

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071318\
 Data File : VN049810.D
 Acq On : 13 Jul 2018 20:55
 Operator : MD\SY
 Sample : PB111069ZHE#13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111069ZHE#13

Quant Time: Jul 13 23:54:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 12 15:51:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1106591	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1839297	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1497168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	566131	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	759465	59.00	ug/l	0.00
Spiked Amount			Recovery	=	118.00%	
35) Dibromofluoromethane	7.60	113	683343	49.29	ug/l	0.00
Spiked Amount			Recovery	=	98.58%	
50) Toluene-d8	10.09	98	2441997	51.46	ug/l	0.00
Spiked Amount			Recovery	=	102.92%	
62) 4-Bromofluorobenzene	12.40	95	673935	39.76	ug/l	0.00
Spiked Amount			Recovery	=	79.52%	

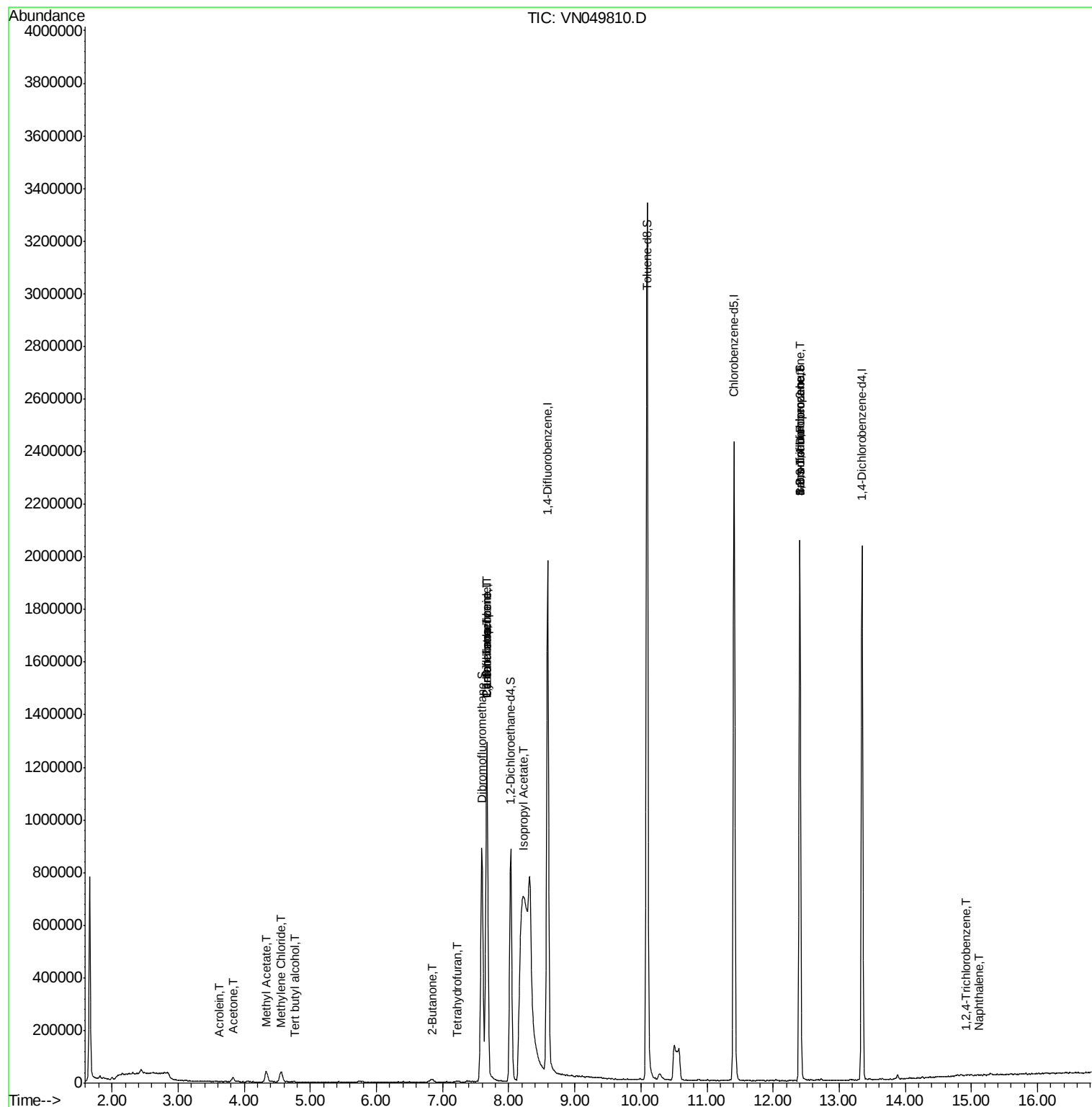
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.13	85	66	Below Cal	#	44
3) Chloromethane	2.06	50	1862	Below Cal	#	87
4) Vinyl Chloride	2.18	62	30	Below Cal	#	1
5) Bromomethane	2.58	94	964	Below Cal	#	62
11) Tert butyl alcohol	4.78	59	404	0.47	ug/l	72
13) Acrolein	3.61	56	215	0.28	ug/l	93
16) Acetone	3.82	43	28046	6.83	ug/l	99
17) Carbon Disulfide	4.06	76	2955	Below Cal	#	75
18) Methyl Acetate	4.33	43	80025	6.81	ug/l	97
20) Methylene Chloride	4.56	84	29809	1.37	ug/l	93
25) 2-Butanone	6.85	43	2818	0.56	ug/l	78
29) Tetrahydrofuran	7.21	42	1517	0.48	ug/l	64
31) Cyclohexane	7.66	56	19503	0.72	ug/l	1
36) 1,1-Dichloropropene	7.67	75	78101	3.68	ug/l	49
38) Carbon Tetrachloride	7.67	117	101416	4.58	ug/l	16
43) Isopropyl Acetate	8.22	43	1048333	46.49	ug/l	62
55) 1,1,2-Trichloroethane	10.57	97	1369	Below Cal	#	15
71) Bromoform	12.40	173	5108	0.52	ug/l	1
75) 1,1,2,2-Tetrachloroethane	12.42	83	135	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	326761	32.49	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	326761	104.92	ug/l	13
90) Hexachloroethane	13.88	117	30	Below Cal	#	4
93) 1,2,4-Trichlorobenzene	14.91	180	220	2.91	ug/l	37
95) Naphthalene	15.13	128	438	4.04	ug/l	69

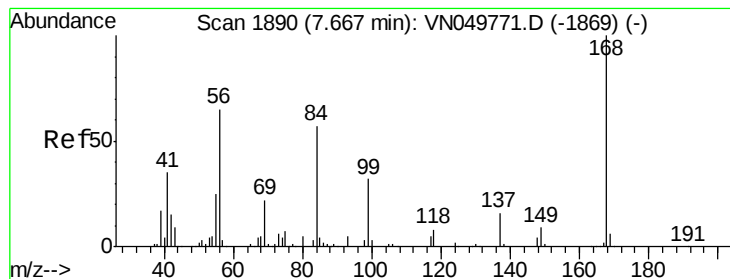
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN071318\
Data File : VN049810.D
Acq On : 13 Jul 2018 20:55
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Misc : 5.00mL/MSVOA N/WATER
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Instrument :
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Quant Time: Jul 13 23:54:16 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N071218W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 12 15:51:38 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: VN049810.D

Acq: 13 Jul 2018 20:55

Instrument :

MSVOA_N

ClientSampleId :

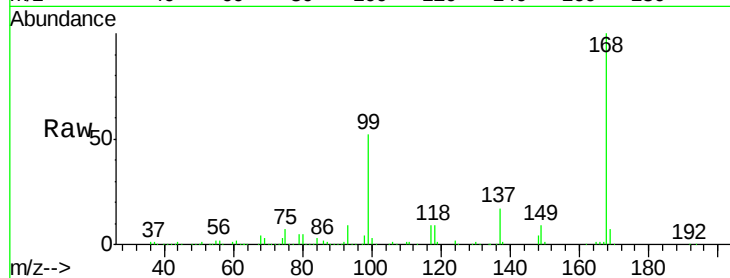
PB111069ZHE#13

Tot Ion:168 Resp: 1106591

Ion Ratio Lower Upper

168 100

99 51.7 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

400000

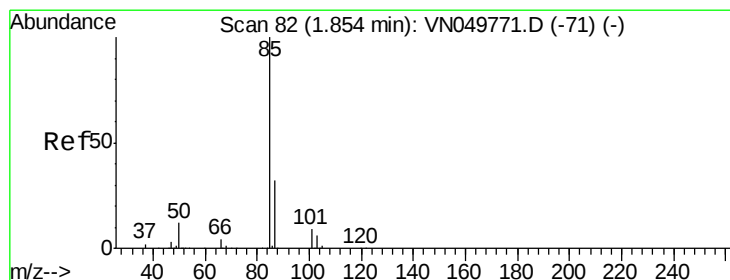
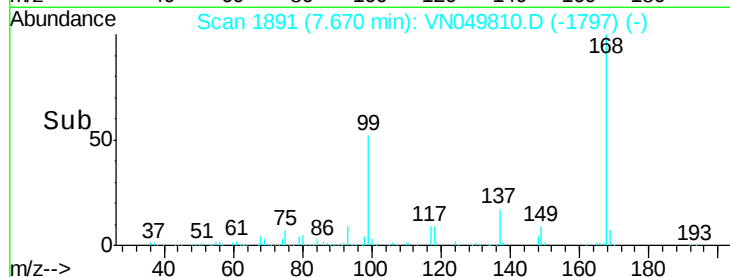
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.13 min Scan# 169

Delta R.T. 0.28 min

Lab File: VN049810.D

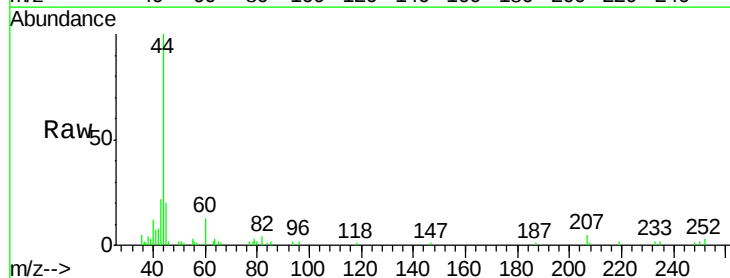
Acq: 13 Jul 2018 20:55

Tgt Ion: 85 Resp: 66

Ion Ratio Lower Upper

85 100

87 0.0 15.4 46.1#



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

2.13

200

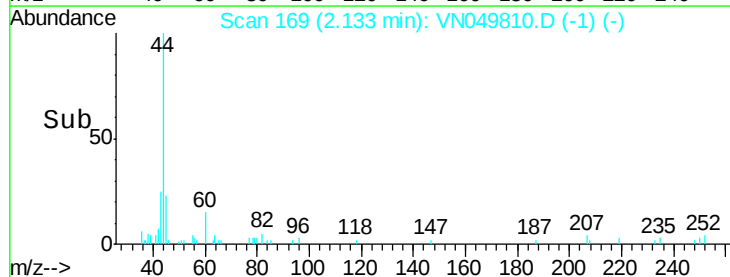
150

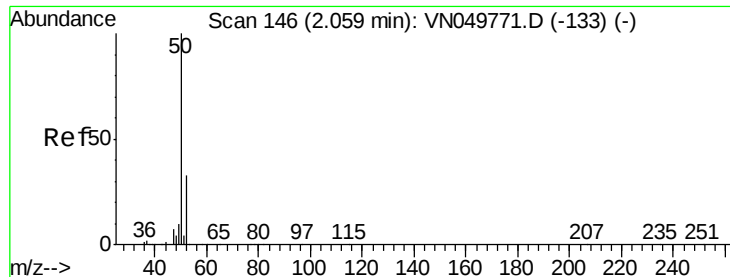
100

50

0

Time-->





#3

Chloromethane

Concen: Below Cal

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN049810.D

Acq: 13 Jul 2018 20:55

Instrument :

