

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070218\
 Data File : VN049676.D
 Acq On : 2 Jul 2018 18:11
 Operator : MD\SY
 Sample : PB110744 ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110744 ZHE#03

Quant Time: Jul 03 03:49:15 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	1289271	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2087952	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1725347	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	687204	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	890115	52.28	ug/l	0.00
Spiked Amount			Recovery	=	104.56%	
35) Dibromofluoromethane	7.59	113	734198	47.03	ug/l	0.00
Spiked Amount			Recovery	=	94.06%	
50) Toluene-d8	10.09	98	2801510	45.85	ug/l	0.00
Spiked Amount			Recovery	=	91.70%	
62) 4-Bromofluorobenzene	12.41	95	822051	39.41	ug/l	0.00
Spiked Amount			Recovery	=	78.82%	

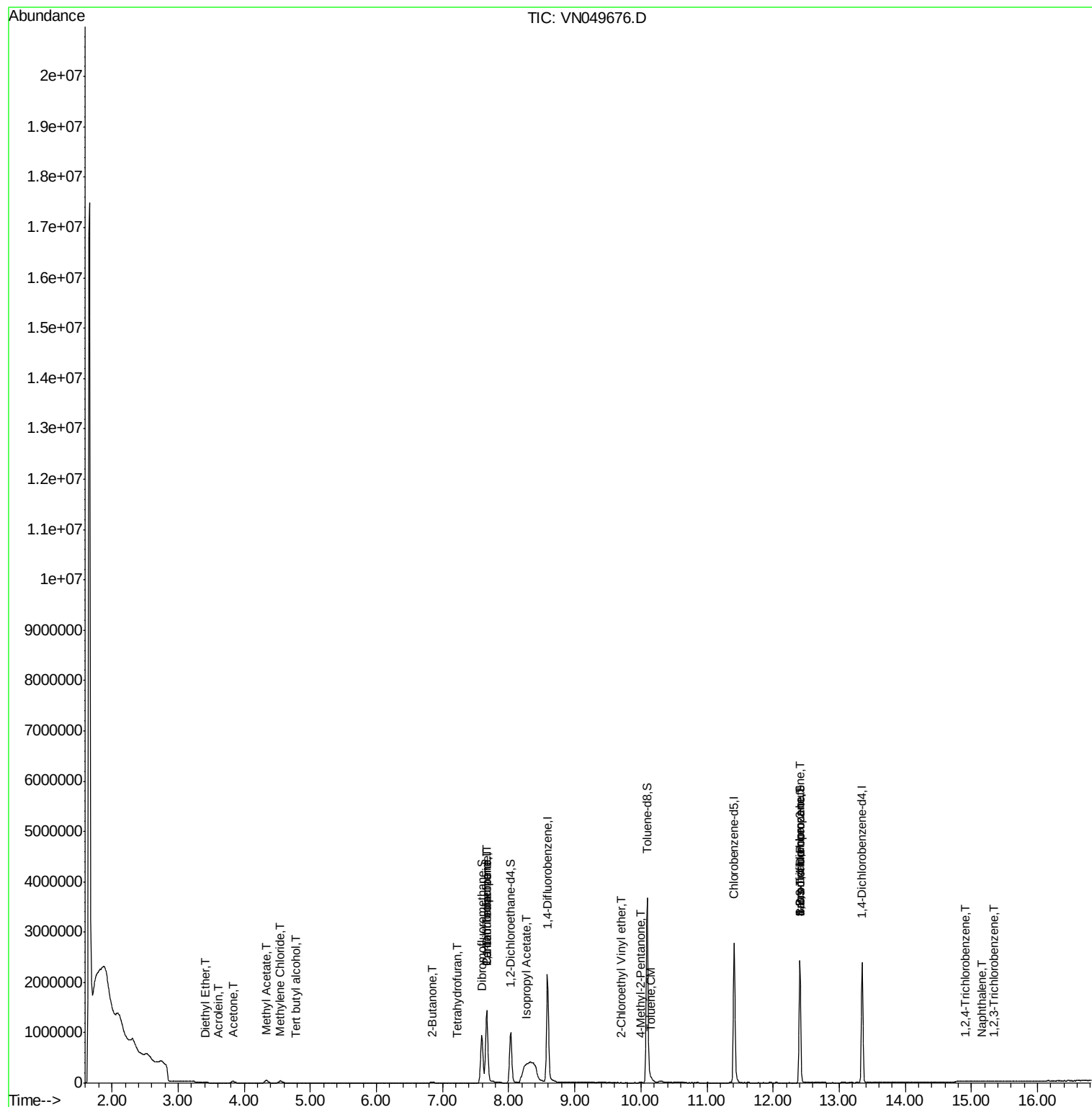
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.42	74	2013	0.22	ug/l	83
11) Tert butyl alcohol	4.79	59	502	0.51	ug/l #	72
13) Acrolein	3.61	56	183	0.20	ug/l #	1
16) Acetone	3.83	43	54822	8.31	ug/l	95
17) Carbon Disulfide	4.05	76	2701	Below Cal	#	75
18) Methyl Acetate	4.33	43	108563	1.97	ug/l	100
20) Methylene Chloride	4.55	84	32175	1.84	ug/l	95
25) 2-Butanone	6.86	43	10429	1.85	ug/l #	84
29) Tetrahydrofuran	7.23	42	2012	0.56	ug/l	91
36) 1,1-Dichloropropene	7.67	75	90181	3.84	ug/l #	48
38) Carbon Tetrachloride	7.67	117	115063	5.04	ug/l #	17
43) Isopropyl Acetate	8.26	43	550497	19.89	ug/l #	63
51) 4-Methyl-2-Pentanone	9.99	43	4229	0.31	ug/l #	35
52) Toluene	10.16	92	11099	0.26	ug/l	87
58) 2-Chloroethyl Vinyl ether	9.70	63	34	10.83	ug/l #	48
71) Bromoform	12.41	173	4015	0.37	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.50	83	95	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.41	75	404489	36.70	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.41	75	404489	124.65	ug/l #	13
87) 1,3-Dichlorobenzene	13.29	146	514	Below Cal	#	40
88) 1,4-Dichlorobenzene	13.37	146	995	Below Cal	#	1
91) 1,2-Dichlorobenzene	13.66	146	530	Below Cal	#	35
92) 1,2-Dibromo-3-Chloropropan	14.28	75	410	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.91	180	235	2.42	ug/l #	26
95) Naphthalene	15.14	128	2009	4.11	ug/l	96
96) 1,2,3-Trichlorobenzene	15.33	180	141	1.66	ug/l #	52

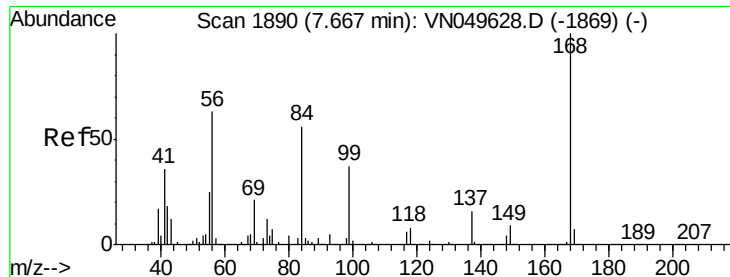
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1891

Delta R.T. 0.00 min

Lab File: VN049676.D

Acq: 2 Jul 2018 18:11

Instrument :

MSVOA_N

ClientSampleId :

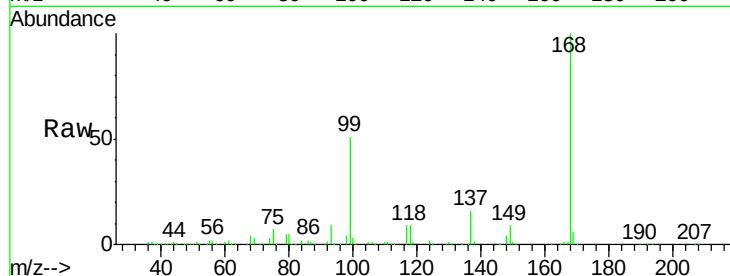
PB110744 ZHE#03

Tot Ion:168 Resp: 1289271

Ion Ratio Lower Upper

168 100

99 51.3 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): VN049676.D (-1797) (-)

Ion 98.90 (98.60 to 99.60): VN049676.D (-1797) (-)

7.67

600000

500000

400000

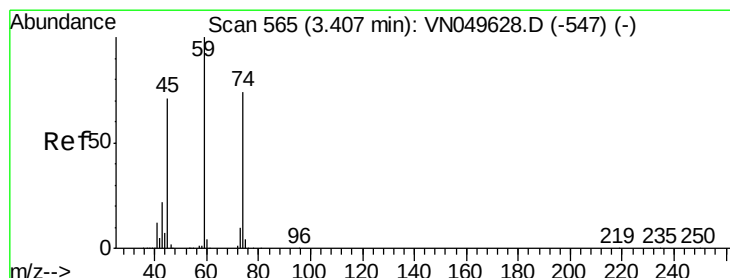
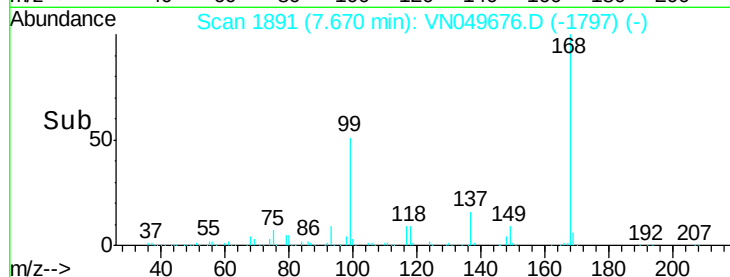
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#8

Diethyl Ether

Concen: 0.22 ug/l

RT: 3.42 min Scan# 568

Delta R.T. 0.01 min

Lab File: VN049676.D

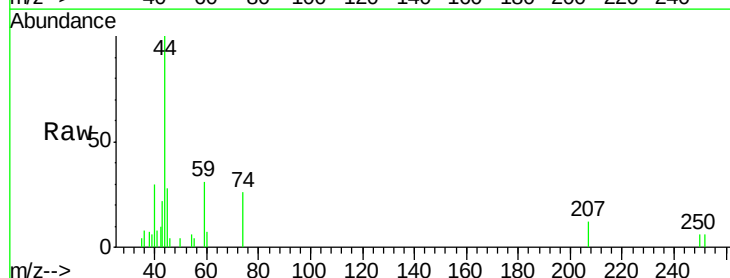
Acq: 2 Jul 2018 18:11

Tgt Ion: 74 Resp: 2013

Ion Ratio Lower Upper

74 100

45 80.5 48.4 145.2



Abundance Ion 74.00 (73.70 to 74.70): VN049676.D (-472) (-)

Ion 45.00 (44.70 to 45.70): VN049676.D (-472) (-)

3.42

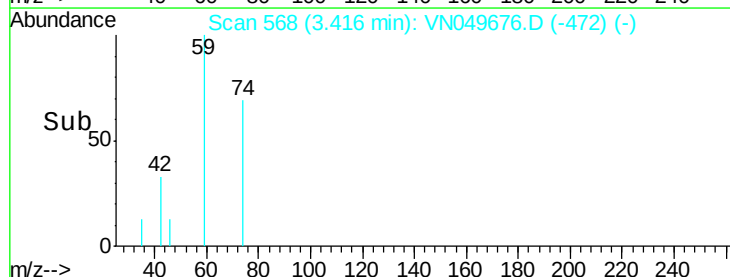
1500

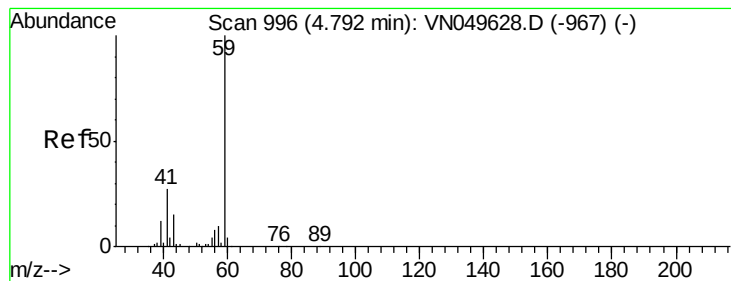
1000

500

0

Time--> 3.40 3.45





#11

Tert butyl alcohol

Concen: 0.51 ug/l

RT: 4.79 min Scan# 995

Delta R.T. -0.00 min

Lab File: VN049676.D

Acq: 2 Jul 2018 18:11

Instrument :

MSVOA_N

ClientSampleId :

