

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070218\
 Data File : VN049673.D
 Acq On : 2 Jul 2018 16:53
 Operator : MD\SY
 Sample : PB110744TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110744TB

Quant Time: Jul 03 03:48:20 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	1402358	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2229854	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1900026	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	747582	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	938111	50.66	ug/l	0.00
Spiked Amount			Recovery	=	101.32%	
35) Dibromofluoromethane	7.59	113	778330	46.69	ug/l	0.00
Spiked Amount			Recovery	=	93.38%	
50) Toluene-d8	10.09	98	3031971	46.47	ug/l	0.00
Spiked Amount			Recovery	=	92.94%	
62) 4-Bromofluorobenzene	12.40	95	908341	40.77	ug/l	0.00
Spiked Amount			Recovery	=	81.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.80	59	228	0.21	ug/l #	72
13) Acrolein	3.61	56	603	0.61	ug/l #	15
16) Acetone	3.83	43	51051	5.93	ug/l	94
17) Carbon Disulfide	4.05	76	3386	Below Cal	#	88
18) Methyl Acetate	4.34	43	110612	1.45	ug/l	97
20) Methylene Chloride	4.55	84	20379	1.07	ug/l	95
25) 2-Butanone	6.84	43	4391	0.71	ug/l	95
29) Tetrahydrofuran	7.21	42	901	0.23	ug/l #	59
31) Cyclohexane	7.67	56	26822	0.23	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	95911	3.82	ug/l #	49
38) Carbon Tetrachloride	7.67	117	127998	5.25	ug/l #	16
43) Isopropyl Acetate	8.30	43	300458	9.88	ug/l #	62
49) 1,4-Dioxane	9.23	88	67	0.38	ug/l #	26
51) 4-Methyl-2-Pentanone	9.99	43	5054	0.35	ug/l #	64
52) Toluene	10.16	92	140403	3.03	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.95	63	97	10.83	ug/l #	48
68) m/p-Xylenes	11.62	106	35781	1.14	ug/l	96
69) o-Xylene	11.95	106	11906	0.40	ug/l	98
71) Bromoform	12.40	173	6088	0.51	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.50	83	71	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	445288	37.14	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	11664	0.24	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	445288	126.14	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.04	105	39341	0.77	ug/l	94
87) 1,3-Dichlorobenzene	13.29	146	850	Below Cal	#	50
88) 1,4-Dichlorobenzene	13.36	146	1402	Below Cal	#	1
90) Hexachloroethane	13.89	117	1692	0.33	ug/l #	4
91) 1,2-Dichlorobenzene	13.66	146	386	Below Cal		73
92) 1,2-Dibromo-3-Chloropropan	14.26	75	1222	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.91	180	324	2.43	ug/l	75
94) Hexachlorobutadiene	15.01	225	60	Below Cal	#	19
95) Naphthalene	15.14	128	17091	4.56	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.31	180	130	1.66	ug/l #	12

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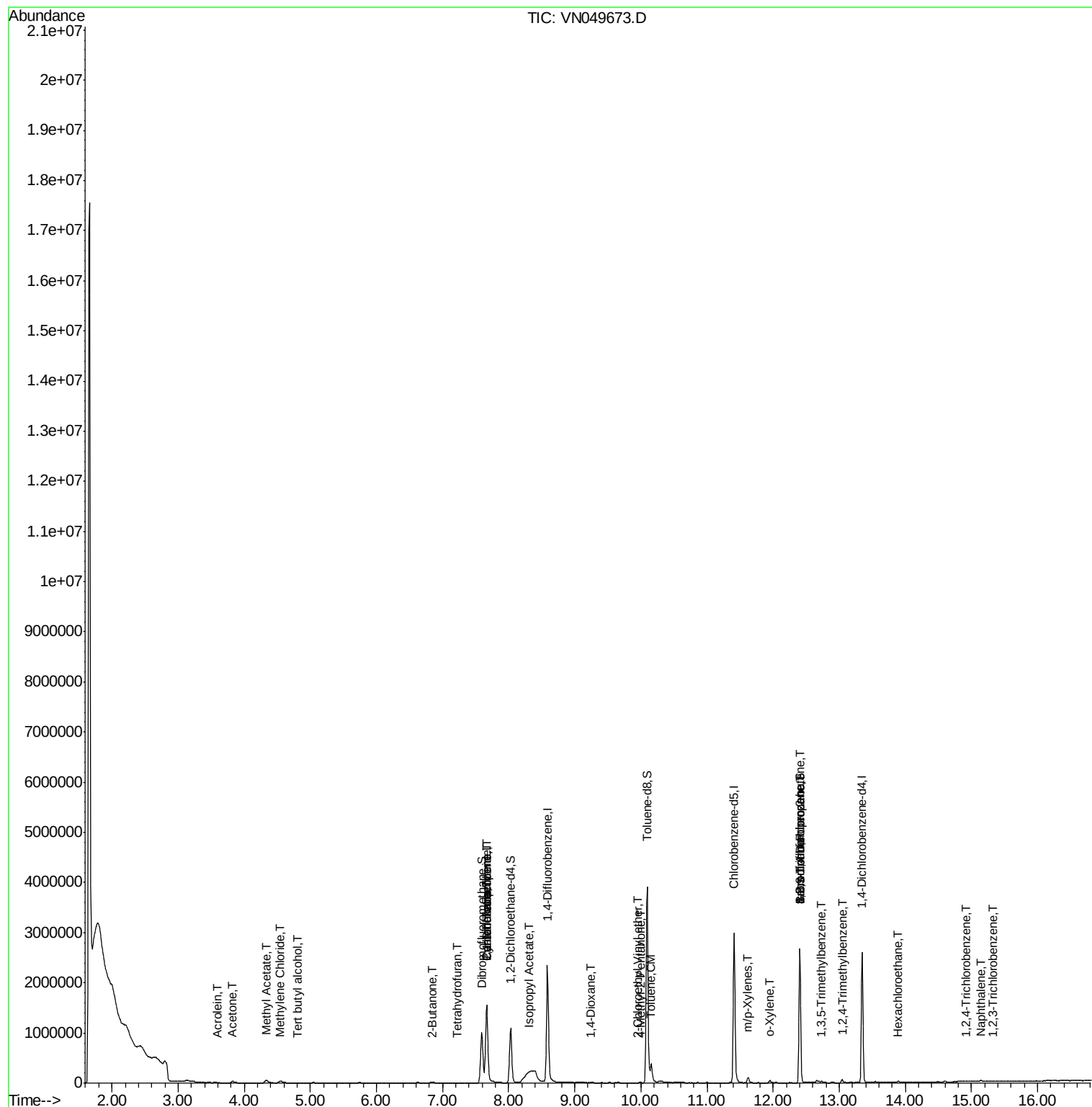
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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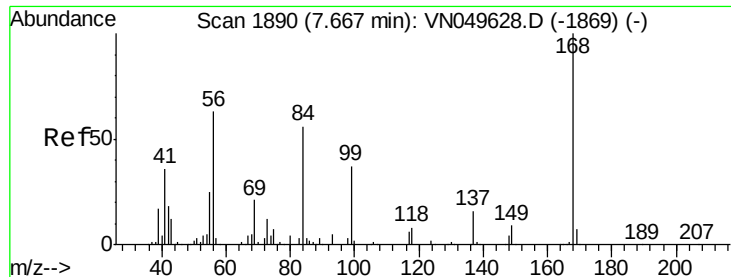
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049673.D

Acq: 2 Jul 2018 16:53

Instrument :

MSVOA_N

ClientSampleId :

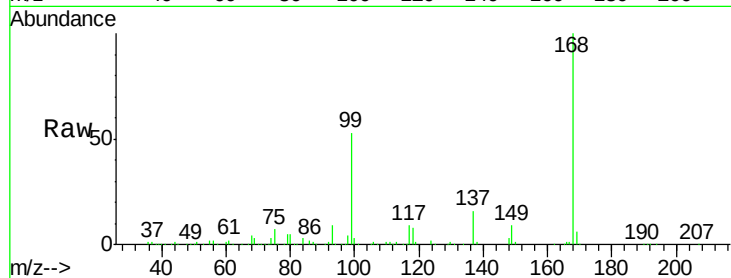
PB110744TB

Tot Ion:168 Resp: 1402358

Ion Ratio Lower Upper

168 100

99 52.6 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

600000

500000

400000

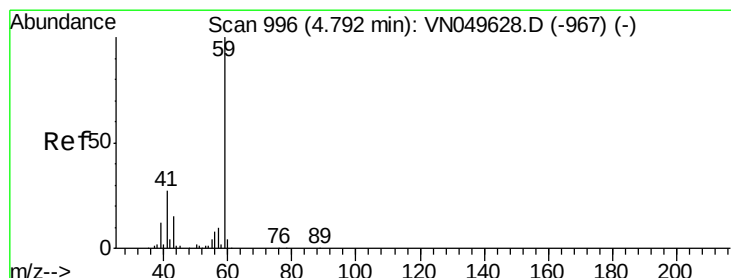
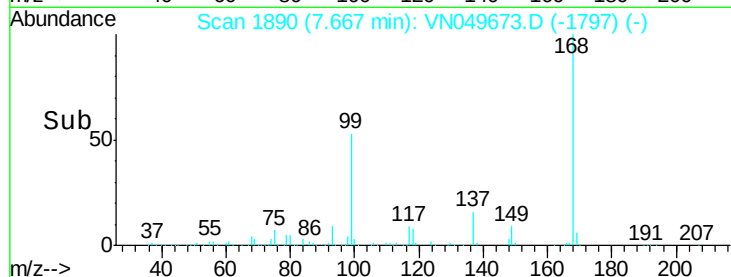
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.21 ug/l

RT: 4.80 min Scan# 997

Delta R.T. 0.00 min

Lab File: VN049673.D

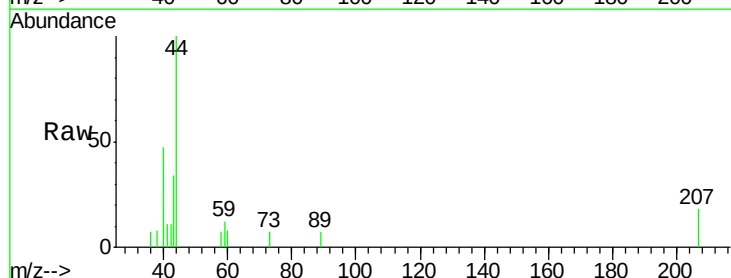
Acq: 2 Jul 2018 16:53

Tgt Ion: 59 Resp: 228

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

4.80

300

250

200

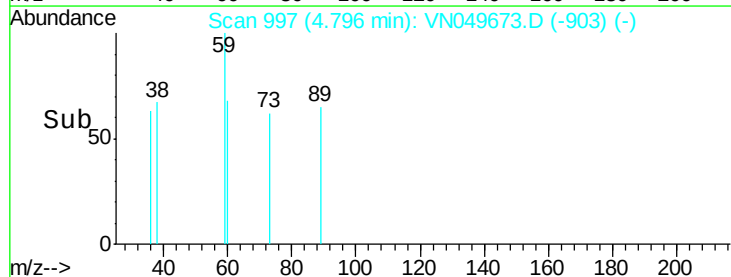
150

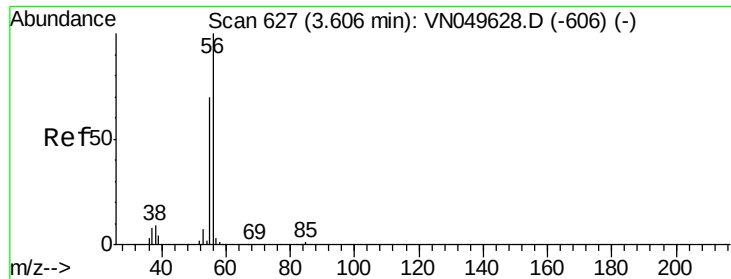
100

50

0

Time-->

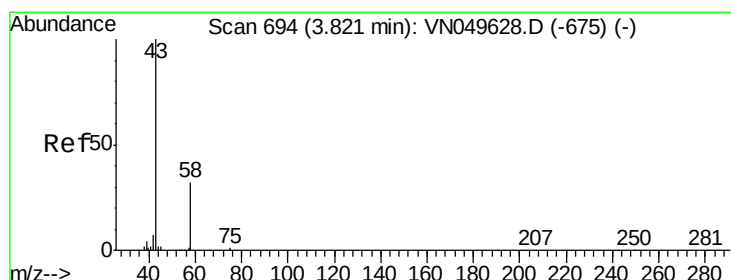
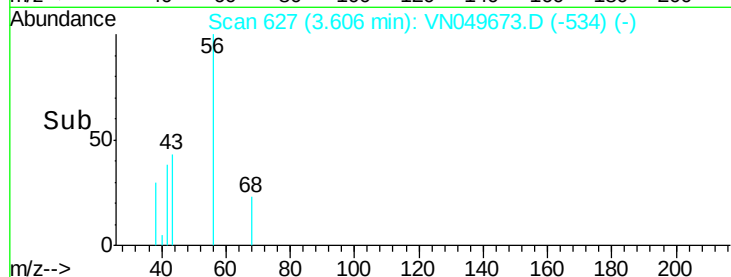
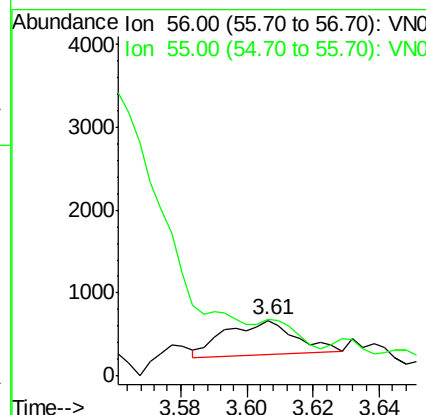
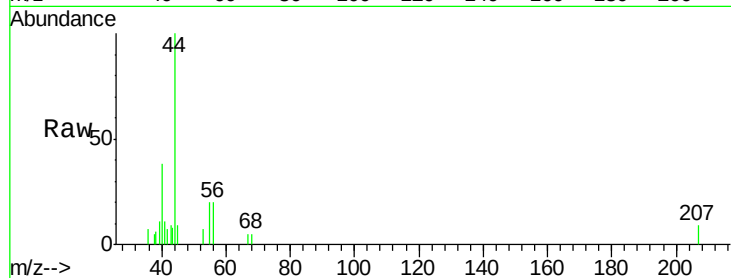




#13
Acrolein
Concen: 0.61 ug/l
RT: 3.61 min Scan# 627
Delta R.T. 0.00 min
Lab File: VN049673.D
Acq: 2 Jul 2018 16:53

