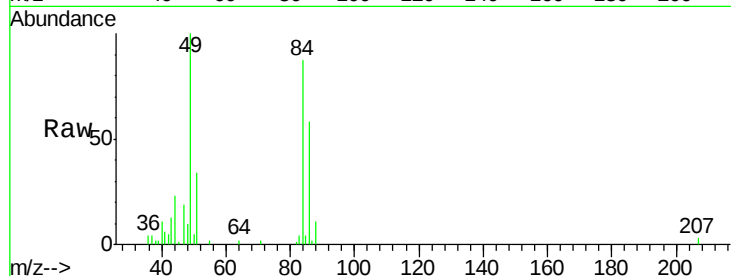




#20
Methvlene Chloride
Concen: 1.70 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.01 min
Lab File: VN049675.D
Acq: 2 Jul 2018 17:45

Instrument :
MSVOA_N
ClientSampleId :
PB110744 ZHE#02

Tot Ion:	84	Resp:	32321
Ion	Ratio	Lower	Upper
84	100		
49	115.4	95.4	143.2
51	39.8	28.4	42.6
86	67.1	52.6	79.0

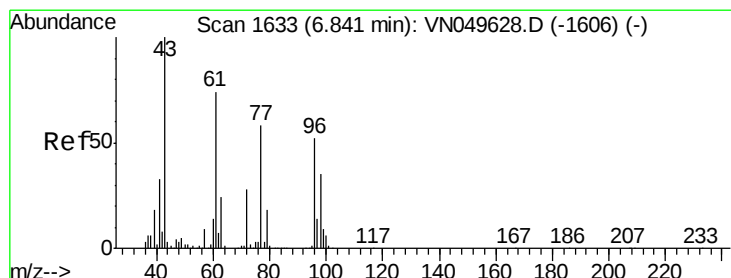
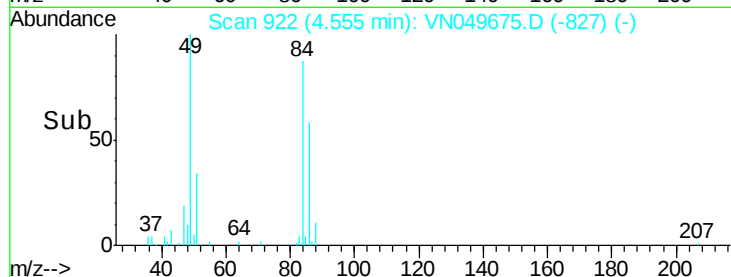
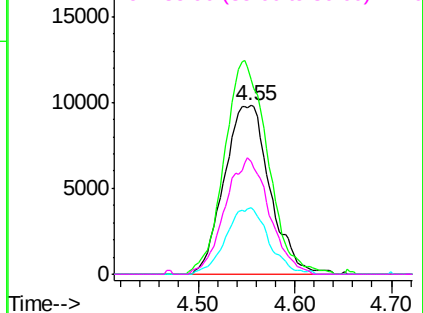


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

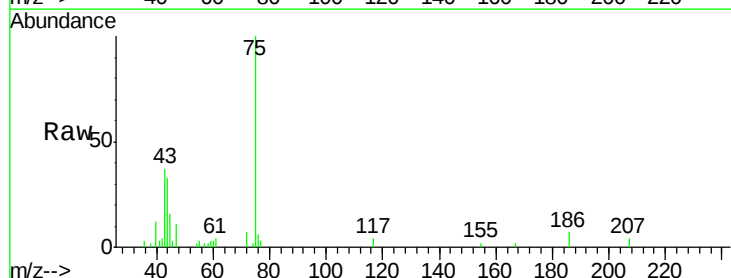
Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



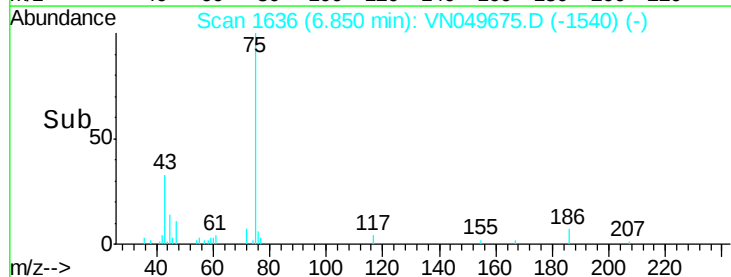
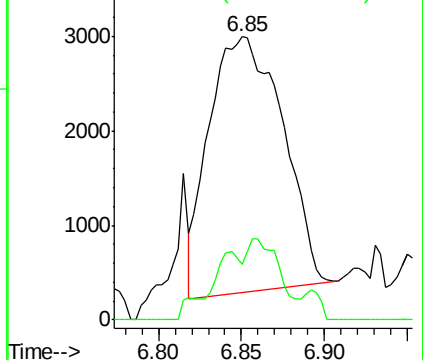
#25
2-Butanone
Concen: 1.37 ug/l
RT: 6.85 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VN049675.D
Acq: 2 Jul 2018 17:45

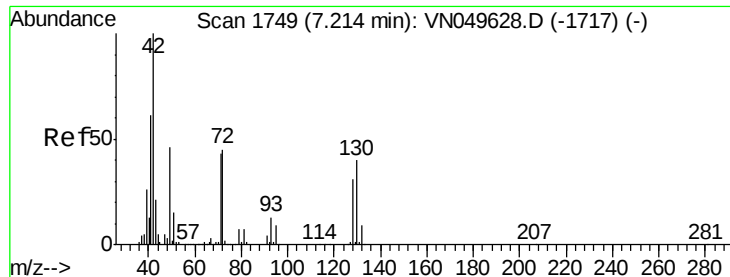
Tgt Ion:	43	Resp:	8377
Ion	Ratio	Lower	Upper
43	100		
72	22.6	22.1	33.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0





#29

Tetrahydrofuran

Concen: 0.75 ug/l

RT: 7.23 min Scan# 1755

Delta R.T. 0.02 min

Lab File: VN049675.D

Acq: 2 Jul 2018 17:45

Instrument :

MSVOA_N

ClientSampleId :

PB110744 ZHE#02

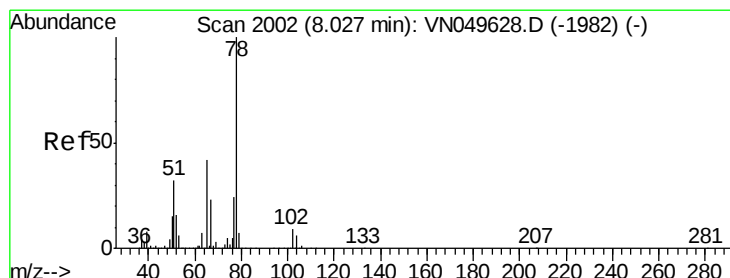
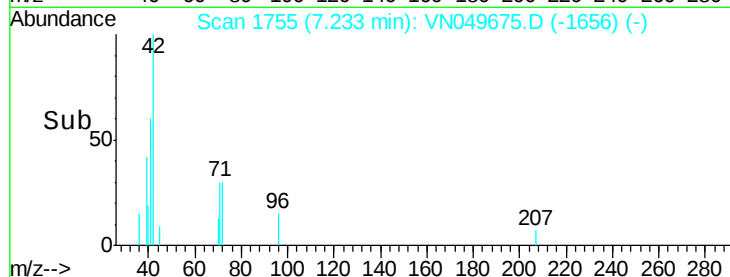
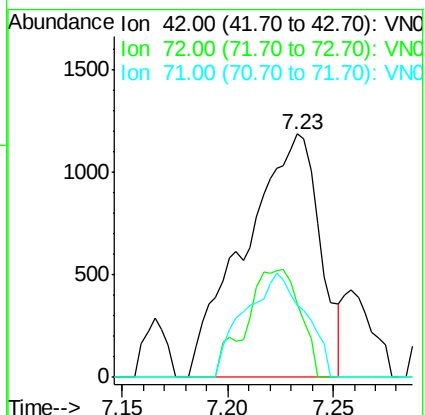
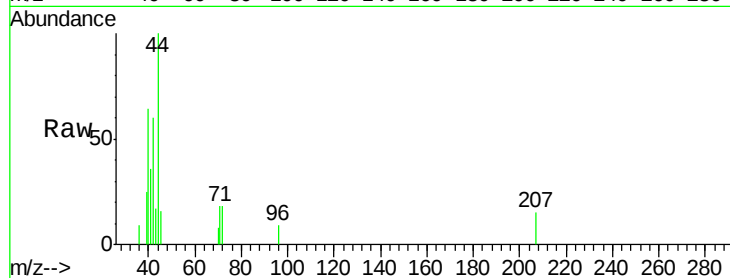
Tot Ion: 42 Resp: 2924

Ion Ratio Lower Upper

42 100

72 31.7 35.6 53.4#

71 34.7 34.0 51.0



#33

1,2-Dichloroethane-d4

Concen: 51.26 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049675.D

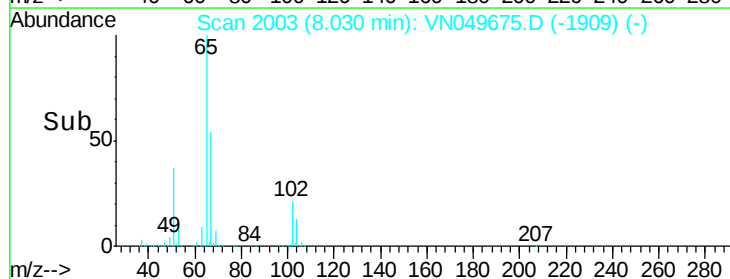
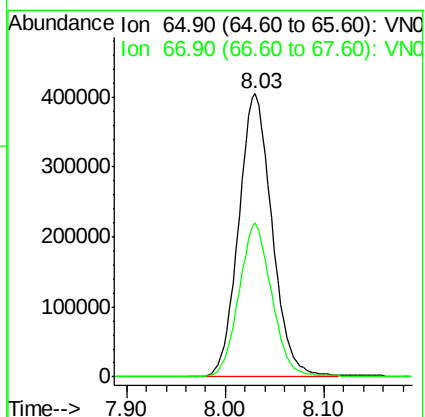
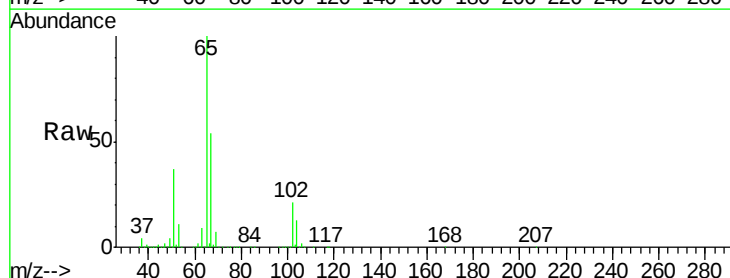
Acq: 2 Jul 2018 17:45

