

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101918\
 Data File : VN051941.D
 Acq On : 19 Oct 2018 12:13
 Operator : MD\SY
 Sample : PB113937ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113937ZHE#02

Quant Time: Oct 19 23:06:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101718W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 19 05:11:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	959499	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1418917	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1253457	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	437366	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	528905	59.46	ug/l	0.00
Spiked Amount			Recovery	=	118.92%	
35) Dibromofluoromethane	7.59	113	524063	58.11	ug/l	0.00
Spiked Amount			Recovery	=	116.22%	
50) Toluene-d8	10.09	98	1942705	59.18	ug/l	0.00
Spiked Amount			Recovery	=	118.36%	
62) 4-Bromofluorobenzene	12.40	95	546775	49.90	ug/l	0.00
Spiked Amount			Recovery	=	99.80%	

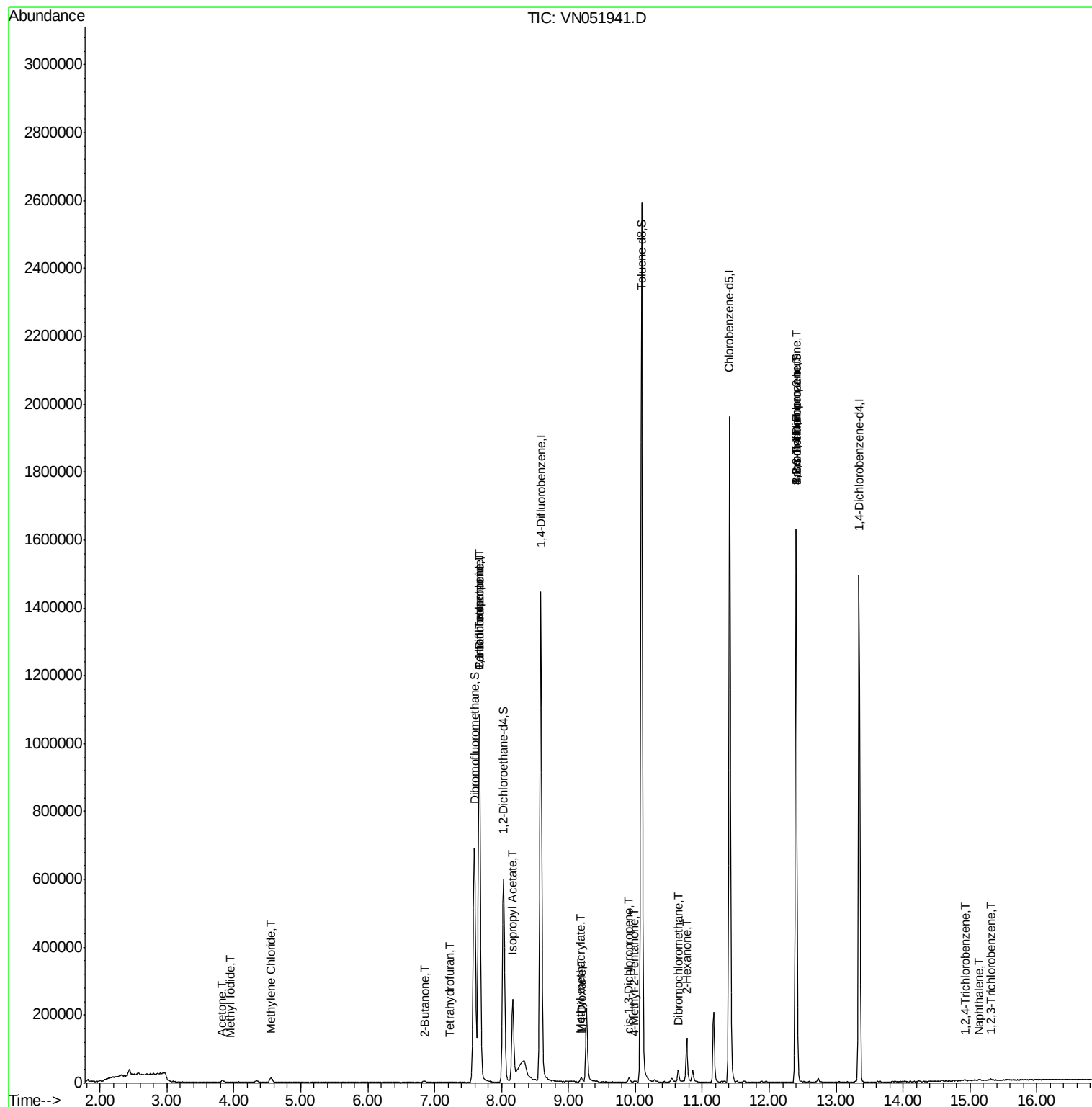
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.58	94	3213	Below Cal		95
10) Methyl Iodide	3.96	142	265	3.306	ug/l #	41
13) Acrolein	3.62	56	104	Below Cal	#	14
16) Acetone	3.82	43	11110	7.054	ug/l	92
18) Methyl Acetate	4.33	43	8649	Below Cal	#	70
20) Methylene Chloride	4.55	84	11858	1.481	ug/l	94
25) 2-Butanone	6.84	43	1385	0.615	ug/l #	78
29) Tetrahydrofuran	7.23	42	1333	0.970	ug/l #	60
31) Cyclohexane	7.66	56	17829	Below Cal	#	43
36) 1,1-Dichloropropene	7.67	75	59385	5.392	ug/l #	42
37) Ethyl Acetate	6.92	43	284	Below Cal	#	64
38) Carbon Tetrachloride	7.67	117	86329	6.657	ug/l #	16
43) Isopropyl Acetate	8.17	43	283257	27.718	ug/l #	88
48) Methyl methacrylate	9.18	41	6172	1.388	ug/l #	16
49) 1,4-Dioxane	9.20	88	32	0.379	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	2067	0.403	ug/l	91
54) cis-1,3-Dichloropropene	9.90	75	2526	0.210	ug/l #	62
59) 2-Hexanone	10.76	43	18448	5.367	ug/l #	57
60) Dibromochloromethane	10.63	129	416	2.088	ug/l #	11
71) Bromoform	12.40	173	4899	3.887	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	276928	52.094	ug/l #	100
79) 2-Chlorotoluene	12.77	91	1346	Below Cal		87
81) trans-1,4-Dichloro-2-buten	12.40	75	276928	171.185	ug/l #	14
93) 1,2,4-Trichlorobenzene	14.91	180	1225	4.220	ug/l	97
95) Naphthalene	15.13	128	3121	4.261	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.31	180	1178	3.076	ug/l	81

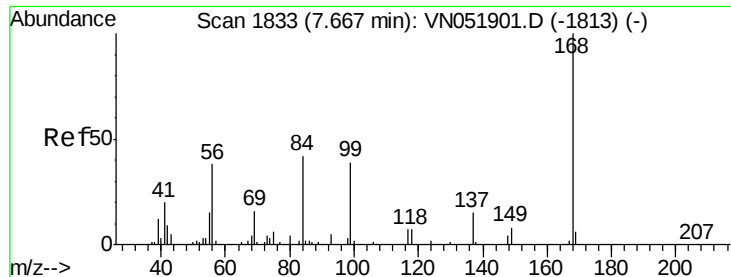
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Oct 19 05:11:28 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN051941.D

Acq: 19 Oct 2018 12:13

Instrument :

MSVOA_N

ClientSampleId :

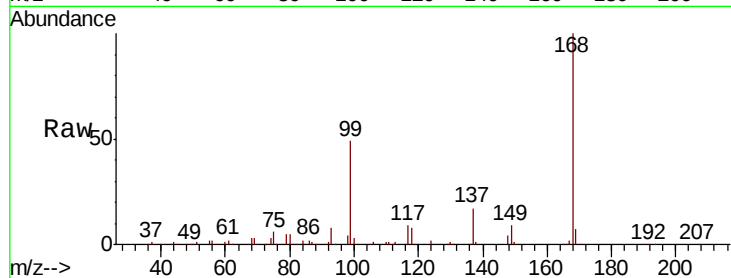
PB113937ZHE#02

Tot Ion:168 Resp: 959499

Ion Ratio Lower Upper

168 100

99 49.4 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VN051941.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN051941.D (-1740) (-)