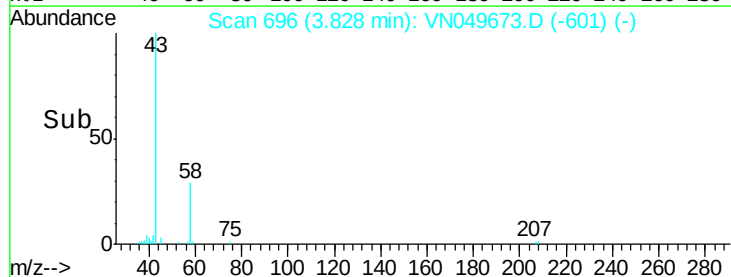
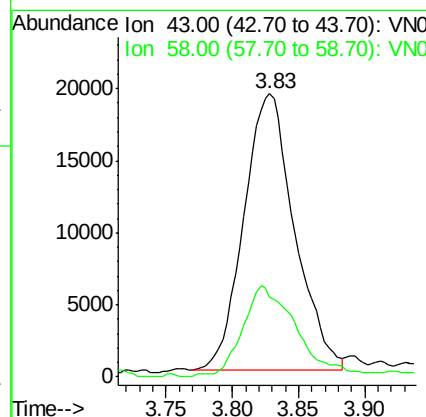
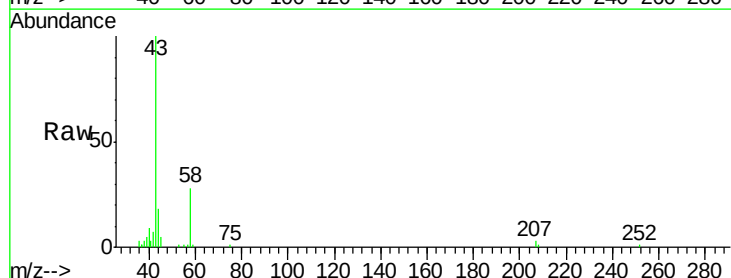
Instrument :
MSVOA_N
ClientSampleId :
PB110744TB

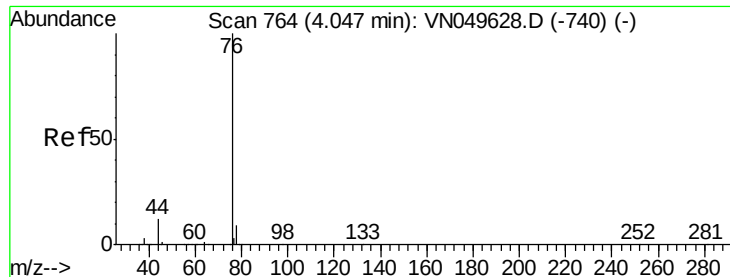
Tot Ion: 56 Resp: 603
Ion Ratio Lower Upper
56 100
55 0.0 55.8 83.8#



#16
Acetone
Concen: 5.93 ug/l
RT: 3.83 min Scan# 696
Delta R.T. 0.01 min
Lab File: VN049673.D
Acq: 2 Jul 2018 16:53

Tgt Ion: 43 Resp: 51051
Ion Ratio Lower Upper
43 100
58 29.2 25.9 38.9





#17

Carbon Disulfide

Concen: Below Cal

RT: 4.05 min Scan# 765

Delta R.T. 0.00 min

Lab File: VN049673.D

Acq: 2 Jul 2018 16:53

Instrument :

MSVOA_N

ClientSampleId :

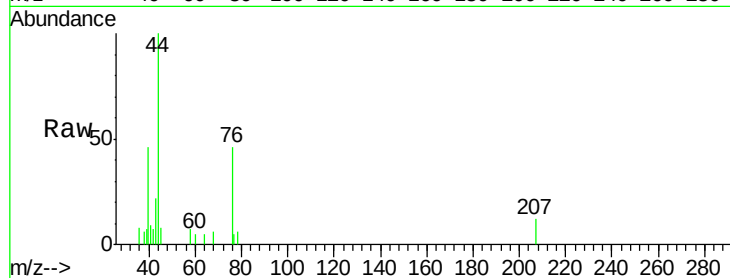
PB110744TB

Tot Ion: 76 Resp: 3386

Ion Ratio Lower Upper

76 100

78 13.2 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VN049628.D (-740) (-)

Ion 77.90 (77.60 to 78.60): VN049628.D (-740) (-)

4.05

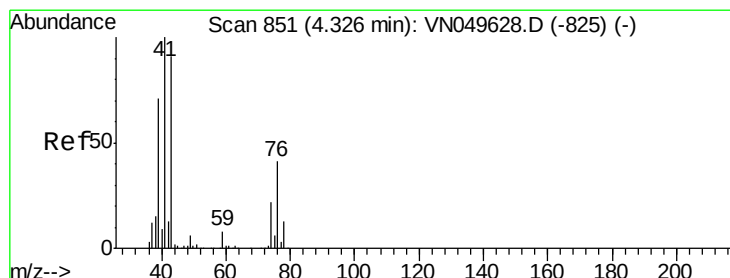
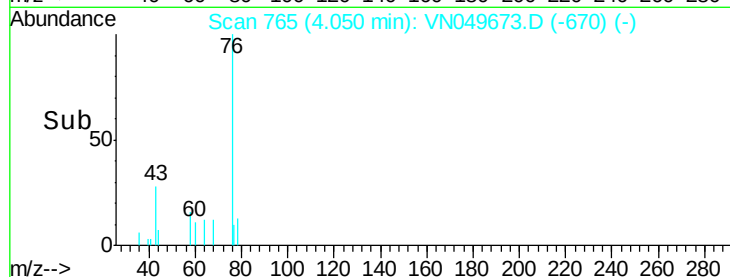
1500

1000

500

0

Time-->



#18

Methyl Acetate

Concen: 1.45 ug/l

RT: 4.34 min Scan# 854

Delta R.T. 0.01 min

Lab File: VN049673.D

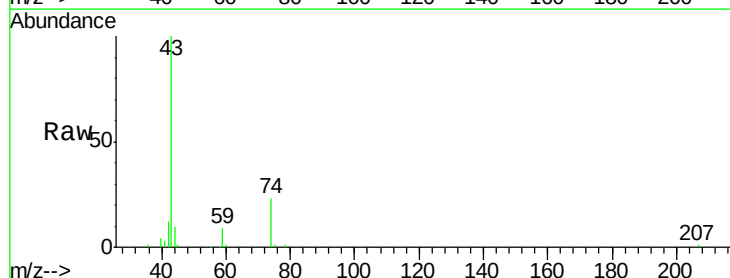
Acq: 2 Jul 2018 16:53

Tgt Ion: 43 Resp: 110612

Ion Ratio Lower Upper

43 100

74 23.2 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN049628.D (-825) (-)

Ion 74.00 (73.70 to 74.70): VN049628.D (-825) (-)

4.34

40000

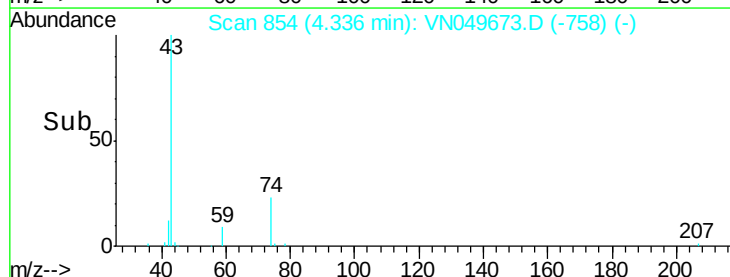
30000

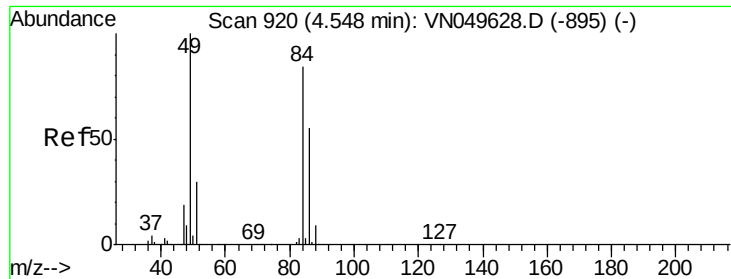
20000

10000

0

Time-->

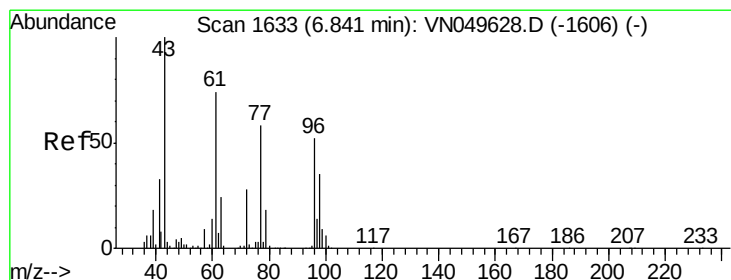
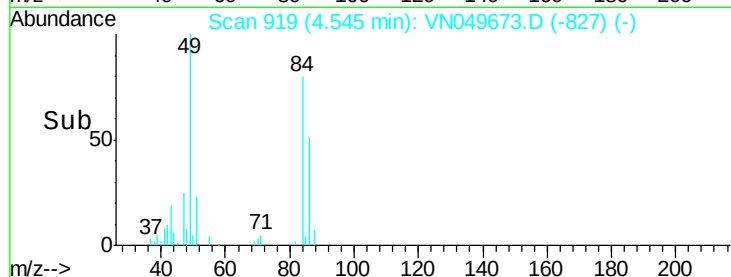
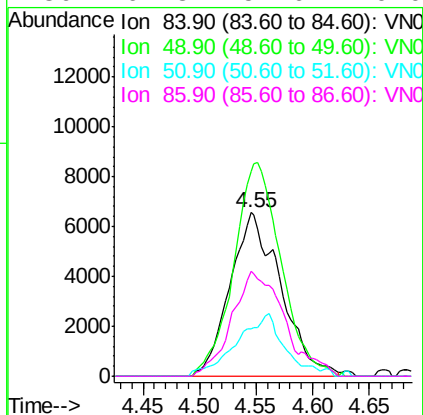
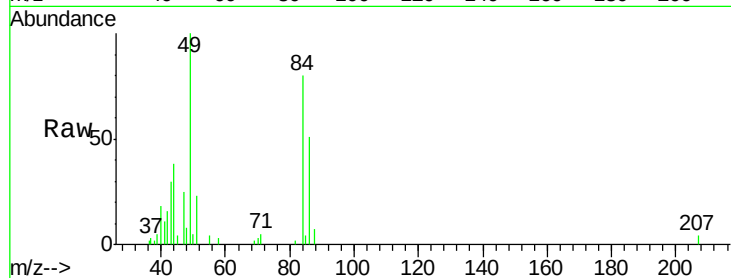




#20
Methvlene Chloride
Concen: 1.07 ug/l
RT: 4.55 min Scan# 919
Delta R.T. -0.00 min
Lab File: VN049673.D
Acq: 2 Jul 2018 16:53

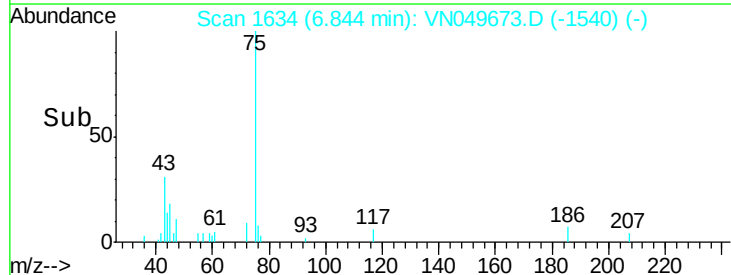
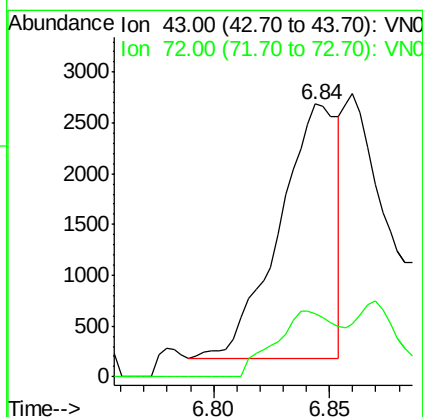
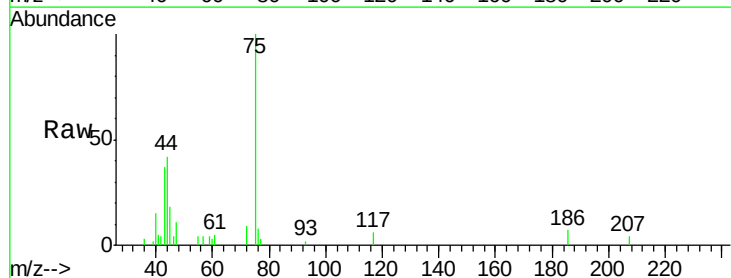
Instrument :
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ClientSampleId :
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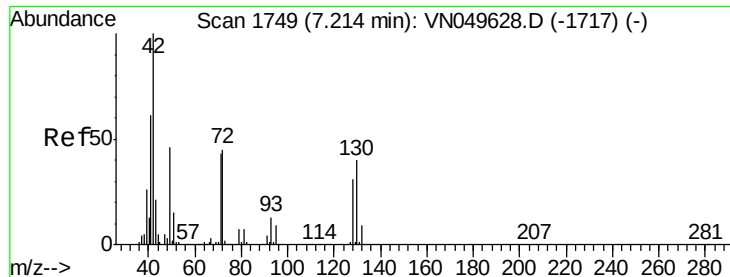
Tot Ion: 84 Resp: 20379
Ion Ratio Lower Upper
84 100
49 125.0 95.4 143.2
51 29.2 28.4 42.6
86 64.3 52.6 79.0



#25
2-Butanone
Concen: 0.71 ug/l
RT: 6.84 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VN049673.D
Acq: 2 Jul 2018 16:53

Tgt Ion: 43 Resp: 4391
Ion Ratio Lower Upper
43 100
72 24.9 22.1 33.1





#29

Tetrahydrofuran

Concen: 0.23 ug/l

RT: 7.21 min Scan# 1749

Delta R.T. 0.00 min

Lab File: VN049673.D

Acq: 2 Jul 2018 16:53

Instrument :

MSVOA_N

ClientSampled :