MSVOA_N

ClientSampleId :

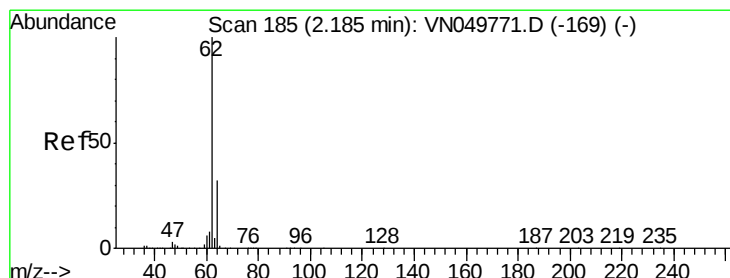
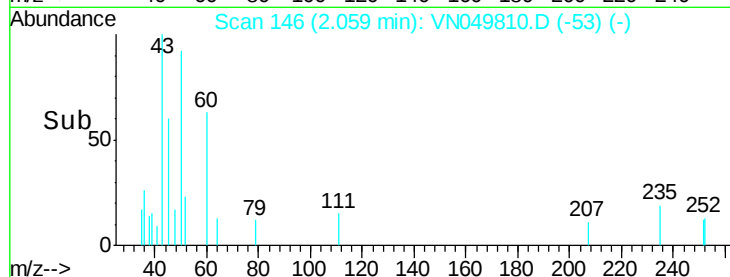
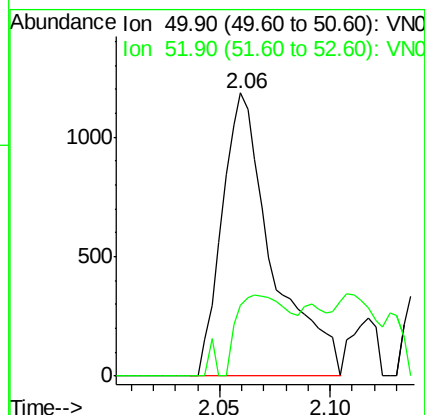
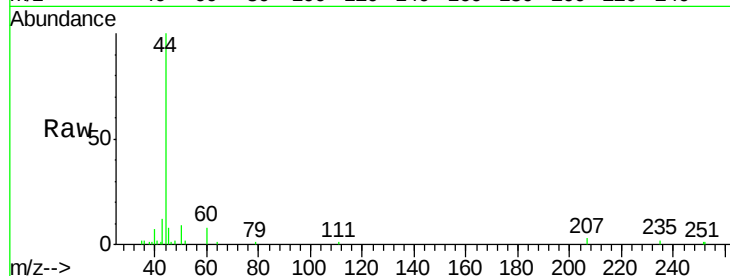
PB111069ZHE#13

Tot Ion: 50 Resp: 1862

Ion Ratio Lower Upper

50 100

52 25.1 26.1 39.1#



#4

Vinyl Chloride

Concen: Below Cal

RT: 2.18 min Scan# 182

Delta R.T. -0.01 min

Lab File: VN049810.D

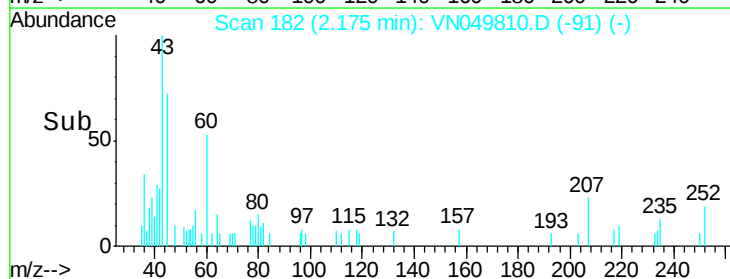
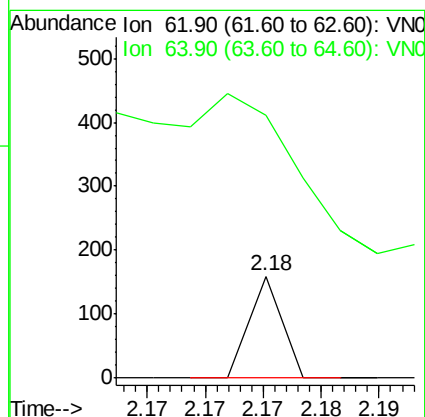
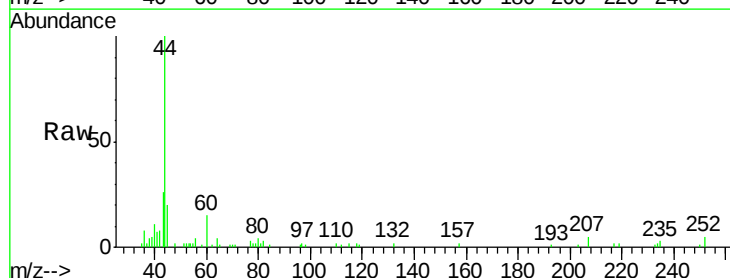
Acq: 13 Jul 2018 20:55

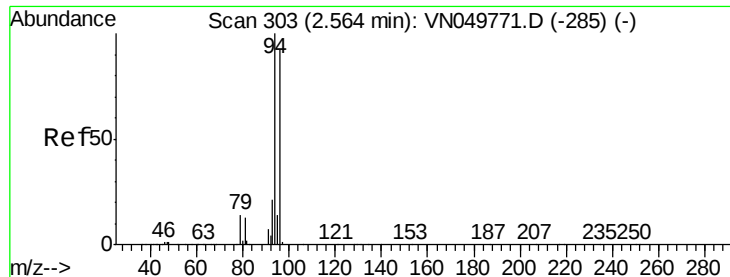
Tgt Ion: 62 Resp: 30

Ion Ratio Lower Upper

62 100

64 114.6 25.4 38.0#





#5

Bromomethane

Concen: Below Cal

RT: 2.58 min Scan# 308

Delta R.T. 0.02 min

Lab File: VN049810.D

Acq: 13 Jul 2018 20:55

Instrument :

MSVOA_N

ClientSampleId :

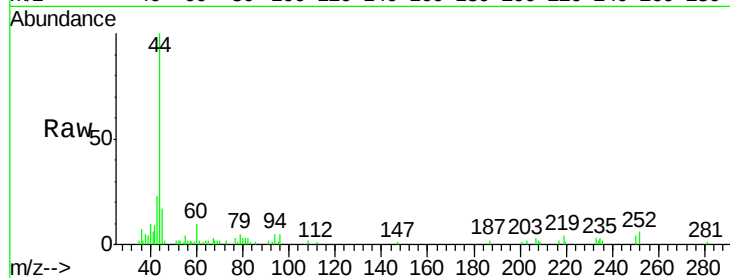
PB111069ZHE#13

Tot Ion: 94 Resp: 964

Ion Ratio Lower Upper

94 100

96 57.3 75.7 113.5#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.58

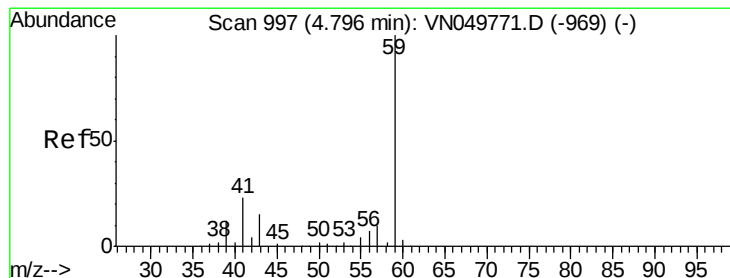
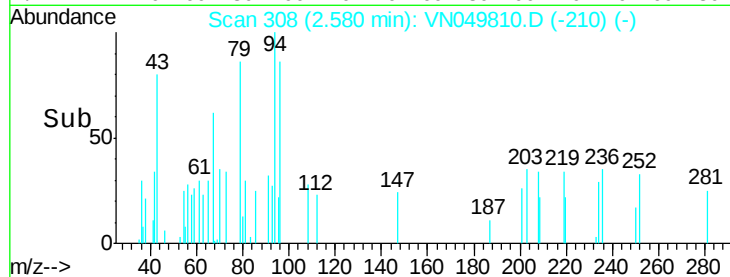
600

400

200

0

Time-->



#11

Tert butyl alcohol

Concen: 0.47 ug/l

RT: 4.78 min Scan# 991

Delta R.T. -0.02 min

Lab File: VN049810.D

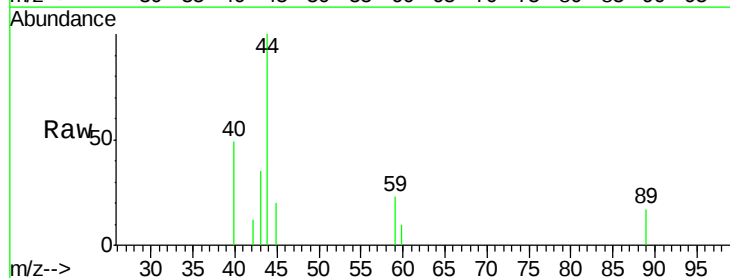
Acq: 13 Jul 2018 20:55

Tgt Ion: 59 Resp: 404

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

4.78

400

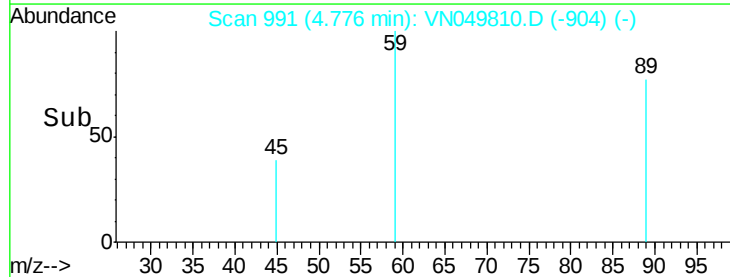
300

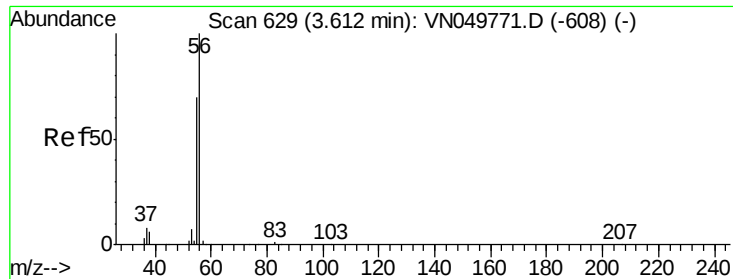
200

100

0

Time-->





#13

Acrolein

Concen: 0.28 ug/l

RT: 3.61 min Scan# 629

Delta R.T. -0.00 min

Lab File: VN049810.D

Acq: 13 Jul 2018 20:55

Instrument :

MSVOA_N

ClientSampleId :

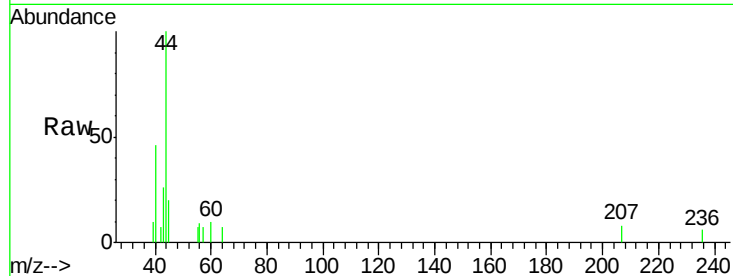
PB111069ZHE#13

Tot Ion: 56 Resp: 215

Ion Ratio Lower Upper

56 100

55 75.8 55.8 83.8



Abundance Ion 56.00 (55.70 to 56.70): VN049810.D (-536) (-)