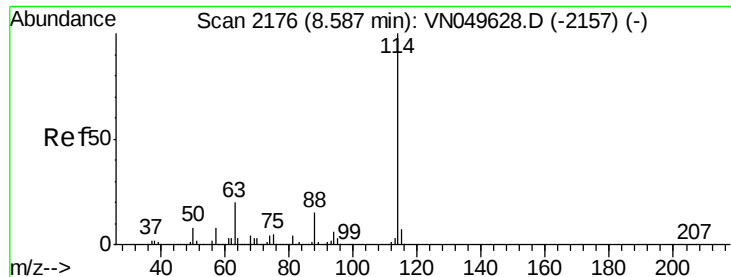
Tgt Ion: 65 Resp: 946442

Ion Ratio Lower Upper

65 100

67 53.6 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: VN049675.D

Acq: 2 Jul 2018 17:45

Instrument :

MSVOA_N

ClientSampleId :

PB110744 ZHE#02

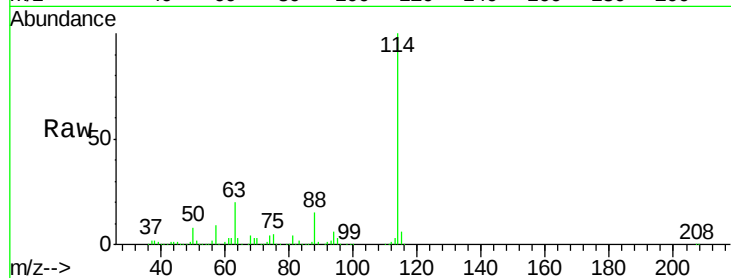
Tot Ion:114 Resp: 2259933

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.8

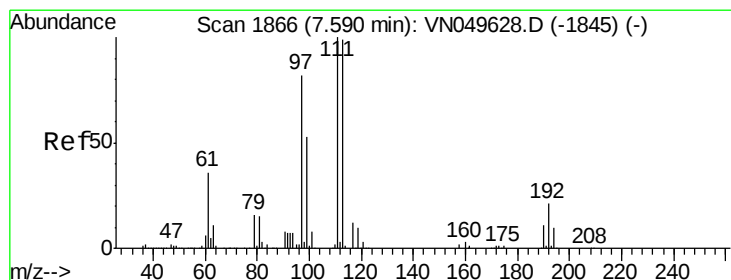
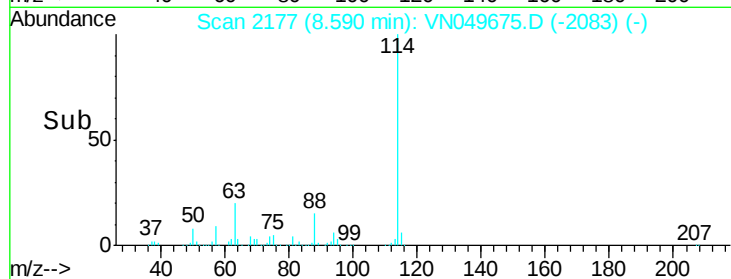
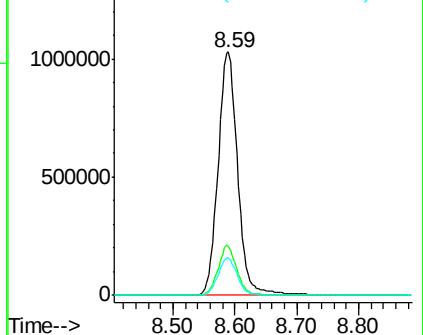
88 15.3 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 46.66 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049675.D

Acq: 2 Jul 2018 17:45

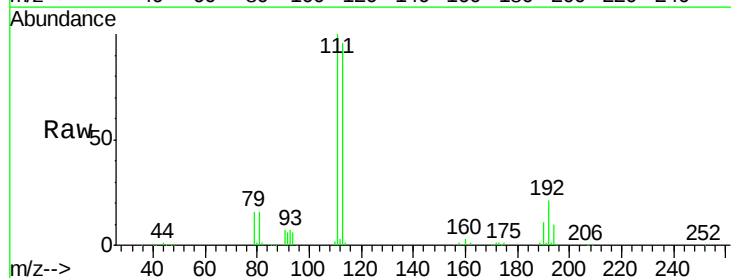
Tgt Ion:113 Resp: 788281

Ion Ratio Lower Upper

113 100

111 103.3 81.8 122.8

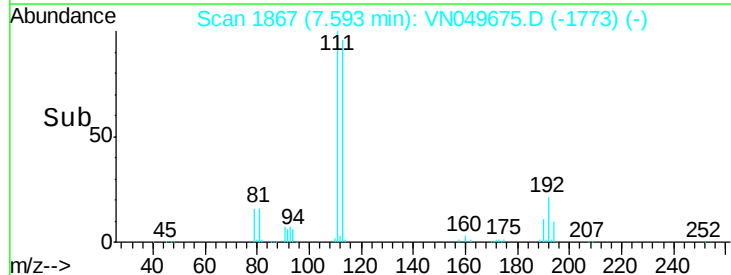
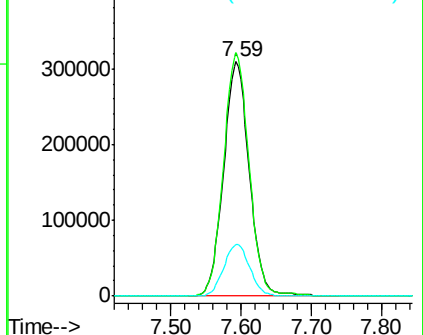
192 22.4 17.8 26.6

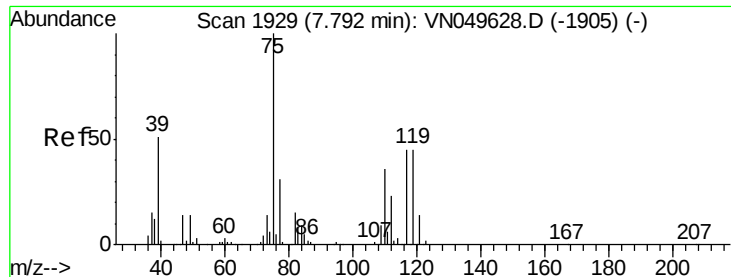


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

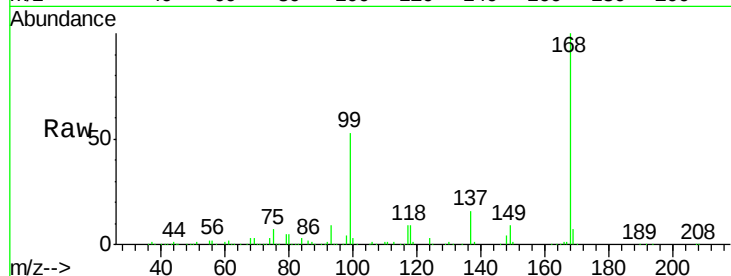




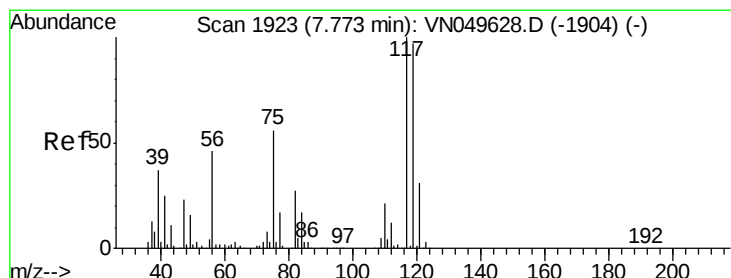
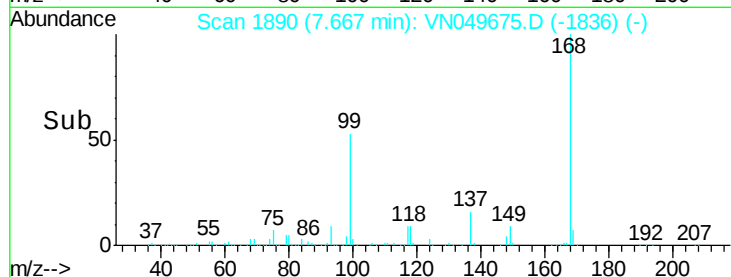
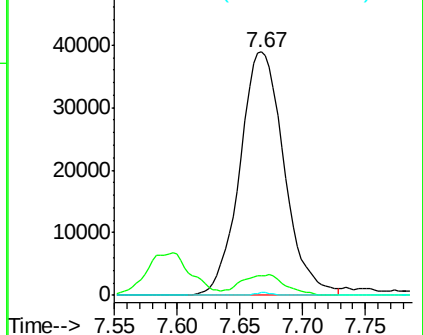
#36
 1,1-Dichloropropene
 Concen: 3.76 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN049675.D
 Acq: 2 Jul 2018 17:45