PB110744TB

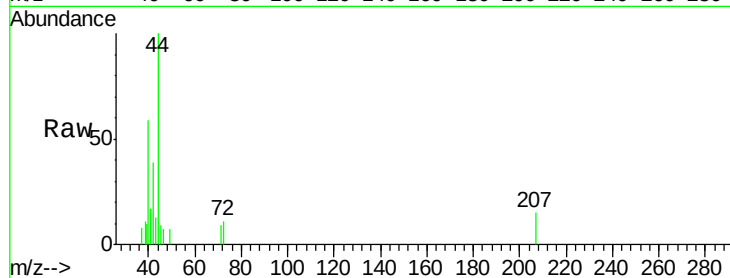
Tot Ion: 42 Resp: 901

Ion Ratio Lower Upper

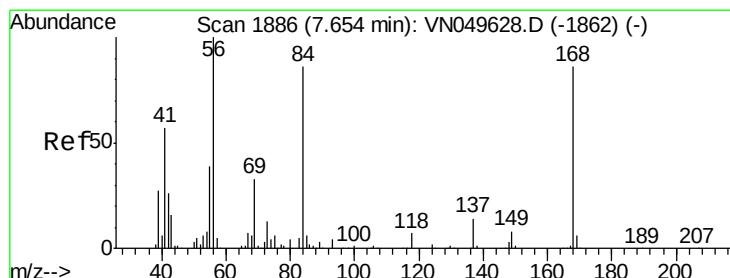
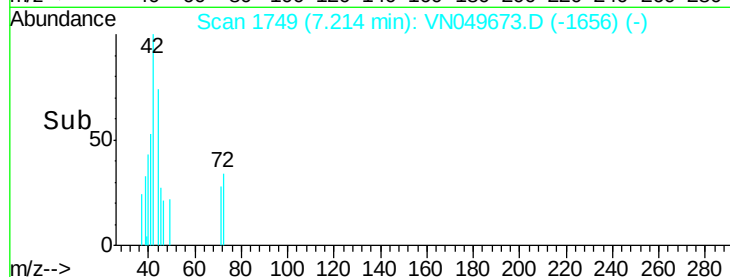
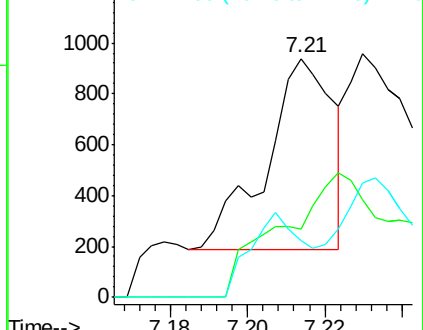
42 100

72 0.0 35.6 53.4#

71 35.0 34.0 51.0



Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0



#31

Cyclohexane

Concen: 0.23 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VN049673.D

Acq: 2 Jul 2018 16:53

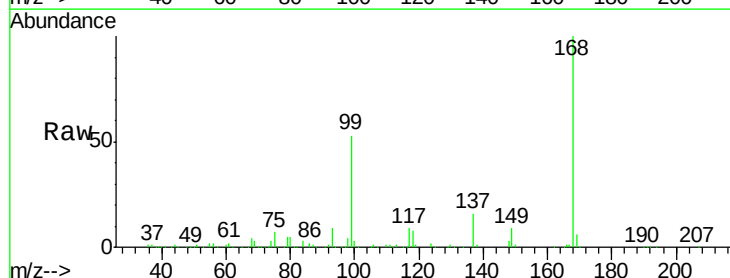
Tgt Ion: 56 Resp: 26822

Ion Ratio Lower Upper

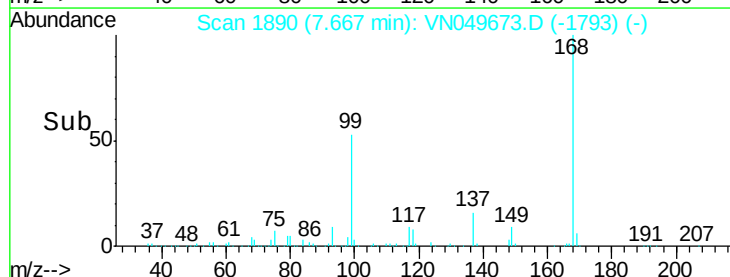
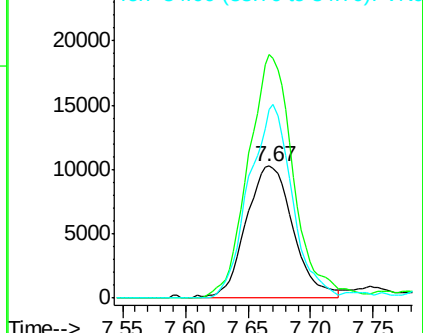
56 100

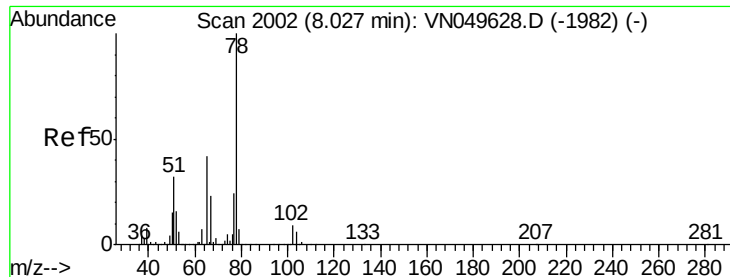
69 184.5 26.6 40.0#

84 142.5 69.0 103.6#



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

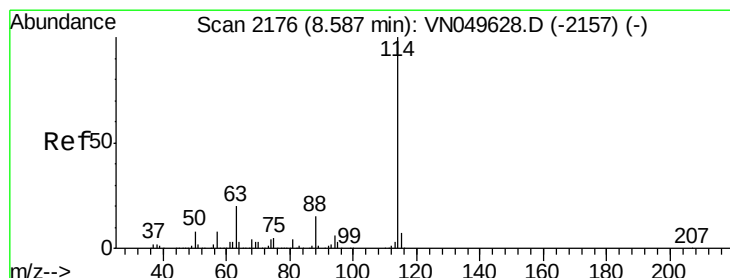
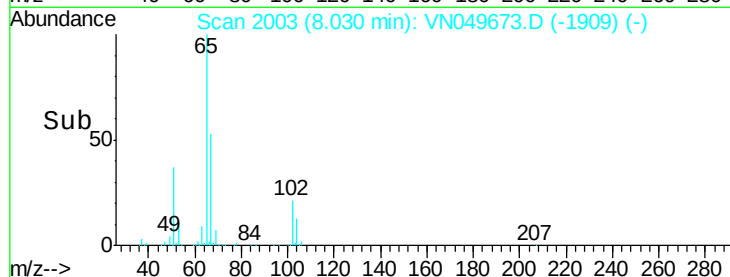
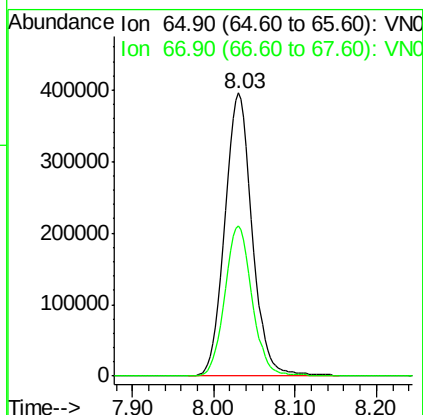
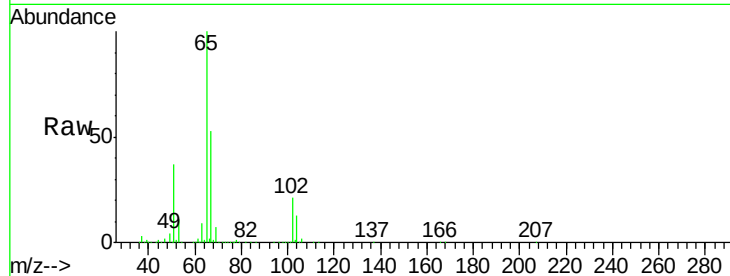




#33
 1,2-Dichloroethane-d4
 Concen: 50.66 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049673.D
 Acq: 2 Jul 2018 16:53

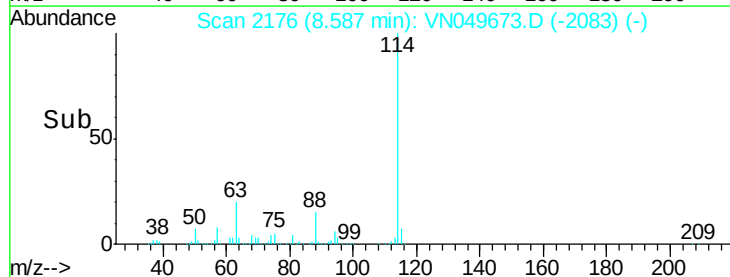
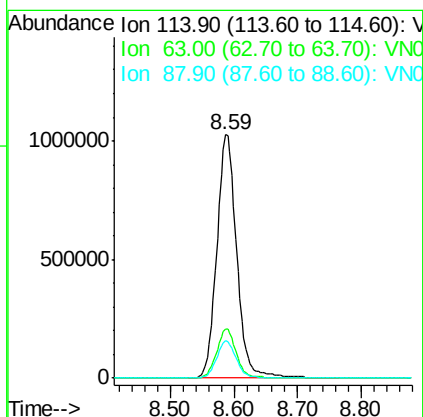
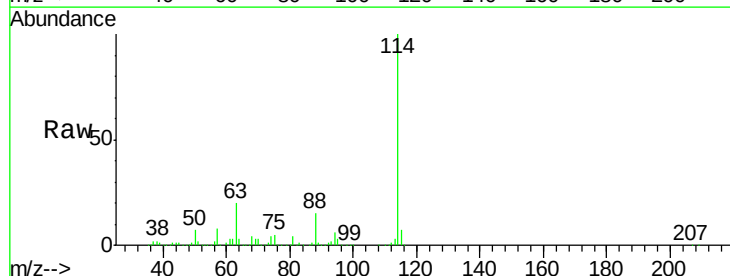
Instrument :
 MSVOA_N
 ClientSampleId :
 PB110744TB

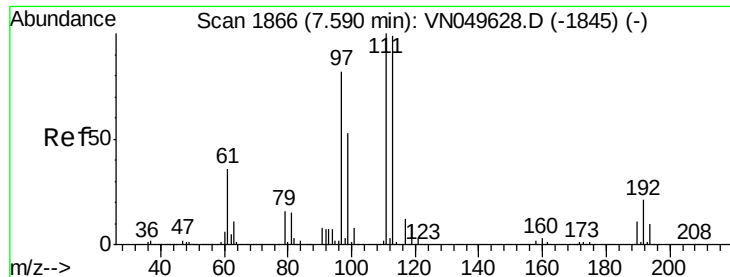
Tot Ion: 65 Resp: 938111
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049673.D
 Acq: 2 Jul 2018 16:53

Tgt Ion: 114 Resp: 2229854
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.8
 88 15.2 0.0 30.6

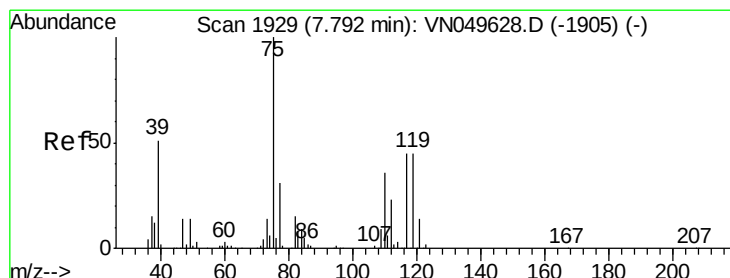
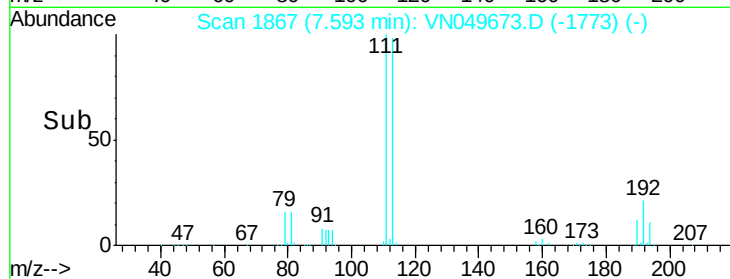
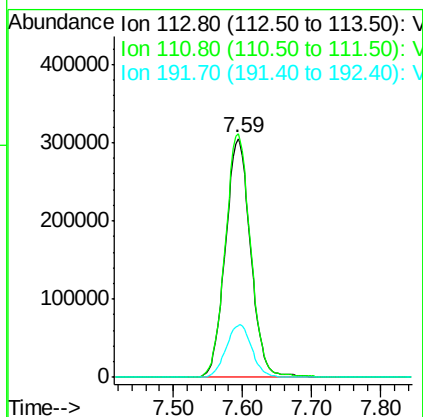
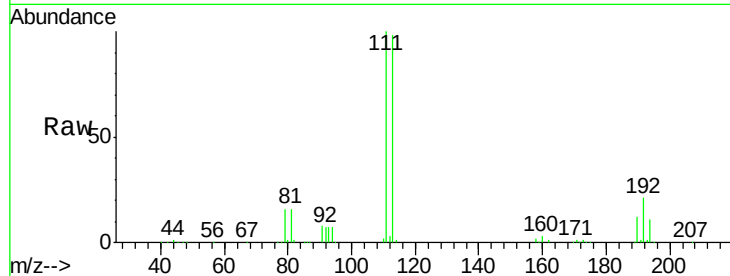




#35
Dibromofluoromethane
Concen: 46.69 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN049673.D
Acq: 2 Jul 2018 16:53

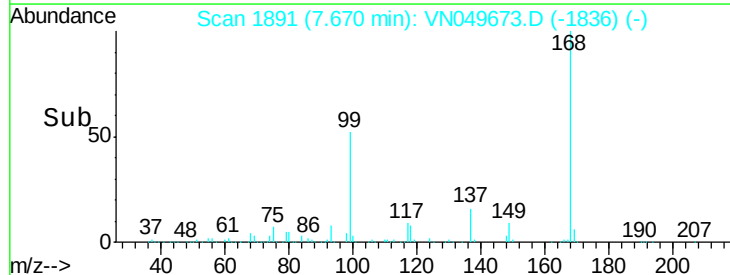
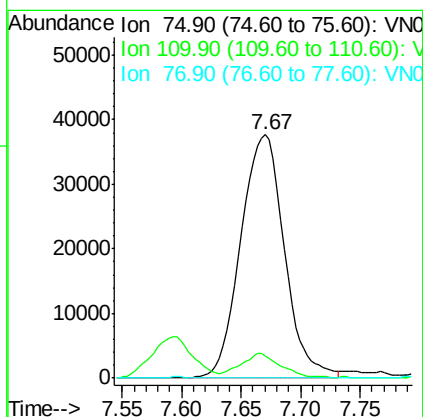
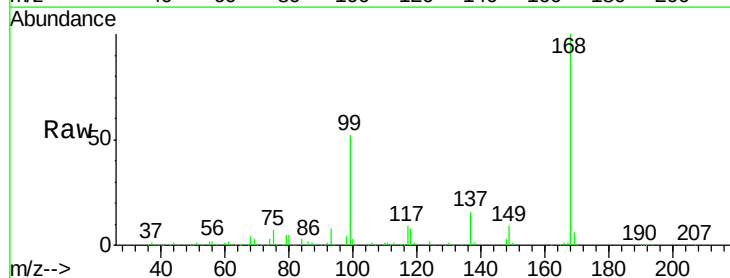
Instrument :
MSVOA_N
ClientSampleId :
PB110744TB

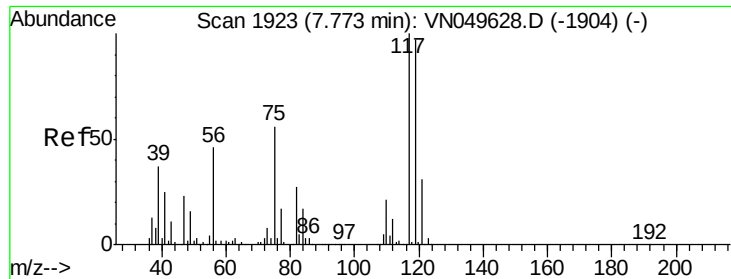
Tot Ion:113 Resp: 778330
Ion Ratio Lower Upper
113 100
111 102.3 81.8 122.8
192 22.4 17.8 26.6