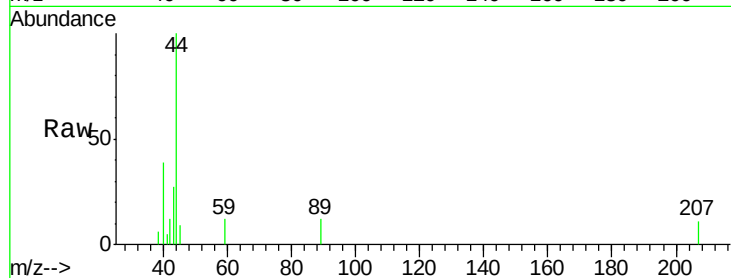
PB110744 ZHE#03

Tot Ion: 59 Resp: 502

Ion Ratio Lower Upper

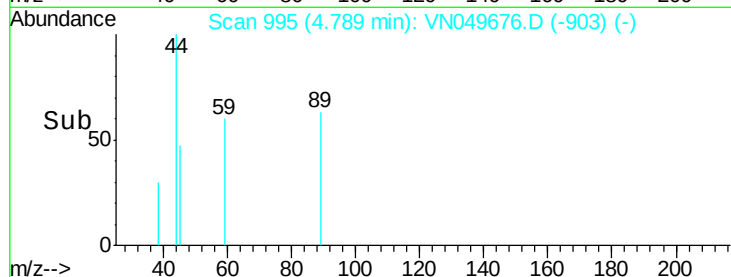
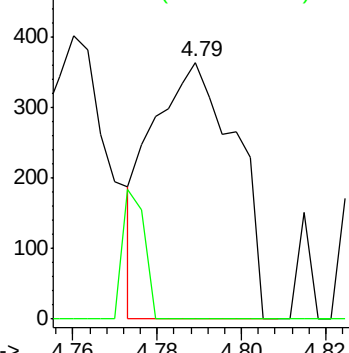
59 100

57 0.0 8.5 12.7#

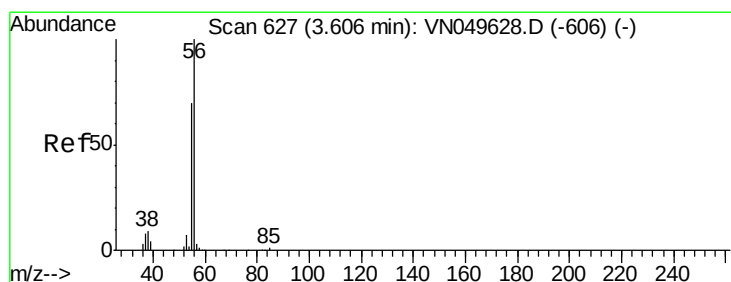


Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



Time-->



#13

Acrolein

Concen: 0.20 ug/l

RT: 3.61 min Scan# 629

Delta R.T. 0.01 min

Lab File: VN049676.D

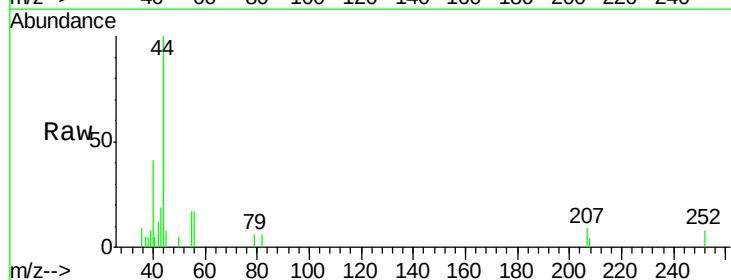
Acq: 2 Jul 2018 18:11

Tgt Ion: 56 Resp: 183

Ion Ratio Lower Upper

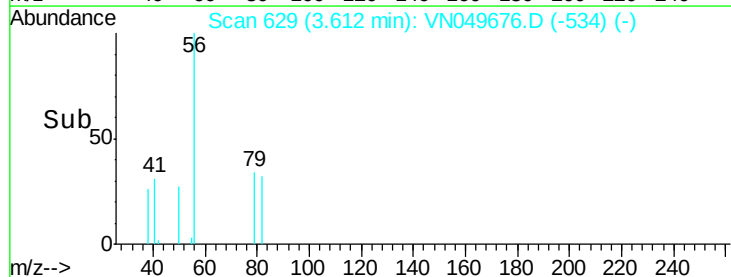
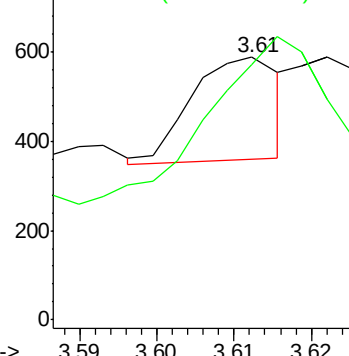
56 100

55 547.5 55.8 83.8#

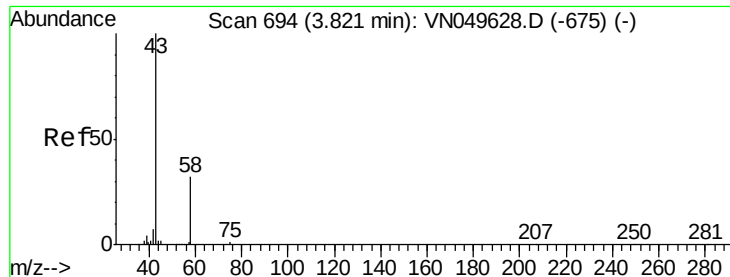


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



Time-->



#16

Acetone

Concen: 8.31 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049676.D

Acq: 2 Jul 2018 18:11

Instrument :

MSVOA_N

ClientSampleId :

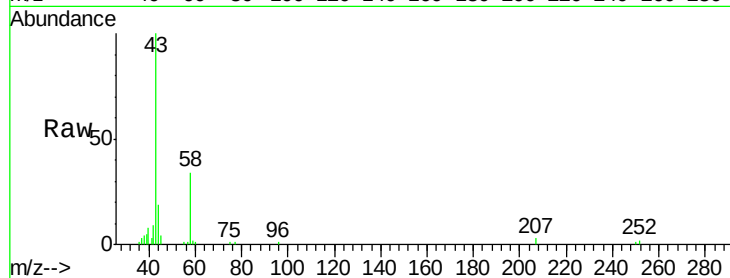
PB110744 ZHE#03

Tot Ion: 43 Resp: 54822

Ion Ratio Lower Upper

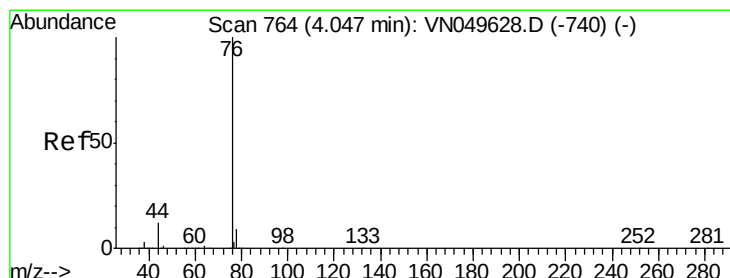
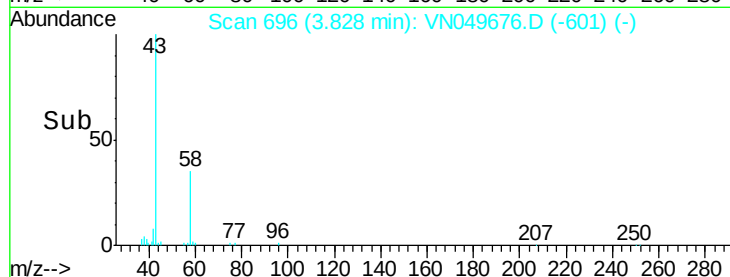
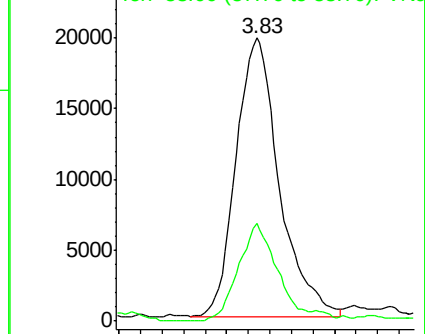
43 100

58 34.9 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#17

Carbon Disulfide

Concen: Below Cal

RT: 4.05 min Scan# 764

Delta R.T. 0.00 min

Lab File: VN049676.D

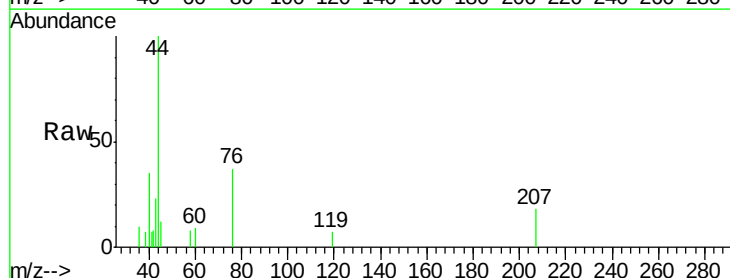
Acq: 2 Jul 2018 18:11

Tgt Ion: 76 Resp: 2701

Ion Ratio Lower Upper

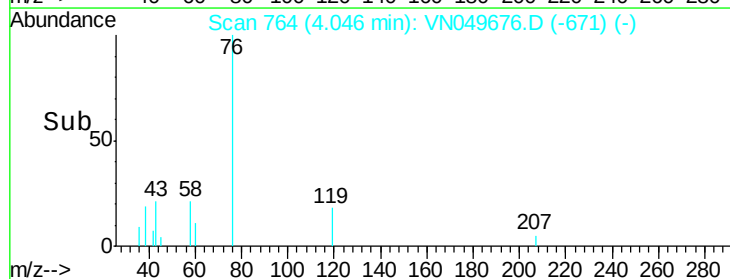
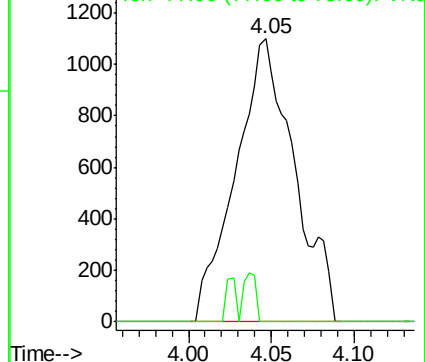
76 100

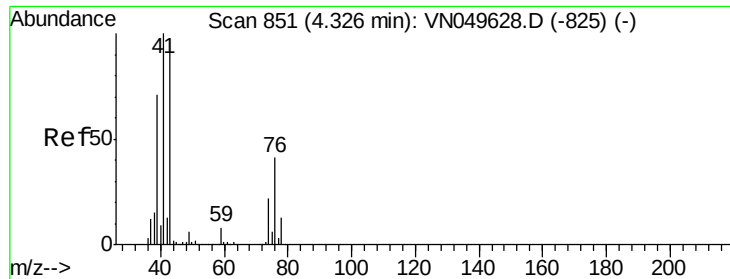
78 0.0 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

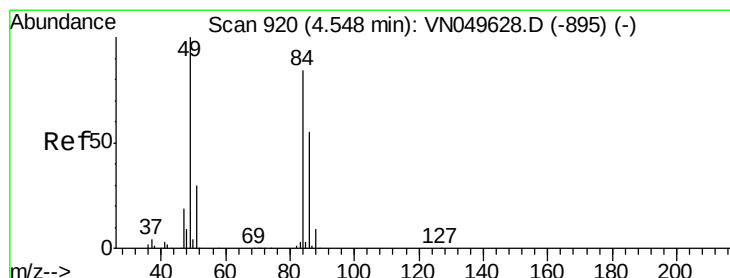
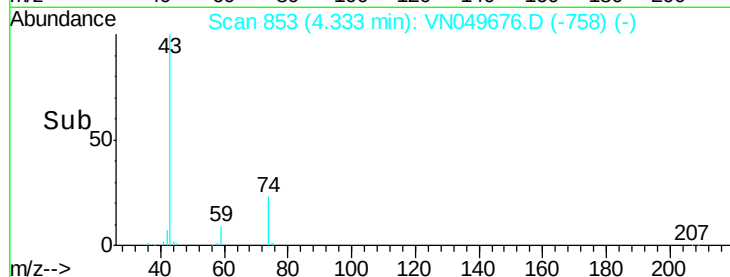
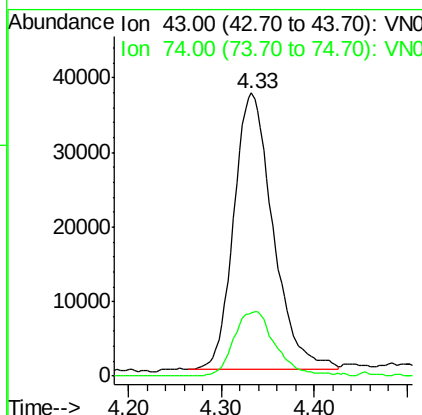
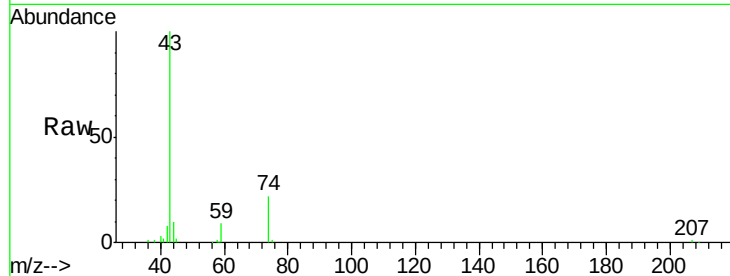