7.67

400000

300000

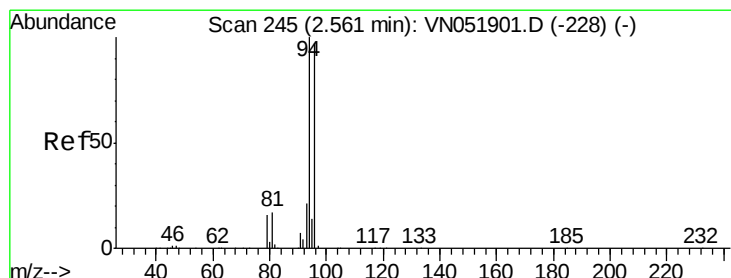
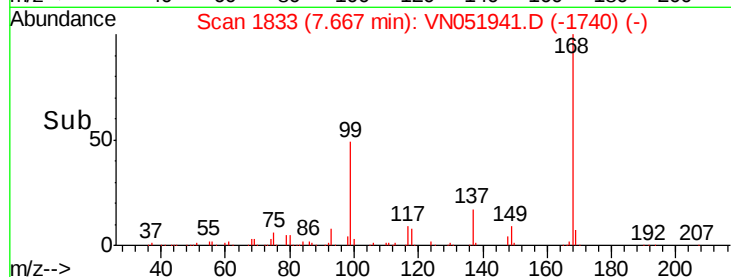
200000

100000

0

7.60 7.70 7.80

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.58 min Scan# 251

Delta R.T. 0.02 min

Lab File: VN051941.D

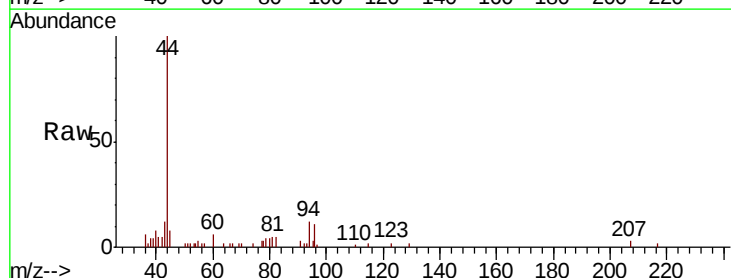
Acq: 19 Oct 2018 12:13

Tgt Ion: 94 Resp: 3213

Ion Ratio Lower Upper

94 100

96 92.1 77.5 116.3



Abundance Ion 93.90 (93.60 to 94.60): VN051941.D (-152) (-)

Ion 95.90 (95.60 to 96.60): VN051941.D (-152) (-)

2.58

1500

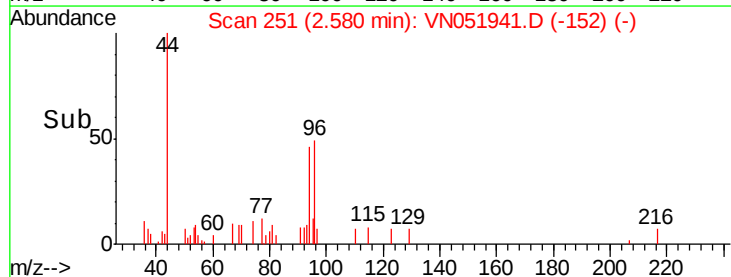
1000

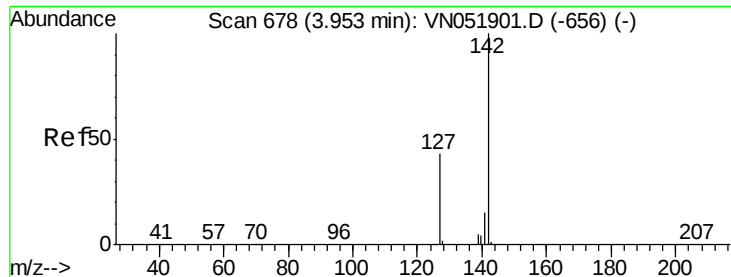
500

0

2.55 2.60

Time-->

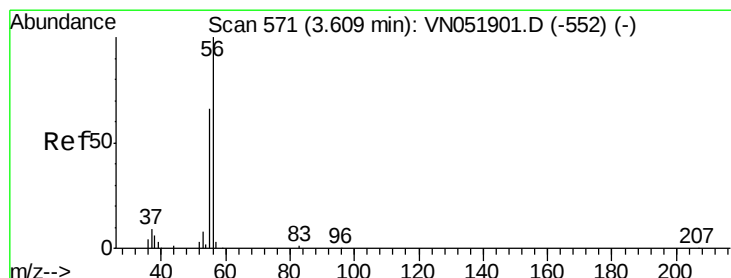
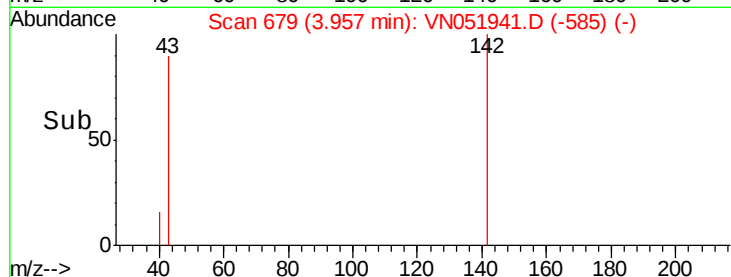
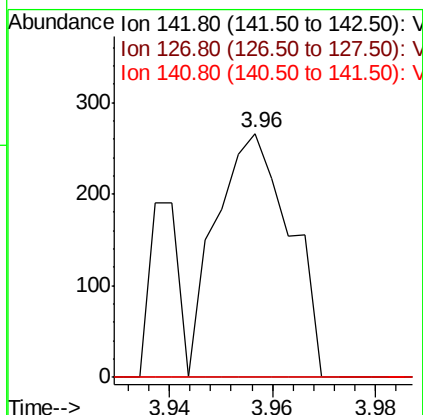
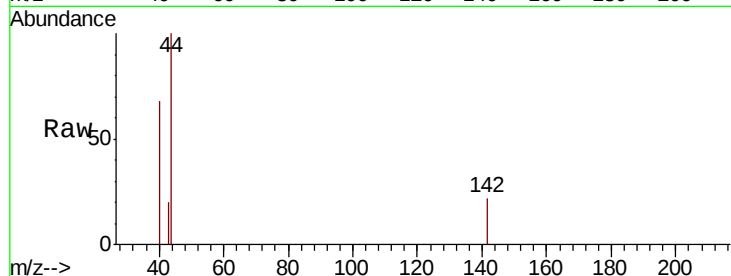




#10
Methvl Iodide
Concen: 3.306 ug/l
RT: 3.96 min Scan# 679
Delta R.T. 0.00 min
Lab File: VN051941.D
Acq: 19 Oct 2018 12:13