#36
1,1-Dichloropropene
Concen: 3.82 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. -0.12 min
Lab File: VN049673.D
Acq: 2 Jul 2018 16:53

Tgt Ion: 75 Resp: 95911
Ion Ratio Lower Upper
75 100
110 9.2 18.1 54.4#
77 0.0 24.9 37.3#

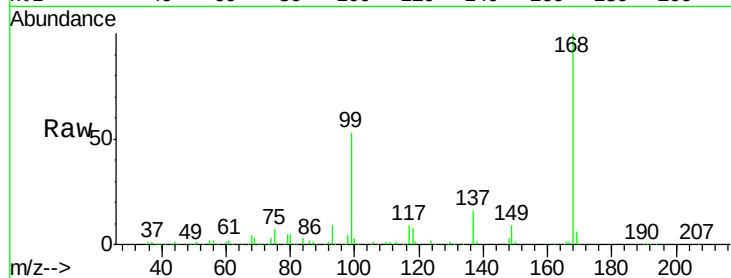




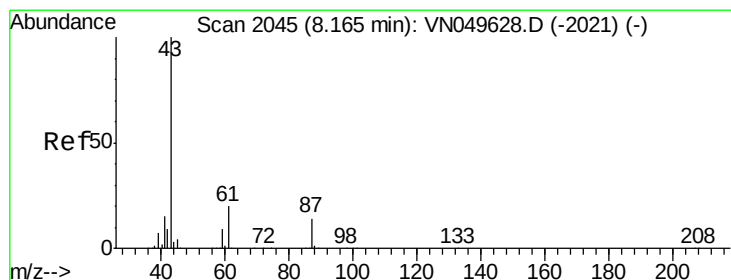
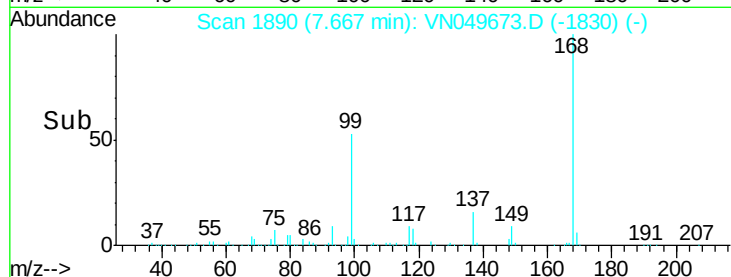
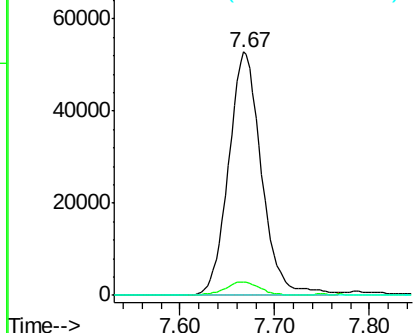
#38
Carbon Tetrachloride
Concen: 5.25 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.11 min
Lab File: VN049673.D
Acq: 2 Jul 2018 16:53

Instrument :
MSVOA_N
ClientSampleId :
PB110744TB

Tot Ion:117 Resp: 127998
Ion Ratio Lower Upper
117 100
119 5.5 77.2 115.8#
121 0.0 25.0 37.6#

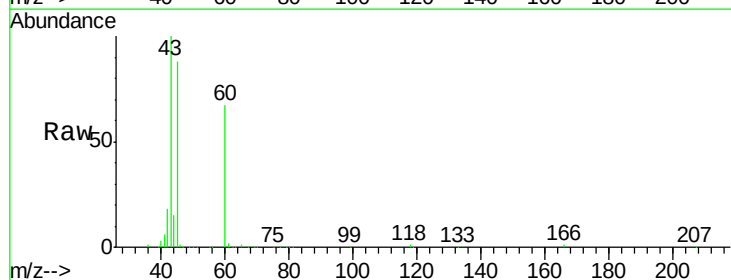


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

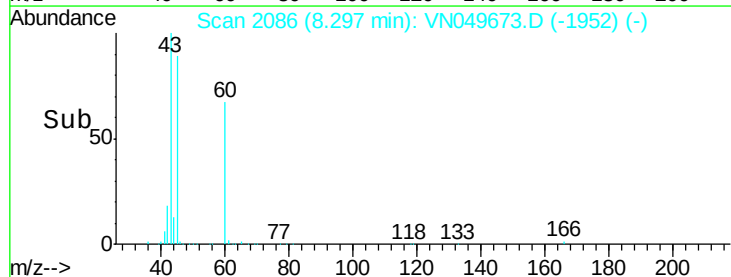
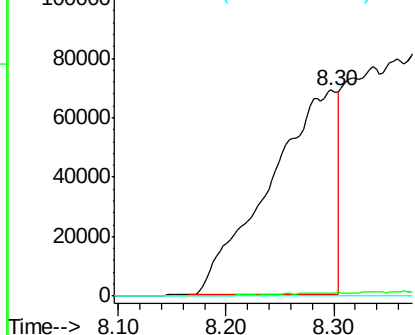


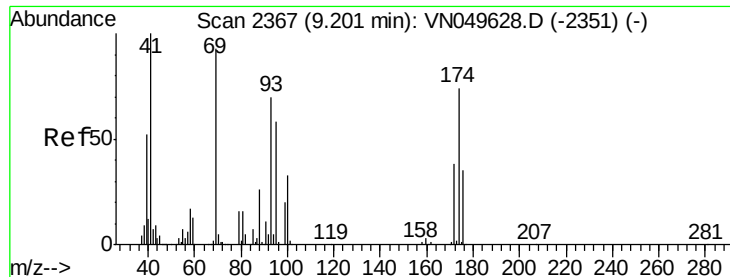
#43
Isopropyl Acetate
Concen: 9.88 ug/l
RT: 8.30 min Scan# 2086
Delta R.T. 0.13 min
Lab File: VN049673.D
Acq: 2 Jul 2018 16:53

Tgt Ion: 43 Resp: 300458
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): V
Ion 61.00 (60.70 to 61.70): V
Ion 87.00 (86.70 to 87.70): V





#49

1,4-Dioxane

Concen: 0.38 ug/l

RT: 9.23 min Scan# 2375

Delta R.T. 0.03 min

Lab File: VN049673.D

Acq: 2 Jul 2018 16:53

Instrument :

MSVOA_N

ClientSampled :

PB110744TB

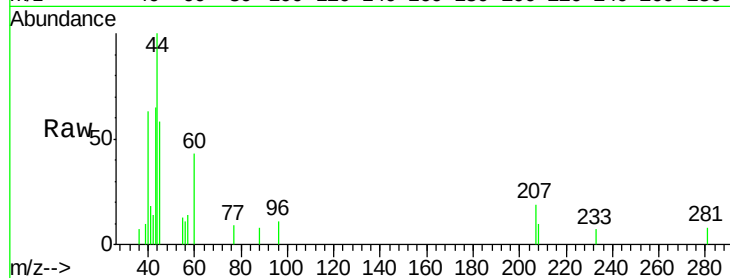
Tot Ion: 88 Resp: 67

Ion Ratio Lower Upper

88 100

43 0.0 25.1 37.7#

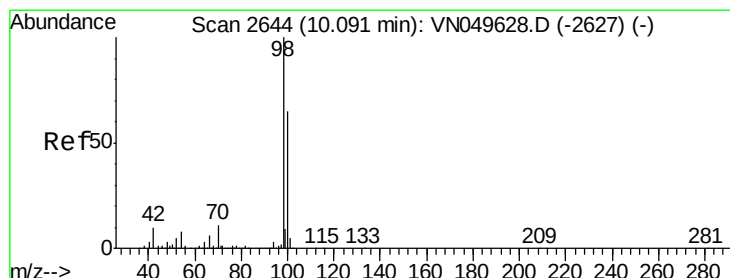
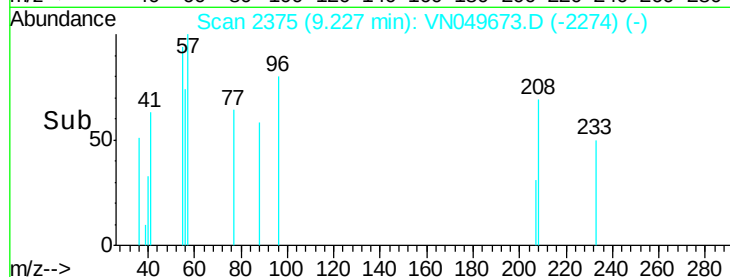
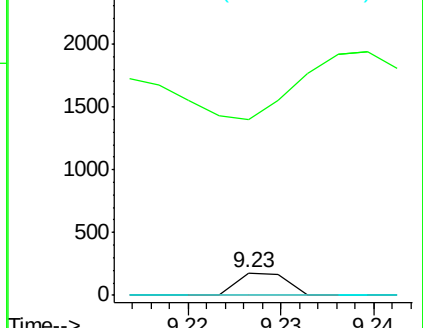
58 0.0 52.5 78.7#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 46.47 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049673.D

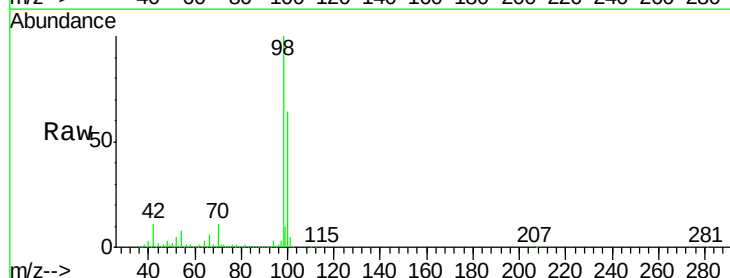
Acq: 2 Jul 2018 16:53

Tgt Ion: 98 Resp: 3031971

Ion Ratio Lower Upper

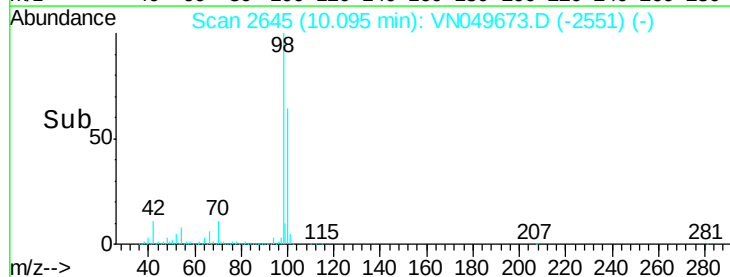
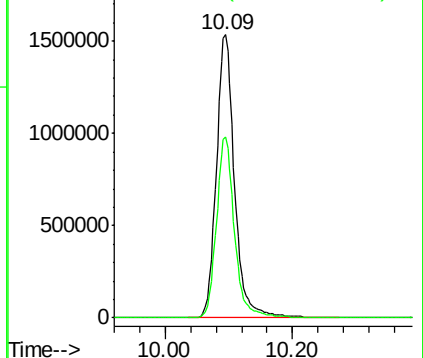
98 100

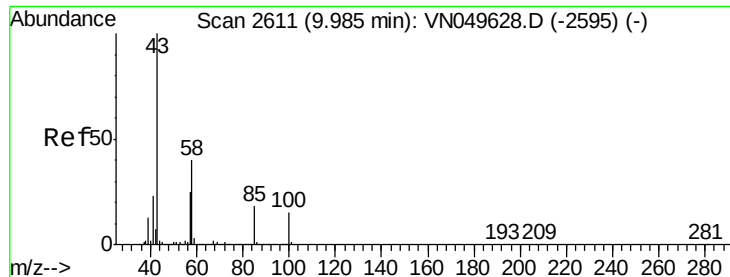
100 63.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

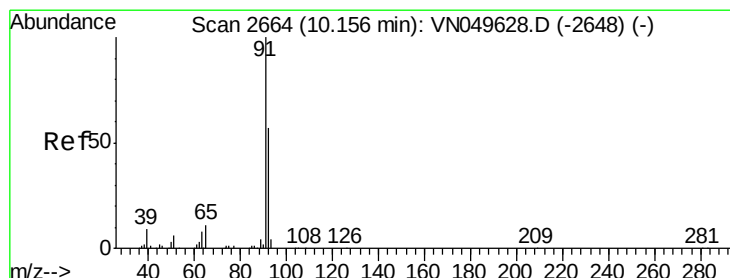
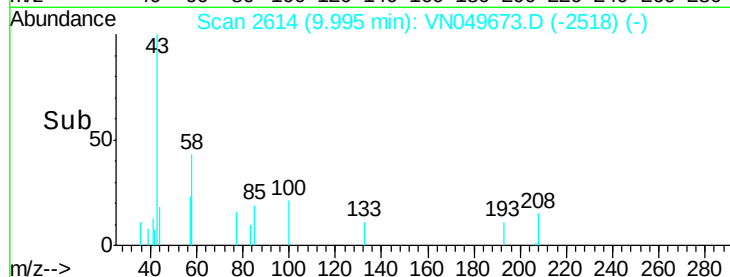
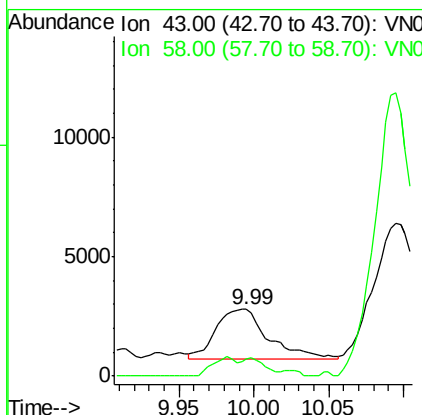
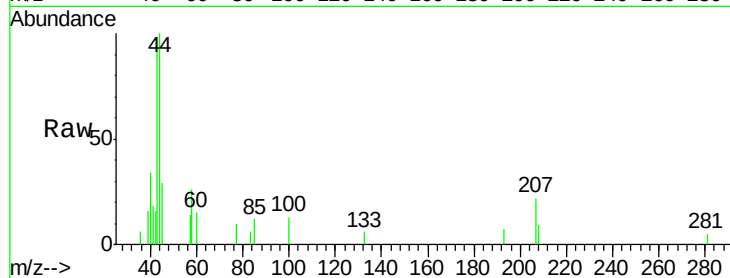




#51
 4-Methyl-2-Pentanone
 Concen: 0.35 ug/l
 RT: 9.99 min Scan# 2614
 Delta R.T. 0.01 min
 Lab File: VN049673.D
 Acq: 2 Jul 2018 16:53