#18
Methvl Acetate
Concen: 1.97 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049676.D
Acq: 2 Jul 2018 18:11

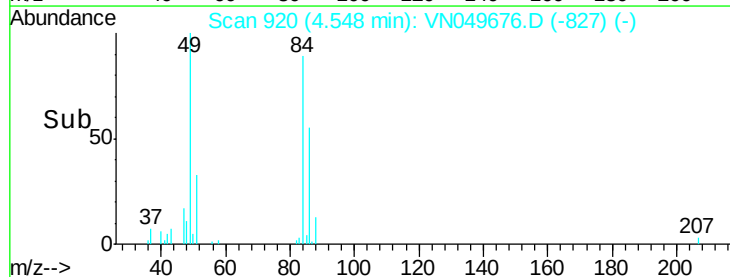
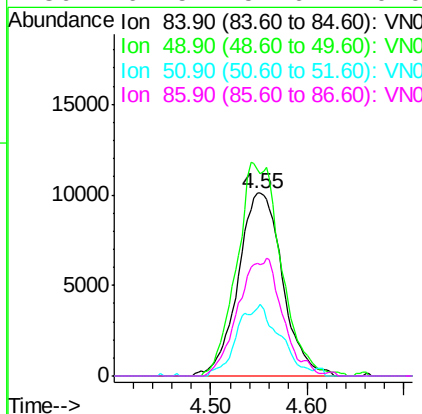
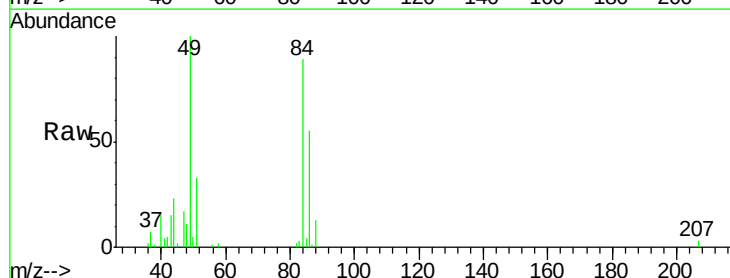
Instrument :
MSVOA_N
ClientSampleId :
PB110744 ZHE#03

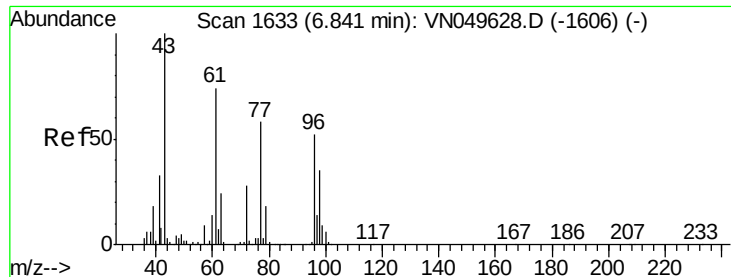
Tot Ion: 43 Resp: 108563
Ion Ratio Lower Upper
43 100
74 24.9 19.8 29.8



#20
Methylene Chloride
Concen: 1.84 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049676.D
Acq: 2 Jul 2018 18:11

Tgt Ion: 84 Resp: 32175
Ion Ratio Lower Upper
84 100
49 112.6 95.4 143.2
51 37.0 28.4 42.6
86 61.5 52.6 79.0

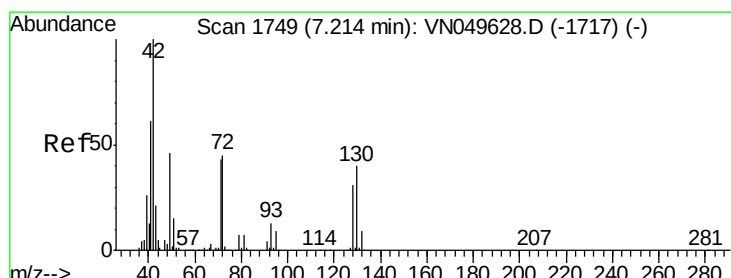
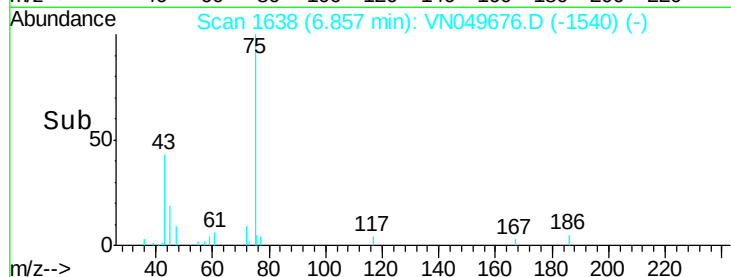
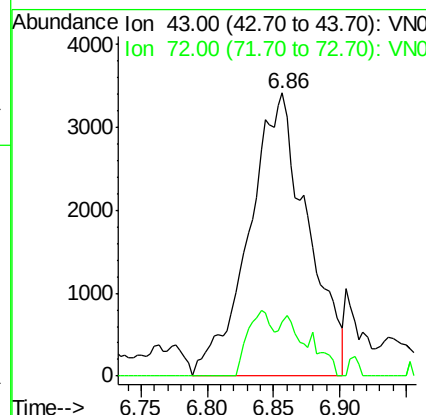
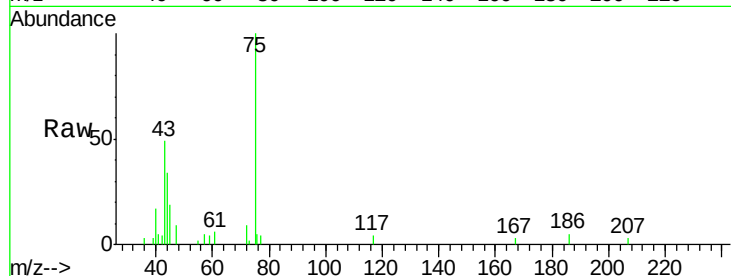




#25
2-Butanone
Concen: 1.85 ug/l
RT: 6.86 min Scan# 1638
Delta R.T. 0.02 min
Lab File: VN049676.D
Acq: 2 Jul 2018 18:11

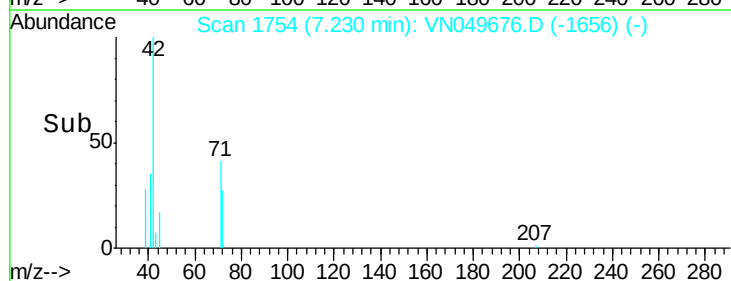
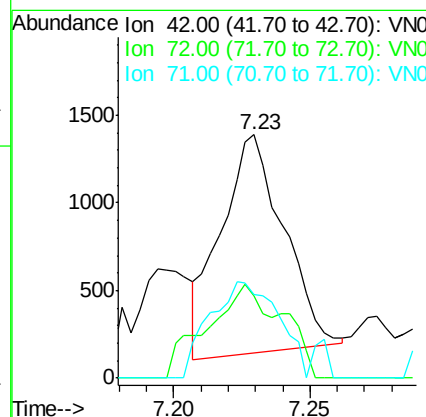
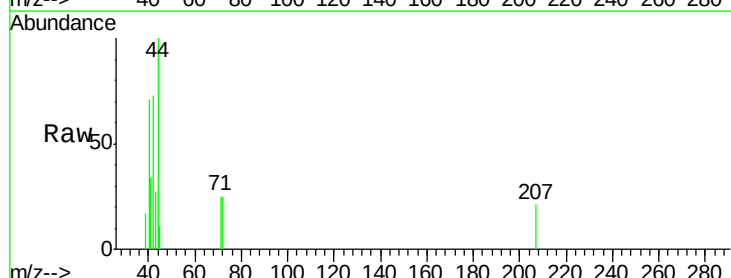
Instrument :
MSVOA_N
ClientSampleId :
PB110744 ZHE#03

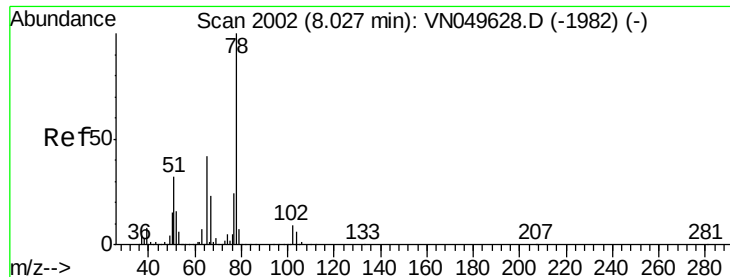
Tot Ion: 43 Resp: 10429
Ion Ratio Lower Upper
43 100
72 19.1 22.1 33.1#



#29
Tetrahydrofuran
Concen: 0.56 ug/l
RT: 7.23 min Scan# 1754
Delta R.T. 0.02 min
Lab File: VN049676.D
Acq: 2 Jul 2018 18:11

Tgt Ion: 42 Resp: 2012
Ion Ratio Lower Upper
42 100
72 51.1 35.6 53.4
71 47.5 34.0 51.0





#33

1,2-Dichloroethane-d4

Concen: 52.28 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049676.D

Acq: 2 Jul 2018 18:11

Instrument :

MSVOA_N

ClientSampleId :

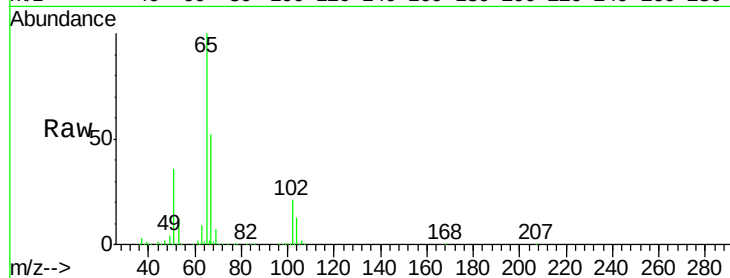
PB110744 ZHE#03

Tot Ion: 65 Resp: 890115

Ion Ratio Lower Upper

65 100

67 52.5 0.0 107.2



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

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

8.03

400000

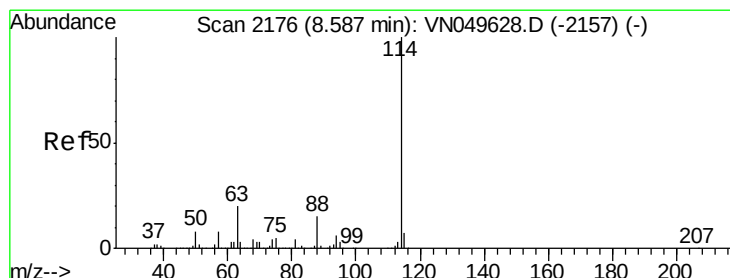
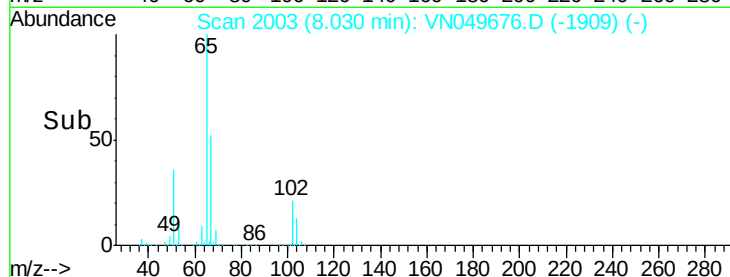
300000