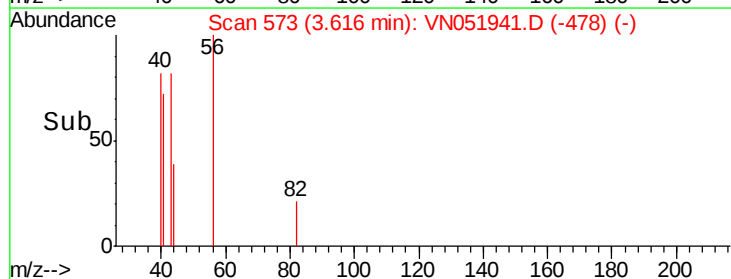
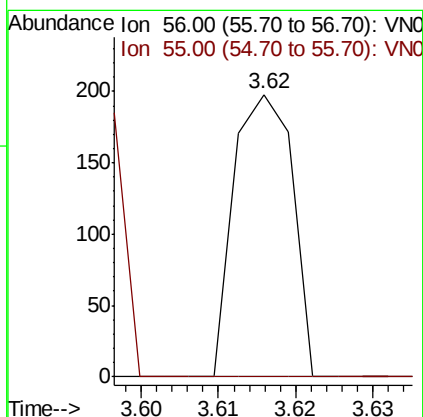
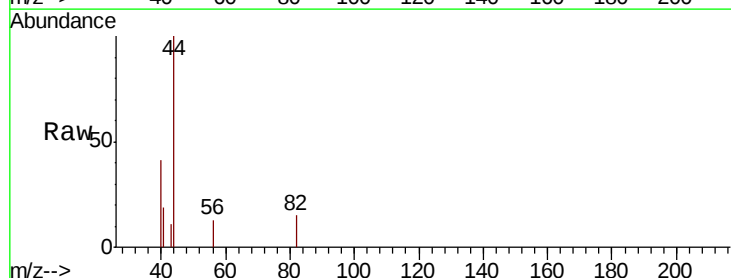
Instrument :
MSVOA_N
ClientSampleId :
PB113937ZHE#02

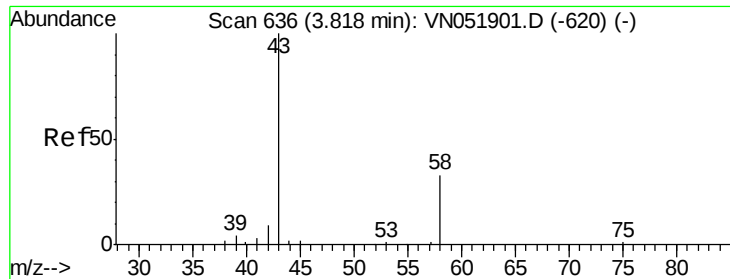
Tot Ion:142 Resp: 265
Ion Ratio Lower Upper
142 100
127 0.0 34.3 51.5#
141 0.0 11.1 16.7#



#13
Acrolein
Concen: Below Cal
RT: 3.62 min Scan# 573
Delta R.T. 0.01 min
Lab File: VN051941.D
Acq: 19 Oct 2018 12:13

Tgt Ion: 56 Resp: 104
Ion Ratio Lower Upper
56 100
55 0.0 56.7 85.1#





#16

Acetone

Concen: 7.054 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN051941.D

Acq: 19 Oct 2018 12:13

Instrument :

MSVOA_N

ClientSampleId :

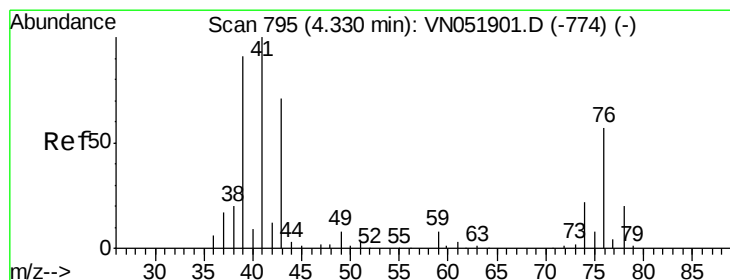
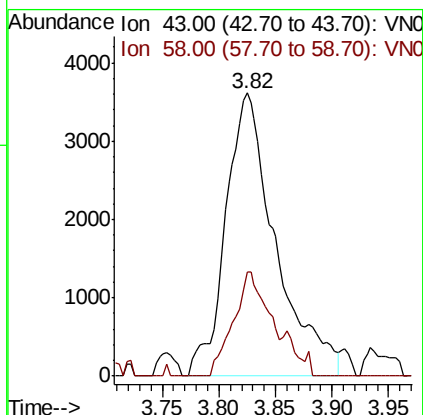
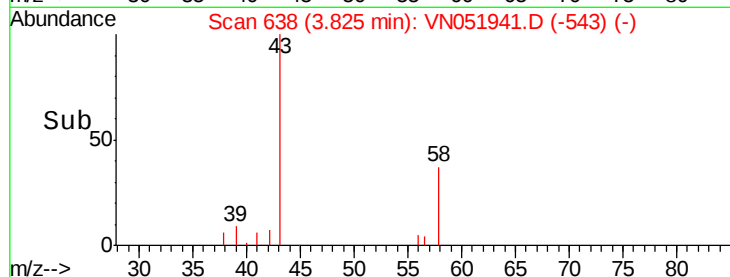
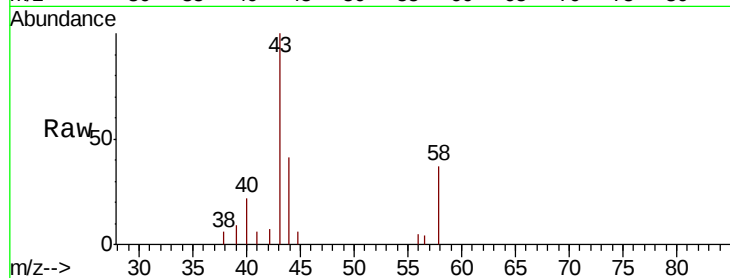
PB113937ZHE#02

Tot Ion: 43 Resp: 11110

Ion Ratio Lower Upper

43 100

58 36.6 25.9 38.9



#18

Methyl Acetate

Concen: Below Cal

RT: 4.33 min Scan# 796

Delta R.T. 0.00 min

Lab File: VN051941.D

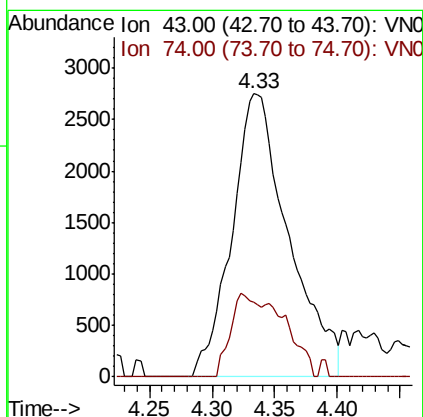
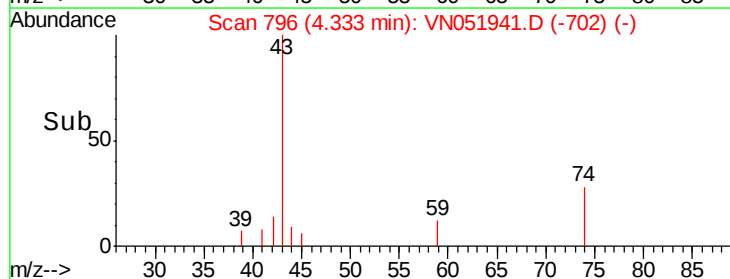
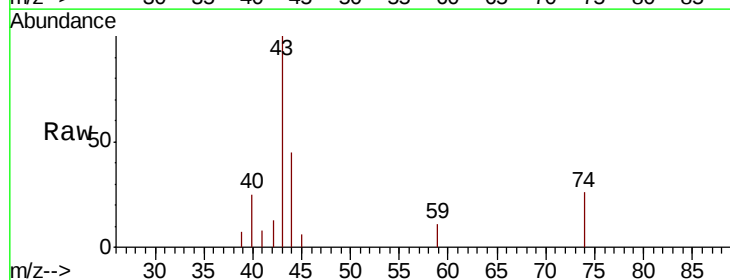
Acq: 19 Oct 2018 12:13