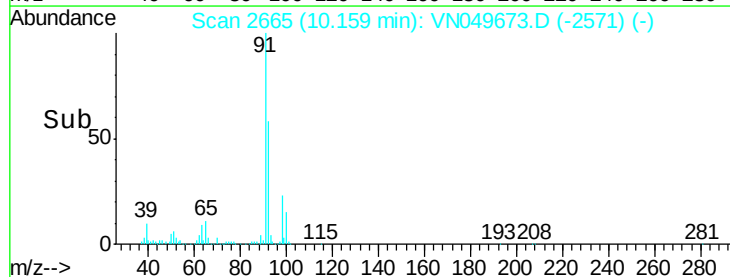
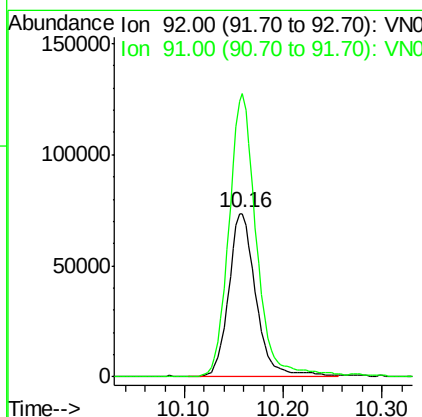
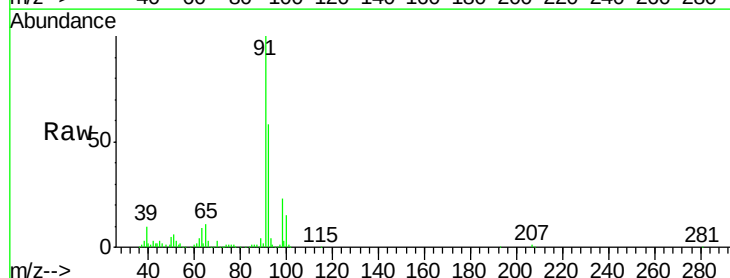
Instrument :
 MSVOA_N
 ClientSampleID :
 PB110744TB

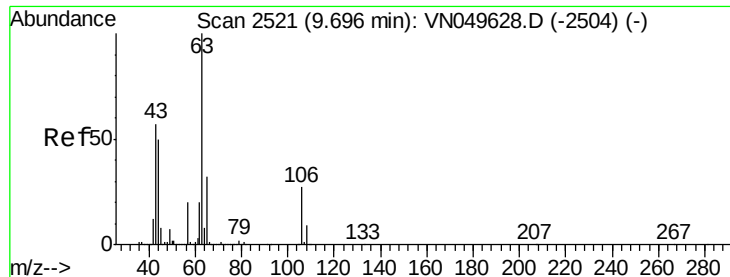
Tot Ion: 43 Resp: 5054
 Ion Ratio Lower Upper
 43 100
 58 17.4 31.8 47.8#



#52
 Toluene
 Concen: 3.03 ug/l
 RT: 10.16 min Scan# 2665
 Delta R.T. 0.00 min
 Lab File: VN049673.D
 Acq: 2 Jul 2018 16:53

Tgt Ion: 92 Resp: 140403
 Ion Ratio Lower Upper
 92 100
 91 172.8 140.1 210.1

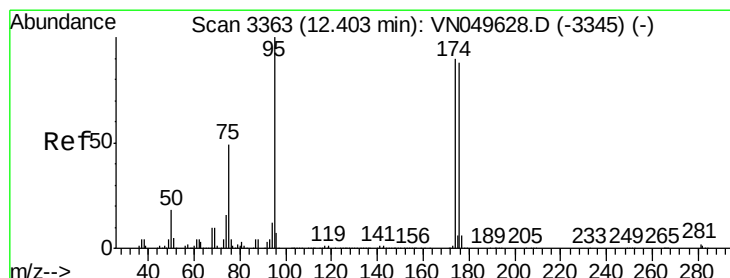
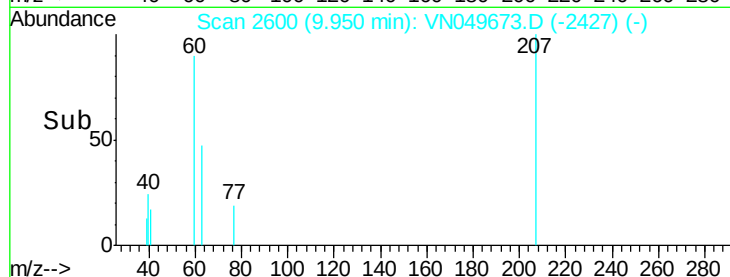
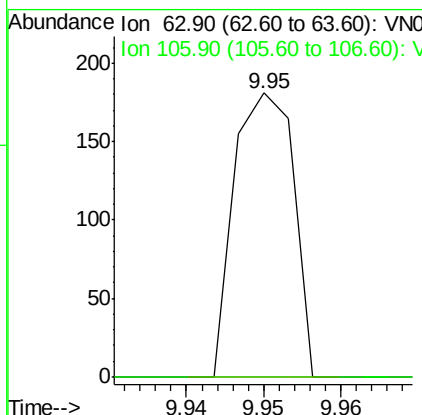
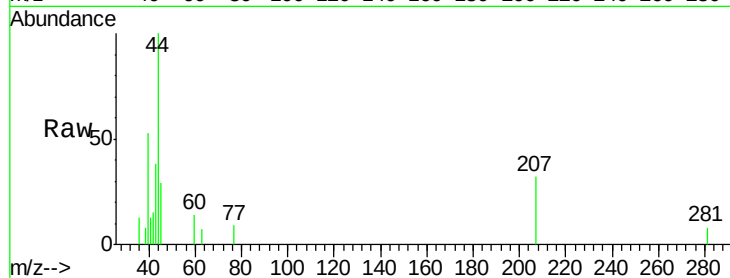




#58
 2-Chloroethyl Vinyl ether
 Concen: 10.83 ug/l
 RT: 9.95 min Scan# 2600
 Delta R.T. 0.25 min
 Lab File: VN049673.D
 Acq: 2 Jul 2018 16:53

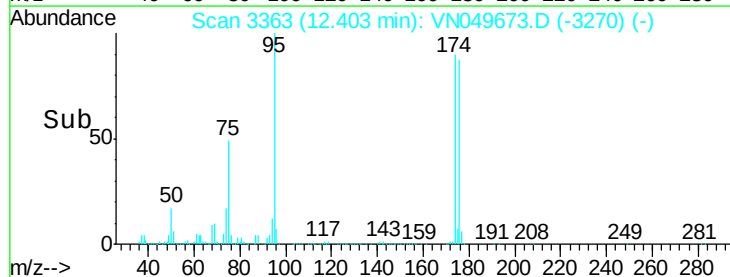
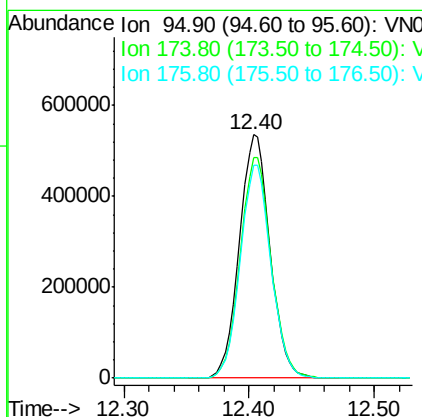
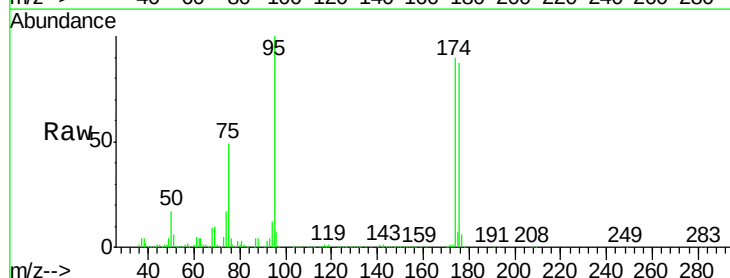
Instrument :
 MSVOA_N
 ClientSampleId :
 PB110744TB

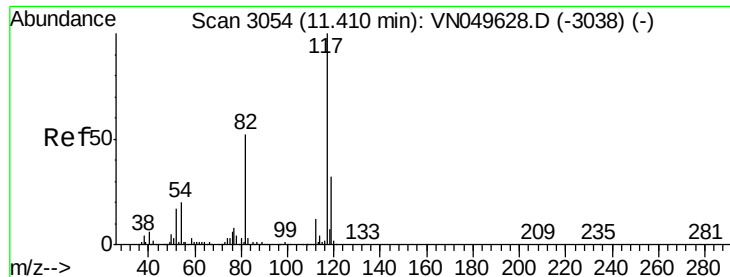
Tot Ion: 63 Resp: 97
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.8 32.8#



#62
 4-Bromofluorobenzene
 Concen: 40.77 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN049673.D
 Acq: 2 Jul 2018 16:53

Tgt Ion: 95 Resp: 908341
 Ion Ratio Lower Upper
 95 100
 174 91.7 0.0 179.6
 176 87.6 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: VN049673.D

Acq: 2 Jul 2018 16:53

Instrument :

MSVOA_N

ClientSampleId :

PB110744TB

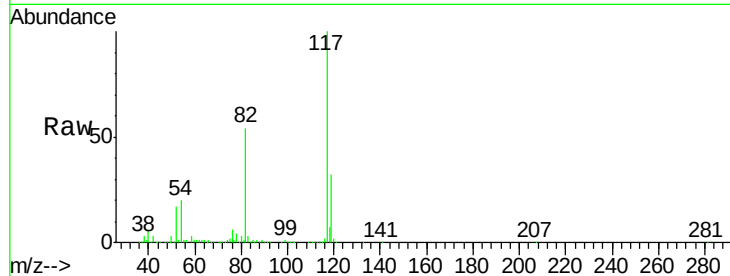
Tot Ion:117 Resp: 1900026

Ion Ratio Lower Upper

117 100

82 54.2 41.9 62.9

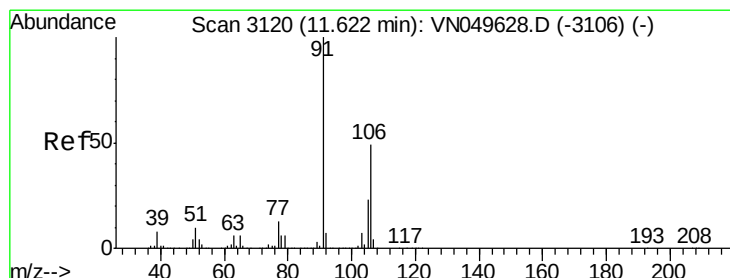
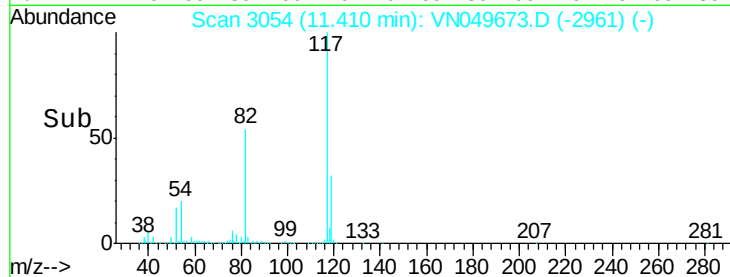
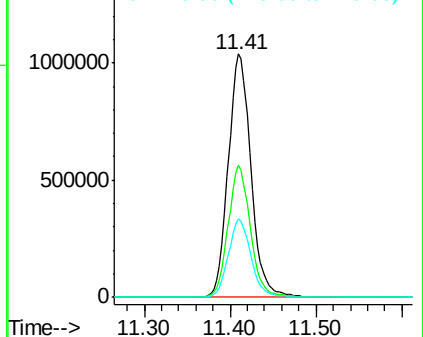
119 32.1 25.4 38.2



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: 1.14 ug/l

RT: 11.62 min Scan# 3119

Delta R.T. -0.00 min

Lab File: VN049673.D

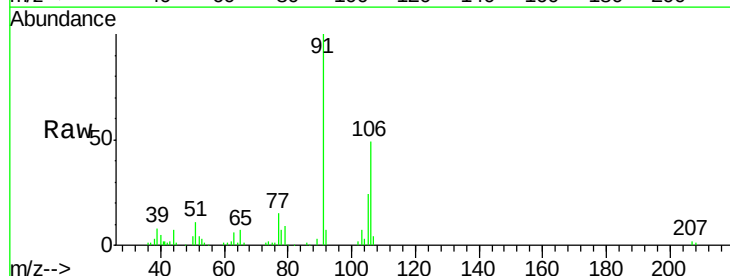
Acq: 2 Jul 2018 16:53

Tgt Ion:106 Resp: 35781

Ion Ratio Lower Upper

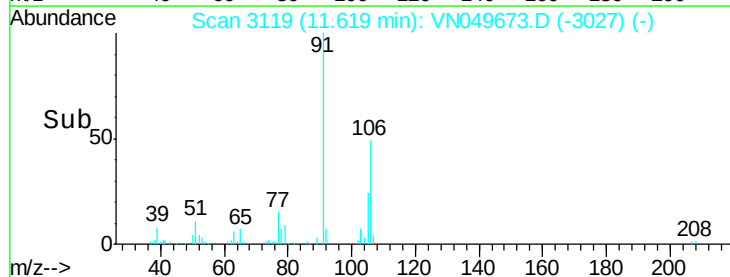
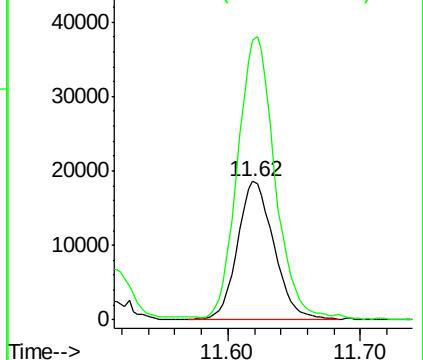
106 100

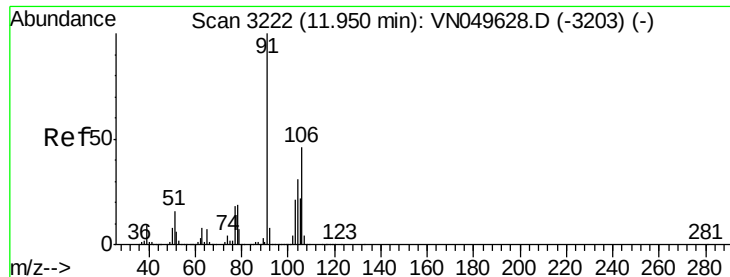
91 209.8 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