200000

100000

0

Time--> 7.90 8.00 8.10 8.20



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN049676.D

Acq: 2 Jul 2018 18:11

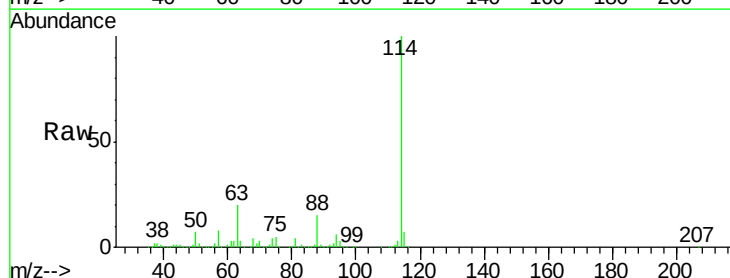
Tgt Ion: 114 Resp: 2087952

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.8

88 15.1 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): VN049628.D (-2157) (-)

Ion 63.00 (62.70 to 63.70): VN049628.D (-2157) (-)

Ion 87.90 (87.60 to 88.60): VN049628.D (-2157) (-)

8.59

1200000

1000000

800000

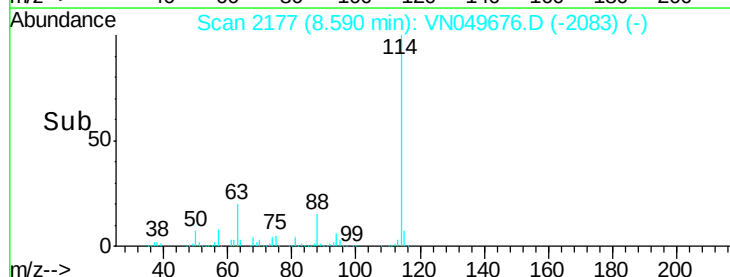
600000

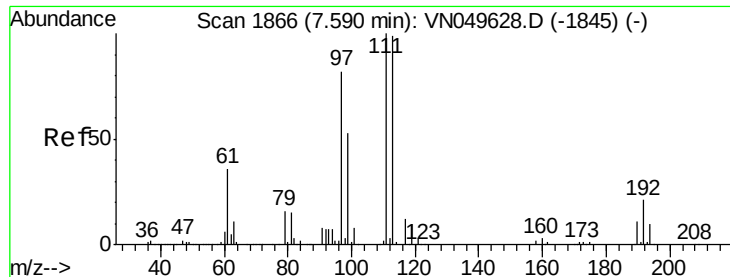
400000

200000

0

Time--> 8.40 8.50 8.60 8.70 8.80

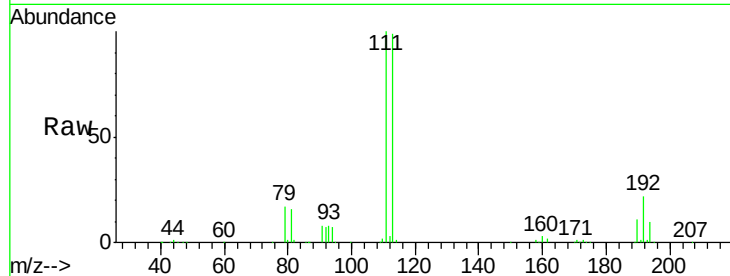




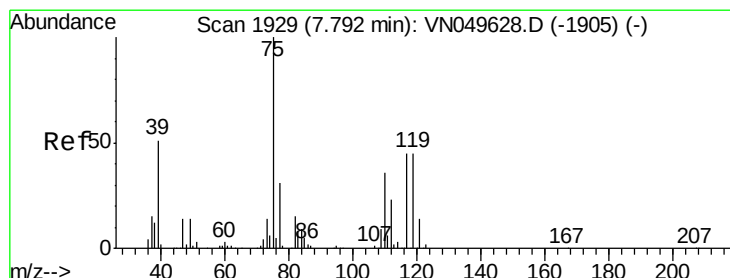
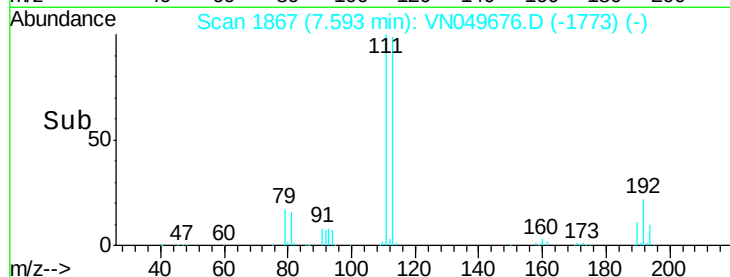
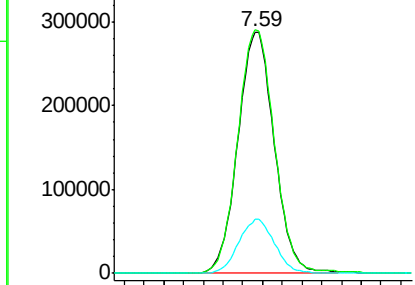
#35
 Dibromofluoromethane
 Concen: 47.03 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049676.D
 Acq: 2 Jul 2018 18:11

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110744 ZHE#03

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.8	122.8
192	22.2	17.8	26.6

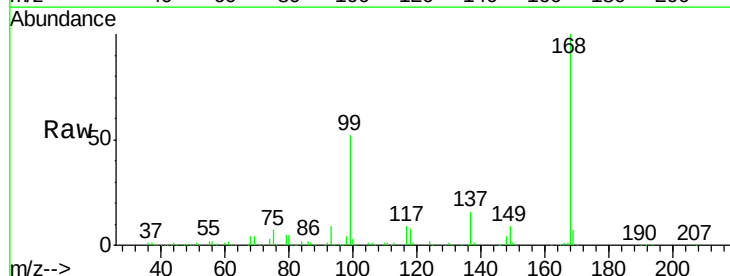


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

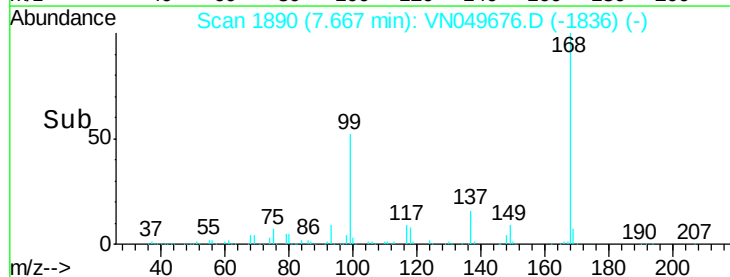
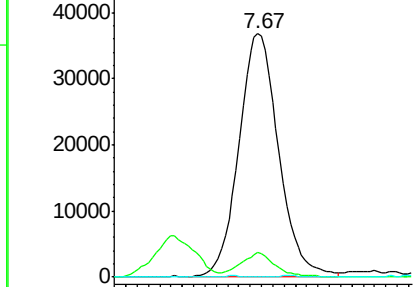


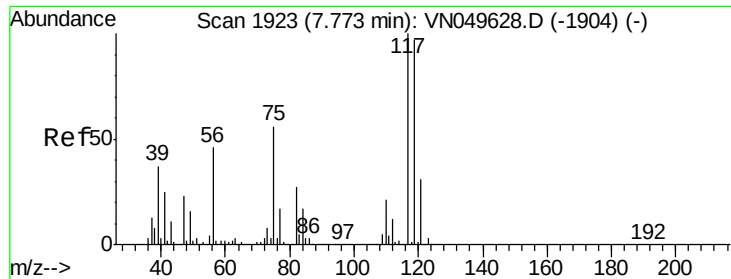
#36
 1,1-Dichloropropene
 Concen: 3.84 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN049676.D
 Acq: 2 Jul 2018 18:11

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.6	18.1	54.4#
77	0.0	24.9	37.3#



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 5.04 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.11 min

Lab File: VN049676.D

Acq: 2 Jul 2018 18:11

Instrument :

MSVOA_N

ClientSampleId :

PB110744 ZHE#03

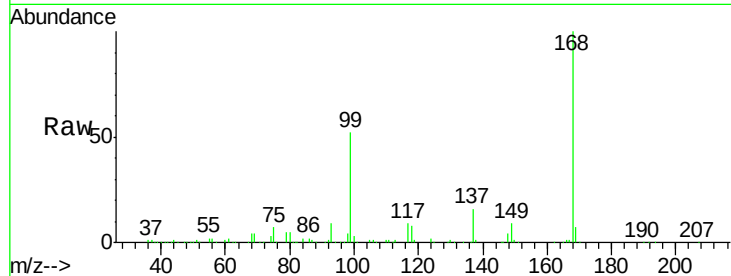
Tot Ion:117 Resp: 115063

Ion Ratio Lower Upper

117 100

119 6.6 77.2 115.8#

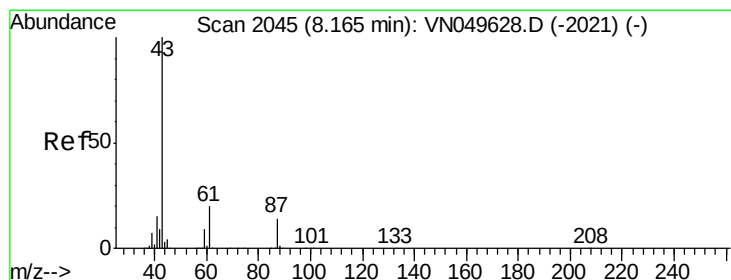
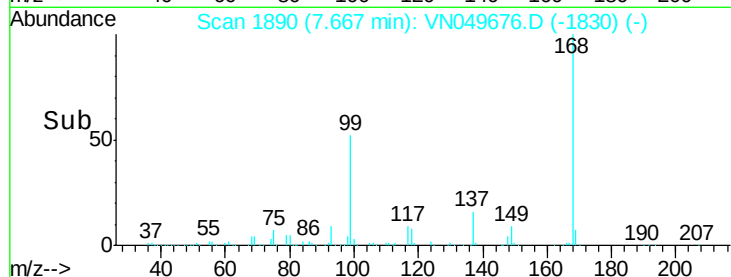
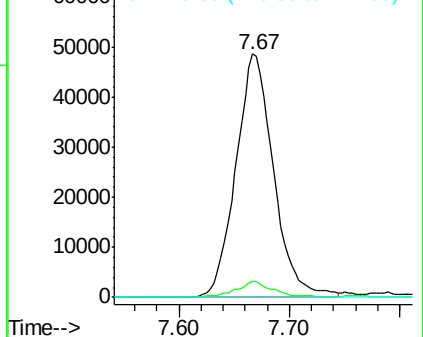
121 0.0 25.0 37.6#



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: 19.89 ug/l

RT: 8.26 min Scan# 2076

Delta R.T. 0.10 min

Lab File: VN049676.D

Acq: 2 Jul 2018 18:11

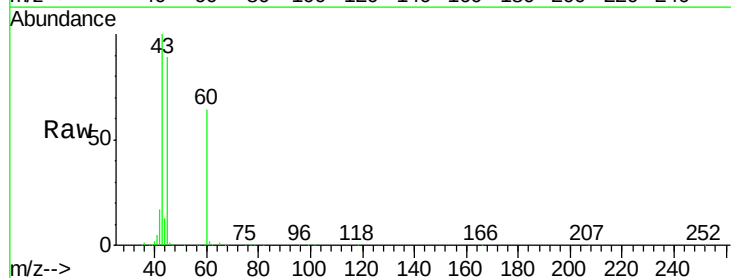
Tgt Ion: 43 Resp: 550497

Ion Ratio Lower Upper

43 100

61 0.2 14.9 22.3#

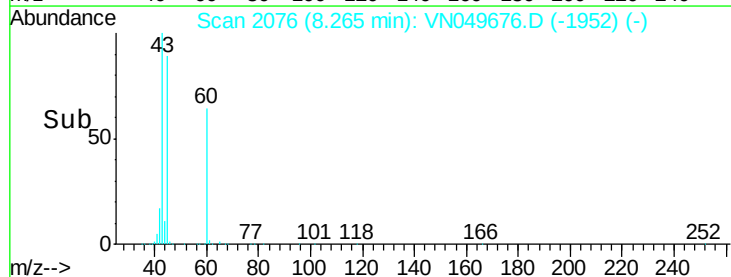
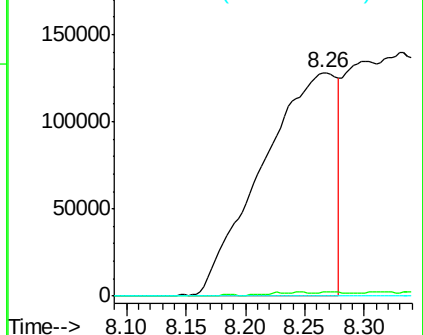
87 0.0 10.0 15.0#