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110744 ZHE#02

Tot Ion	Ratio	Lower	Upper
75	100		
110	8.5	18.1	54.4#
77	0.4	24.9	37.3#

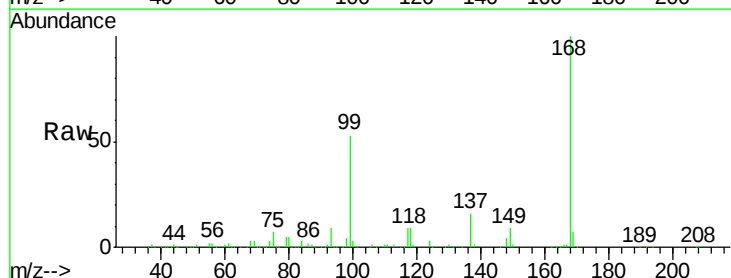


Abundance Ion 74.90 (74.60 to 75.60): VN049628.D (-1905) (-)
 Ion 109.90 (109.60 to 110.60): VN049628.D (-1905) (-)
 Ion 76.90 (76.60 to 77.60): VN049628.D (-1905) (-)

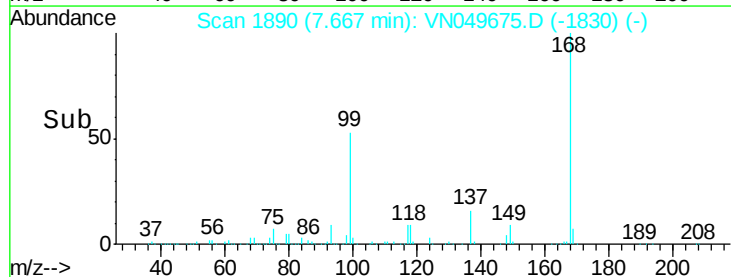
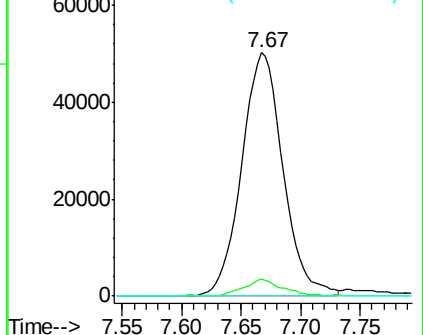


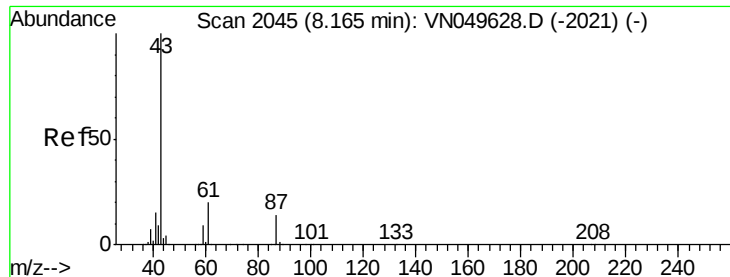
#38
 Carbon Tetrachloride
 Concen: 4.89 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.11 min
 Lab File: VN049675.D
 Acq: 2 Jul 2018 17:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.4	77.2	115.8#
121	0.0	25.0	37.6#



Abundance Ion 116.80 (116.50 to 117.50): VN049628.D (-1904) (-)
 Ion 118.80 (118.50 to 119.50): VN049628.D (-1904) (-)
 Ion 120.80 (120.50 to 121.50): VN049628.D (-1904) (-)



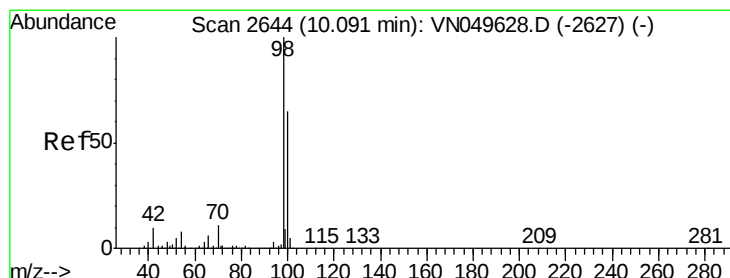
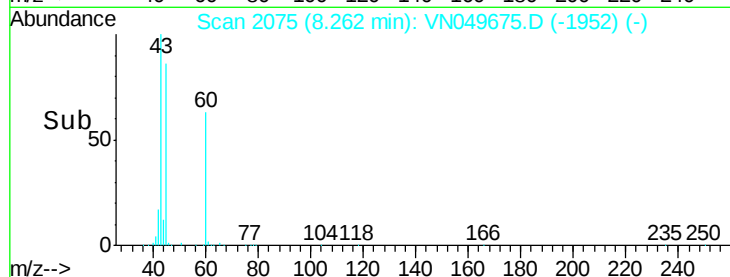
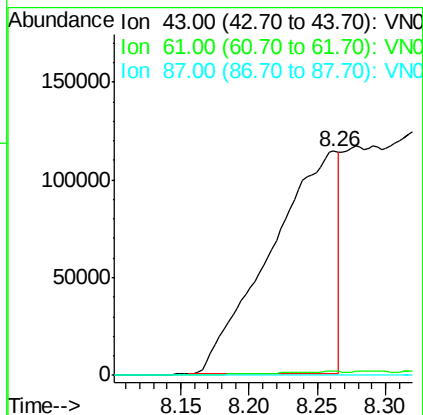
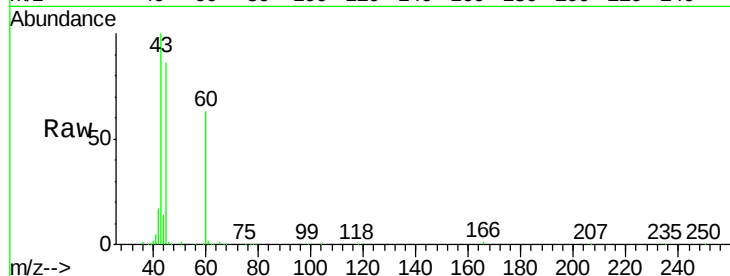


#43

Isopropyl Acetate
 Concen: 12.81 ug/l
 RT: 8.26 min Scan# 2075
 Delta R.T. 0.10 min
 Lab File: VN049675.D
 Acq: 2 Jul 2018 17:45

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110744 ZHE#02

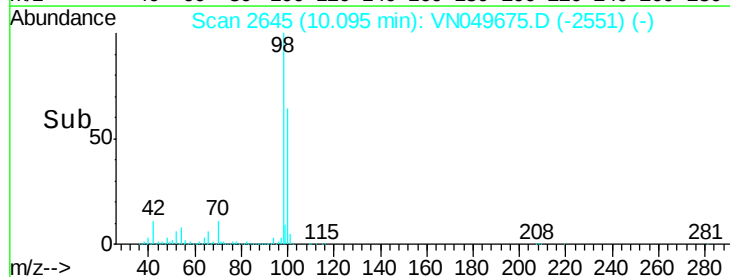
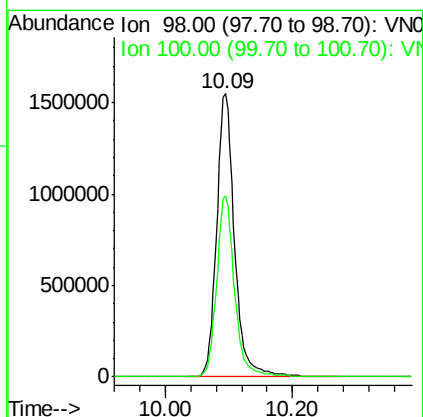
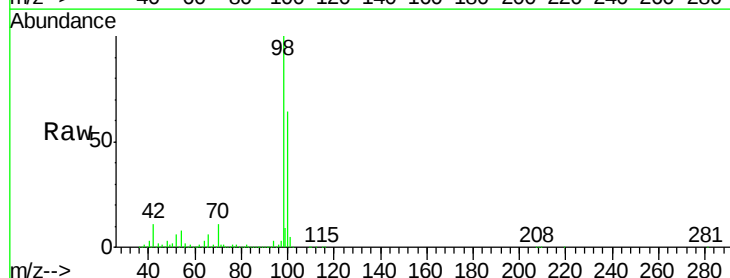
Tot Ion: 43 Resp: 389956
 Ion Ratio Lower Upper
 43 100
 61 0.0 14.9 22.3#
 87 0.0 10.0 15.0#

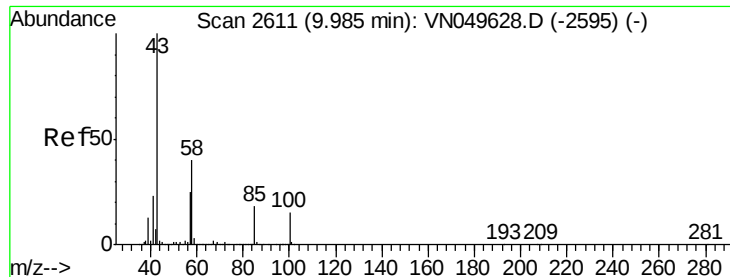


#50

Toluene-d8
 Concen: 45.77 ug/l
 RT: 10.09 min Scan# 2645
 Delta R.T. 0.00 min
 Lab File: VN049675.D
 Acq: 2 Jul 2018 17:45