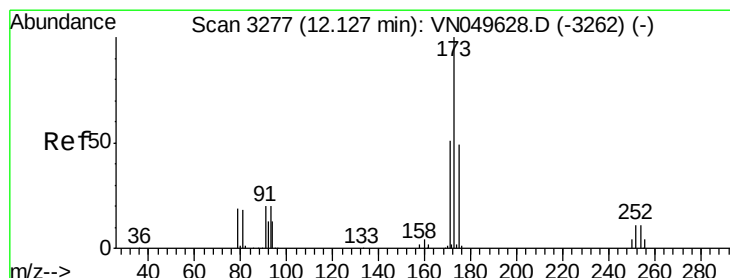
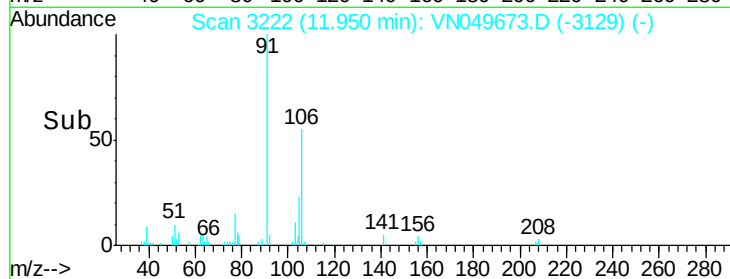
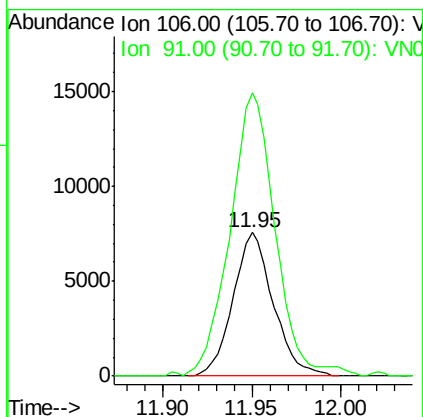
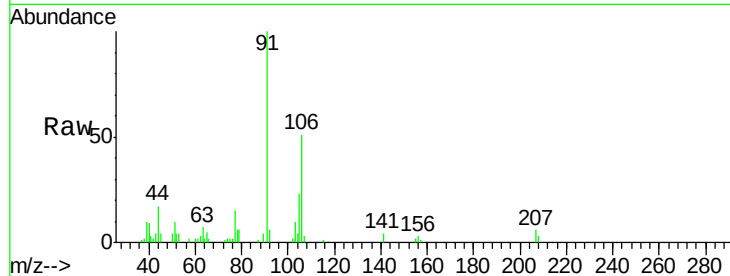




#69
o-Xylene
Concen: 0.40 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049673.D
Acq: 2 Jul 2018 16:53

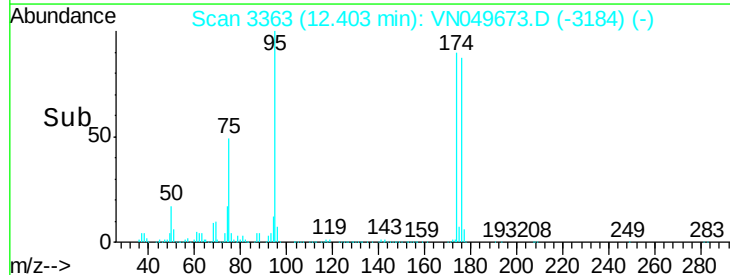
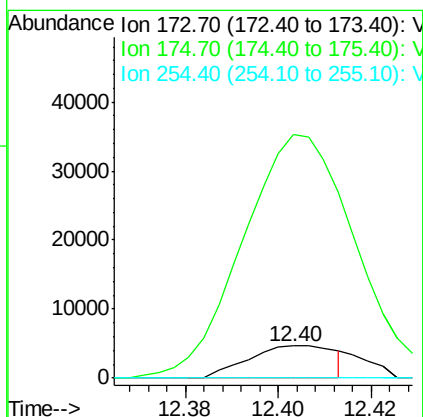
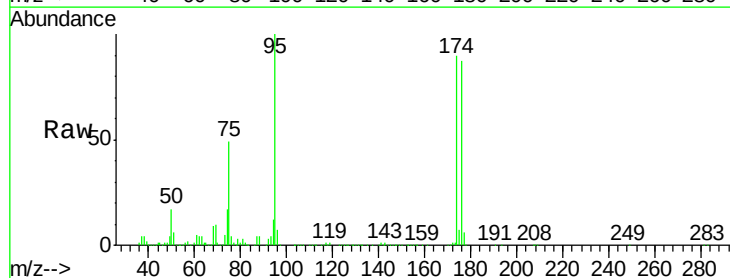
Instrument :
MSVOA_N
ClientSampled :
PB110744TB

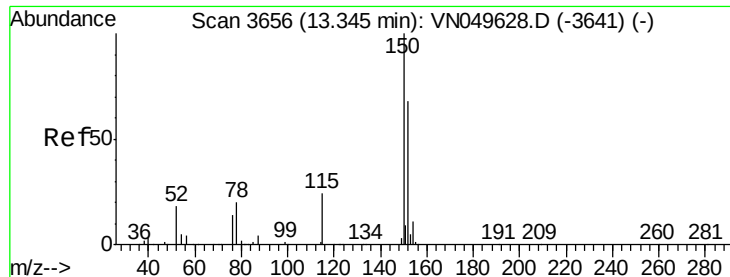
Tot Ion:106 Resp: 11906
Ion Ratio Lower Upper
106 100
91 221.4 108.7 326.1



#71
Bromoform
Concen: 0.51 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.28 min
Lab File: VN049673.D
Acq: 2 Jul 2018 16:53

Tgt Ion:173 Resp: 6088
Ion Ratio Lower Upper
173 100
175 793.2 24.6 73.8#
254 0.0 0.2 0.2#

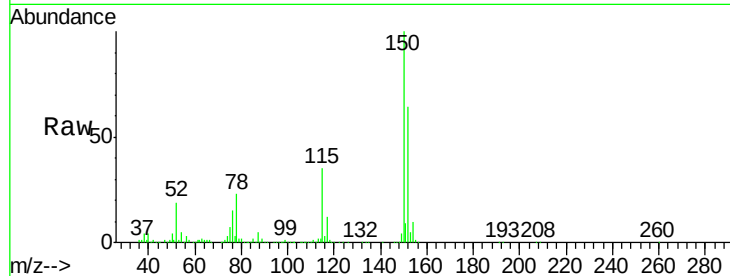




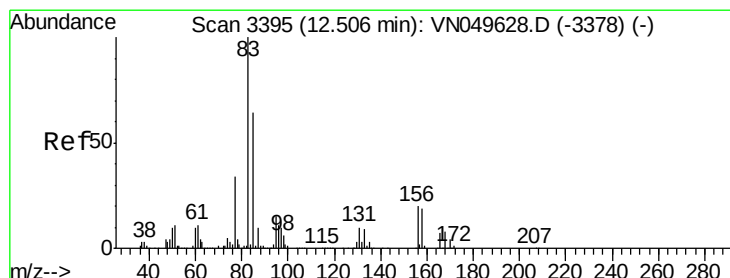
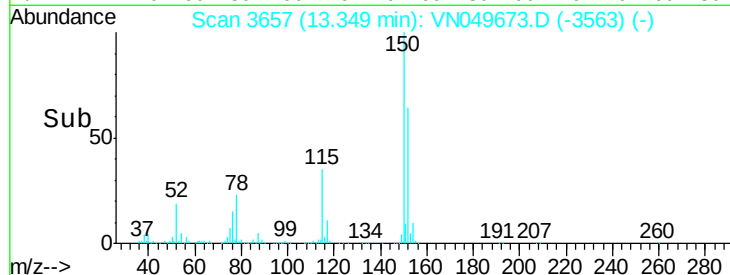
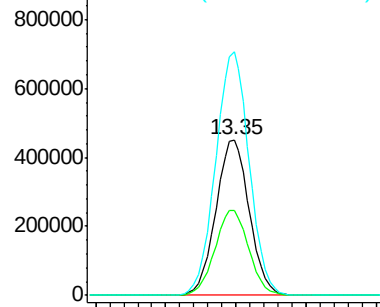
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.35 min Scan# 3657
 Delta R.T. 0.00 min
 Lab File: VN049673.D
 Acq: 2 Jul 2018 16:53

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110744TB

Tot Ion:152 Resp: 747582
 Ion Ratio Lower Upper
 152 100
 115 55.3 28.1 84.2
 150 157.4 0.0 347.6

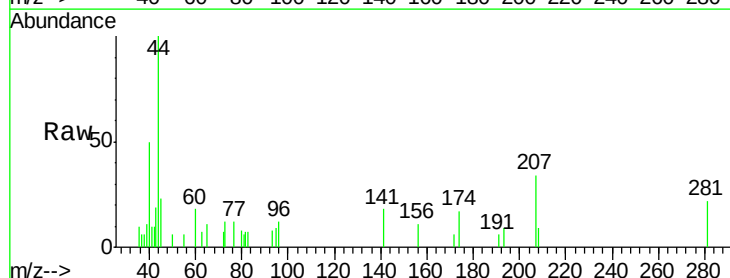


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

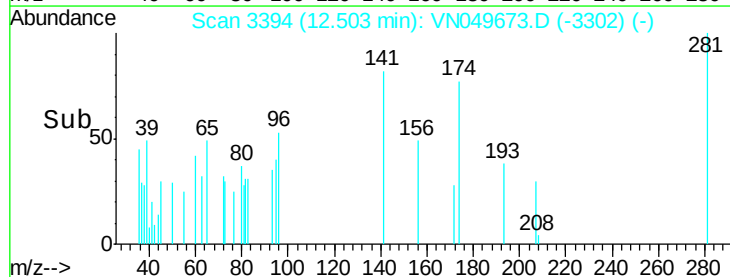
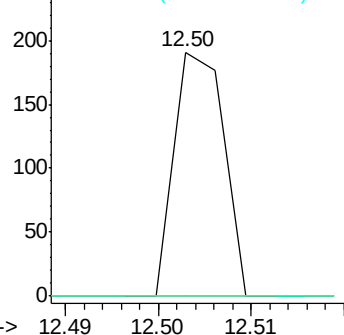


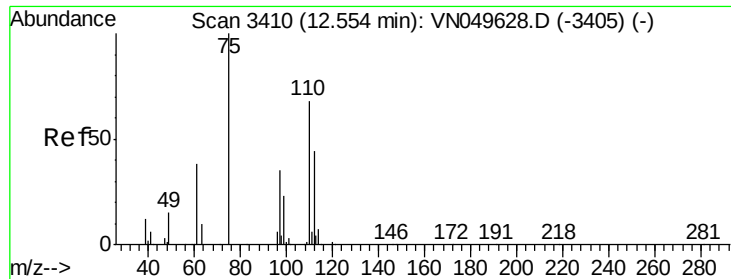
#75
 1,1,2,2-Tetrachloroethane
 Concen: Below Cal
 RT: 12.50 min Scan# 3394
 Delta R.T. -0.00 min
 Lab File: VN049673.D
 Acq: 2 Jul 2018 16:53

Tgt Ion: 83 Resp: 71
 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): 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: 37.14 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049673.D

Acq: 2 Jul 2018 16:53

Instrument :

MSVOA_N

ClientSampleId :

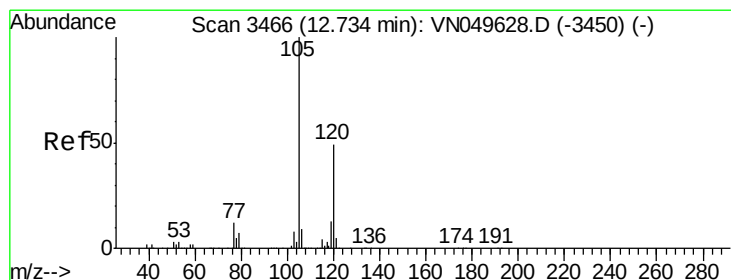
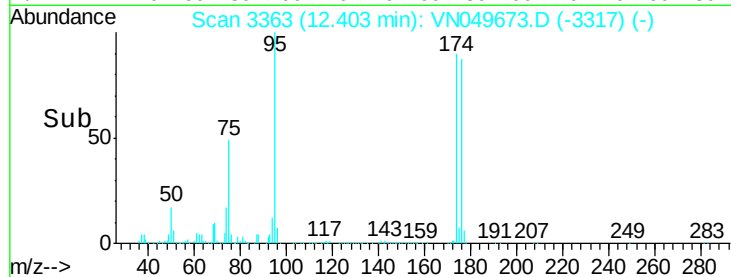
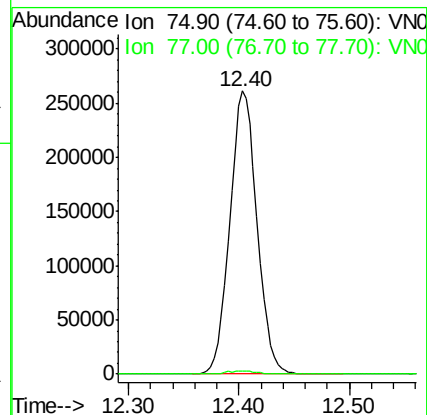
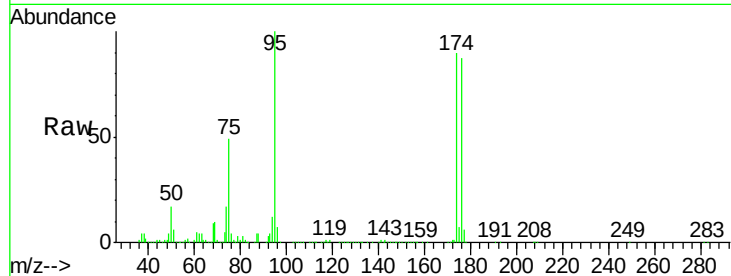
PB110744TB

Tot Ion: 75 Resp: 445288

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#80

1,3,5-Trimethylbenzene

Concen: 0.24 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049673.D

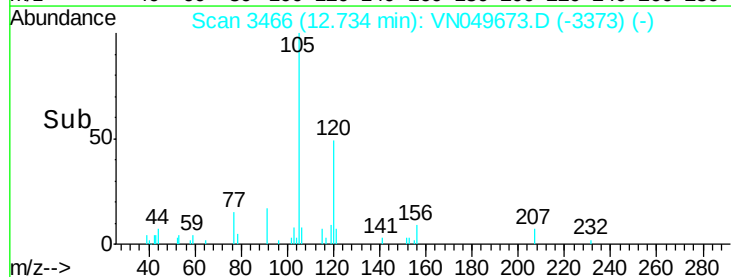
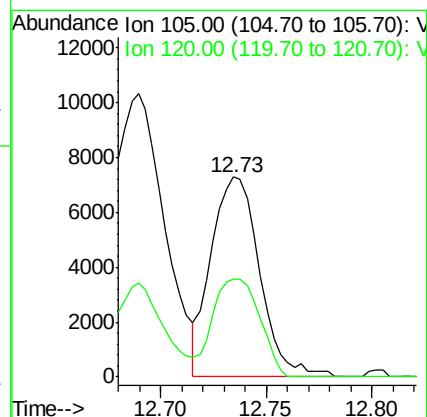
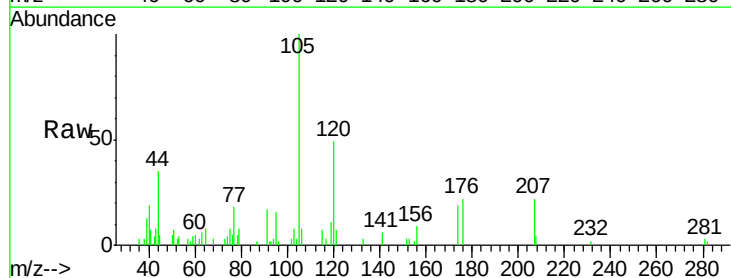
Acq: 2 Jul 2018 16:53