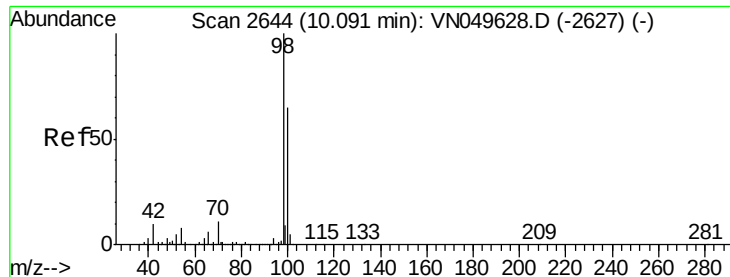


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

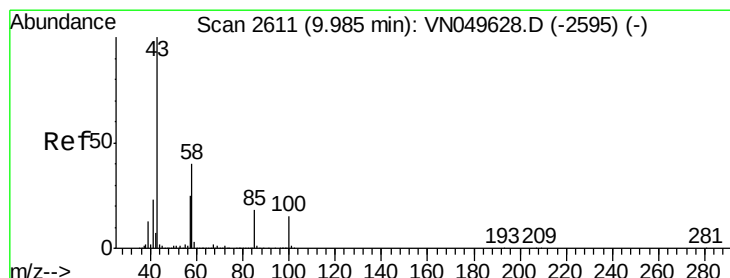
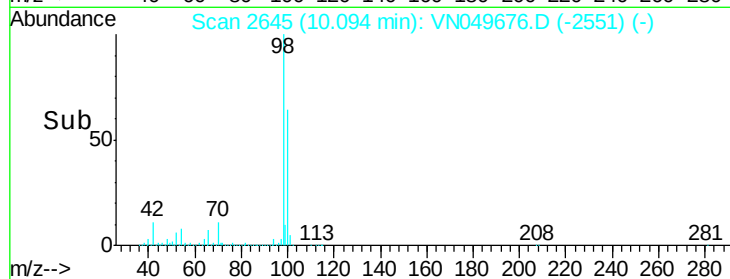
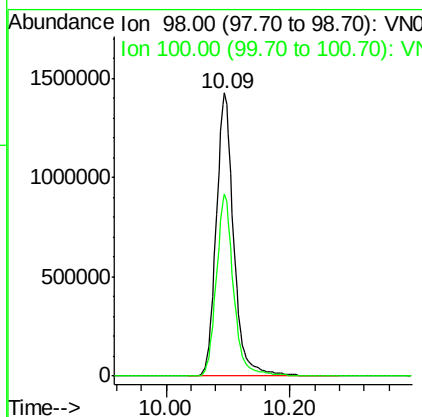
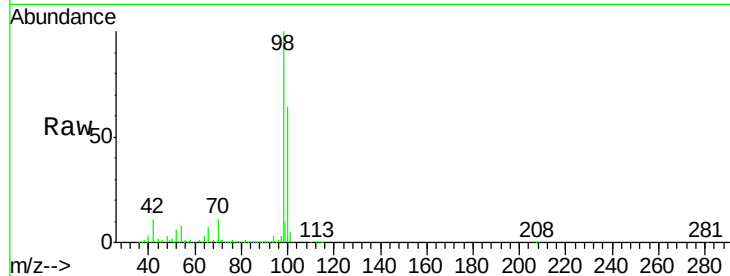




#50
Toluene-d8
Concen: 45.85 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049676.D
Acq: 2 Jul 2018 18:11

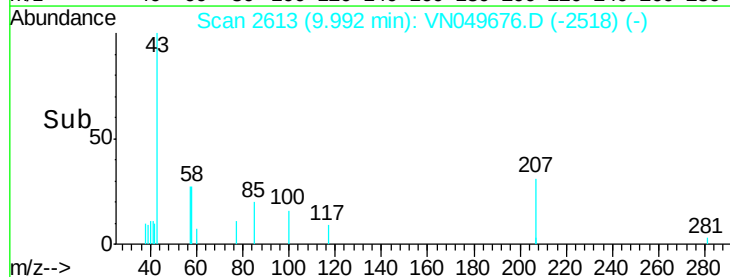
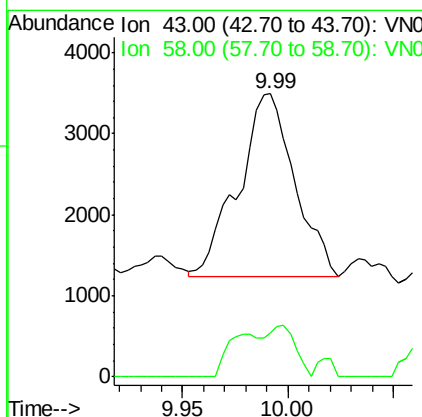
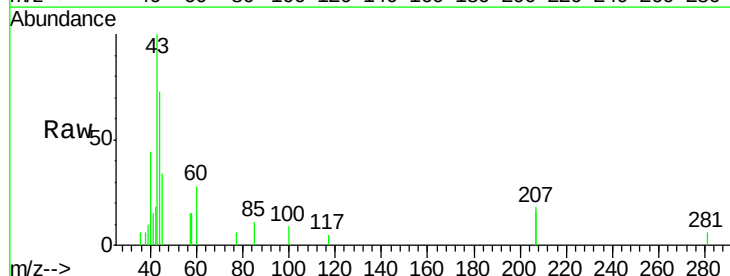
Instrument :
MSVOA_N
ClientSampleId :
PB110744 ZHE#03

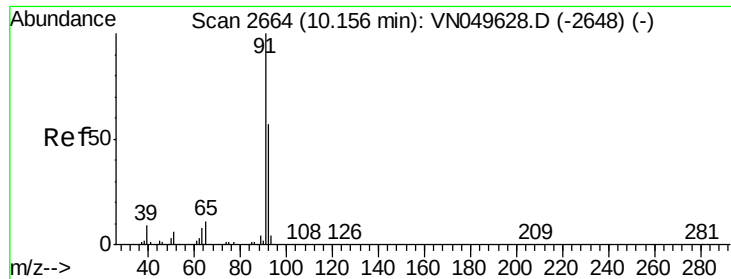
Tot Ion: 98 Resp: 2801510
Ion Ratio Lower Upper
98 100
100 63.5 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 0.31 ug/l
RT: 9.99 min Scan# 2613
Delta R.T. 0.01 min
Lab File: VN049676.D
Acq: 2 Jul 2018 18:11

Tgt Ion: 43 Resp: 4229
Ion Ratio Lower Upper
43 100
58 0.0 31.8 47.8#





#52

Toluene

Concen: 0.26 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. -0.00 min

Lab File: VN049676.D

Acq: 2 Jul 2018 18:11

Instrument :

MSVOA_N

ClientSampleId :

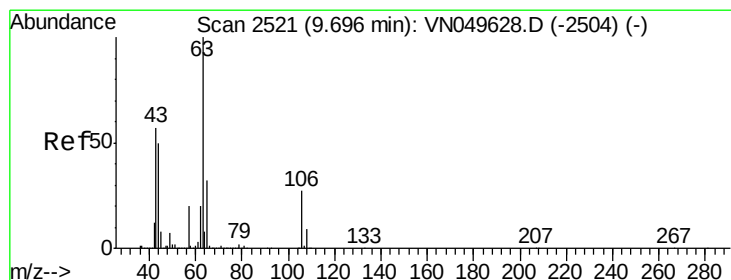
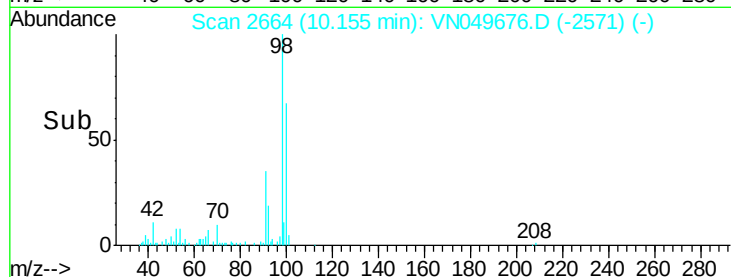
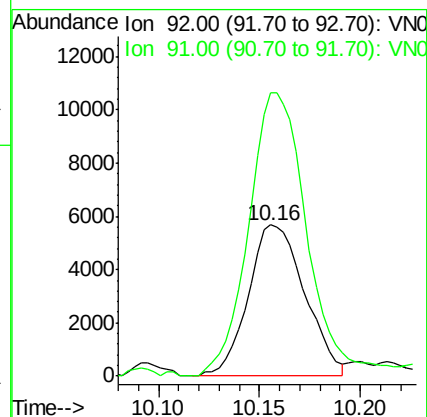
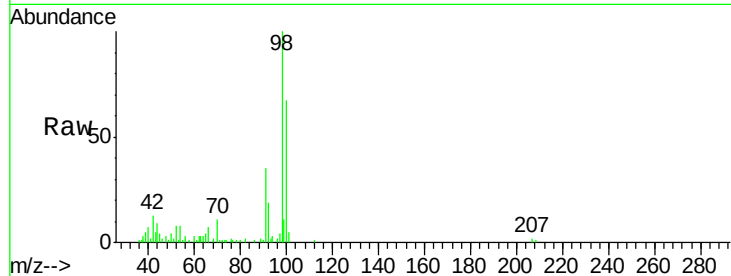
PB110744 ZHE#03

Tot Ion: 92 Resp: 11099

Ion Ratio Lower Upper

92 100

91 193.8 140.1 210.1



#58

2-Chloroethyl Vinyl ether

Concen: 10.83 ug/l

RT: 9.70 min Scan# 2522

Delta R.T. 0.00 min

Lab File: VN049676.D

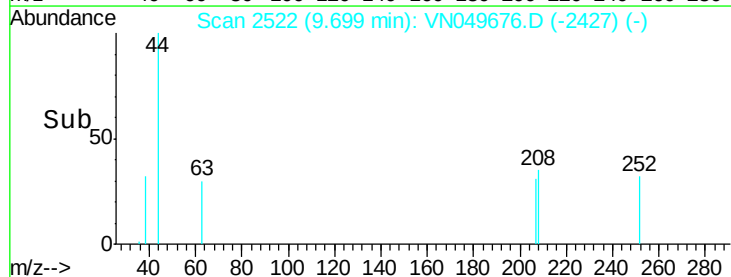
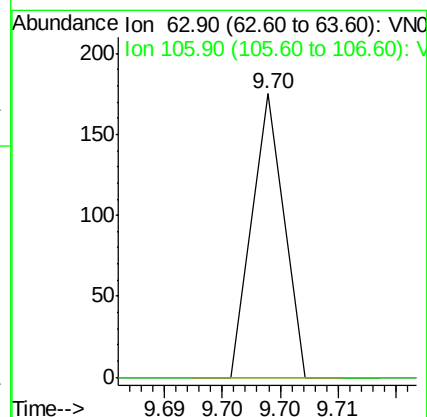
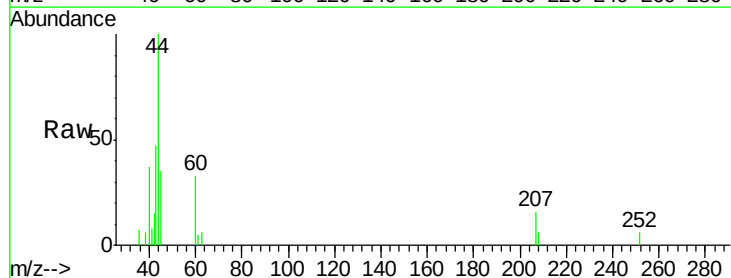
Acq: 2 Jul 2018 18:11

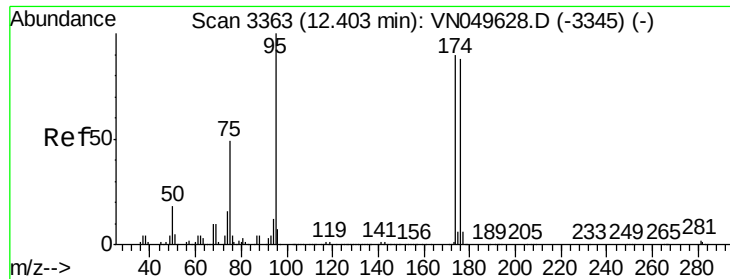
Tgt Ion: 63 Resp: 34

Ion Ratio Lower Upper

63 100

106 0.0 21.8 32.8#





#62

4-Bromofluorobenzene

Concen: 39.41 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049676.D

Acq: 2 Jul 2018 18:11

Instrument :

MSVOA_N

ClientSampleId :