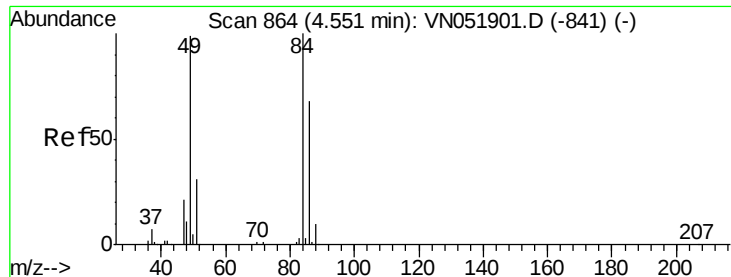
Tgt Ion: 43 Resp: 8649

Ion Ratio Lower Upper

43 100

74 14.7 24.9 37.3#

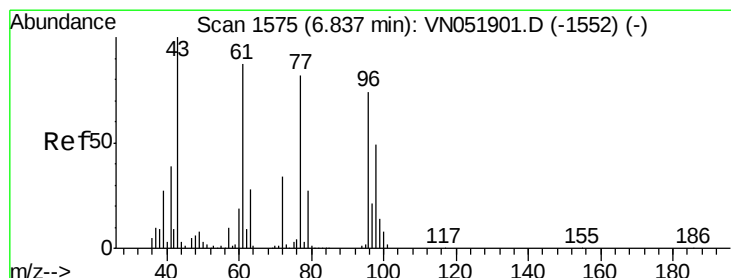
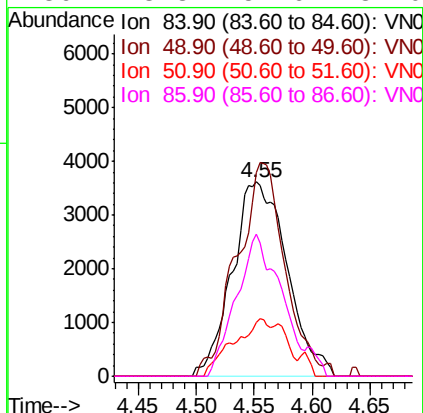
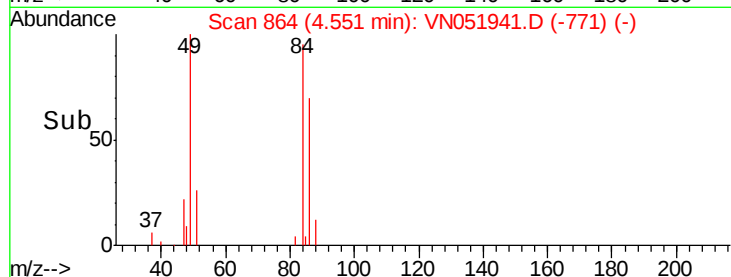
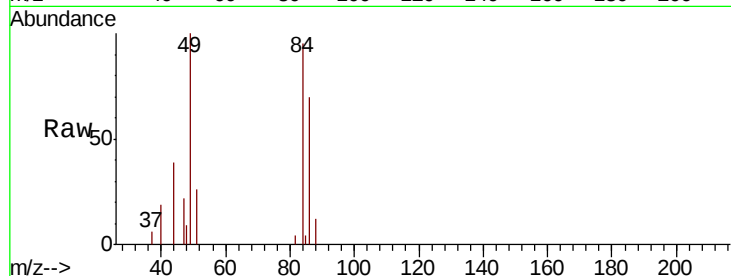




#20
Methvlene Chloride
Concen: 1.481 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN051941.D
Acq: 19 Oct 2018 12:13

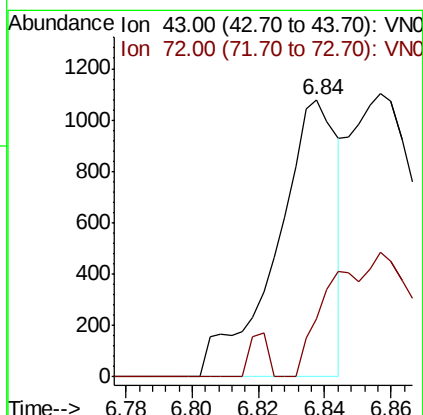
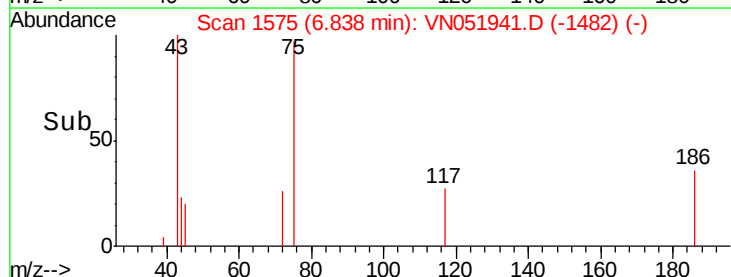
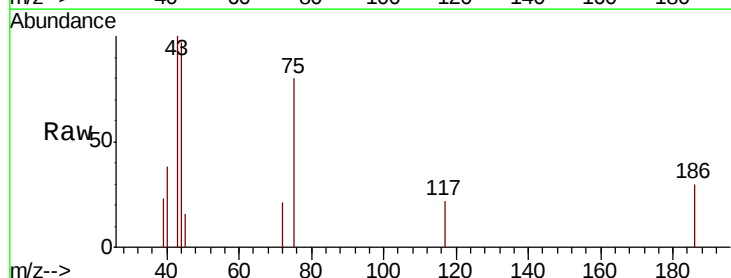
Instrument :
MSVOA_N
ClientSampleId :
PB113937ZHE#02

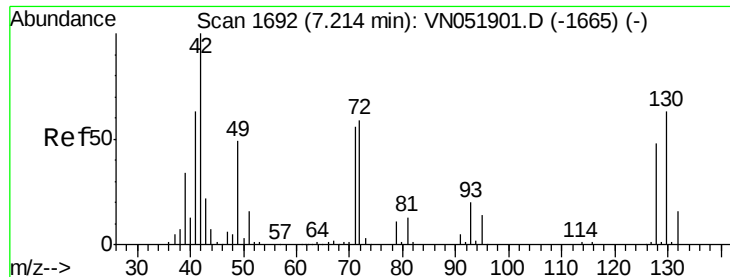
Tot Ion: 84 Resp: 11858
Ion Ratio Lower Upper
84 100
49 104.8 79.0 118.4
51 27.6 24.9 37.3
86 73.3 54.6 82.0



#25
2-Butanone
Concen: 0.615 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN051941.D
Acq: 19 Oct 2018 12:13

Tgt Ion: 43 Resp: 1385
Ion Ratio Lower Upper
43 100
72 21.1 27.0 40.6#





#29

Tetrahydrofuran

Concen: 0.970 ug/l

RT: 7.23 min Scan# 1696

Delta R.T. 0.01 min

Lab File: VN051941.D

Acq: 19 Oct 2018 12:13

Instrument :

MSVOA_N

ClientSampleId :

PB113937ZHE#02

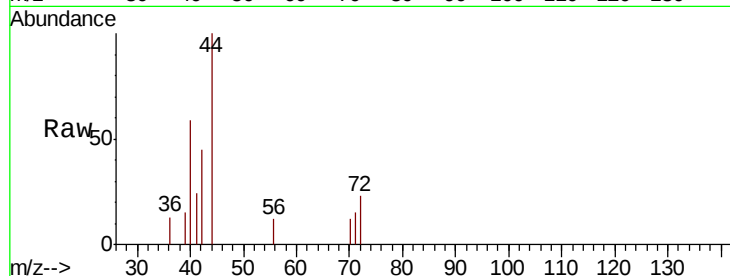
Tot Ion: 42 Resp: 1333

Ion Ratio Lower Upper

42 100

72 28.8 47.7 71.5#

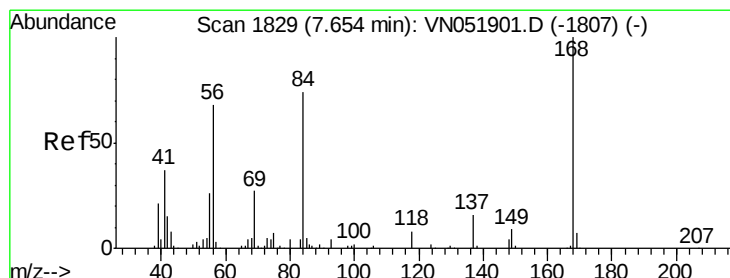
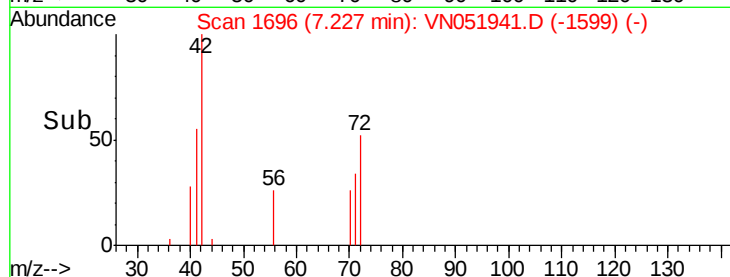
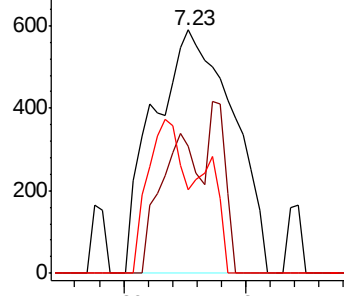
71 28.5 45.4 68.0#