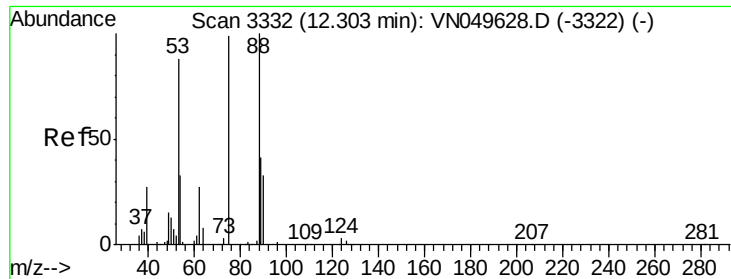
Tgt Ion: 105 Resp: 11664

Ion Ratio Lower Upper

105 100

120 47.4 24.3 72.8

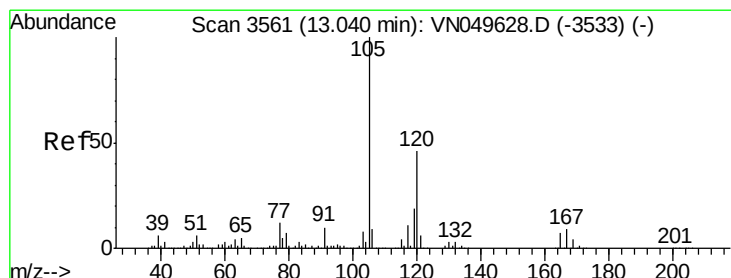
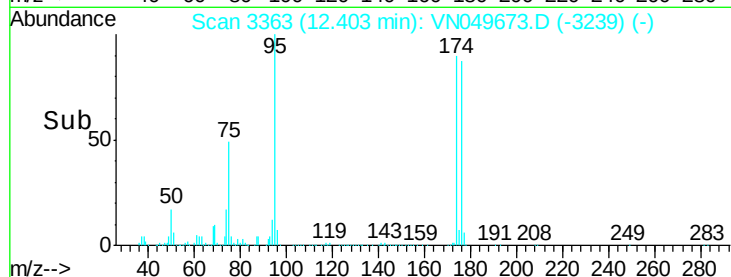
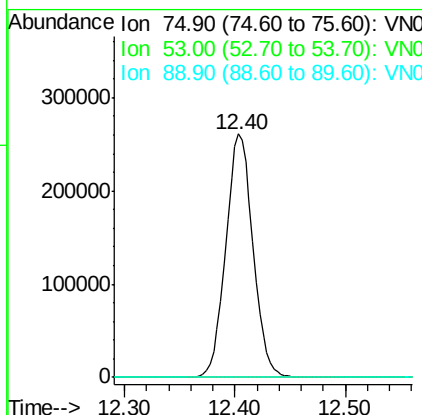
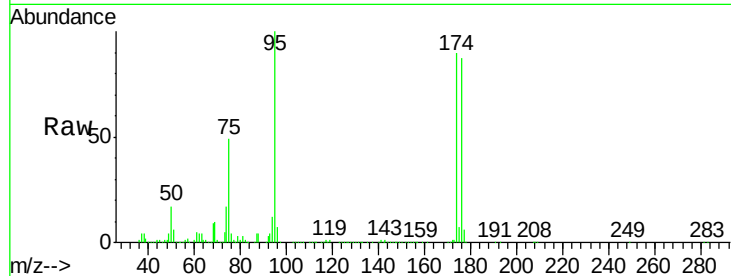




#81
trans-1,4-Dichloro-2-butene
Concen: 126.14 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.10 min
Lab File: VN049673.D
Acq: 2 Jul 2018 16:53

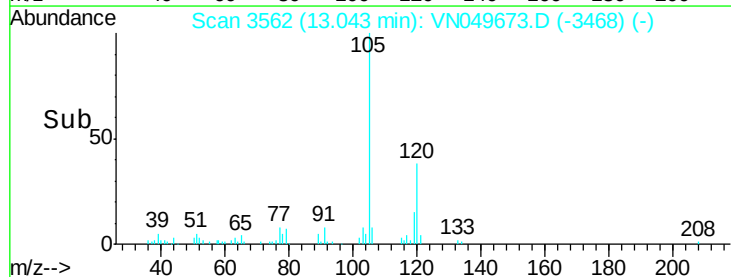
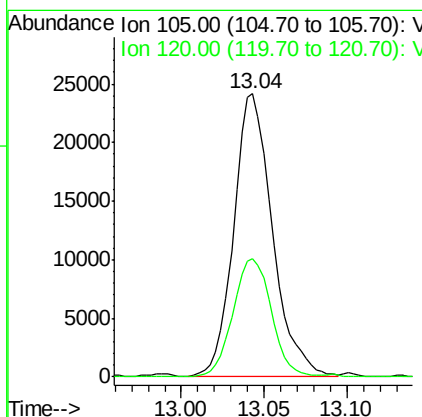
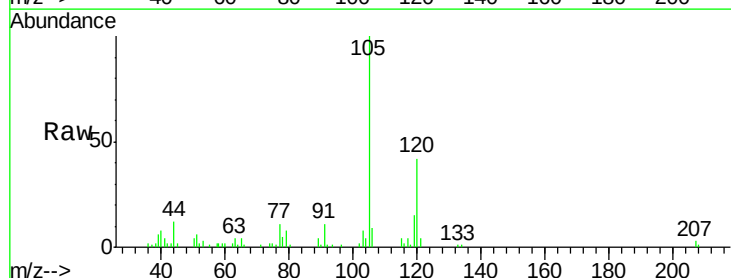
Instrument :
MSVOA_N
ClientSampled :
PB110744TB

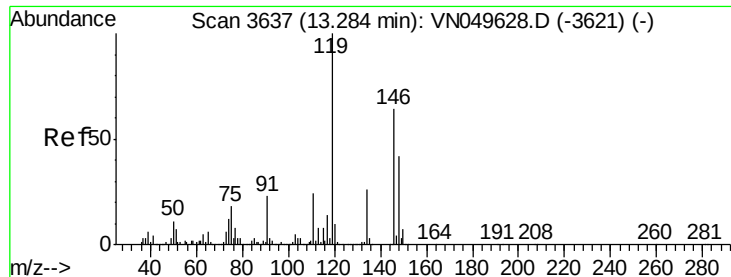
Tot Ion: 75 Resp: 445288
Ion Ratio Lower Upper
75 100
53 0.2 73.9 110.9#
89 0.0 35.9 53.9#



#84
1,2,4-Trimethylbenzene
Concen: 0.77 ug/l
RT: 13.04 min Scan# 3562
Delta R.T. 0.00 min
Lab File: VN049673.D
Acq: 2 Jul 2018 16:53

Tgt Ion: 105 Resp: 39341
Ion Ratio Lower Upper
105 100
120 41.2 22.7 68.1

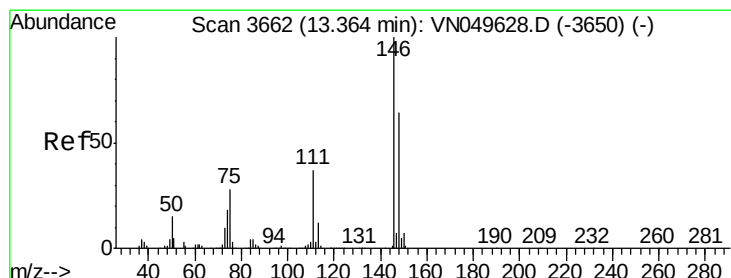
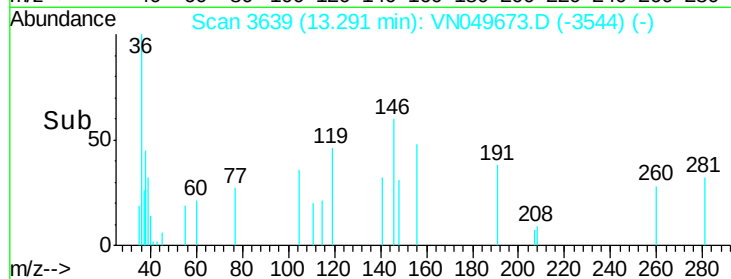
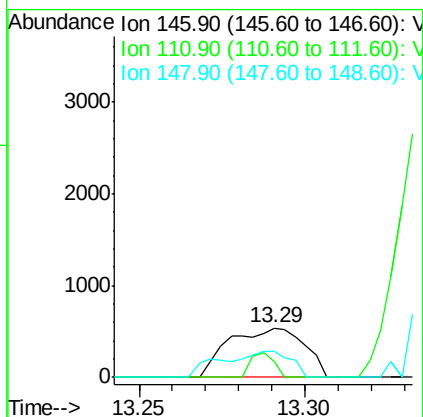
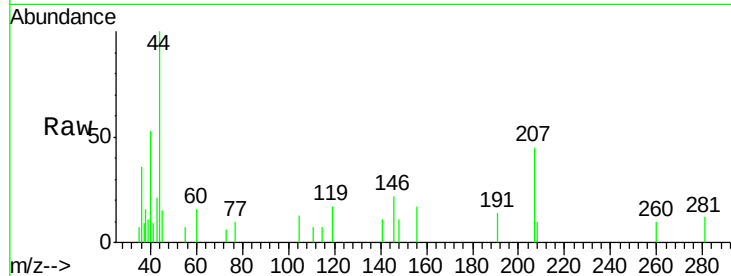




#87
 1,3-Dichlorobenzene
 Concen: Below Cal
 RT: 13.29 min Scan# 3639
 Delta R.T. 0.01 min
 Lab File: VN049673.D
 Acq: 2 Jul 2018 16:53

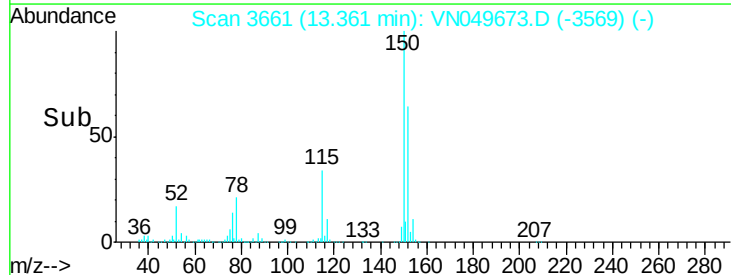
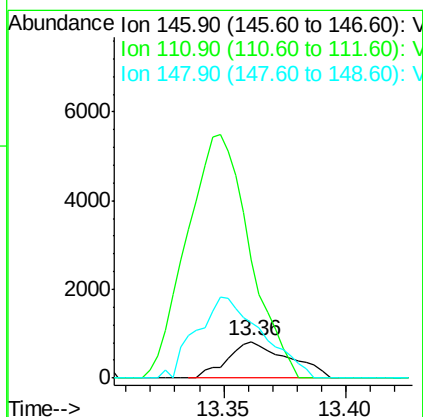
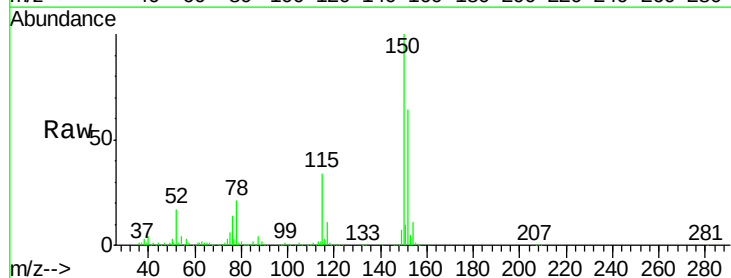
Instrument :
 MSVOA_N
 ClientSampled :
 PB110744TB

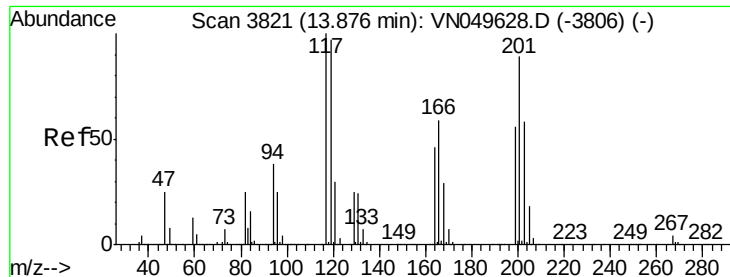
Tot Ion:146 Resp: 850
 Ion Ratio Lower Upper
 146 100
 111 0.0 19.0 57.0#
 148 31.6 32.5 97.5#



#88
 1,4-Dichlorobenzene
 Concen: Below Cal
 RT: 13.36 min Scan# 3661
 Delta R.T. -0.00 min
 Lab File: VN049673.D
 Acq: 2 Jul 2018 16:53

Tgt Ion:146 Resp: 1402
 Ion Ratio Lower Upper
 146 100
 111 701.6 18.9 56.5#
 148 244.1 32.1 96.3#





#90

Hexachloroethane

Concen: 0.33 ua/l

RT: 13.89 min Scan# 3825

Delta R.T. 0.01 min

Lab File: VN049673.D

Acq: 2 Jul 2018 16:53

Instrument :

MSVOA_N

ClientSampled :

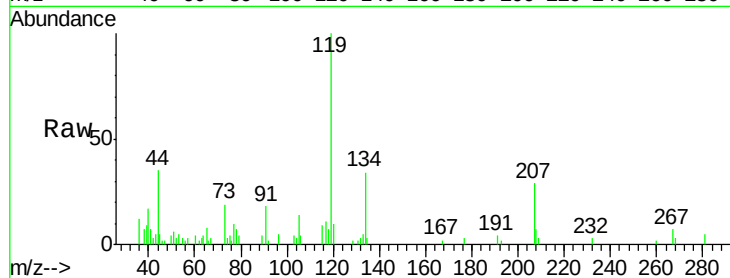
PB110744TB

Tot Ion:117 Resp: 1692

Ion Ratio Lower Upper

117 100

201 0.0 45.3 135.8#

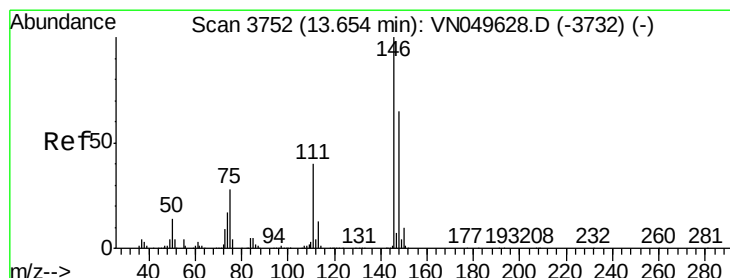
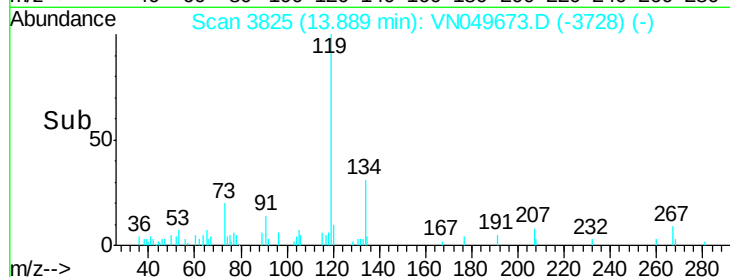