PB110744 ZHE#03

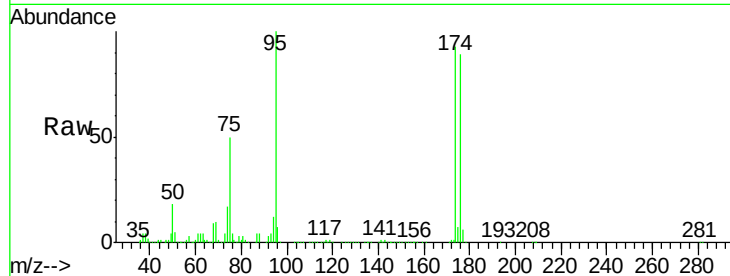
Tot Ion: 95 Resp: 822051

Ion Ratio Lower Upper

95 100

174 91.2 0.0 179.6

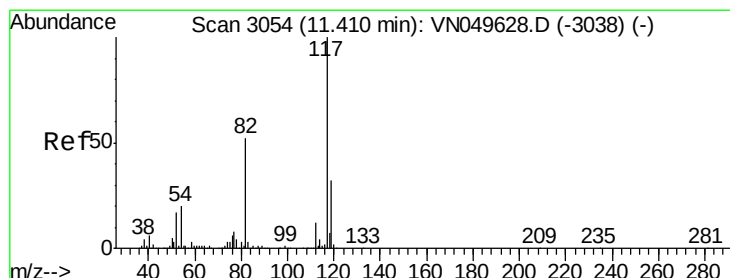
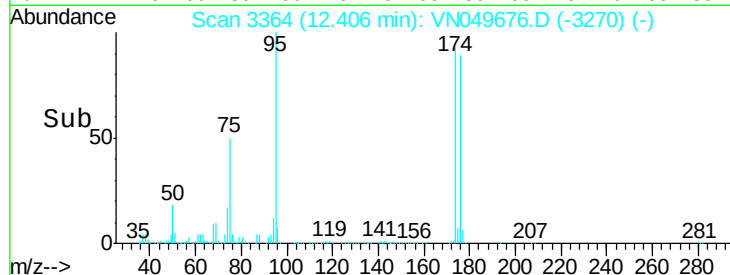
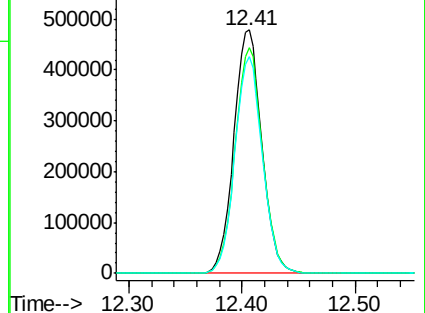
176 87.6 0.0 174.0



Abundance Ion 94.90 (94.60 to 95.60): VN049676.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049676.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049676.D (-3270) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3055

Delta R.T. 0.00 min

Lab File: VN049676.D

Acq: 2 Jul 2018 18:11

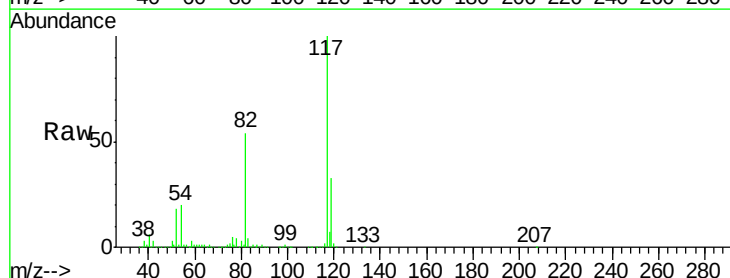
Tgt Ion: 117 Resp: 1725347

Ion Ratio Lower Upper

117 100

82 54.1 41.9 62.9

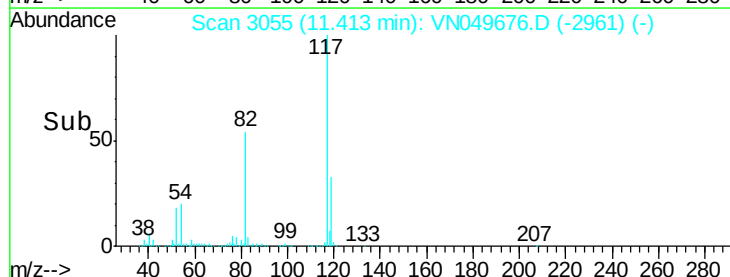
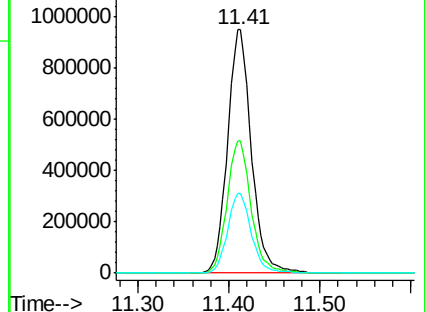
119 32.7 25.4 38.2

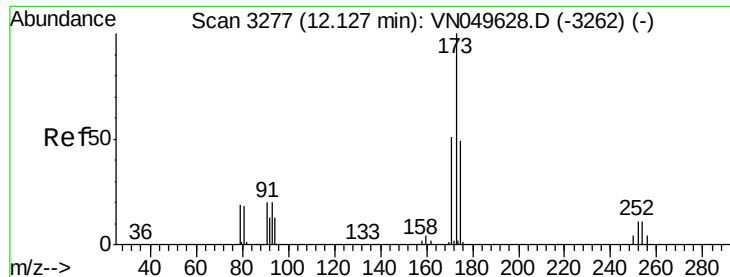


Abundance Ion 116.90 (116.60 to 117.60): VN049676.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049676.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049676.D (-2961) (-)





#71

Bromoform

Concen: 0.37 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.28 min

Lab File: VN049676.D

Acq: 2 Jul 2018 18:11

Instrument :

MSVOA_N

ClientSampleId :

PB110744 ZHE#03

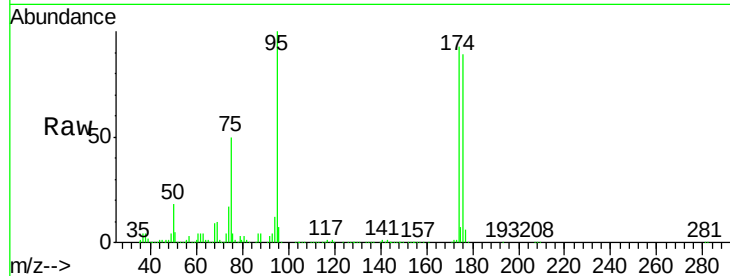
Tot Ion:173 Resp: 4015

Ion Ratio Lower Upper

173 100

175 1047.6 24.6 73.8#

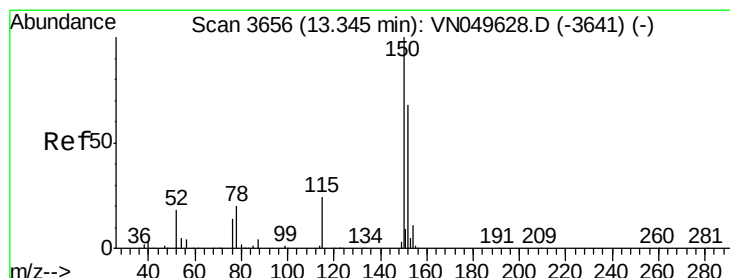
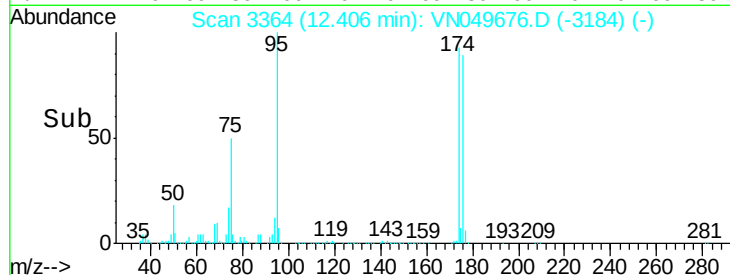
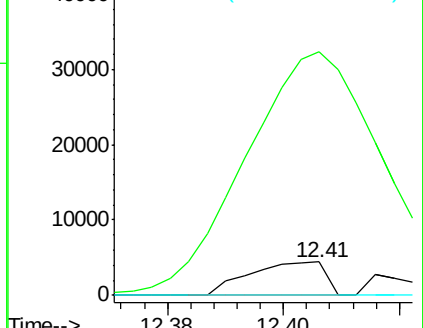
254 0.0 0.2 0.2#



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# 3657

Delta R.T. 0.00 min

Lab File: VN049676.D

Acq: 2 Jul 2018 18:11

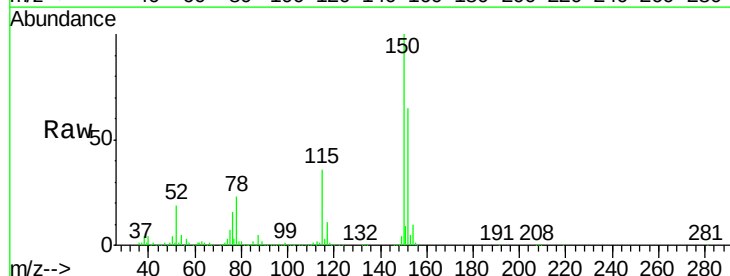
Tgt Ion:152 Resp: 687204

Ion Ratio Lower Upper

152 100

115 55.8 28.1 84.2

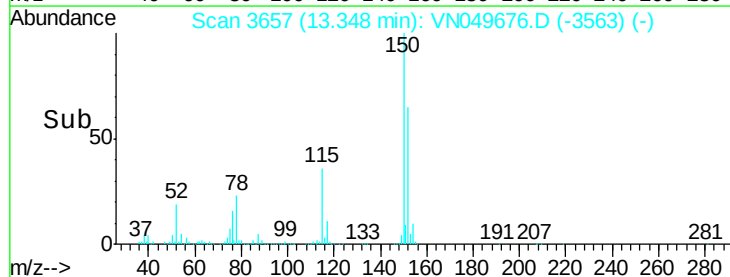
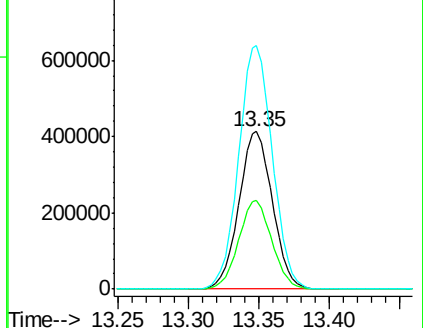
150 155.6 0.0 347.6

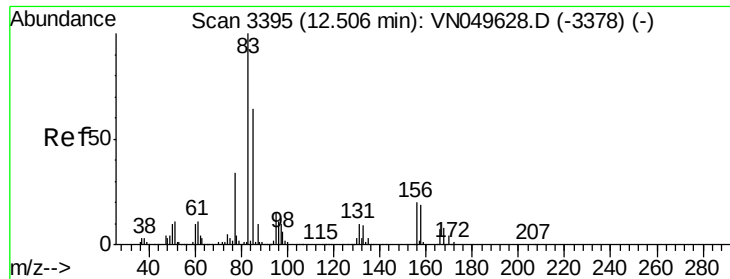


Abundance Ion 151.90 (151.60 to 152.60): V

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: 12.50 min Scan# 3392

Delta R.T. -0.01 min

Lab File: VN049676.D

Acq: 2 Jul 2018 18:11

Instrument :

MSVOA_N

ClientSampleId :

PB110744 ZHE#03

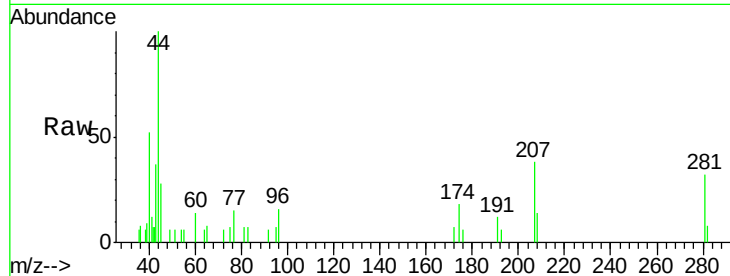
Tot Ion: 83 Resp: 95

Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

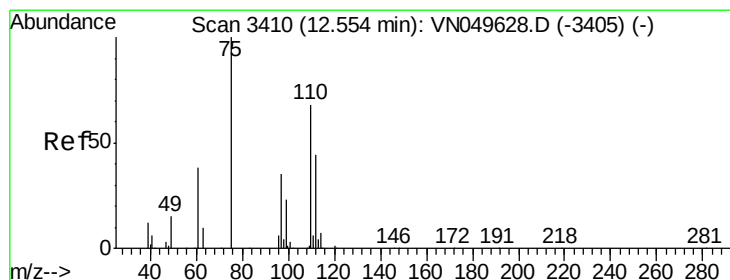
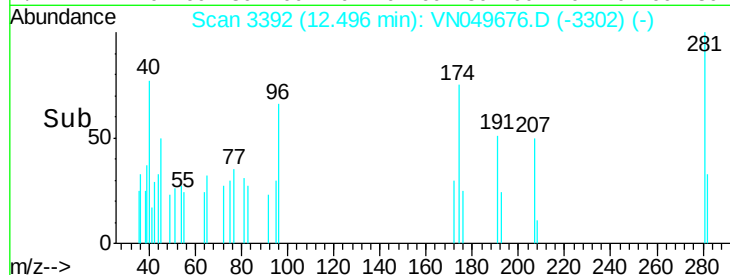
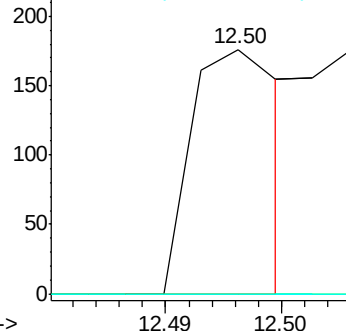
85 0.0 32.5 97.4#