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: Below Cal

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN051941.D

Acq: 19 Oct 2018 12:13

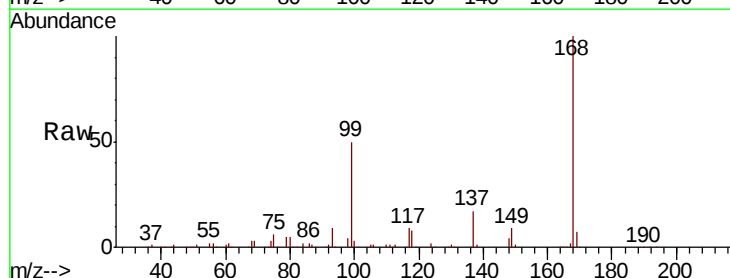
Tgt Ion: 56 Resp: 17829

Ion Ratio Lower Upper

56 100

69 151.1 31.2 46.8#

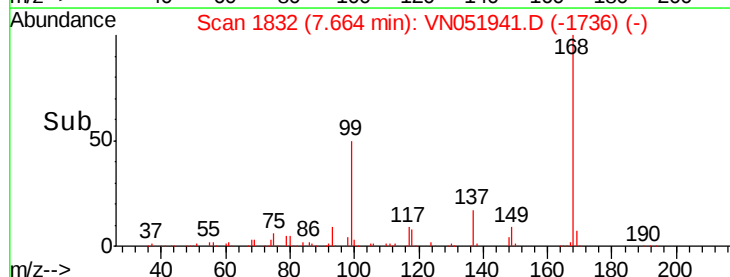
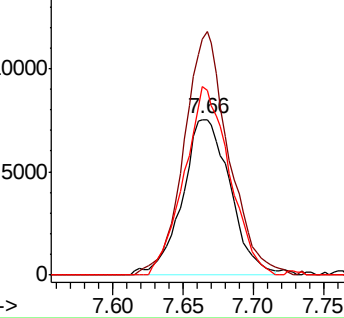
84 120.6 86.6 130.0

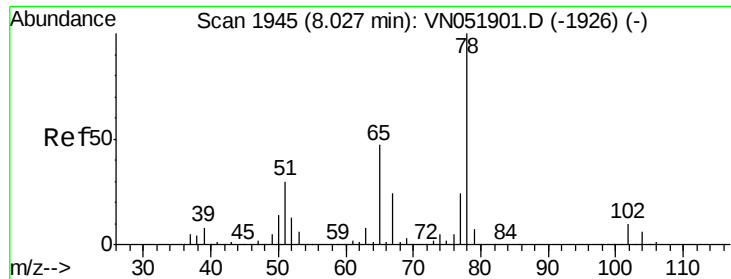


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0





#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN051941.D

Acq: 19 Oct 2018 12:13

Instrument :

MSVOA_N

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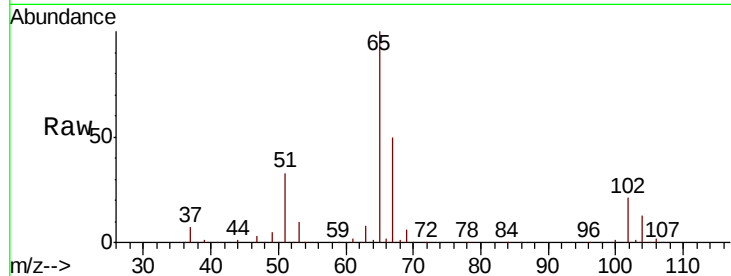
PB113937ZHE#02

Tot Ion: 65 Resp: 528905

Ion Ratio Lower Upper

65 100

67 51.3 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN051941.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN051941.D (-1926) (-)

8.03

250000

200000

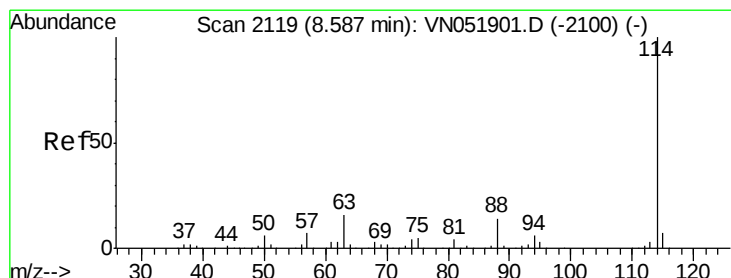
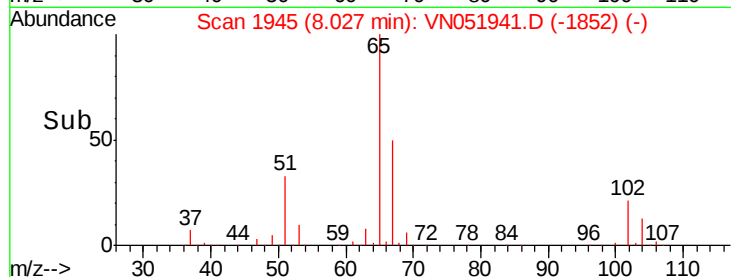
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN051941.D

Acq: 19 Oct 2018 12:13

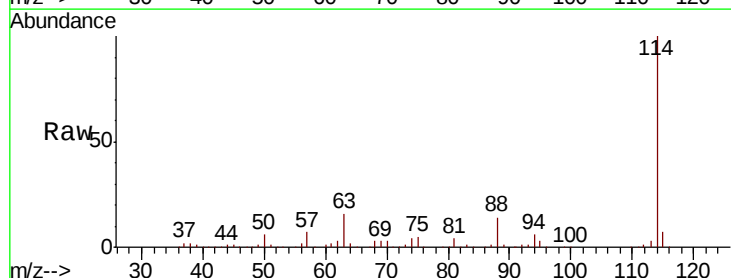
Tgt Ion: 114 Resp: 1418917

Ion Ratio Lower Upper

114 100

63 15.7 0.0 31.8

88 14.1 0.0 28.0



Abundance Ion 113.90 (113.60 to 114.60): VN051941.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN051941.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN051941.D (-2100) (-)

8.59

800000

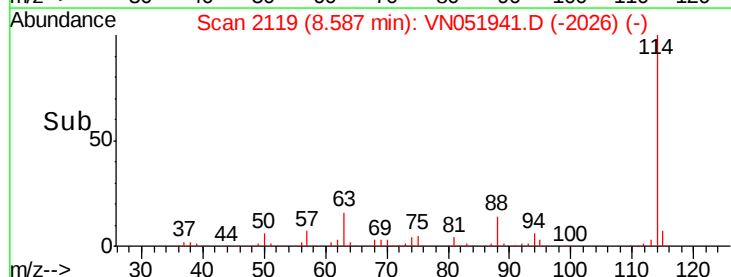
600000

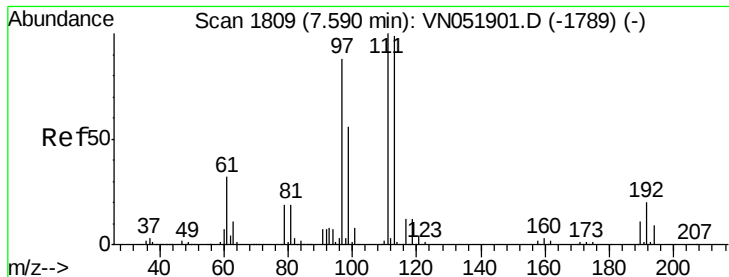
400000

200000

0

Time-->





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN051941.D

Acq: 19 Oct 2018 12:13

Instrument :