Ion 55.00 (54.70 to 55.70): VN049810.D (-536) (-)

3.61

200

150

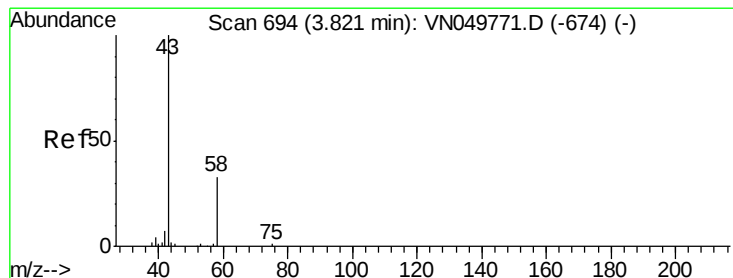
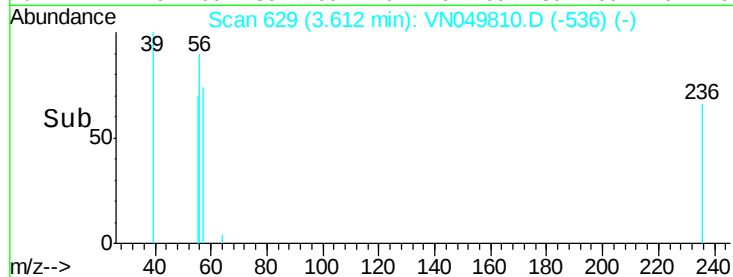
100

50

0

3.60 3.61 3.62 3.63 3.64

Time-->



#16

Acetone

Concen: 6.83 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN049810.D

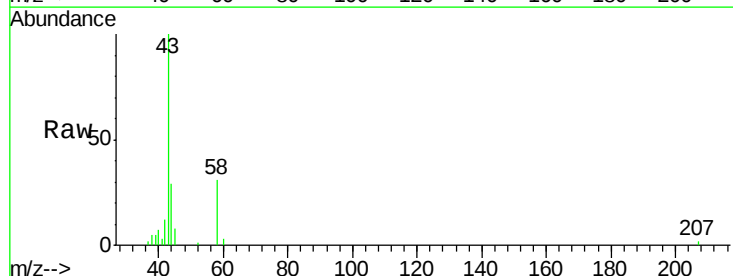
Acq: 13 Jul 2018 20:55

Tgt Ion: 43 Resp: 28046

Ion Ratio Lower Upper

43 100

58 31.8 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN049810.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN049810.D (-601) (-)

12000

10000

8000

6000

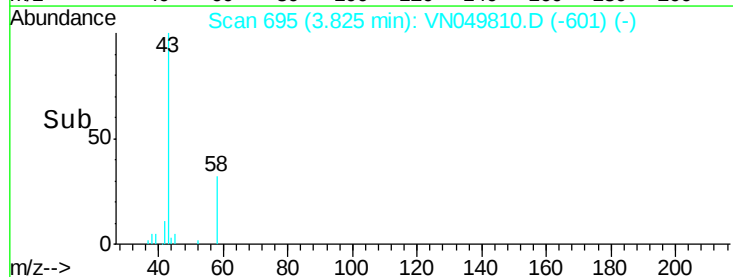
4000

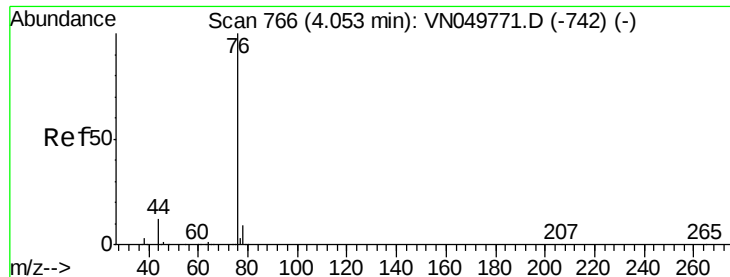
2000

0

3.75 3.80 3.85 3.90

Time-->





#17

Carbon Disulfide

Concen: Below Cal

RT: 4.06 min Scan# 769

Delta R.T. 0.01 min

Lab File: VN049810.D

Acq: 13 Jul 2018 20:55

Instrument :

MSVOA_N

ClientSampleId :

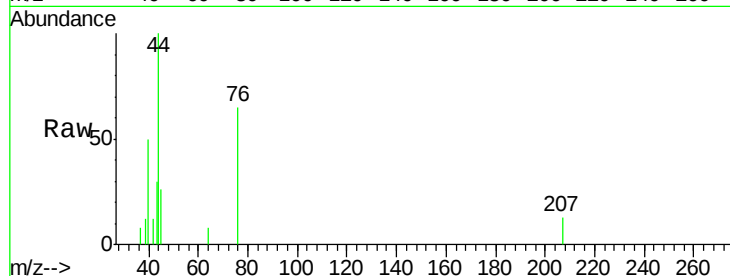
PB111069ZHE#13

Tot Ion: 76 Resp: 2955

Ion Ratio Lower Upper

76 100

78 0.0 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VN049810.D (-742) (-)

Ion 77.90 (77.60 to 78.60): VN049810.D (-742) (-)

4.06

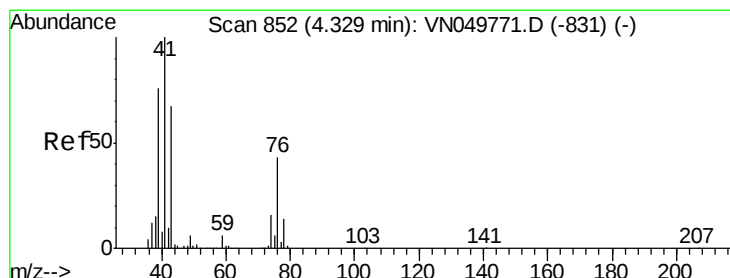
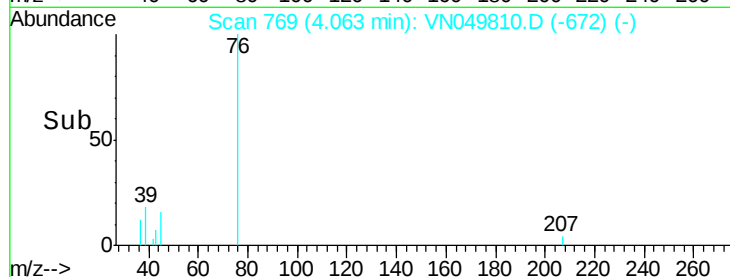
1500

1000

500

0

Time-->



#18

Methyl Acetate

Concen: 6.81 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.00 min

Lab File: VN049810.D

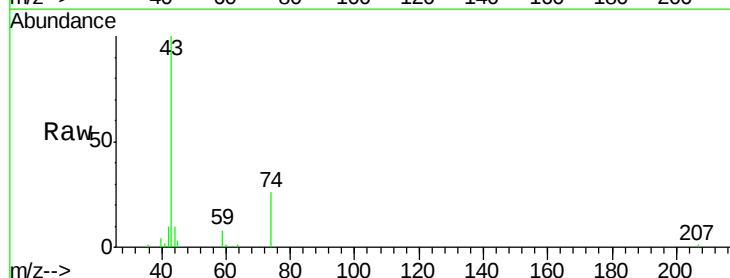
Acq: 13 Jul 2018 20:55

Tgt Ion: 43 Resp: 80025

Ion Ratio Lower Upper

43 100

74 23.3 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN049810.D (-759) (-)

Ion 74.00 (73.70 to 74.70): VN049810.D (-759) (-)

4.33

30000

25000

20000

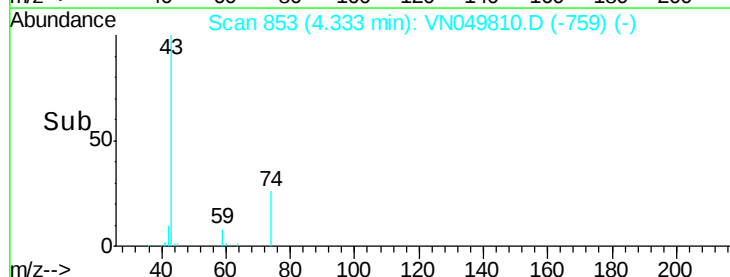
15000

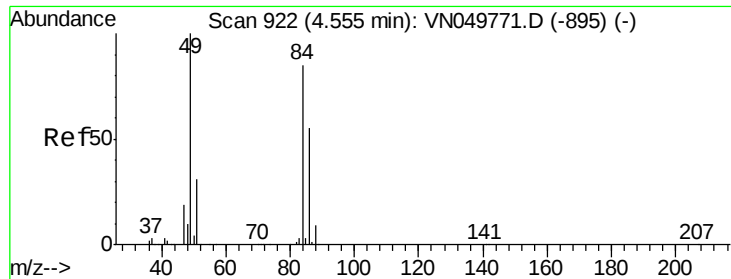
10000

5000

0

Time-->

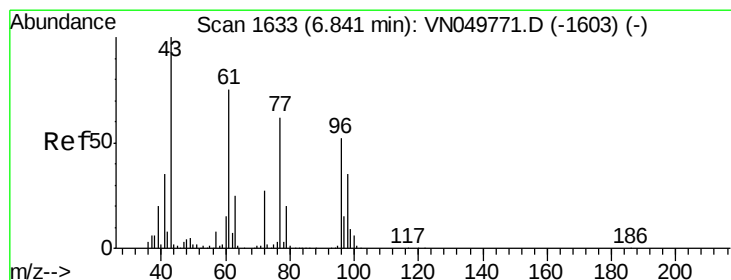
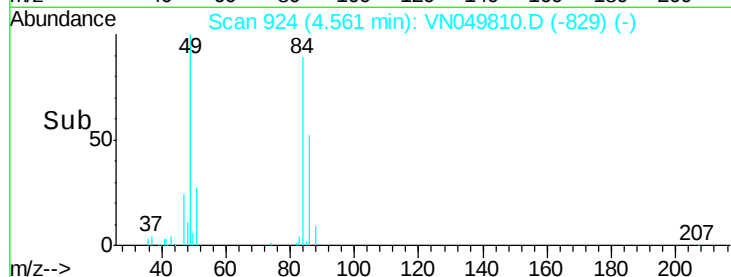
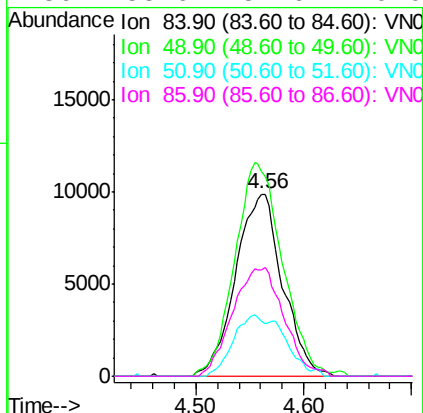
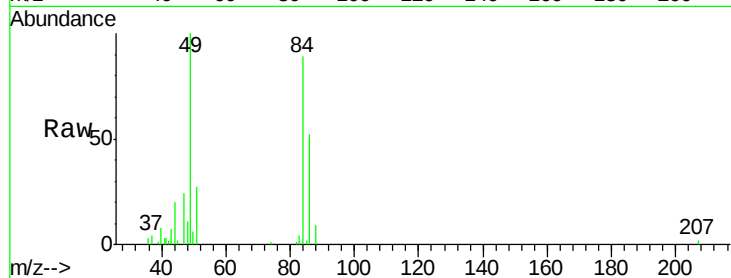




#20
Methvlene Chloride
Concen: 1.37 ug/l
RT: 4.56 min Scan# 924
Delta R.T. 0.01 min
Lab File: VN049810.D
Acq: 13 Jul 2018 20:55