Abundance Ion 82.90 (82.60 to 83.60): VNC

Ion 130.80 (130.50 to 131.50): VNC

Ion 84.90 (84.60 to 85.60): VNC



#76

1,2,3-Trichloropropane

Concen: 36.70 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. -0.15 min

Lab File: VN049676.D

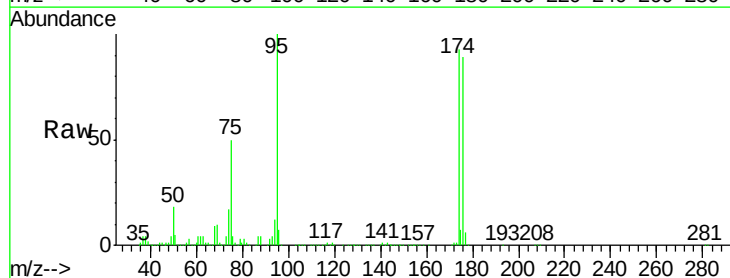
Acq: 2 Jul 2018 18:11

Tgt Ion: 75 Resp: 404489

Ion Ratio Lower Upper

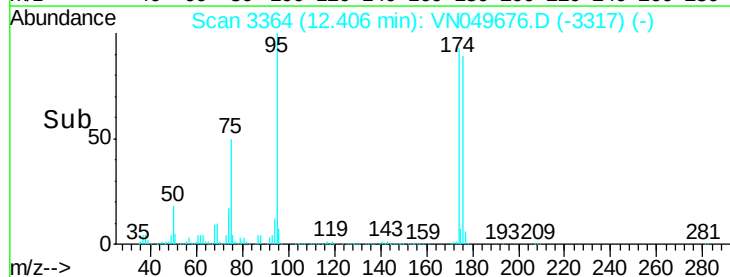
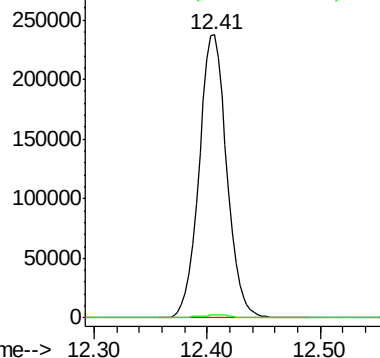
75 100

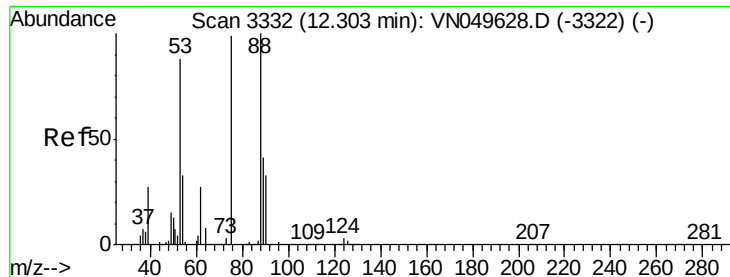
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 77.00 (76.70 to 77.70): VNC

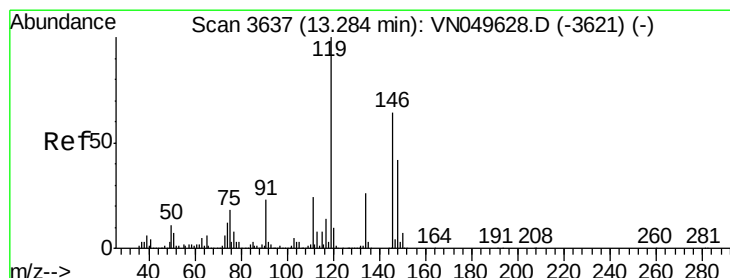
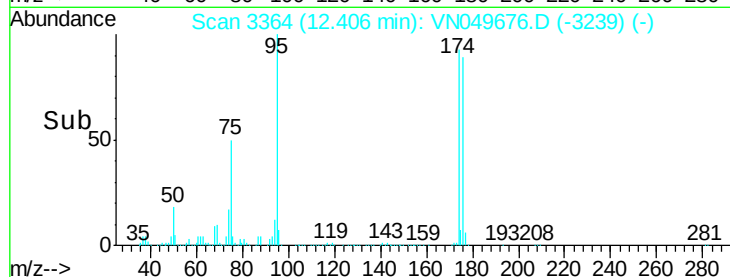
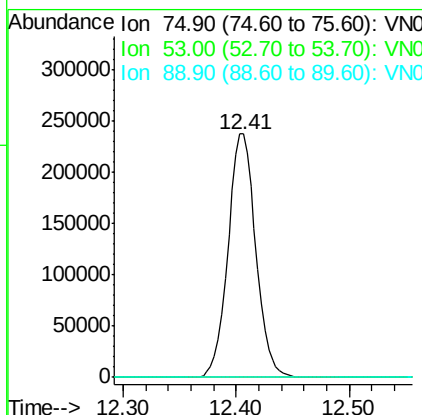
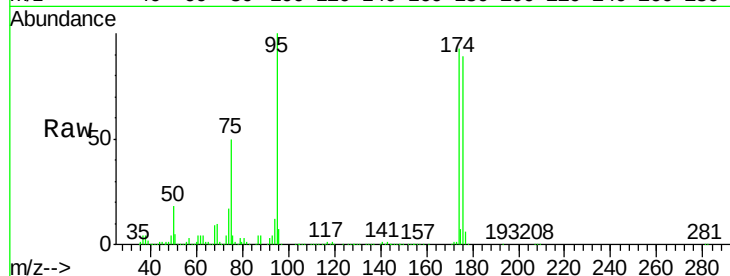




#81
trans-1,4-Dichloro-2-butene
Concen: 124.65 ug/l
RT: 12.41 min Scan# 3364
Delta R.T. 0.10 min
Lab File: VN049676.D
Acq: 2 Jul 2018 18:11

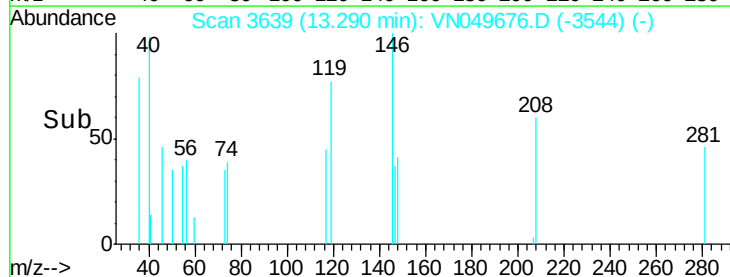
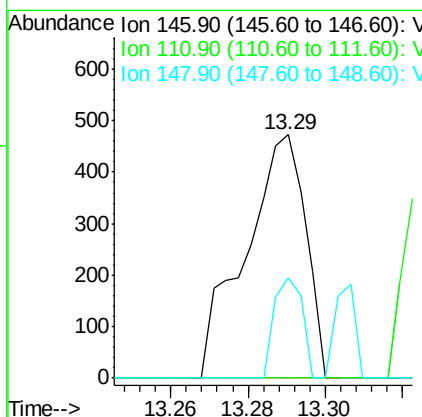
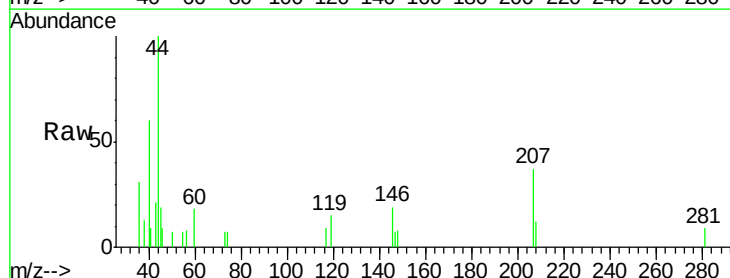
Instrument :
MSVOA_N
ClientSampleId :
PB110744 ZHE#03

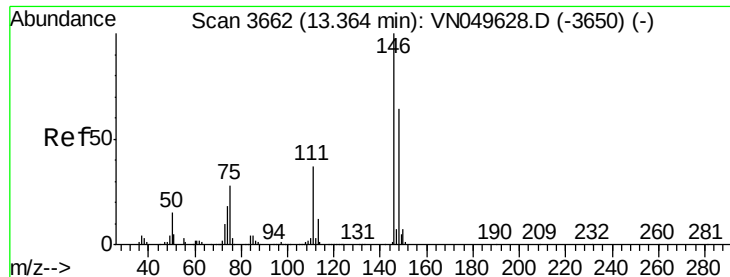
Tot Ion: 75 Resp: 404489
Ion Ratio Lower Upper
75 100
53 0.1 73.9 110.9#
89 0.0 35.9 53.9#



#87
1,3-Dichlorobenzene
Concen: Below Cal
RT: 13.29 min Scan# 3639
Delta R.T. 0.01 min
Lab File: VN049676.D
Acq: 2 Jul 2018 18:11

Tgt Ion: 146 Resp: 514
Ion Ratio Lower Upper
146 100
111 0.0 19.0 57.0#
148 19.3 32.5 97.5#





#88

1,4-Dichlorobenzene

Concen: Below Cal

RT: 13.37 min Scan# 3663

Delta R.T. 0.00 min

Lab File: VN049676.D

Acq: 2 Jul 2018 18:11

Instrument :

MSVOA_N

ClientSampleId :

PB110744 ZHE#03

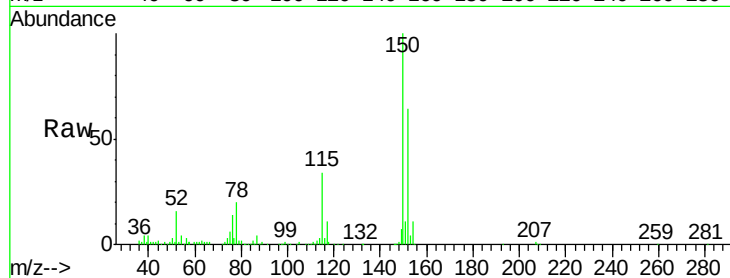
Tot Ion:146 Resp: 995

Ion Ratio Lower Upper

146 100

111 787.8 18.9 56.5#

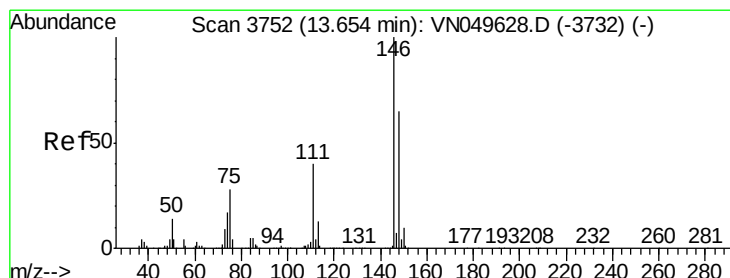
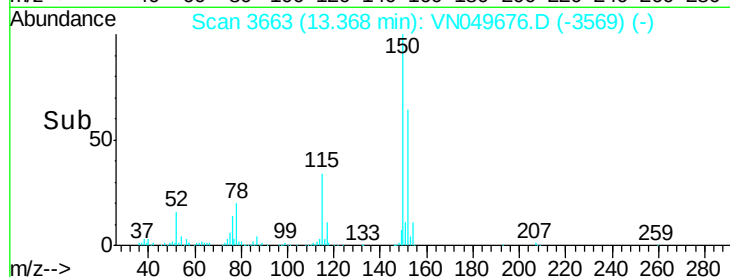
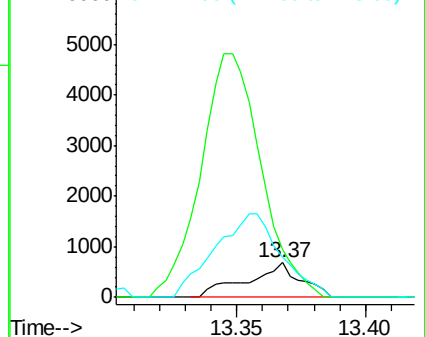
148 296.2 32.1 96.3#