MSVOA_N

ClientSampleId :

PB113937ZHE#02

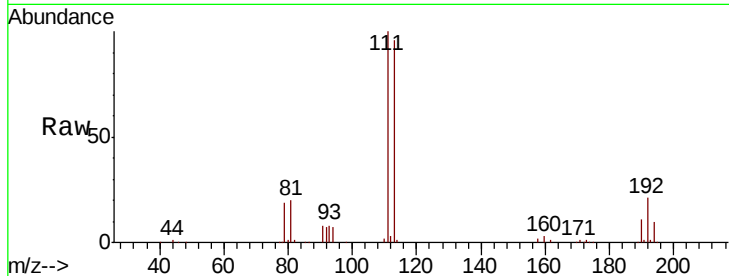
Tot Ion:113 Resp: 524063

Ion Ratio Lower Upper

113 100

111 101.9 82.6 123.8

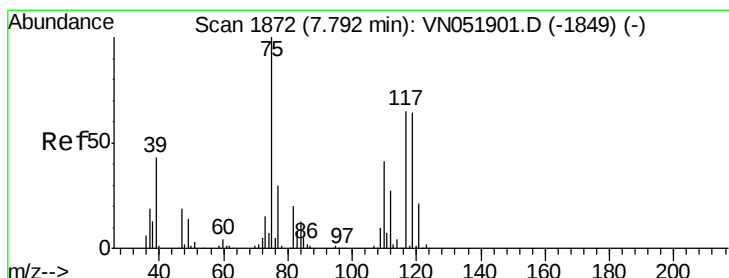
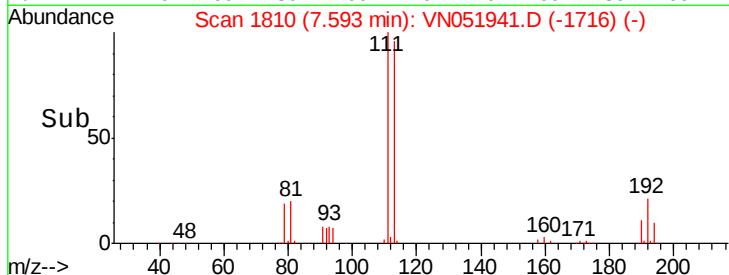
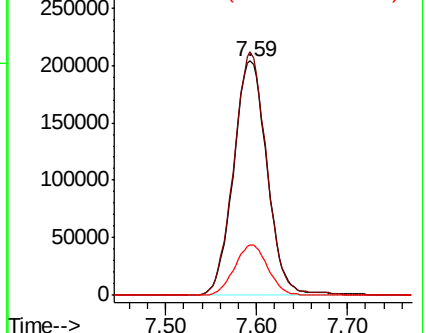
192 21.5 17.3 25.9



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: 5.392 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. -0.12 min

Lab File: VN051941.D

Acq: 19 Oct 2018 12:13

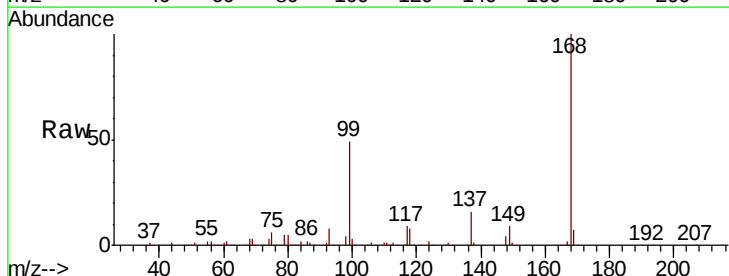
Tgt Ion: 75 Resp: 59385

Ion Ratio Lower Upper

75 100

110 4.7 21.0 63.0#

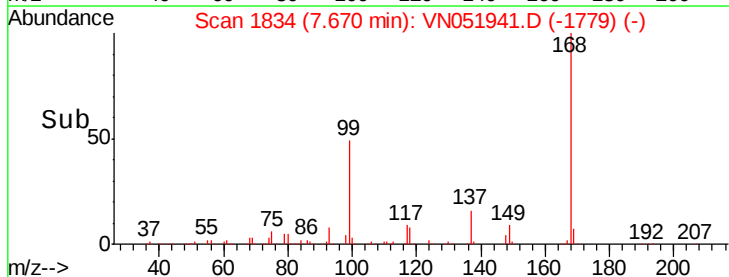
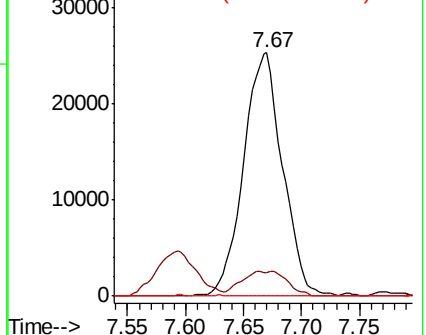
77 0.0 24.9 37.3#

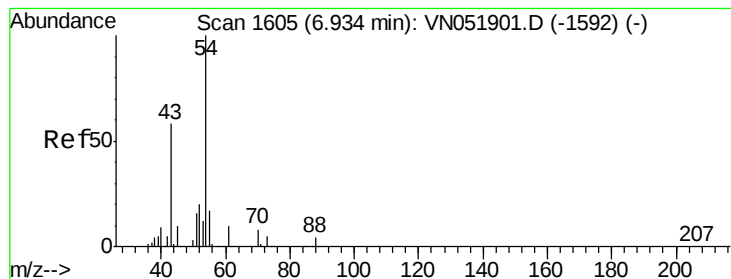


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#37

Ethyl Acetate

Concen: Below Cal

RT: 6.92 min Scan# 1601

Delta R.T. -0.01 min

Lab File: VN051941.D

Acq: 19 Oct 2018 12:13

Instrument :

MSVOA_N

ClientSampleId :

PB113937ZHE#02

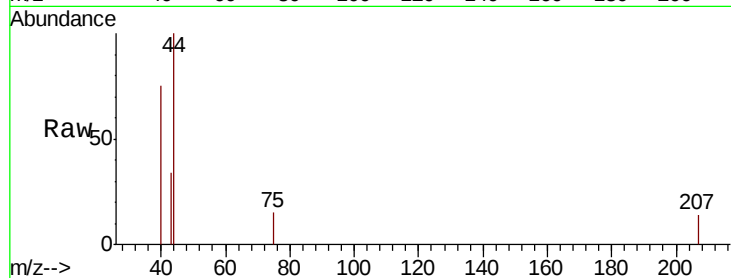
Tot Ion: 43 Resp: 284

Ion Ratio Lower Upper

43 100

61 0.0 13.0 19.6#

70 0.0 10.4 15.6#

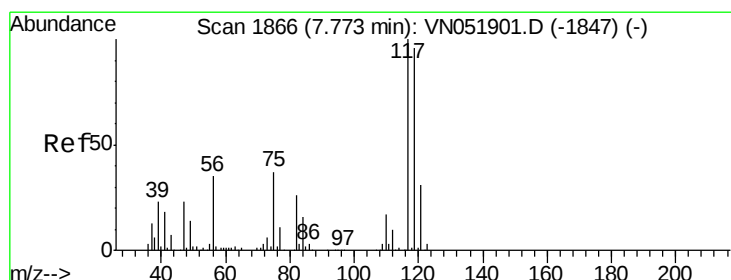
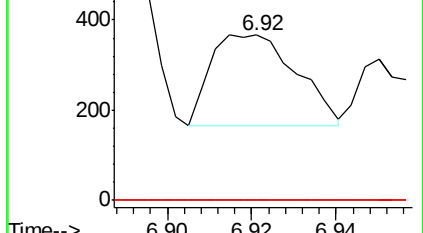
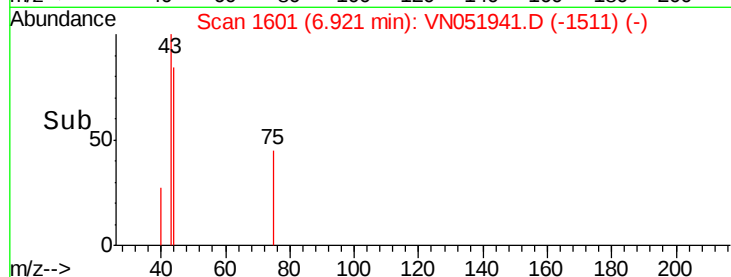