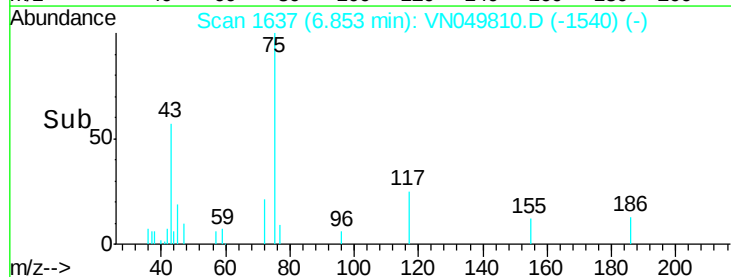
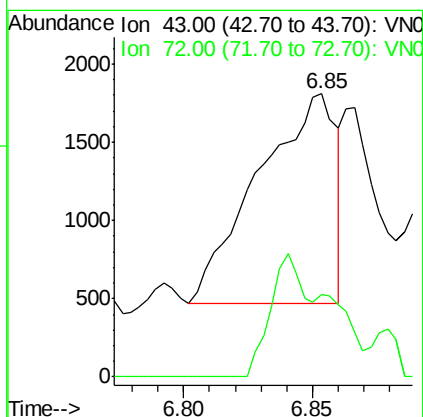
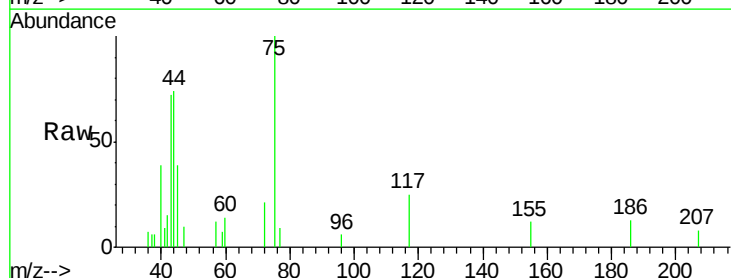
Instrument :
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PB111069ZHE#13

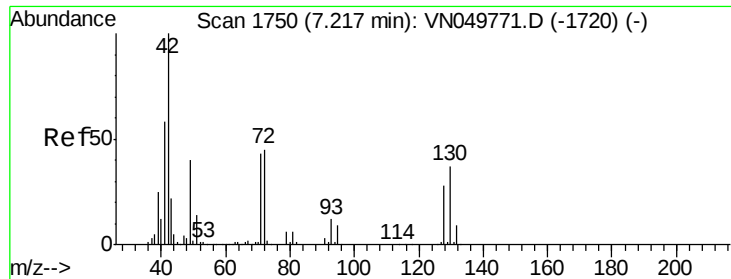
Tot Ion:	84	Resp:	29809
Ion	Ratio	Lower	Upper
84	100		
49	112.4	95.4	143.2
51	30.5	28.4	42.6
86	58.6	52.6	79.0



#25
2-Butanone
Concen: 0.56 ug/l
RT: 6.85 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VN049810.D
Acq: 13 Jul 2018 20:55

Tgt Ion:	43	Resp:	2818
Ion	Ratio	Lower	Upper
43	100		
72	39.3	22.1	33.1#





#29

Tetrahydrofuran

Concen: 0.48 ug/l

RT: 7.21 min Scan# 1749

Delta R.T. -0.00 min

Lab File: VN049810.D

Acq: 13 Jul 2018 20:55

Instrument :

MSVOA_N

ClientSampleId :

PB111069ZHE#13

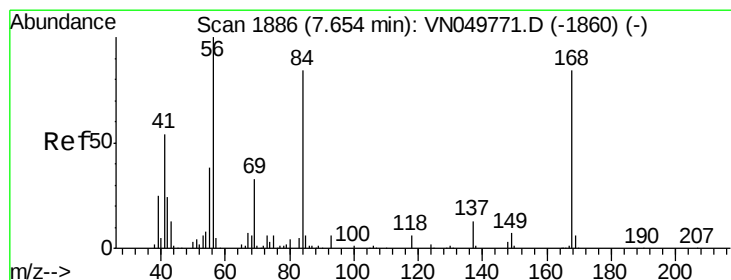
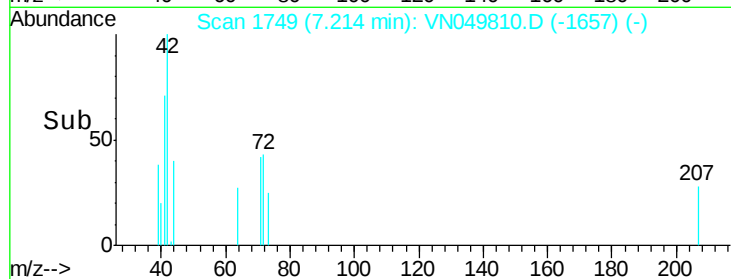
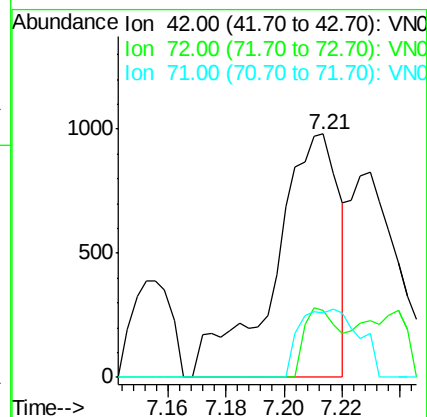
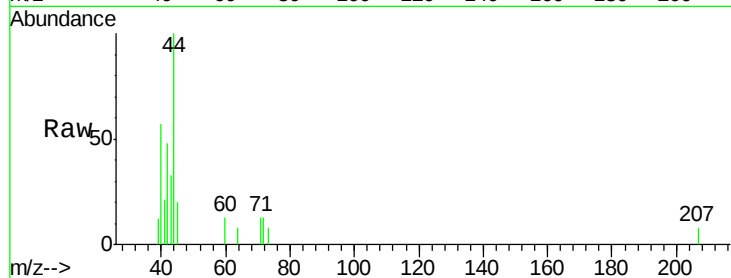
Tot Ion: 42 Resp: 1517

Ion Ratio Lower Upper

42 100

72 14.6 35.6 53.4#

71 25.7 34.0 51.0#



#31

Cyclohexane

Concen: 0.72 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. 0.01 min

Lab File: VN049810.D

Acq: 13 Jul 2018 20:55

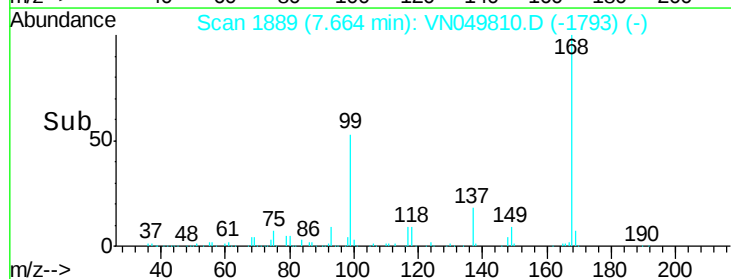
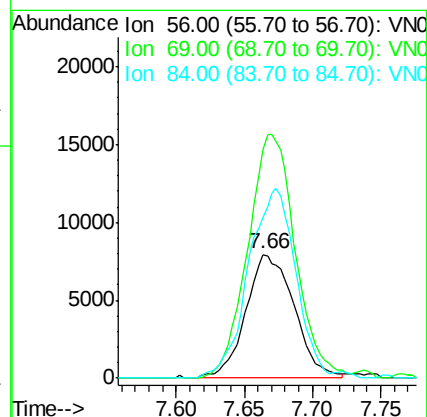
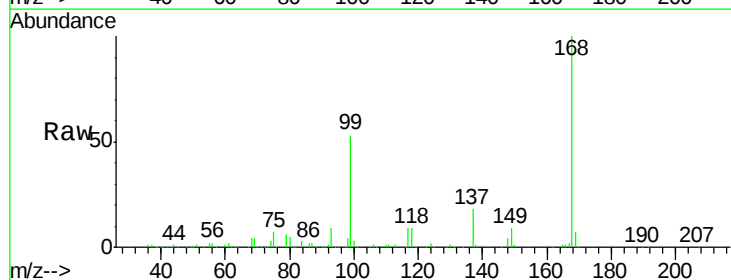
Tgt Ion: 56 Resp: 19503

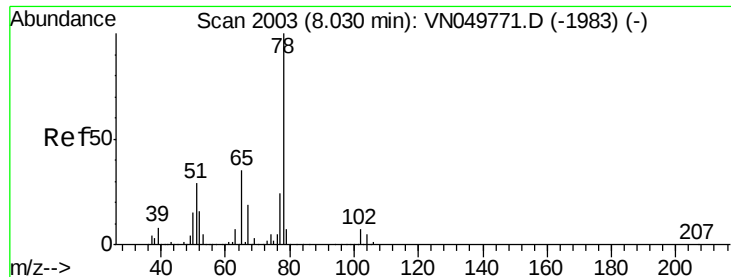
Ion Ratio Lower Upper

56 100

69 185.1 26.6 40.0#

84 129.6 69.0 103.6#





#33

1,2-Dichloroethane-d4

Concen: 59.00 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. -0.00 min

Lab File: VN049810.D

Acq: 13 Jul 2018 20:55

Instrument :

MSVOA_N

ClientSampleId :

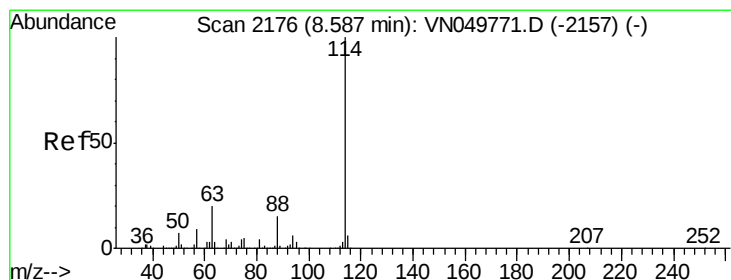
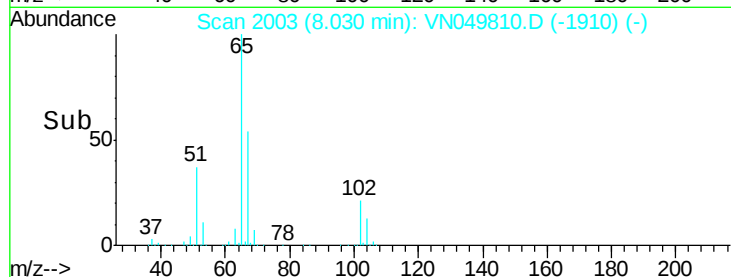
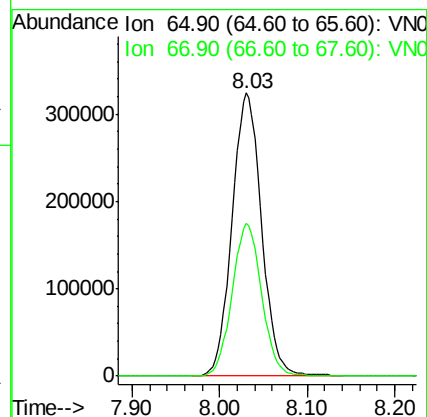
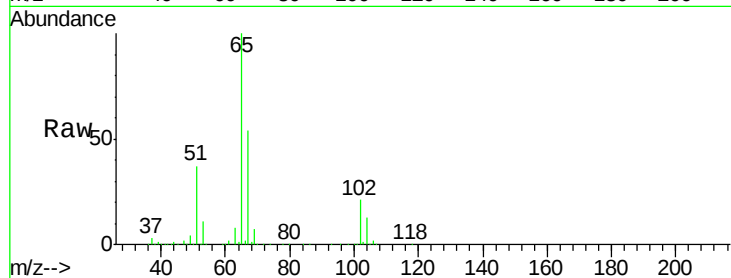
PB111069ZHE#13