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

13.89

Time-->



#91

1,2-Dichlorobenzene

Concen: Below Cal

RT: 13.66 min Scan# 3755

Delta R.T. 0.01 min

Lab File: VN049673.D

Acq: 2 Jul 2018 16:53

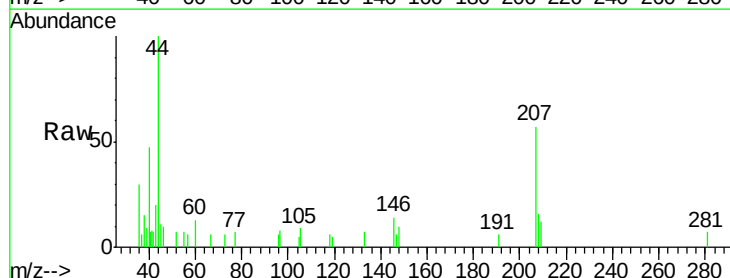
Tgt Ion:146 Resp: 386

Ion Ratio Lower Upper

146 100

111 56.2 19.7 59.1

148 85.2 32.0 96.2



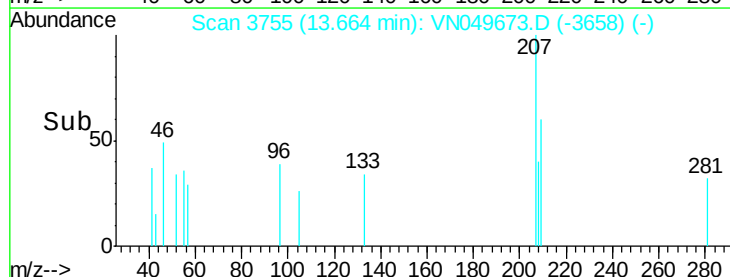
Abundance Ion 145.90 (145.60 to 146.60): V

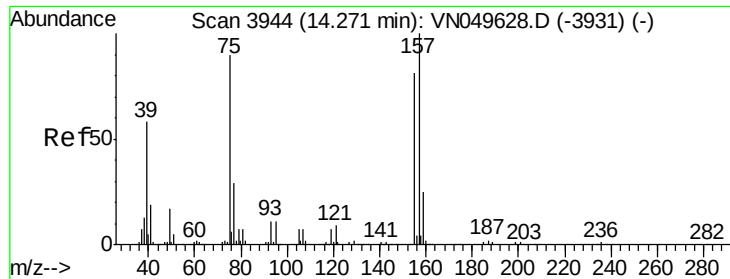
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

13.66

Time-->

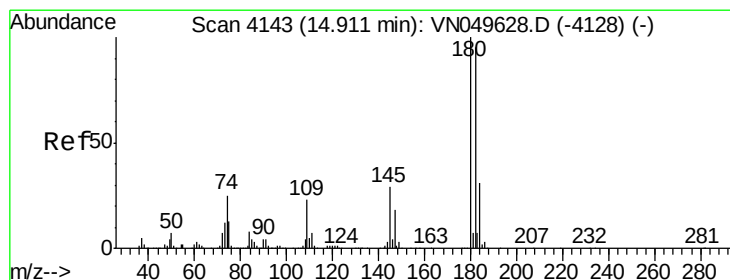
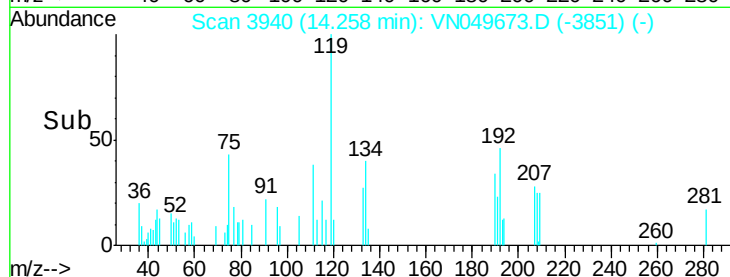
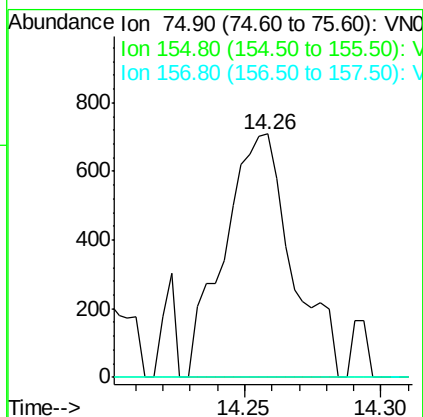
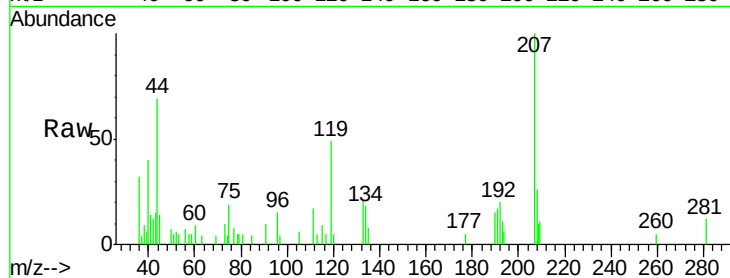




#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.26 min Scan# 3940
 Delta R.T. -0.01 min
 Lab File: VN049673.D
 Acq: 2 Jul 2018 16:53

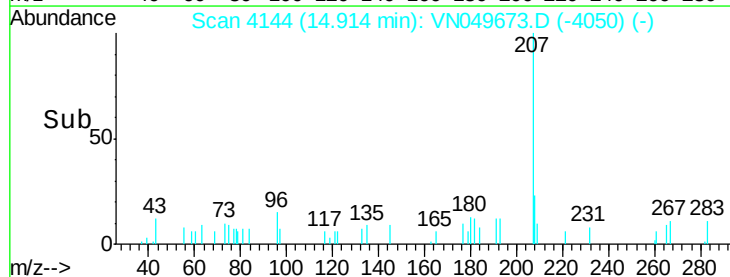
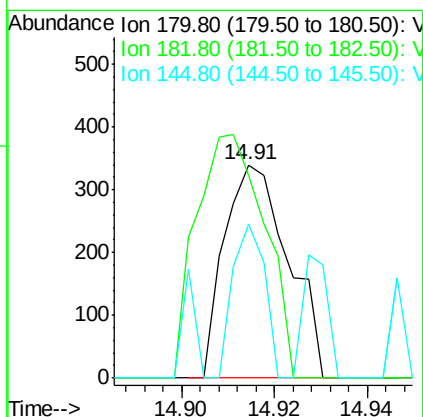
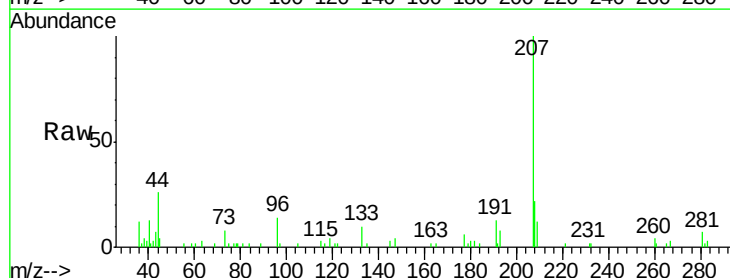
Instrument :
 MSVOA_N
 ClientSampled :
 PB110744TB

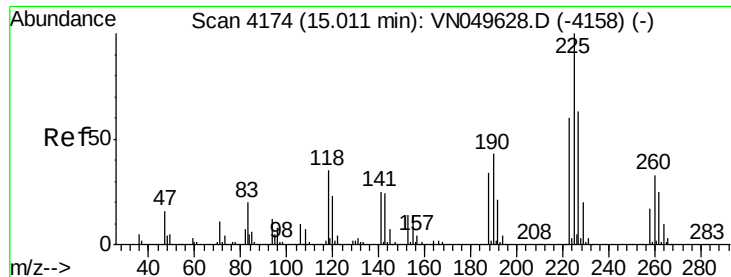
Tot Ion: 75 Resp: 1222
 Ion Ratio Lower Upper
 75 100
 155 0.0 45.7 137.1#
 157 0.0 56.9 170.7#



#93
 1,2,4-Trichlorobenzene
 Concen: 2.43 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN049673.D
 Acq: 2 Jul 2018 16:53

Tgt Ion: 180 Resp: 324
 Ion Ratio Lower Upper
 180 100
 182 122.2 47.3 141.9
 145 36.1 14.4 43.0





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4174

Delta R.T. 0.00 min

Lab File: VN049673.D

Acq: 2 Jul 2018 16:53

Instrument :

MSVOA_N

ClientSampleId :

PB110744TB

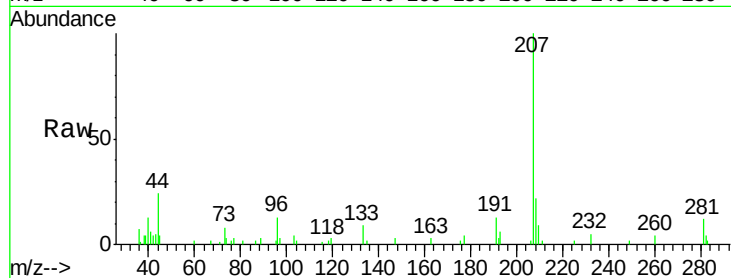
Tot Ion:225 Resp: 60

Ion Ratio Lower Upper

225 100

223 0.0 30.9 92.7#

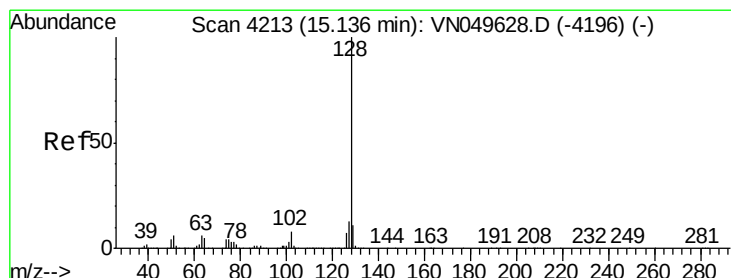
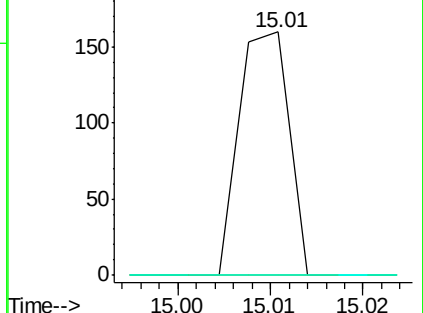
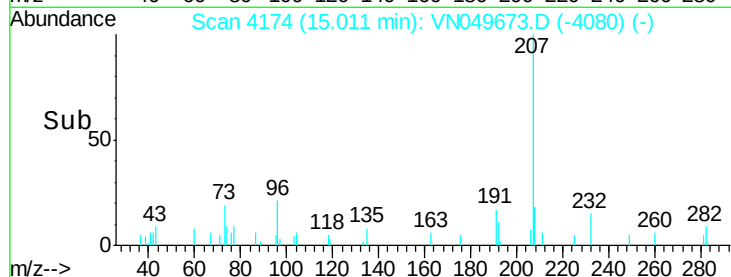
227 0.0 31.8 95.4#



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 4.56 ug/l

RT: 15.14 min Scan# 4215

Delta R.T. 0.01 min

Lab File: VN049673.D

Acq: 2 Jul 2018 16:53

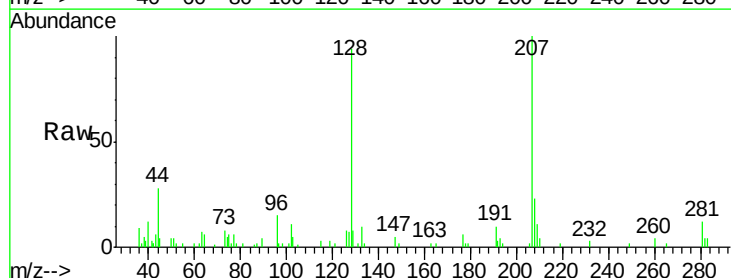
Tgt Ion:128 Resp: 17091

Ion Ratio Lower Upper

128 100

127 9.4 10.4 15.6#

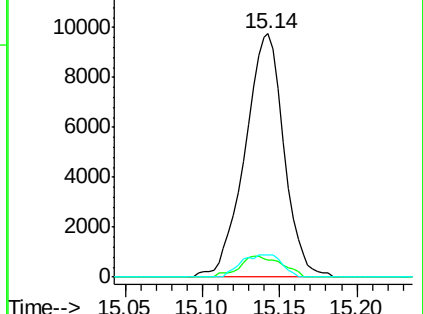
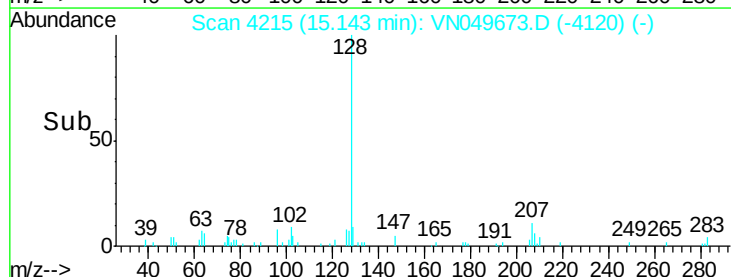
129 9.6 8.6 13.0

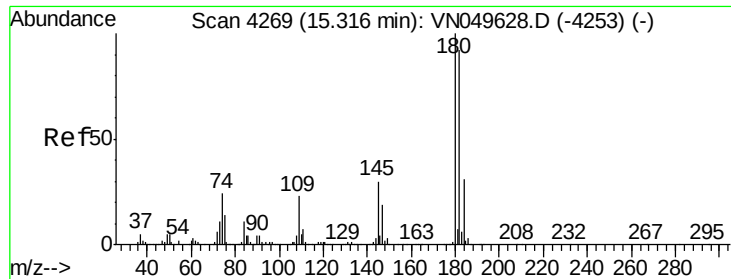


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

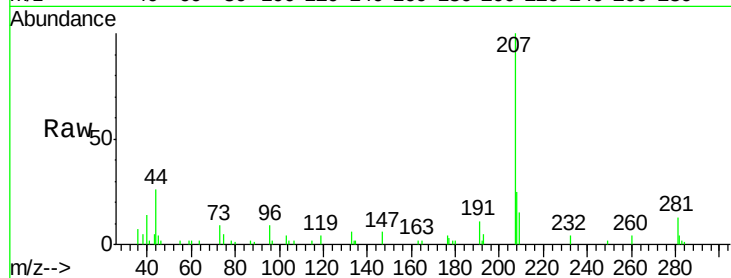




#96
 1,2,3-Trichlorobenzene
 Concen: 1.66 ug/l
 RT: 15.31 min Scan# 4268
 Delta R.T. -0.00 min
 Lab File: VN049673.D
 Acq: 2 Jul 2018 16:53

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110744TB

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	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