Tgt Ion: 98 Resp: 3026839
 Ion Ratio Lower Upper
 98 100
 100 63.8 51.7 77.5

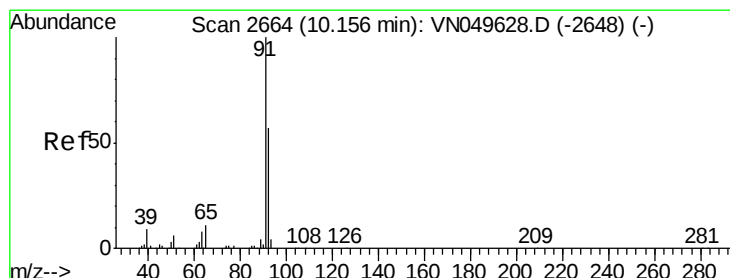
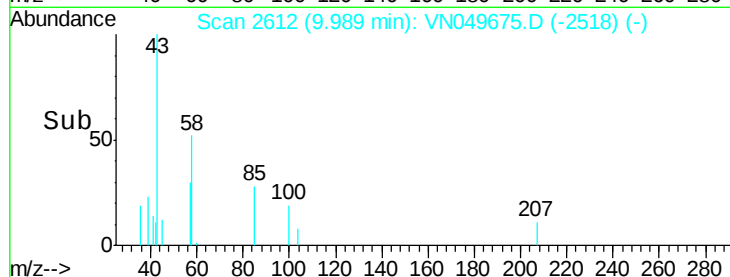
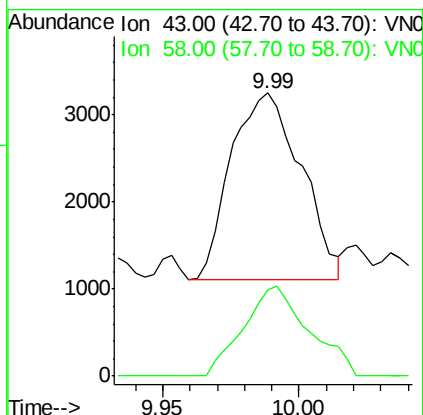
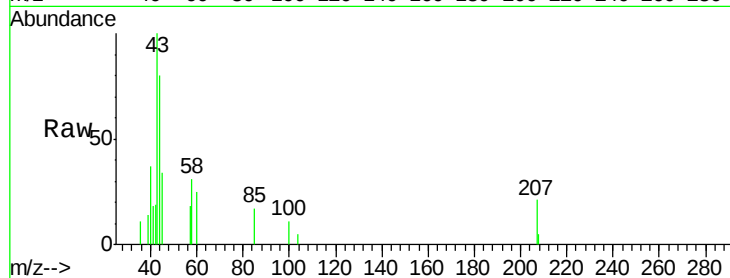




#51
4-Methyl-2-Pentanone
Concen: 0.27 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN049675.D
Acq: 2 Jul 2018 17:45

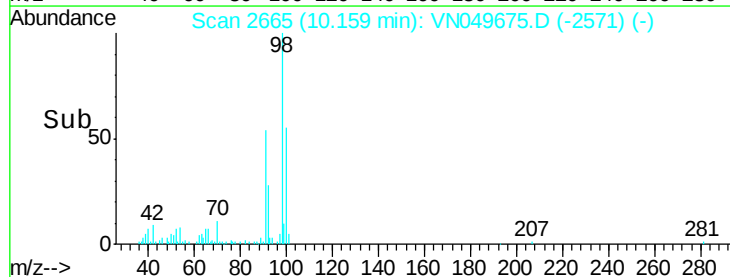
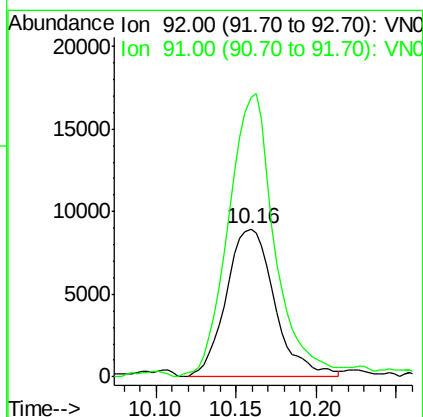
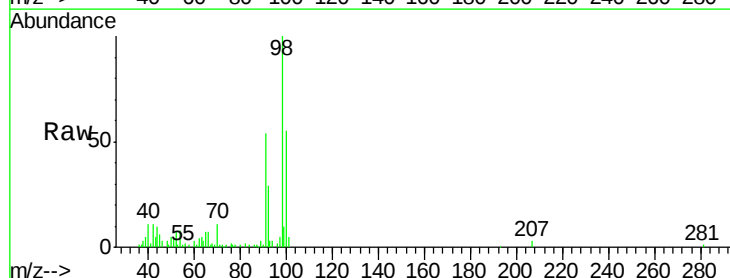
Instrument :
MSVOA_N
ClientSampleId :
PB110744 ZHE#02

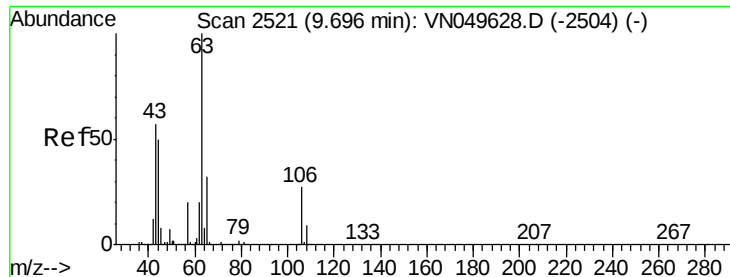
Tot Ion: 43 Resp: 3861
Ion Ratio Lower Upper
43 100
58 44.4 31.8 47.8



#52
Toluene
Concen: 0.40 ug/l
RT: 10.16 min Scan# 2665
Delta R.T. 0.00 min
Lab File: VN049675.D
Acq: 2 Jul 2018 17:45

Tgt Ion: 92 Resp: 18619
Ion Ratio Lower Upper
92 100
91 182.6 140.1 210.1





#58

2-Chloroethyl Vinyl ether

Concen: 10.83 ug/l

RT: 9.71 min Scan# 2526

Delta R.T. 0.02 min

Lab File: VN049675.D

Acq: 2 Jul 2018 17:45

Instrument :

MSVOA_N

ClientSampleId :

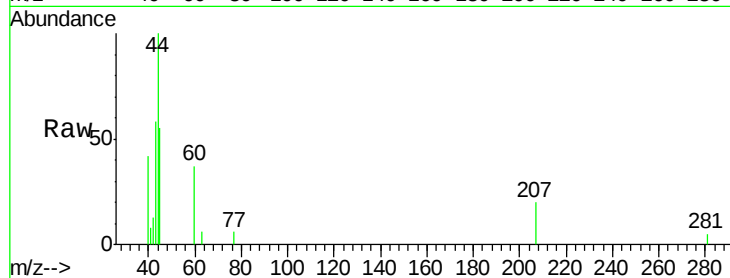
PB110744 ZHE#02

Tot Ion: 63 Resp: 63

Ion Ratio Lower Upper

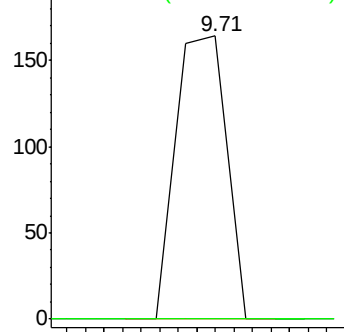
63 100

106 0.0 21.8 32.8#

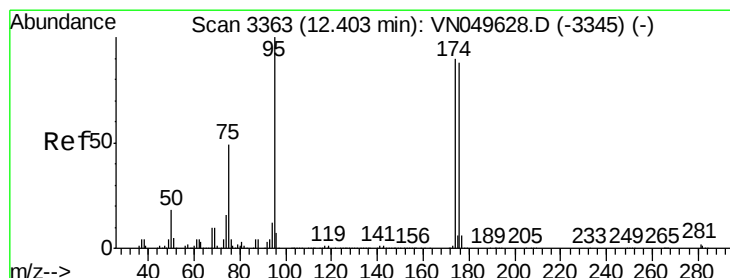
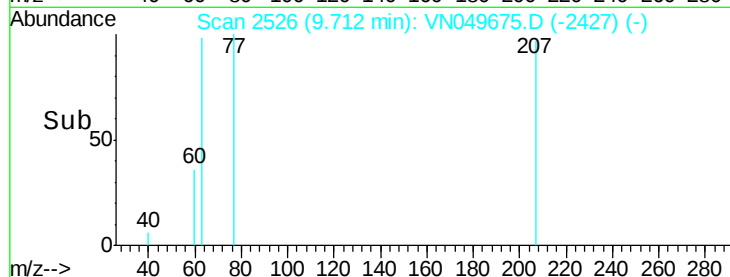


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V



Time-->



#62

4-Bromofluorobenzene

Concen: 40.10 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049675.D

Acq: 2 Jul 2018 17:45

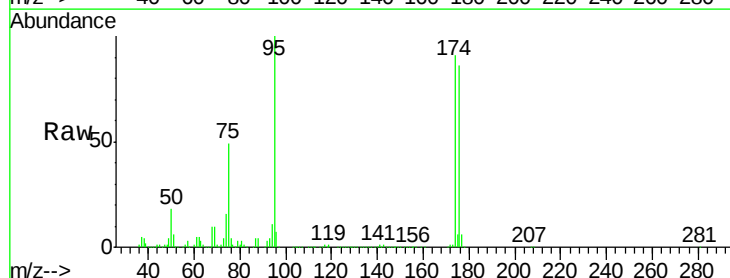
Tgt Ion: 95 Resp: 905433

Ion Ratio Lower Upper

95 100

174 90.7 0.0 179.6

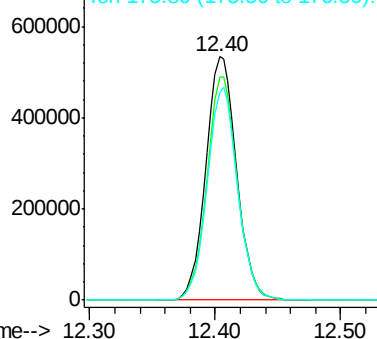
176 86.4 0.0 174.0



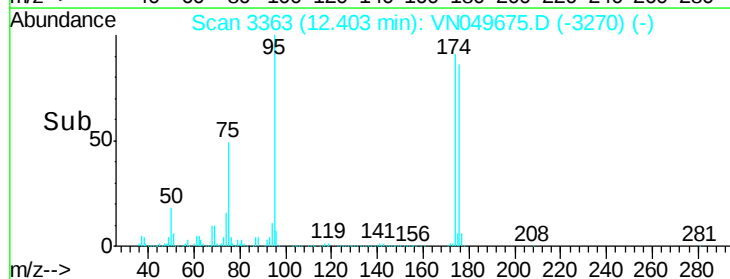
Abundance Ion 94.90 (94.60 to 95.60): VN0