Tot Ion: 65 Resp: 759465

Ion Ratio Lower Upper

65 100

67 53.8 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: VN049810.D

Acq: 13 Jul 2018 20:55

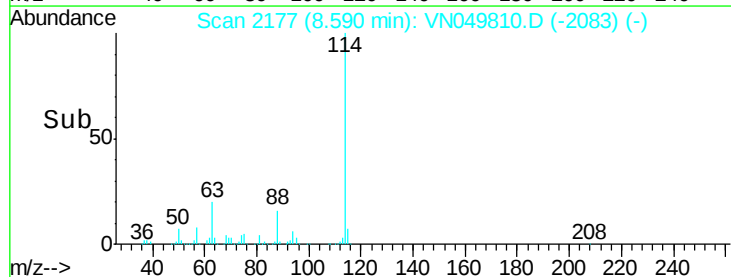
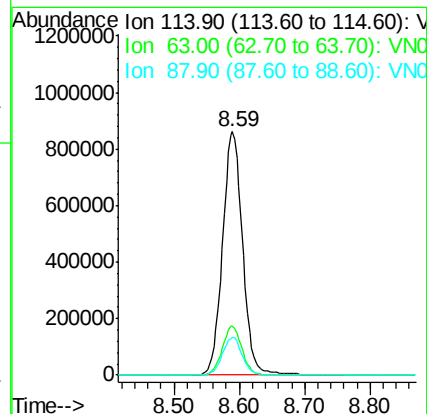
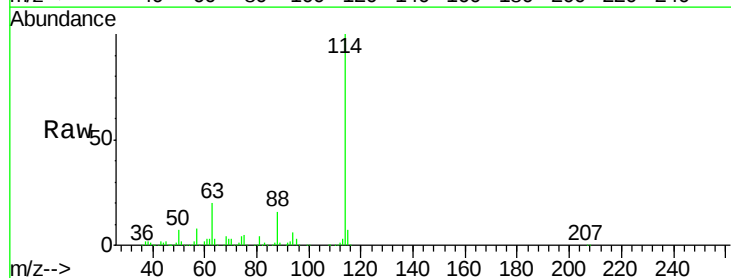
Tgt Ion: 114 Resp: 1839297

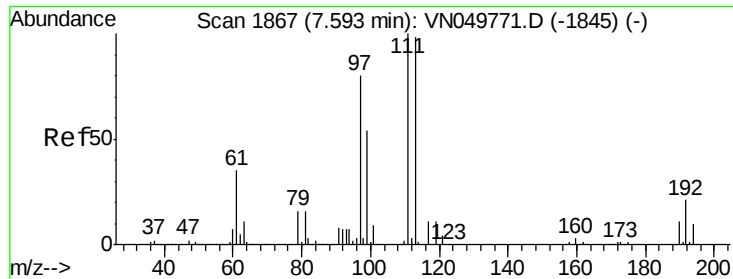
Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.8

88 15.6 0.0 30.6

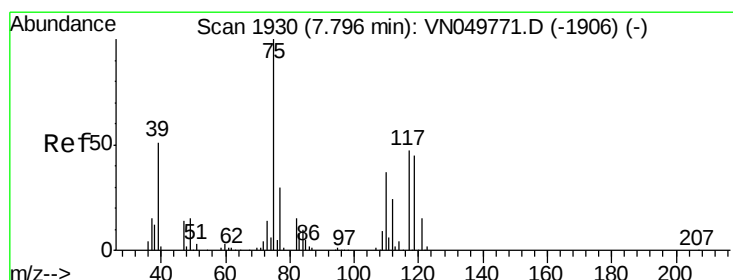
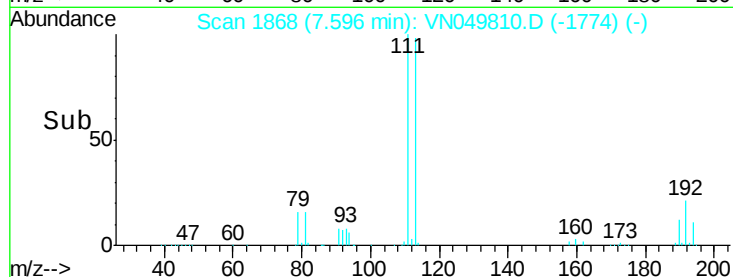
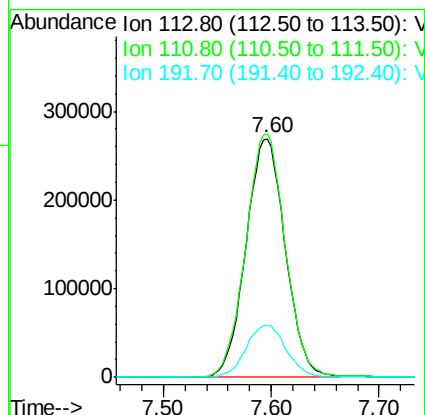
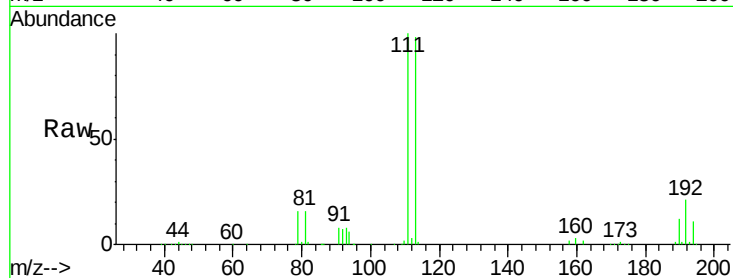




#35
 Dibromofluoromethane
 Concen: 49.29 ug/l
 RT: 7.60 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN049810.D
 Acq: 13 Jul 2018 20:55

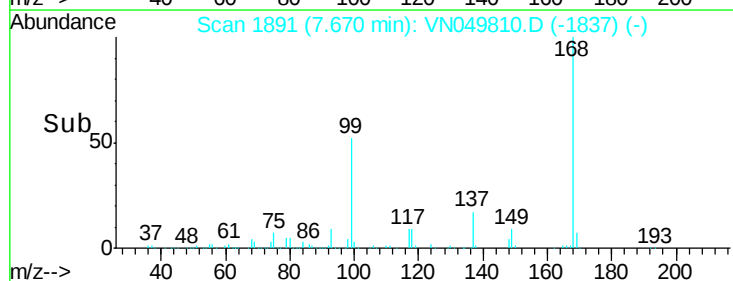
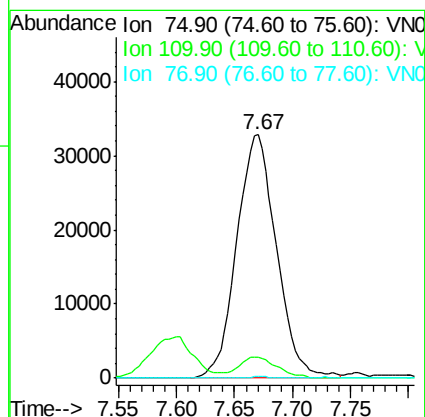
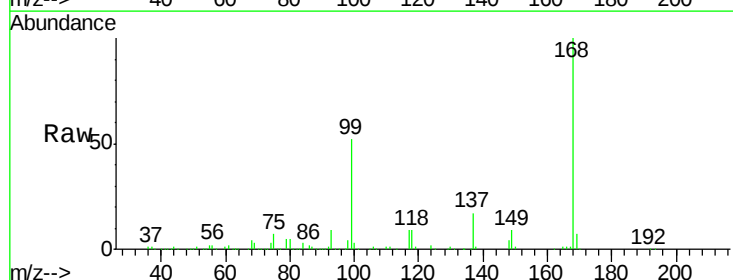
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111069ZHE#13

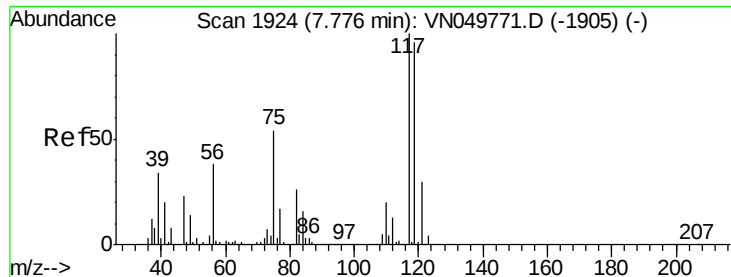
Tot Ion:113 Resp: 683343
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.8 122.8
 192 22.4 17.8 26.6



#36
 1,1-Dichloropropene
 Concen: 3.68 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.13 min
 Lab File: VN049810.D
 Acq: 13 Jul 2018 20:55

Tgt Ion: 75 Resp: 78101
 Ion Ratio Lower Upper
 75 100
 110 8.3 18.1 54.4#
 77 0.2 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 4.58 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. -0.11 min

Lab File: VN049810.D

Acq: 13 Jul 2018 20:55

Instrument :

MSVOA_N

ClientSampleId :

PB111069ZHE#13

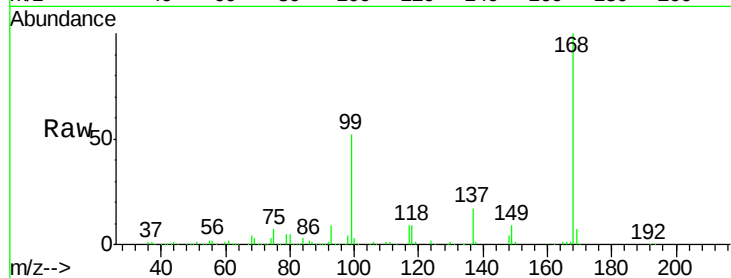
Tot Ion:117 Resp: 101416

Ion Ratio Lower Upper

117 100

119 5.8 77.2 115.8#

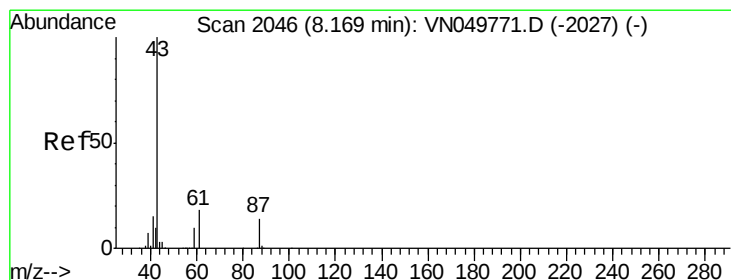
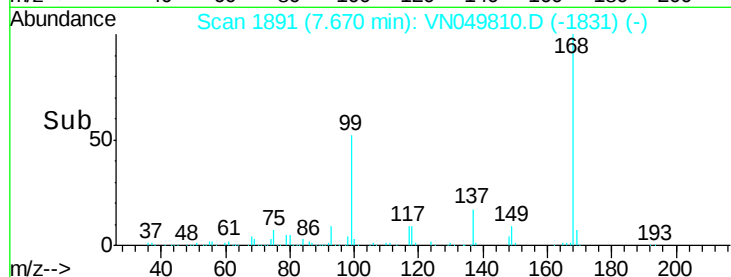
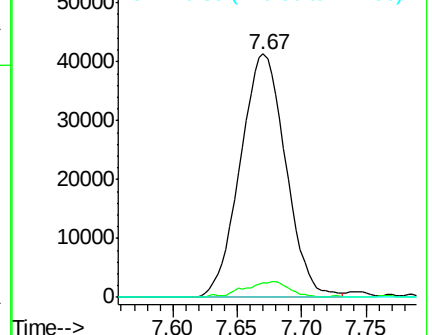
121 0.0 25.0 37.6#