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#91

1,2-Dichlorobenzene

Concen: Below Cal

RT: 13.66 min Scan# 3753

Delta R.T. 0.00 min

Lab File: VN049676.D

Acq: 2 Jul 2018 18:11

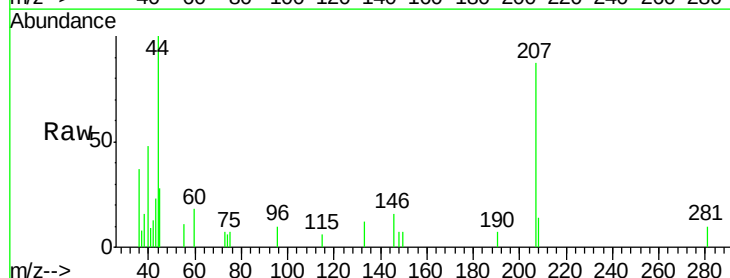
Tgt Ion:146 Resp: 530

Ion Ratio Lower Upper

146 100

111 0.0 19.7 59.1#

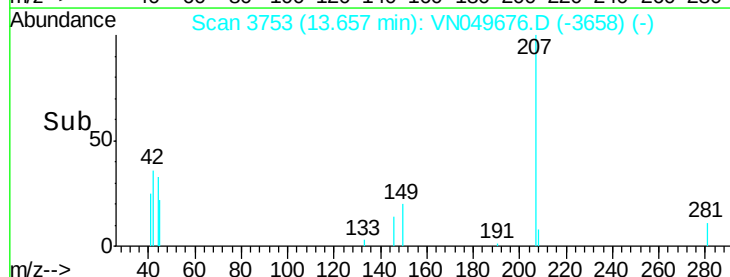
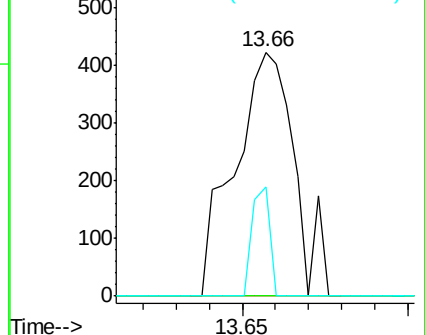
148 13.0 32.0 96.2#

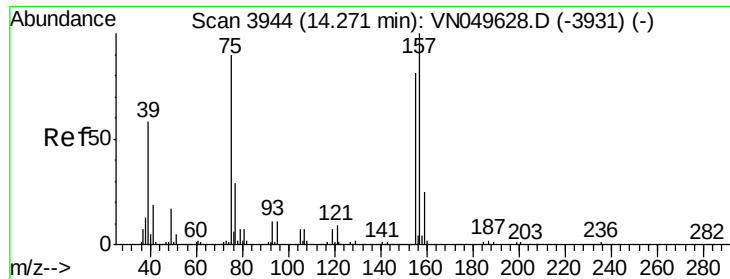


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.28 min Scan# 3946

Delta R.T. 0.01 min

Lab File: VN049676.D

Acq: 2 Jul 2018 18:11

Instrument :

MSVOA_N

ClientSampleId :

PB110744 ZHE#03

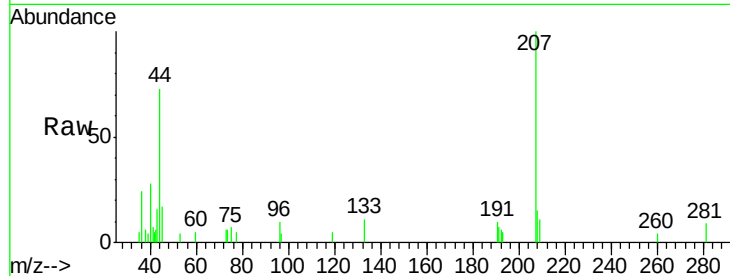
Tot Ion: 75 Resp: 410

Ion Ratio Lower Upper

75 100

155 0.0 45.7 137.1#

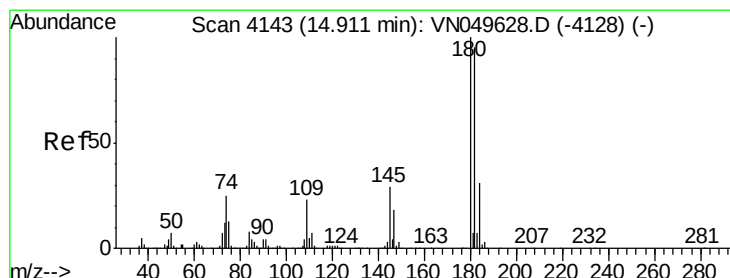
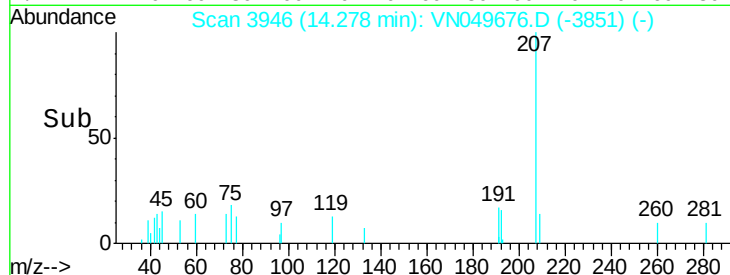
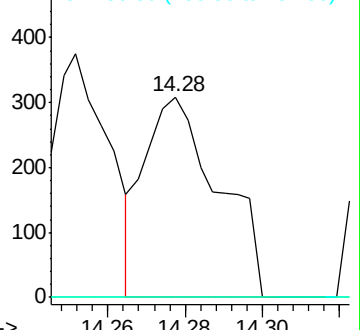
157 0.0 56.9 170.7#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 2.42 ug/l

RT: 14.91 min Scan# 4142

Delta R.T. -0.00 min

Lab File: VN049676.D

Acq: 2 Jul 2018 18:11

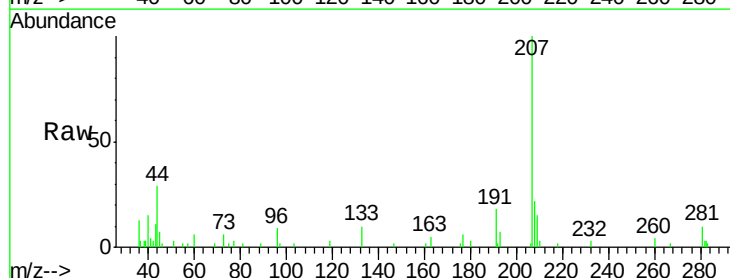
Tgt Ion:180 Resp: 235

Ion Ratio Lower Upper

180 100

182 12.8 47.3 141.9#

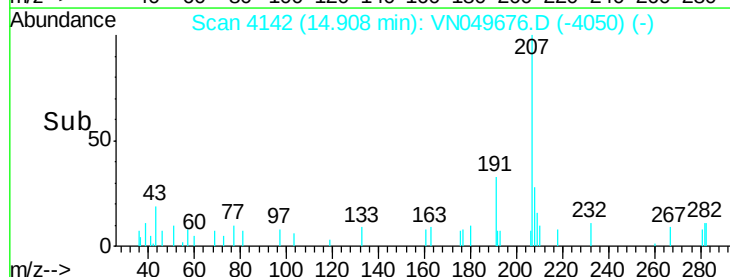
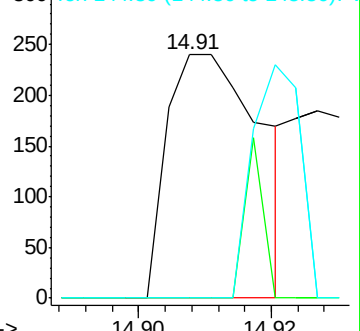
145 49.4 14.4 43.0#

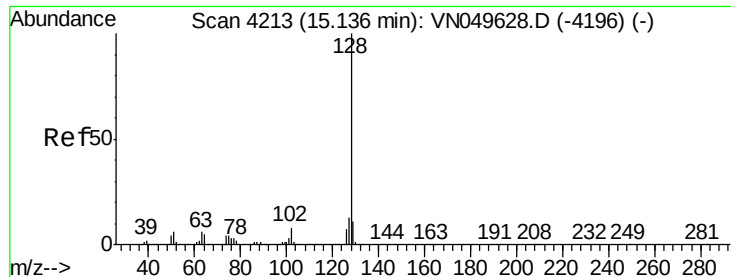


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

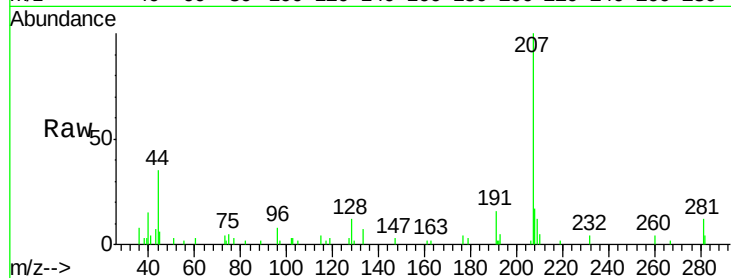




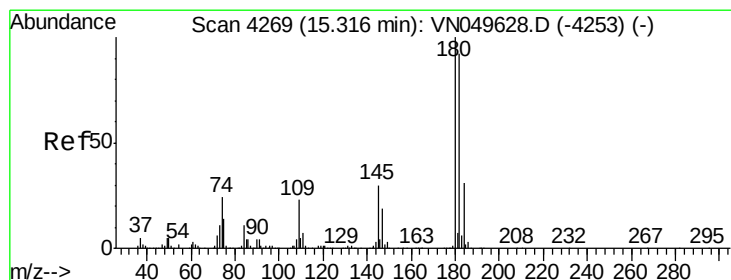
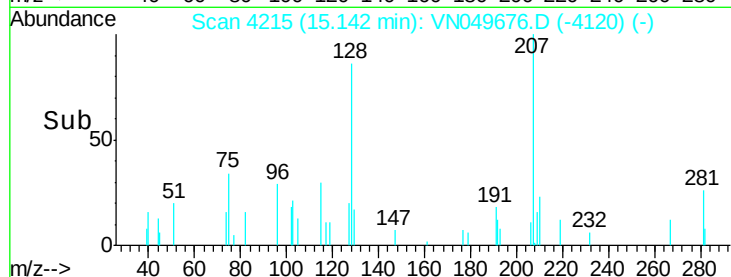
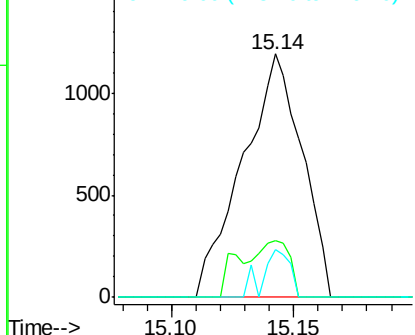
#95
Naphthalene
Concen: 4.11 ug/l
RT: 15.14 min Scan# 4215
Delta R.T. 0.01 min
Lab File: VN049676.D
Acq: 2 Jul 2018 18:11

Instrument :
MSVOA_N
ClientSampleId :
PB110744 ZHE#03

Tot Ion:128 Resp: 2009
Ion Ratio Lower Upper
128 100
127 11.6 10.4 15.6
129 8.9 8.6 13.0

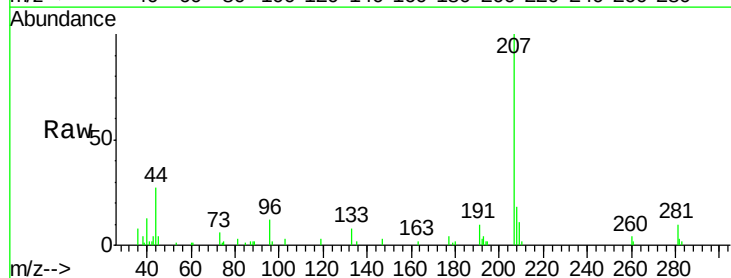


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 1.66 ug/l
RT: 15.33 min Scan# 4273
Delta R.T. 0.01 min
Lab File: VN049676.D
Acq: 2 Jul 2018 18:11

Tgt Ion:180 Resp: 141
Ion Ratio Lower Upper
180 100
182 50.4 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