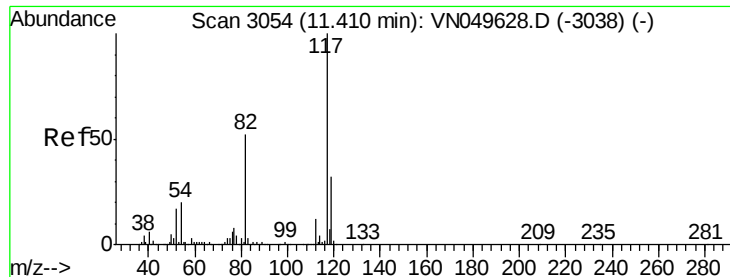
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049675.D

Acq: 2 Jul 2018 17:45

Instrument :

MSVOA_N

ClientSampleId :

PB110744 ZHE#02

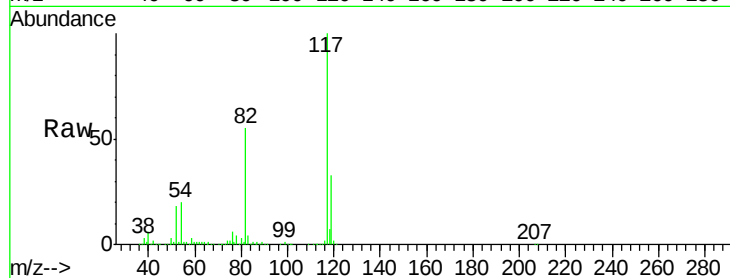
Tot Ion:117 Resp: 1887845

Ion Ratio Lower Upper

117 100

82 55.5 41.9 62.9

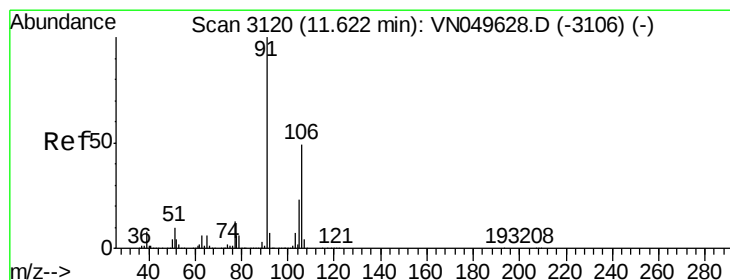
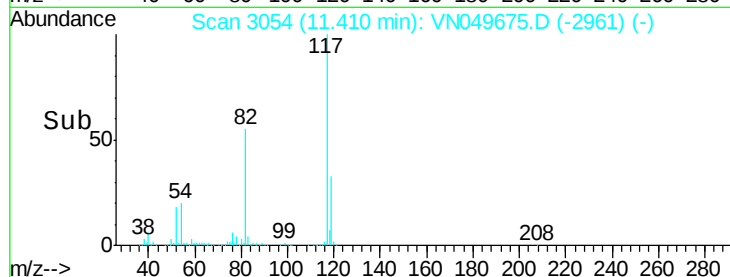
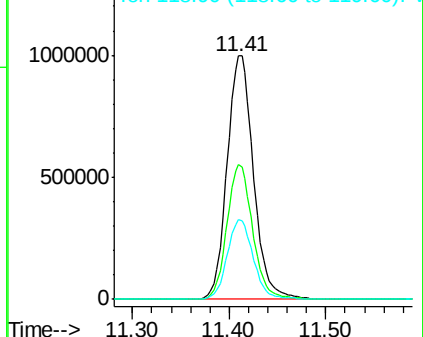
119 32.6 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#68

m/p-Xylenes

Concen: 0.21 ug/l

RT: 11.62 min Scan# 3119

Delta R.T. -0.00 min

Lab File: VN049675.D

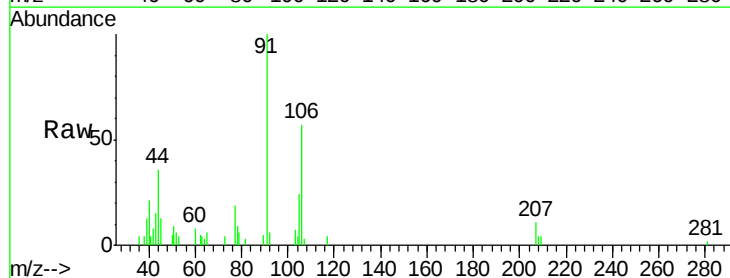
Acq: 2 Jul 2018 17:45

Tgt Ion:106 Resp: 6526

Ion Ratio Lower Upper

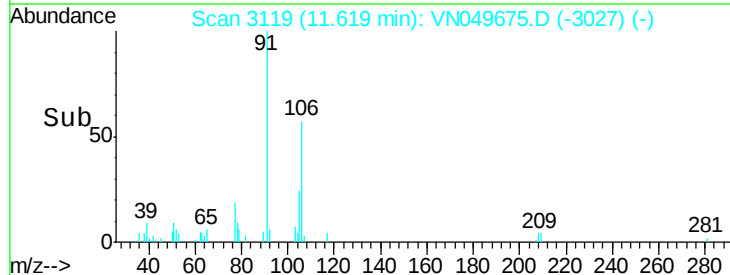
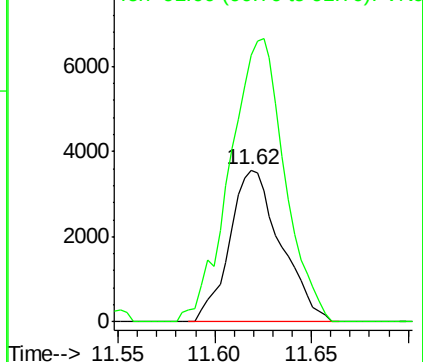
106 100

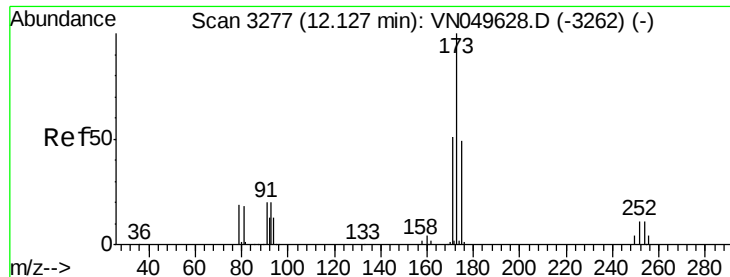
91 200.8 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

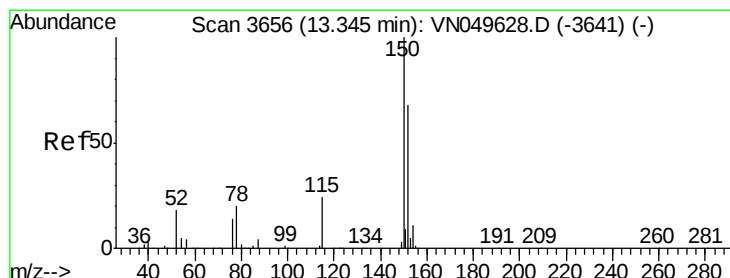
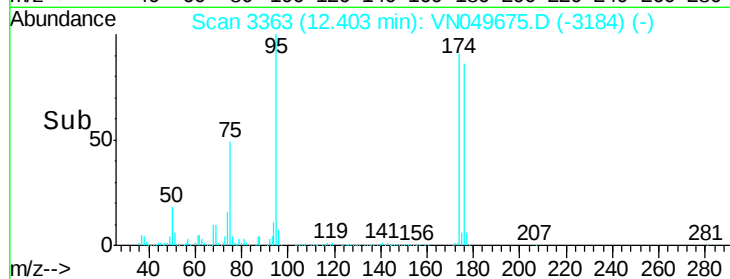
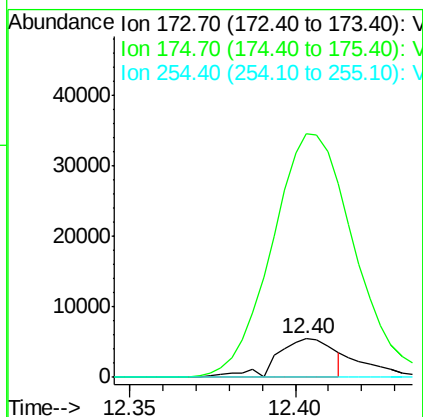
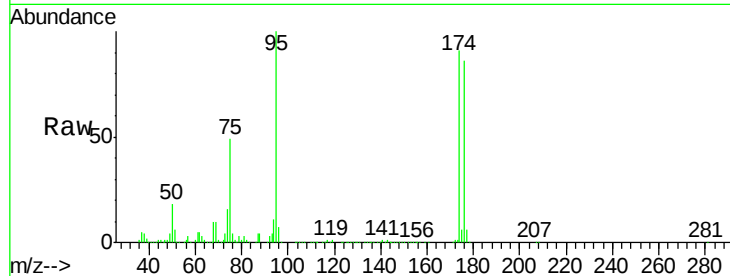




#71
Bromoform
Concen: 0.55 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.28 min
Lab File: VN049675.D
Acq: 2 Jul 2018 17:45

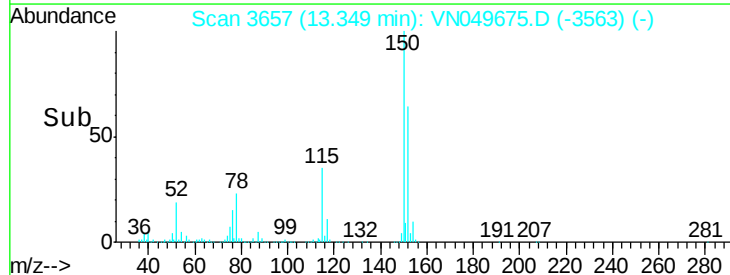
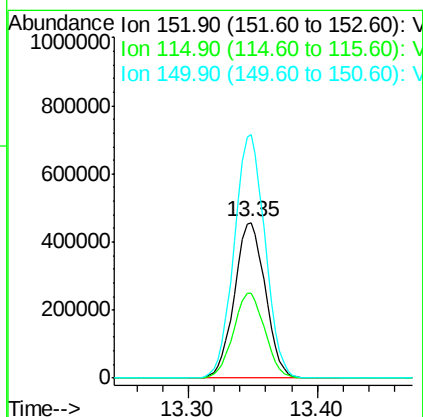
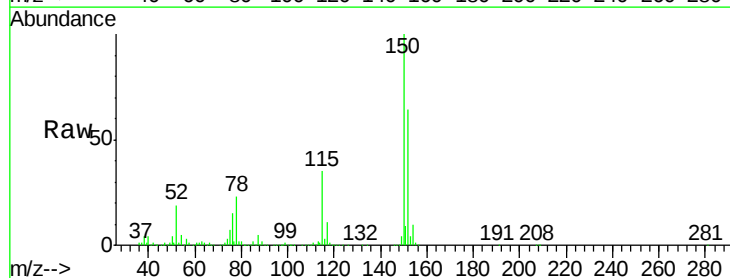
Instrument :
MSVOA_N
ClientSampleId :
PB110744 ZHE#02