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: 46.49 ug/l

RT: 8.22 min Scan# 2061

Delta R.T. 0.05 min

Lab File: VN049810.D

Acq: 13 Jul 2018 20:55

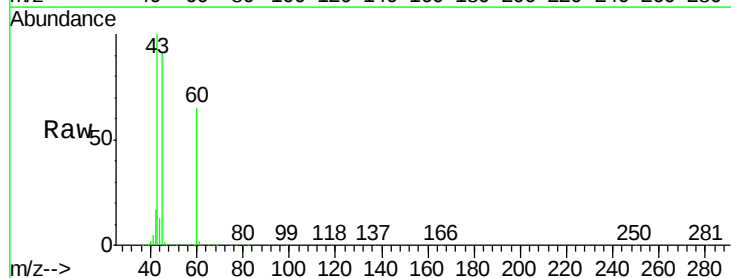
Tgt Ion: 43 Resp: 1048333

Ion Ratio Lower Upper

43 100

61 0.0 14.9 22.3#

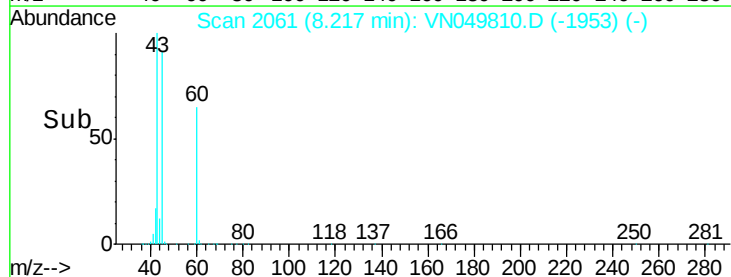
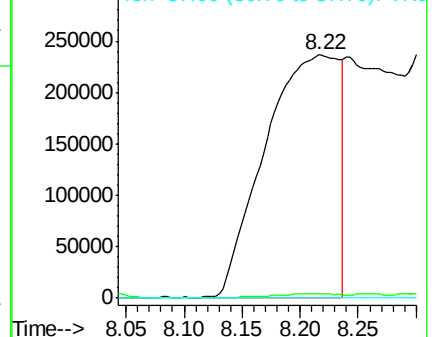
87 0.0 10.0 15.0#

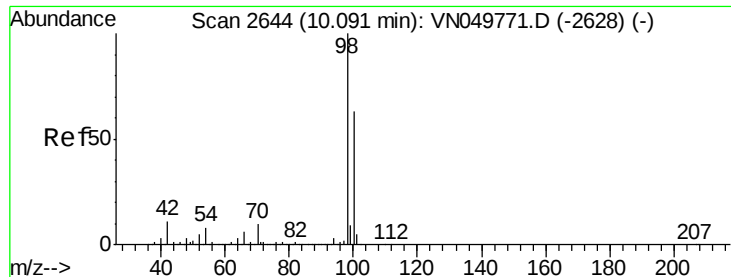


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 51.46 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049810.D

Acq: 13 Jul 2018 20:55

Instrument :

MSVOA_N

ClientSampleId :

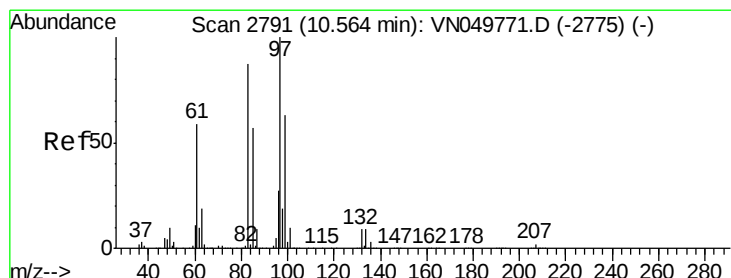
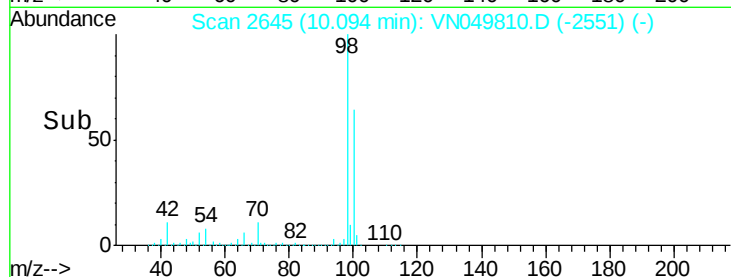
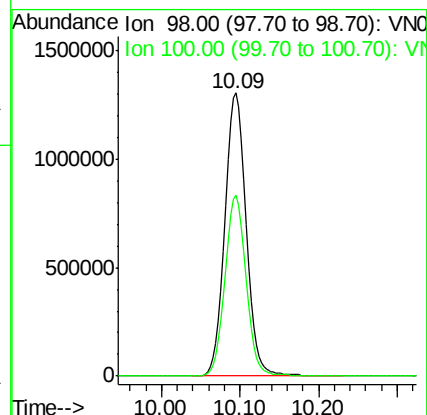
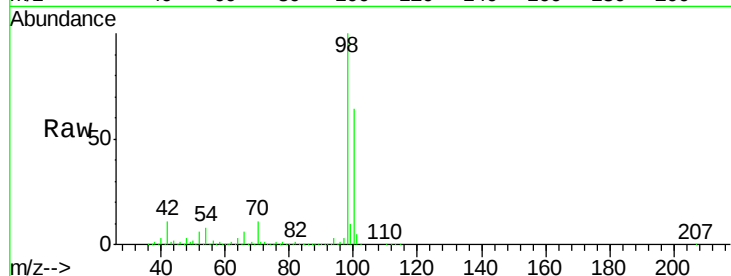
PB111069ZHE#13

Tot Ion: 98 Resp: 2441997

Ion Ratio Lower Upper

98 100

100 63.1 51.7 77.5



#55

1,1,2-Trichloroethane

Concen: Below Cal

RT: 10.57 min Scan# 2792

Delta R.T. 0.00 min

Lab File: VN049810.D

Acq: 13 Jul 2018 20:55

Tgt Ion: 97 Resp: 1369

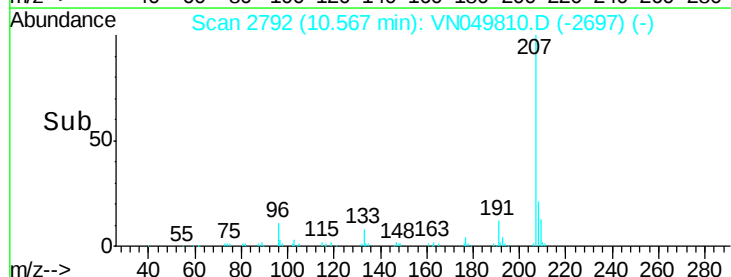
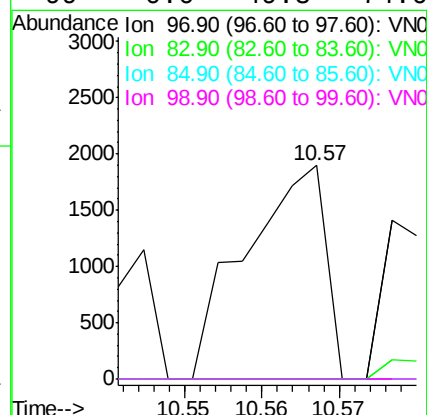
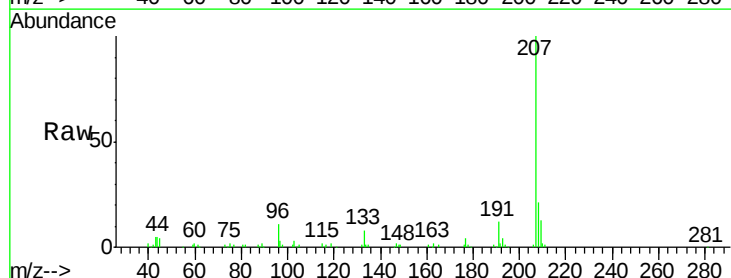
Ion Ratio Lower Upper

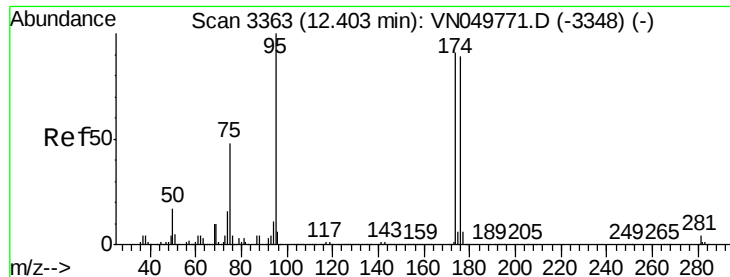
97 100

83 0.0 69.0 103.6#

85 0.0 44.9 67.3#

99 0.0 49.8 74.6#





#62

4-Bromofluorobenzene

Concen: 39.76 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049810.D

Acq: 13 Jul 2018 20:55

Instrument :

MSVOA_N

ClientSampleId :

PB111069ZHE#13

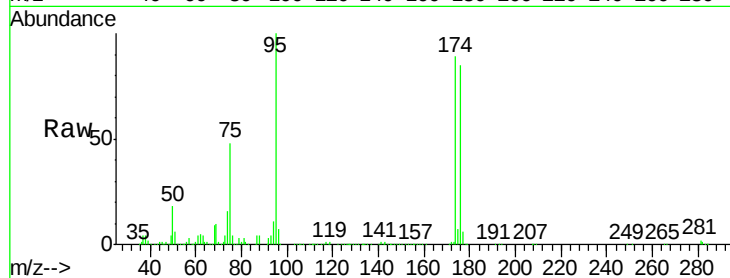
Tot Ion: 95 Resp: 673935

Ion Ratio Lower Upper

95 100

174 90.1 0.0 179.6

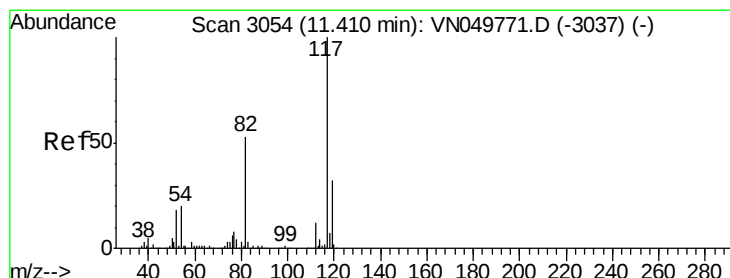
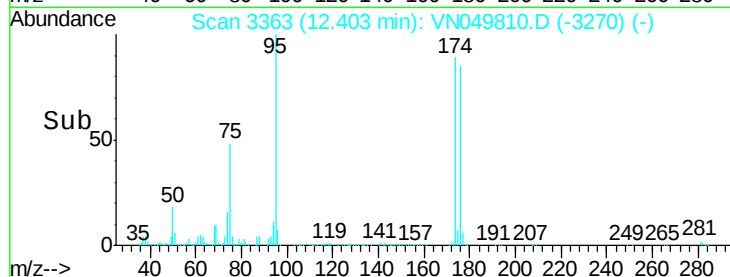
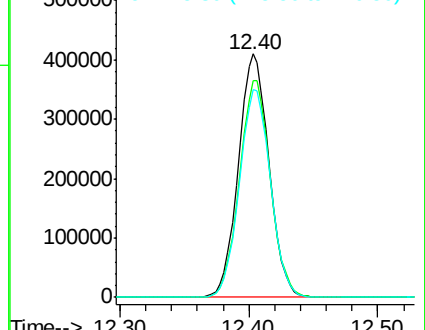
176 86.8 0.0 174.0



Abundance Ion 94.90 (94.60 to 95.60): VN049810.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049810.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049810.D (-3270) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN049810.D