Abundance Ion 43.00 (42.70 to 43.70): VN051941.D (-1592) (-)

Ion 60.90 (60.60 to 61.60): VN051941.D (-1592) (-)

Ion 70.00 (69.70 to 70.70): VN051941.D (-1592) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 6.657 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN051941.D

Acq: 19 Oct 2018 12:13

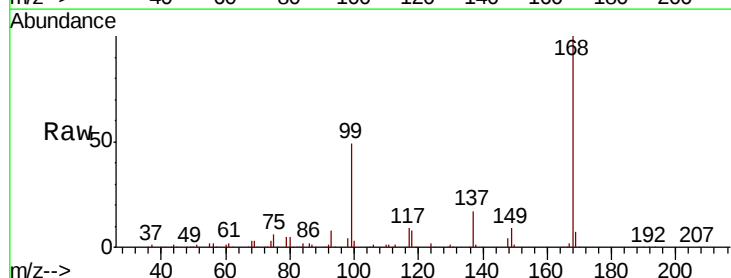
Tgt Ion: 117 Resp: 86329

Ion Ratio Lower Upper

117 100

119 4.9 77.0 115.6#

121 0.0 25.1 37.7#

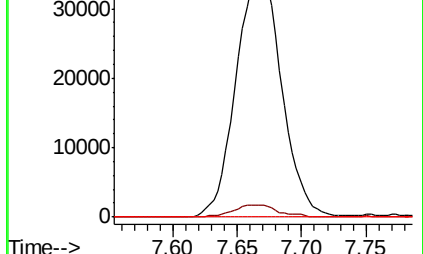
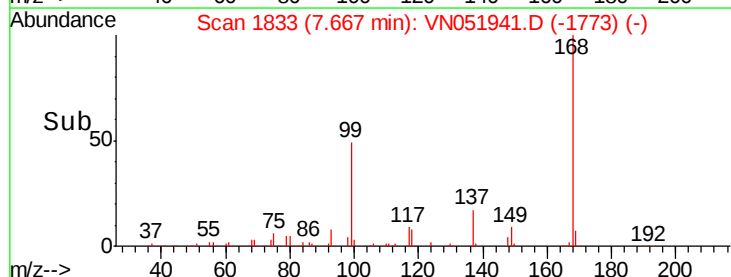


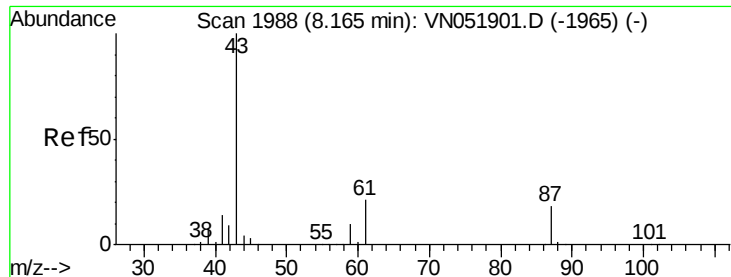
Abundance Ion 116.80 (116.50 to 117.50): VN051941.D (-1773) (-)

Ion 118.80 (118.50 to 119.50): VN051941.D (-1773) (-)

Ion 120.80 (120.50 to 121.50): VN051941.D (-1773) (-)

Time-->





#43

Isopropyl Acetate

Concen: 27.718 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN051941.D

Acq: 19 Oct 2018 12:13

Instrument :

MSVOA_N

ClientSampleId :

PB113937ZHE#02

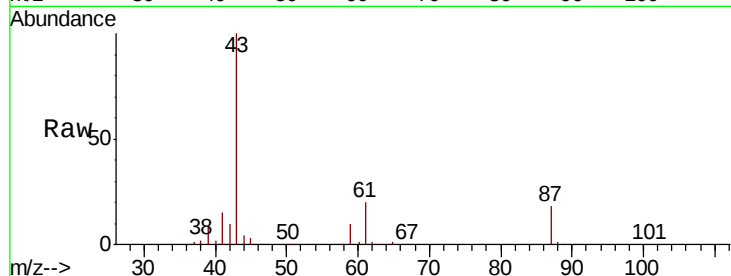
Tot Ion: 43 Resp: 283257

Ion Ratio Lower Upper

43 100

61 21.1 24.9 37.3#

87 17.4 14.6 22.0



Abundance Ion 43.00 (42.70 to 43.70): VN051941.D (-1965) (-)

Ion 61.00 (60.70 to 61.70): VN051941.D (-1965) (-)

Ion 87.00 (86.70 to 87.70): VN051941.D (-1965) (-)

8.17

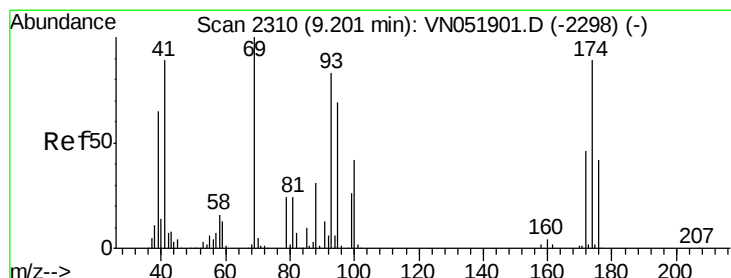
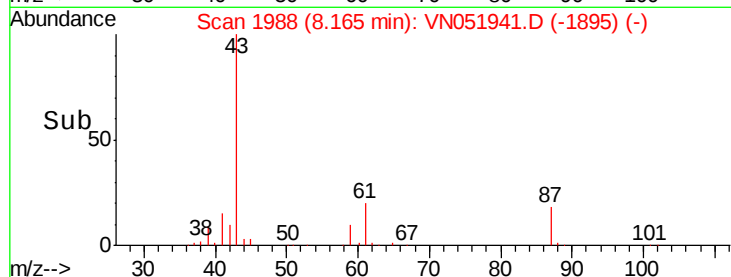
150000

100000

50000

0

Time--> 8.05 8.10 8.15 8.20 8.25



#48

Methyl methacrylate

Concen: 1.388 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.02 min

Lab File: VN051941.D

Acq: 19 Oct 2018 12:13

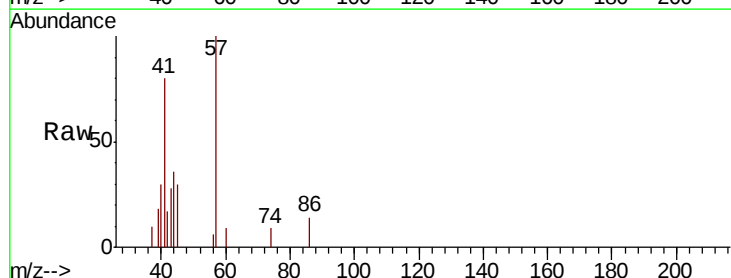
Tgt Ion: 41 Resp: 6172

Ion Ratio Lower Upper

41 100

69 0.0 90.2 135.2#

39 30.8 59.7 89.5#



Abundance Ion 41.00 (40.70 to 41.70): VN051941.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN051941.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN051941.D (-2217) (-)