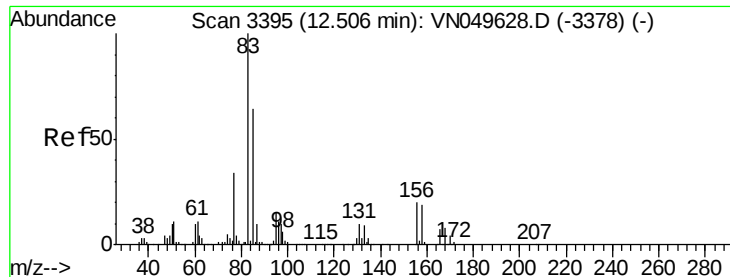
Tot Ion:173 Resp: 6481
Ion Ratio Lower Upper
173 100
175 715.1 24.6 73.8#
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3657
Delta R.T. 0.00 min
Lab File: VN049675.D
Acq: 2 Jul 2018 17:45

Tgt Ion:152 Resp: 759662
Ion Ratio Lower Upper
152 100
115 55.6 28.1 84.2
150 156.7 0.0 347.6





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.40 min Scan# 3361

Delta R.T. -0.11 min

Lab File: VN049675.D

Acq: 2 Jul 2018 17:45

Instrument :

MSVOA_N

ClientSampleId :

PB110744 ZHE#02

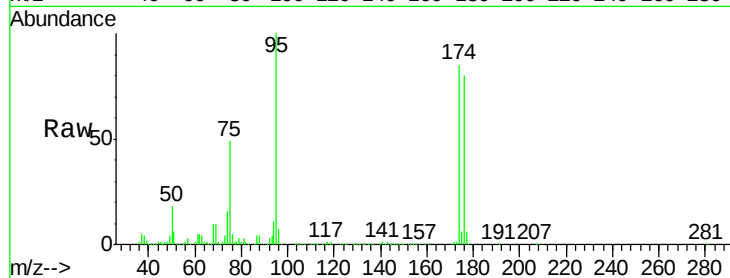
Tot Ion: 83 Resp: 829

Ion Ratio Lower Upper

83 100

131 147.4 5.2 15.6#

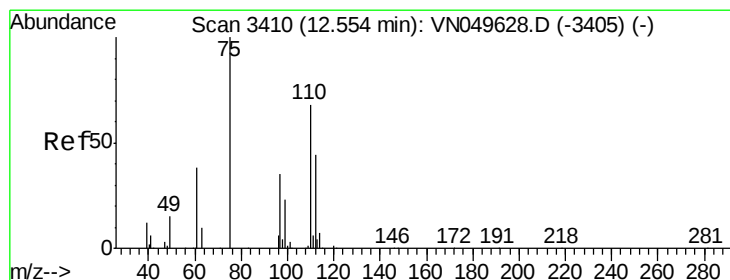
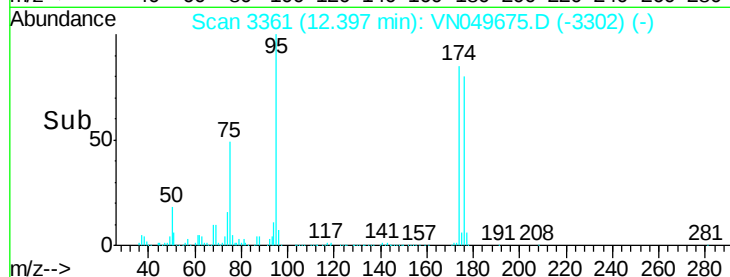
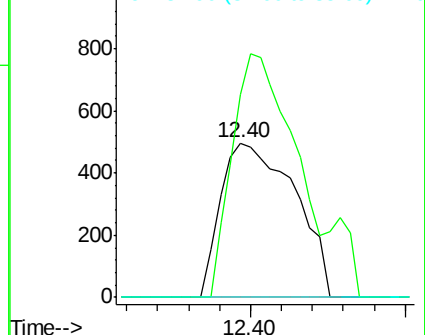
85 0.0 32.5 97.4#



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 36.33 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049675.D

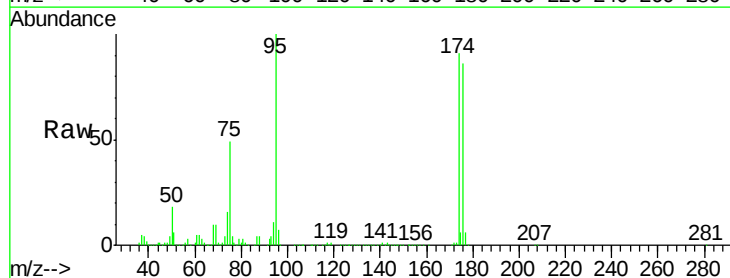
Acq: 2 Jul 2018 17:45

Tgt Ion: 75 Resp: 442617

Ion Ratio Lower Upper

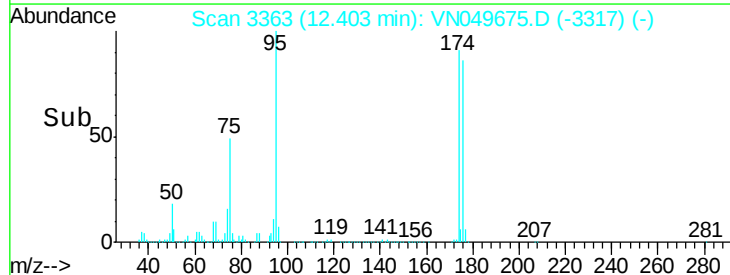
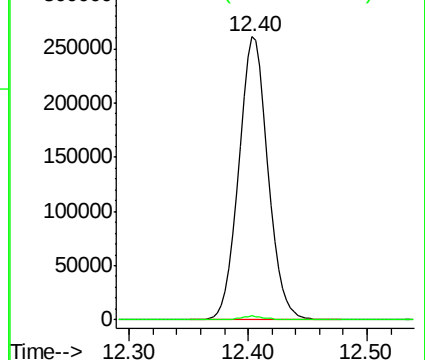
75 100

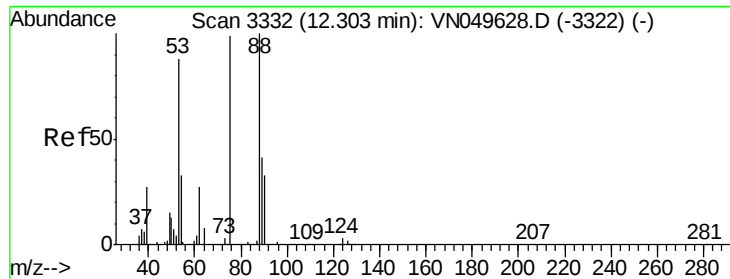
77 1.3 0.0 0.0#



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: 123.39 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049675.D

Acq: 2 Jul 2018 17:45

Instrument :

MSVOA_N

ClientSampleId :

PB110744 ZHE#02

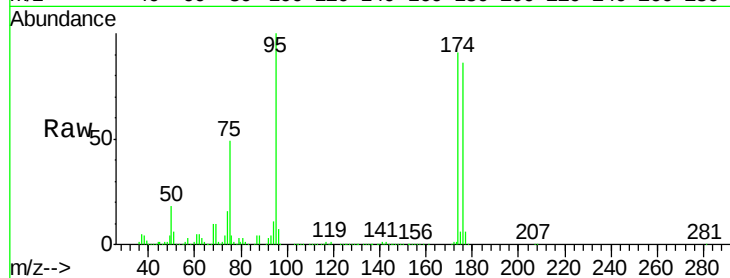
Tot Ion: 75 Resp: 442617

Ion Ratio Lower Upper

75 100

53 0.2 73.9 110.9#

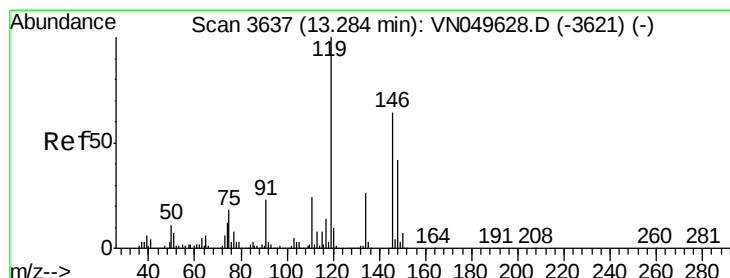
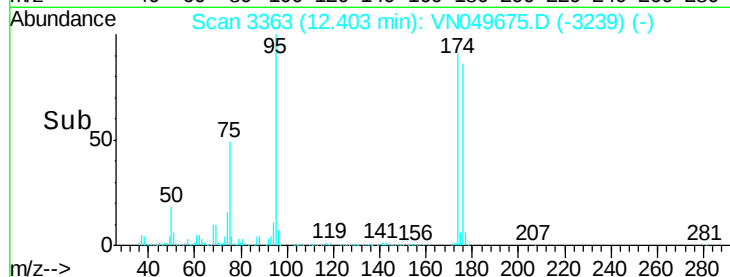
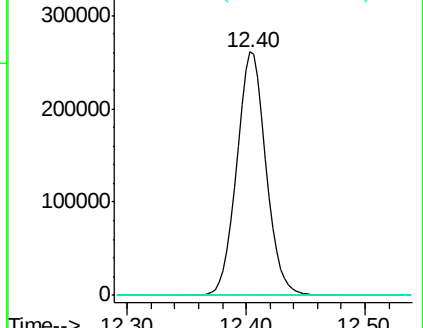
89 0.0 35.9 53.9#