Acq: 13 Jul 2018 20:55

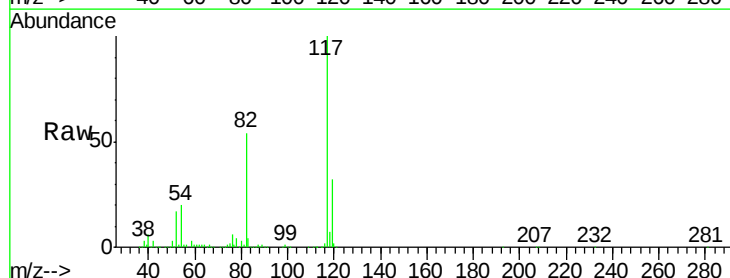
Tgt Ion: 117 Resp: 1497168

Ion Ratio Lower Upper

117 100

82 53.6 41.9 62.9

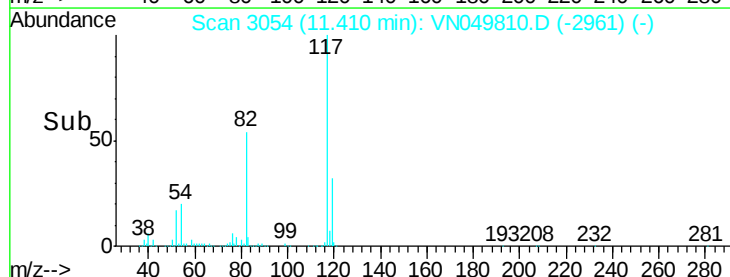
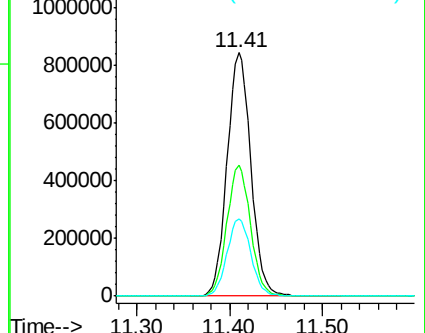
119 31.8 25.4 38.2

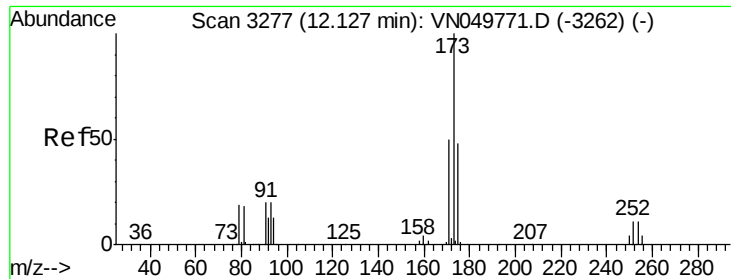


Abundance Ion 116.90 (116.60 to 117.60): VN049810.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049810.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049810.D (-2961) (-)

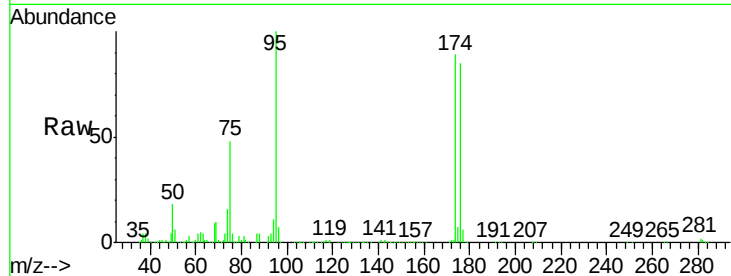




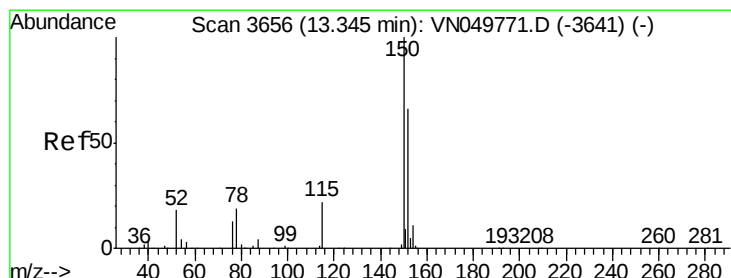
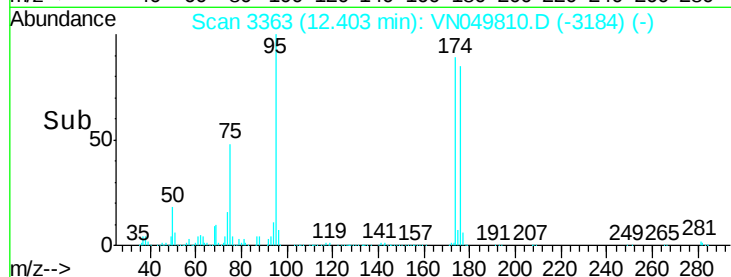
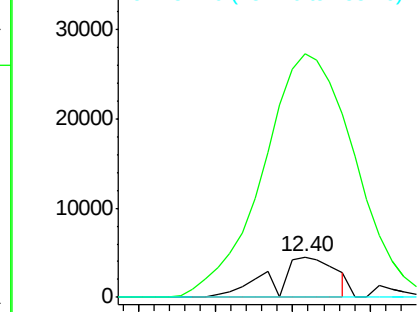
#71
Bromoform
Concen: 0.52 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.28 min
Lab File: VN049810.D
Acq: 13 Jul 2018 20:55

Instrument :
MSVOA_N
ClientSampleId :
PB111069ZHE#13

Tot Ion:173 Resp: 5108
Ion Ratio Lower Upper
173 100
175 724.3 24.6 73.8#
254 0.0 0.2 0.2#

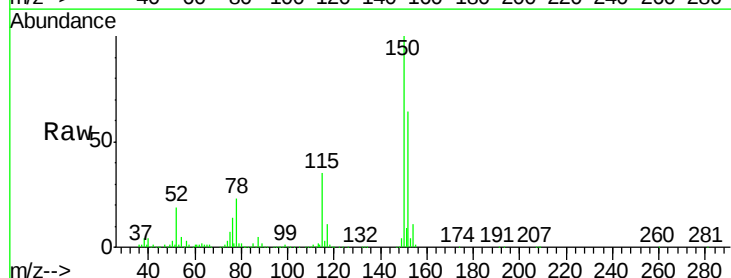


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

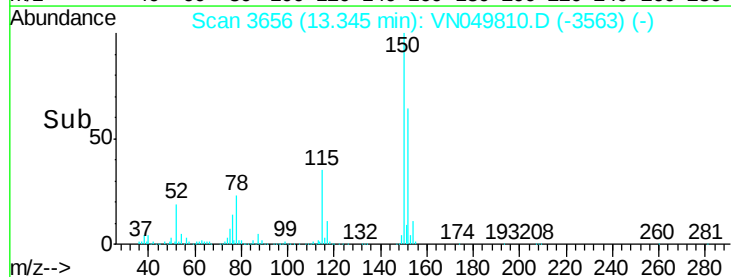
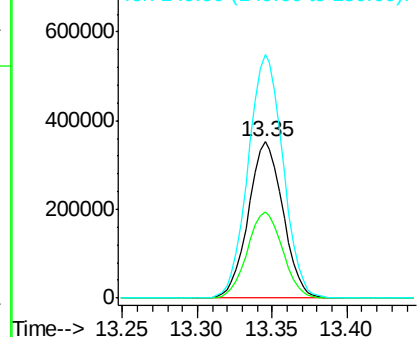


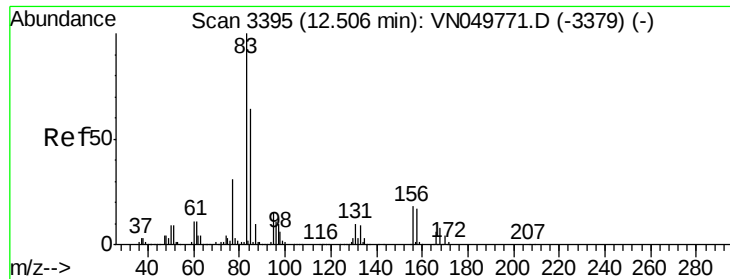
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN049810.D
Acq: 13 Jul 2018 20:55

Tgt Ion:152 Resp: 566131
Ion Ratio Lower Upper
152 100
115 56.3 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

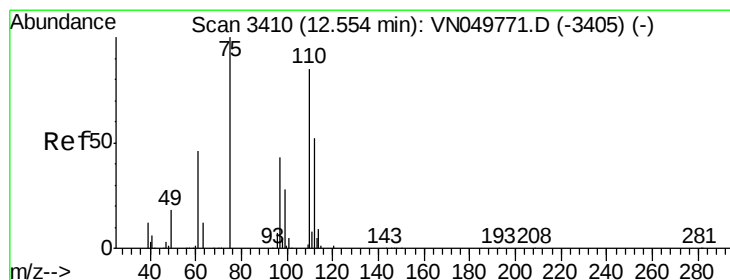
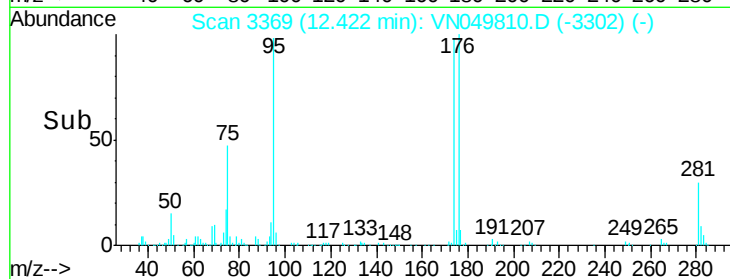
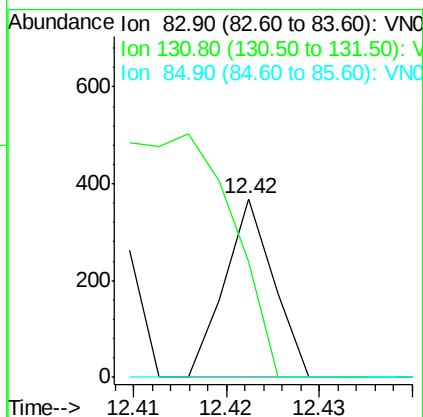
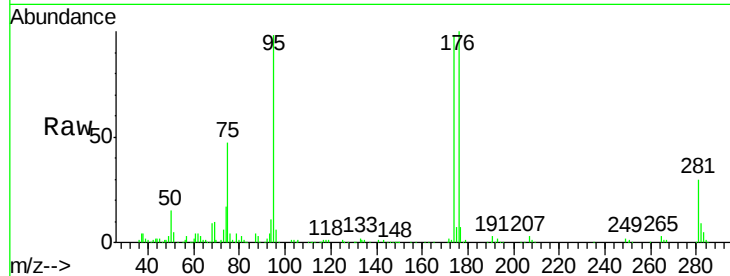




#75
 1,1,2,2-Tetrachloroethane
 Concen: Below Cal
 RT: 12.42 min Scan# 3369
 Delta R.T. -0.08 min
 Lab File: VN049810.D
 Acq: 13 Jul 2018 20:55

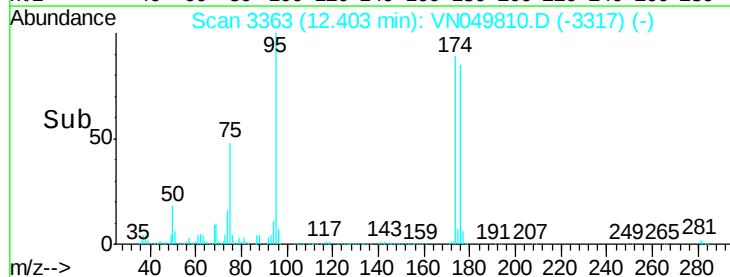
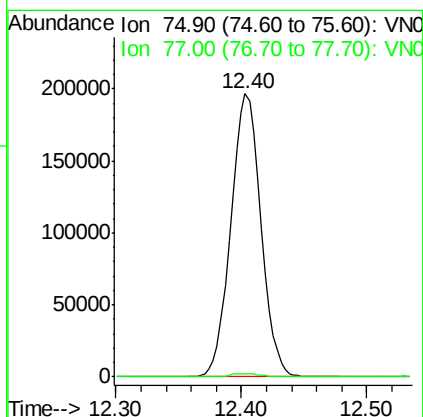
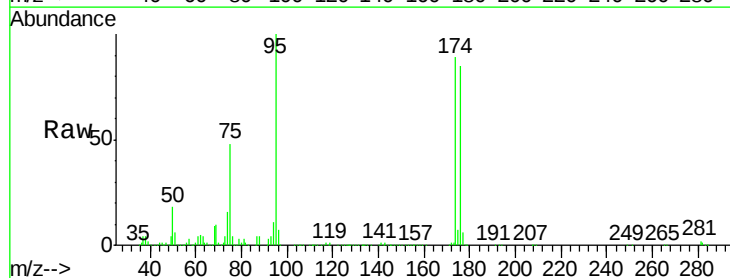
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111069ZHE#13

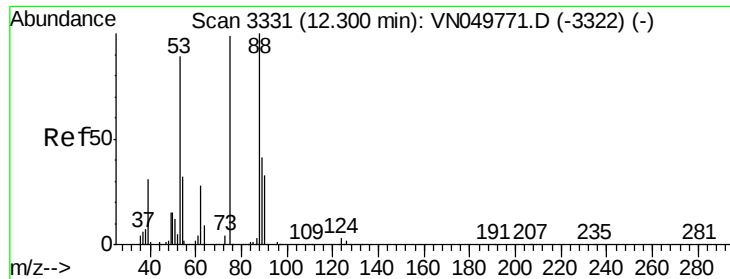
Tot Ion: 83 Resp: 135
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.2 15.6#
 85 0.0 32.5 97.4#



#76
 1,2,3-Trichloropropane
 Concen: 32.49 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. -0.15 min
 Lab File: VN049810.D
 Acq: 13 Jul 2018 20:55

Tgt Ion: 75 Resp: 326761
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 104.92 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049810.D

Acq: 13 Jul 2018 20:55

Instrument :

MSVOA_N

ClientSampleId :

PB111069ZHE#13

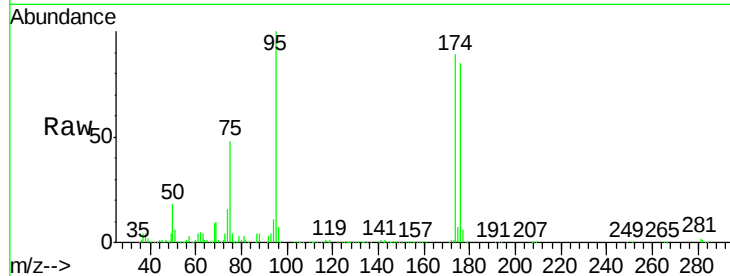
Tot Ion: 75 Resp: 326761

Ion Ratio Lower Upper

75 100

53 0.2 73.9 110.9#

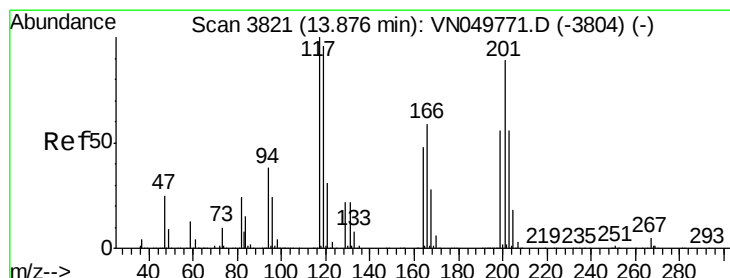
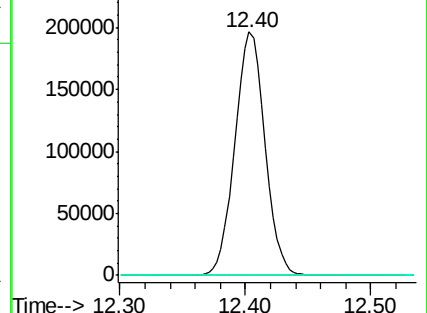
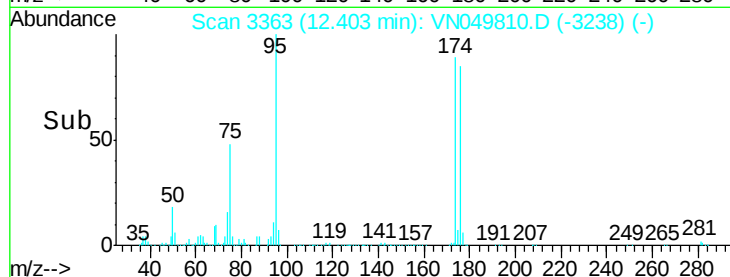
89 0.0 35.9 53.9#



Abundance Ion 74.90 (74.60 to 75.60): VN049810.D (-3363) (-)

Ion 53.00 (52.70 to 53.70): VN049810.D (-3363) (-)

Ion 88.90 (88.60 to 89.60): VN049810.D (-3363) (-)



#90

Hexachloroethane

Concen: Below Cal

RT: 13.88 min Scan# 3821

Delta R.T. 0.00 min

Lab File: VN049810.D

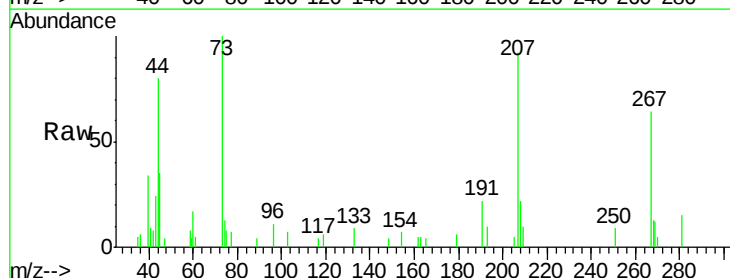
Acq: 13 Jul 2018 20:55

Tgt Ion: 117 Resp: 30

Ion Ratio Lower Upper

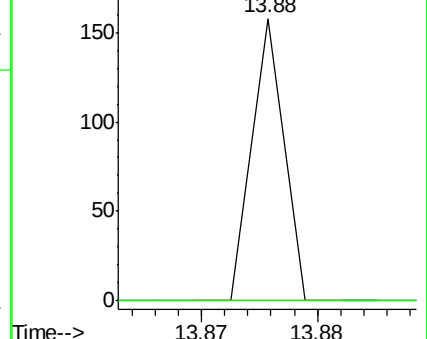
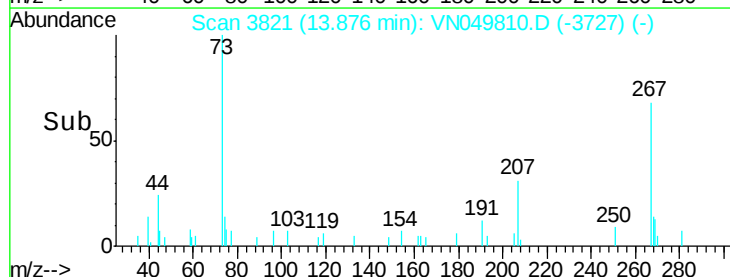
117 100

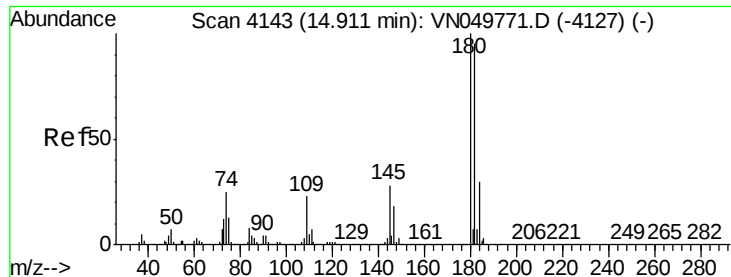
201 0.0 45.3 135.8#



Abundance Ion 116.80 (116.50 to 117.50): VN049810.D (-3821) (-)

Ion 200.70 (200.40 to 201.40): VN049810.D (-3821) (-)





#93

1,2,4-Trichlorobenzene

Concen: 2.91 ug/l

RT: 14.91 min Scan# 4143

Delta R.T. 0.00 min

Lab File: VN049810.D

Acq: 13 Jul 2018 20:55

Instrument :

MSVOA_N

ClientSampleId :

PB111069ZHE#13

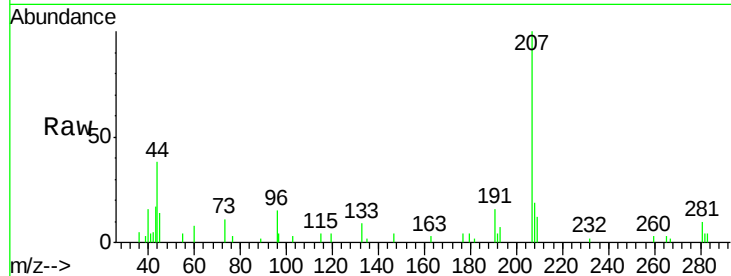
Tot Ion:180 Resp: 220

Ion Ratio Lower Upper

180 100

182 30.9 47.3 141.9#

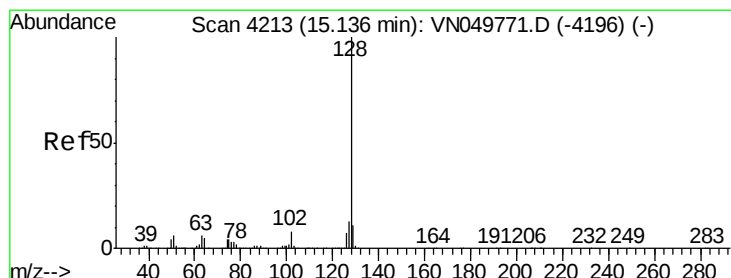
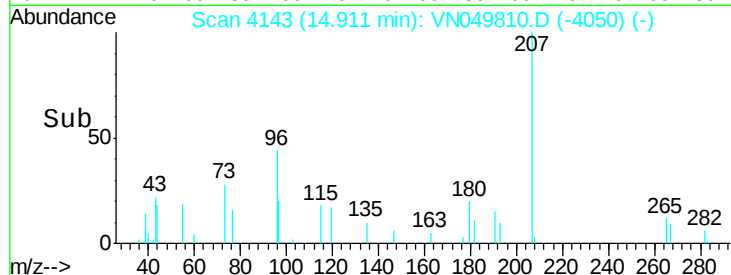
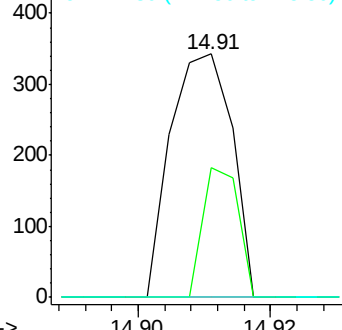
145 0.0 14.4 43.0#



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: 4.04 ug/l

RT: 15.13 min Scan# 4210

Delta R.T. -0.01 min

Lab File: VN049810.D

Acq: 13 Jul 2018 20:55

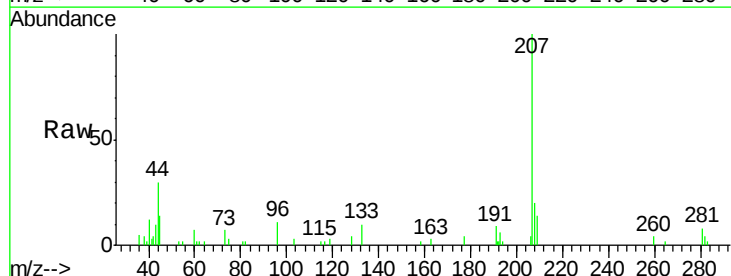
Tgt Ion:128 Resp: 438

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 0.0 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