Abundance Ion 74.90 (74.60 to 75.60): VN049675.D (-3363) (-)

Ion 53.00 (52.70 to 53.70): VN049675.D (-3363) (-)

Ion 88.90 (88.60 to 89.60): VN049675.D (-3363) (-)



#87

1,3-Dichlorobenzene

Concen: Below Cal

RT: 13.28 min Scan# 3635

Delta R.T. -0.01 min

Lab File: VN049675.D

Acq: 2 Jul 2018 17:45

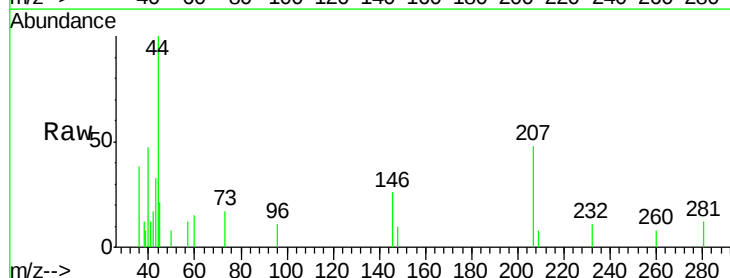
Tgt Ion: 146 Resp: 663

Ion Ratio Lower Upper

146 100

111 0.0 19.0 57.0#

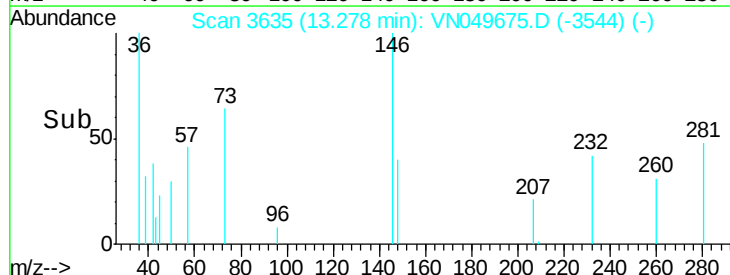
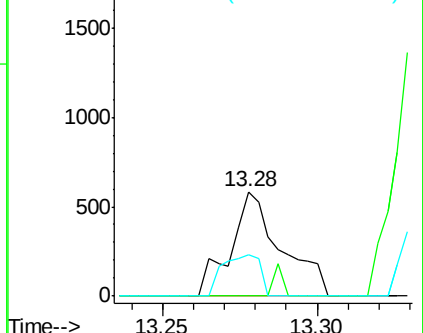
148 29.7 32.5 97.5#

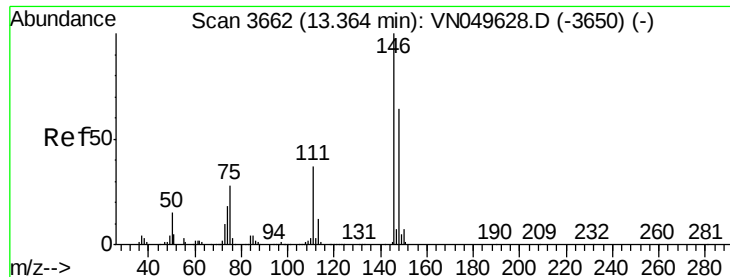


Abundance Ion 145.90 (145.60 to 146.60): VN049675.D (-3635) (-)

Ion 110.90 (110.60 to 111.60): VN049675.D (-3635) (-)

Ion 147.90 (147.60 to 148.60): VN049675.D (-3635) (-)

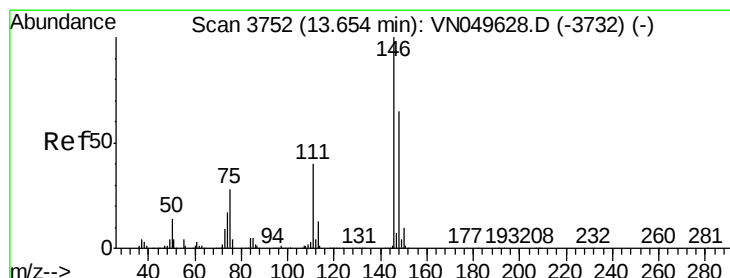
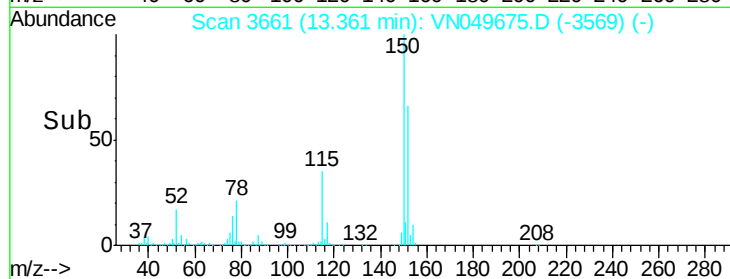
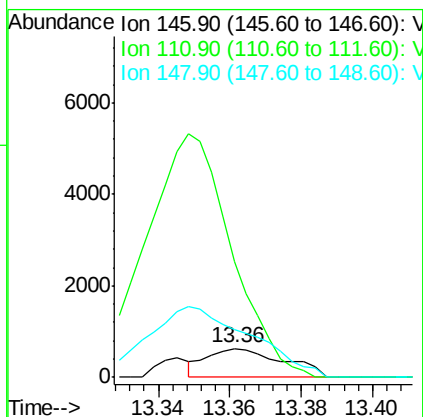
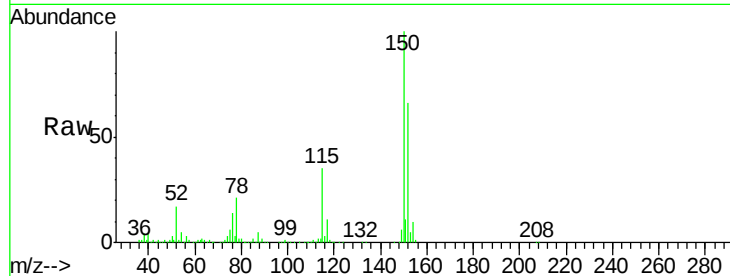




#88
 1,4-Dichlorobenzene
 Concen: Below Cal
 RT: 13.36 min Scan# 3661
 Delta R.T. -0.00 min
 Lab File: VN049675.D
 Acq: 2 Jul 2018 17:45

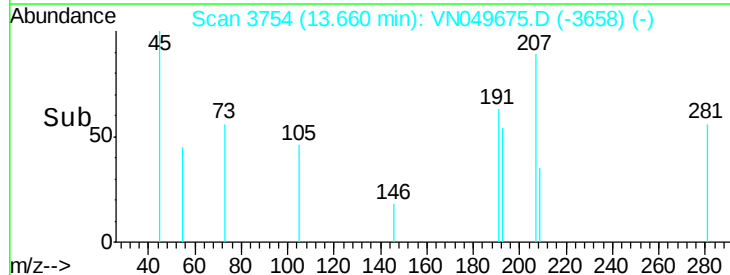
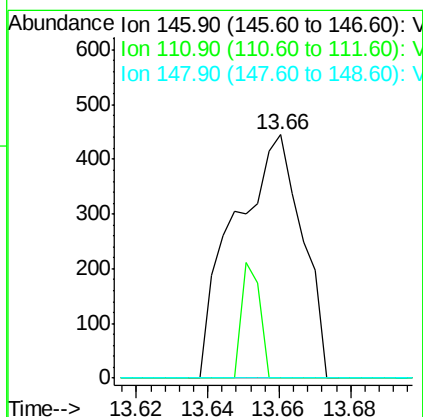
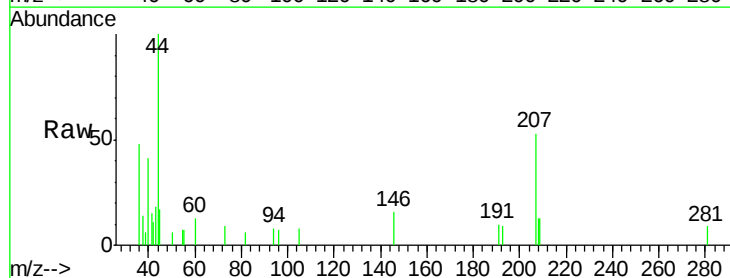
Instrument :
 MSVOA_N
 ClientSampleId :
 PB110744 ZHE#02

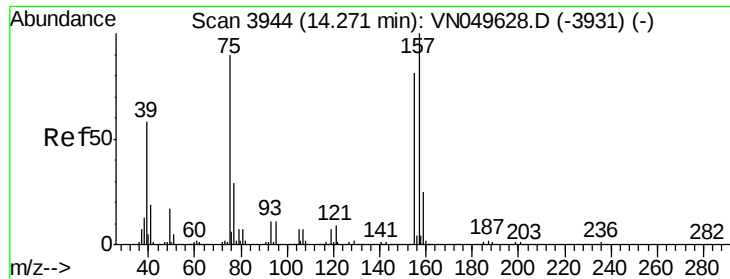
Tot Ion:146 Resp: 938
 Ion Ratio Lower Upper
 146 100
 111 0.0 18.9 56.5#
 148 0.0 32.1 96.3#



#91
 1,2-Dichlorobenzene
 Concen: Below Cal
 RT: 13.66 min Scan# 3754
 Delta R.T. 0.01 min
 Lab File: VN049675.D
 Acq: 2 Jul 2018 17:45

Tgt Ion:146 Resp: 582
 Ion Ratio Lower Upper
 146 100
 111 0.0 19.7 59.1#
 148 0.0 32.0 96.2#





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.28 min Scan# 3947

Delta R.T. 0.01 min

Lab File: VN049675.D

Acq: 2 Jul 2018 17:45

Instrument :

MSVOA_N

ClientSampleId :

PB110744 ZHE#02

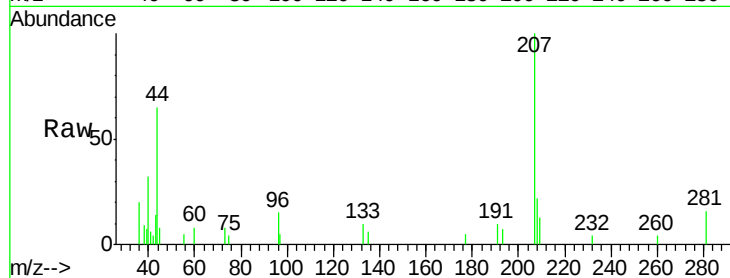
Tot Ion: 75 Resp: 66

Ion Ratio Lower Upper

75 100

155 0.0 45.7 137.1#

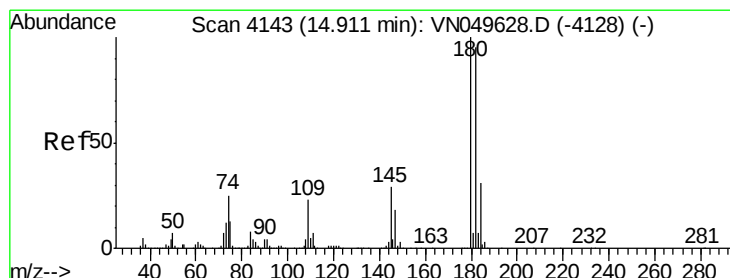
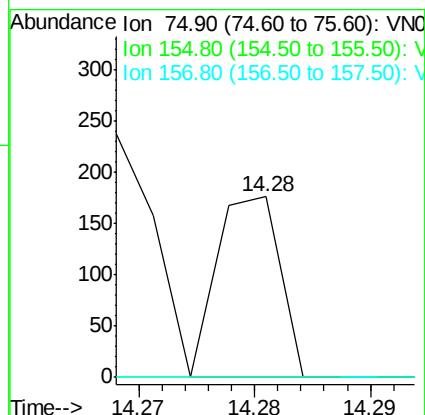
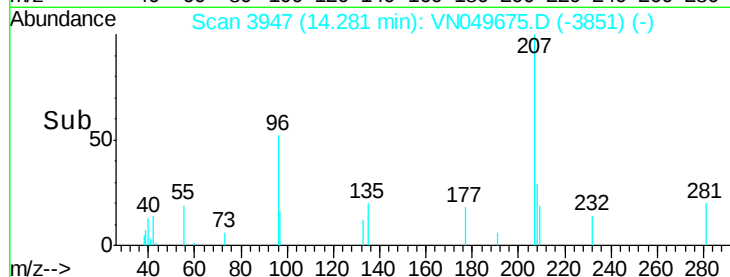
157 0.0 56.9 170.7#



Abundance Ion 74.90 (74.60 to 75.60): VN049675.D (-3851) (-)

Ion 154.80 (154.50 to 155.50): VN049675.D (-3851) (-)

Ion 156.80 (156.50 to 157.50): VN049675.D (-3851) (-)



#93

1,2,4-Trichlorobenzene

Concen: 2.42 ug/l

RT: 14.91 min Scan# 4142

Delta R.T. -0.00 min

Lab File: VN049675.D

Acq: 2 Jul 2018 17:45

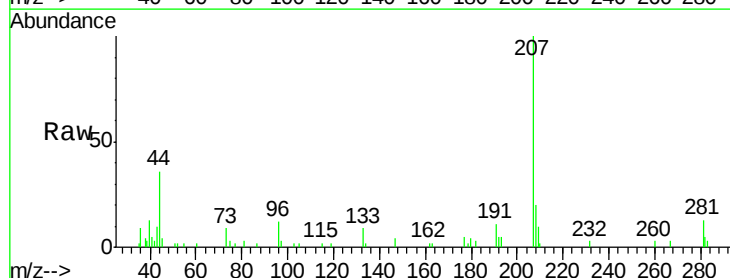
Tgt Ion: 180 Resp: 260

Ion Ratio Lower Upper

180 100

182 140.0 47.3 141.9

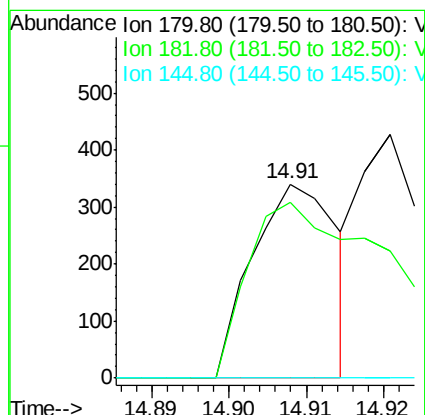
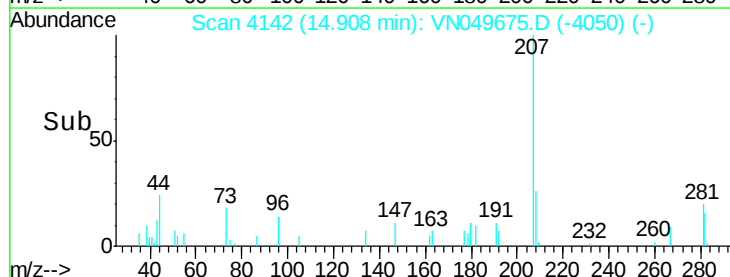
145 0.0 14.4 43.0#

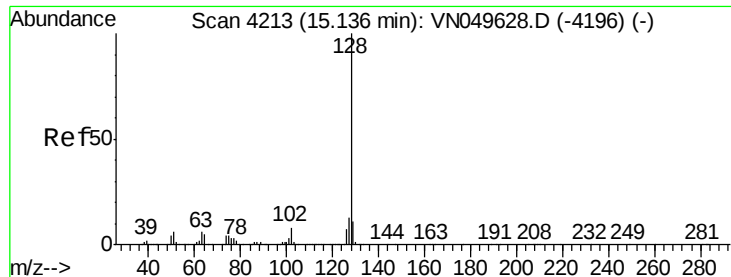


Abundance Ion 179.80 (179.50 to 180.50): VN049675.D (-4050) (-)

Ion 181.80 (181.50 to 182.50): VN049675.D (-4050) (-)

Ion 144.80 (144.50 to 145.50): VN049675.D (-4050) (-)





#95

Naphthalene

Concen: 4.12 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049675.D

Acq: 2 Jul 2018 17:45

Instrument :

MSVOA_N

ClientSampleId :

PB110744 ZHE#02

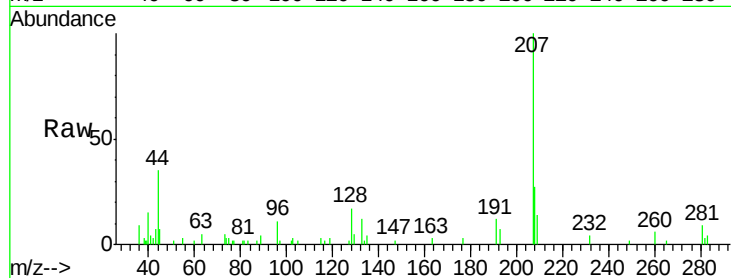
Tot Ion:128 Resp: 2802

Ion Ratio Lower Upper

128 100

127 10.5 10.4 15.6

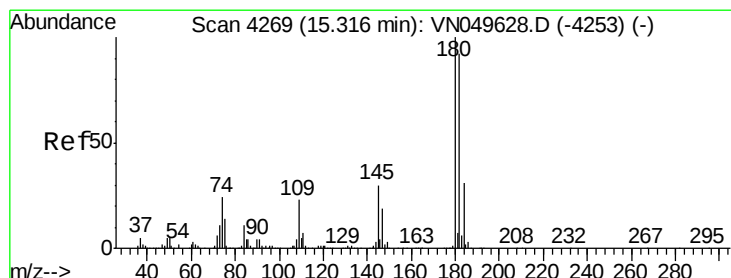
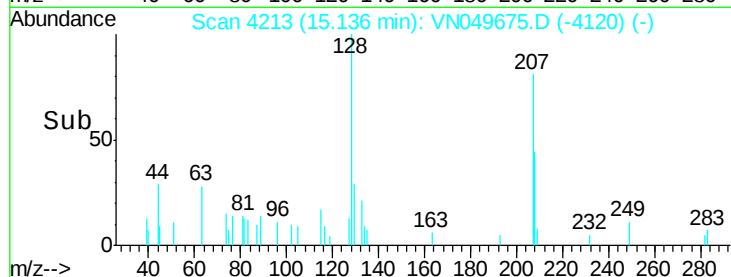
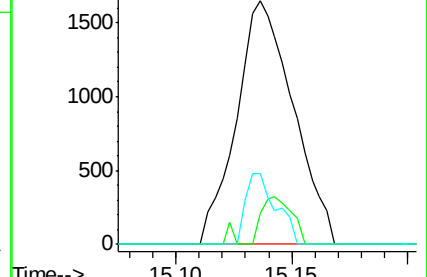
129 15.3 8.6 13.0#



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: 1.68 ug/l

RT: 15.33 min Scan# 4272

Delta R.T. 0.01 min

Lab File: VN049675.D

Acq: 2 Jul 2018 17:45

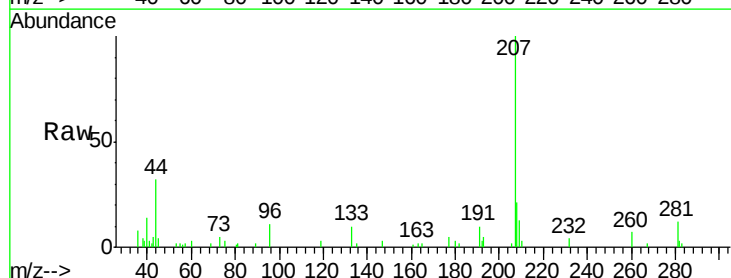
Tgt Ion:180 Resp: 488

Ion Ratio Lower Upper

180 100

182 35.9 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