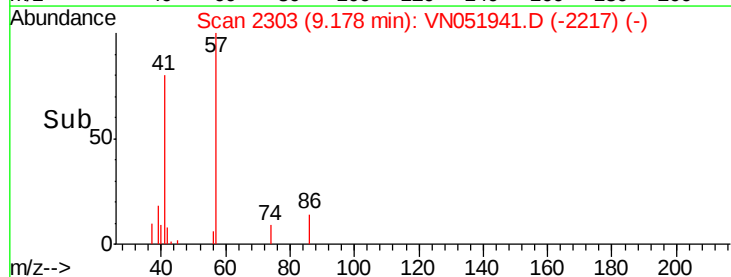
15000

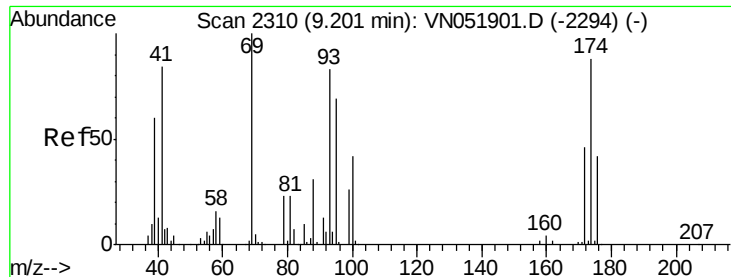
10000

5000

0

Time--> 9.10 9.15 9.20 9.25





#49

1,4-Dioxane

Concen: 0.379 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN051941.D

Acq: 19 Oct 2018 12:13

Instrument :

MSVOA_N

ClientSampleId :

PB113937ZHE#02

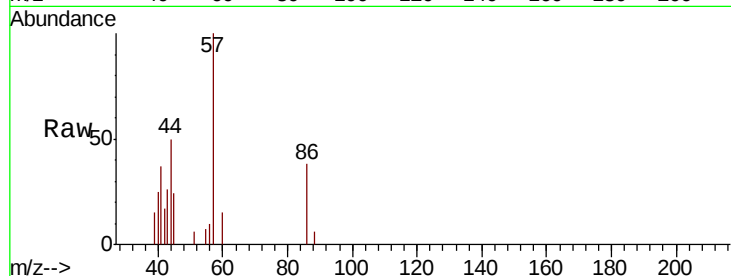
Tot Ion: 88 Resp: 32

Ion Ratio Lower Upper

88 100

43 0.0 19.7 29.5#

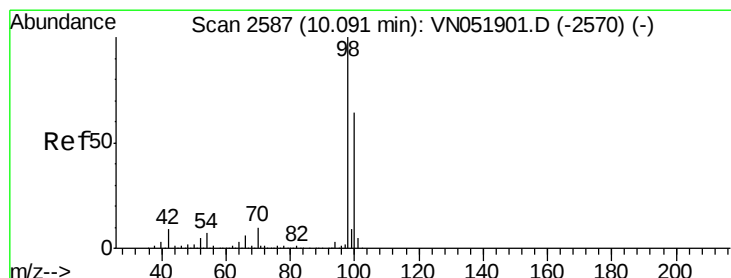
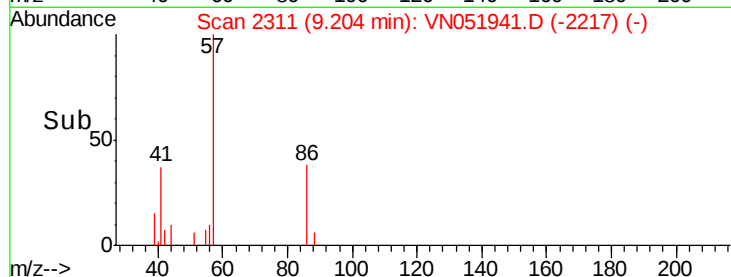
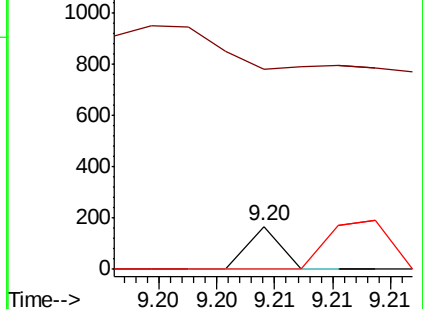
58 218.8 42.6 64.0#



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: 0.379 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051941.D

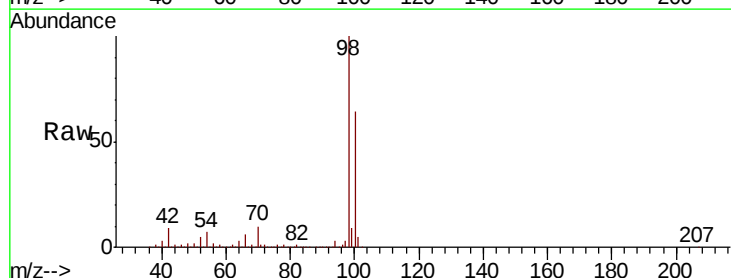
Acq: 19 Oct 2018 12:13

Tgt Ion: 98 Resp: 1942705

Ion Ratio Lower Upper

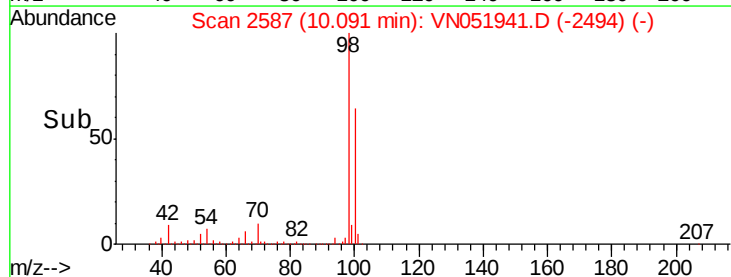
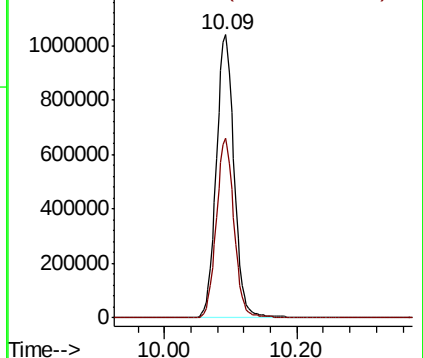
98 100

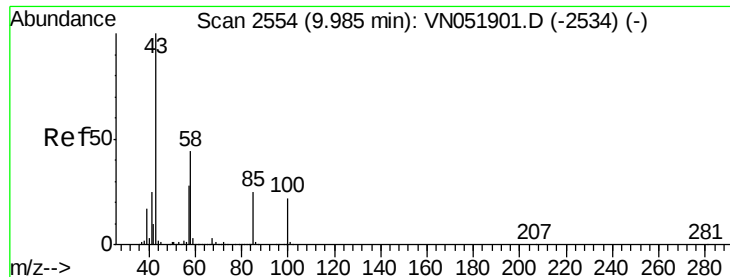
100 63.2 51.0 76.4



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: 0.403 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN051941.D

Acq: 19 Oct 2018 12:13

Instrument :

MSVOA_N

ClientSampleId :

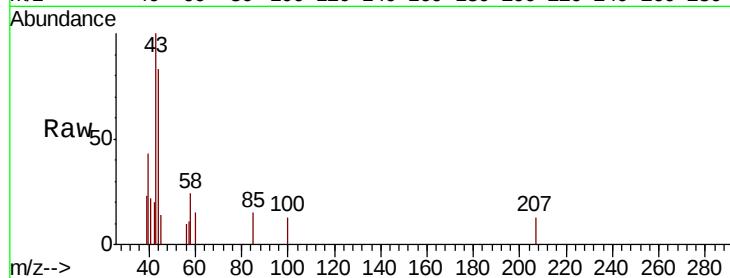
PB113937ZHE#02

Tot Ion: 43 Resp: 2067

Ion Ratio Lower Upper

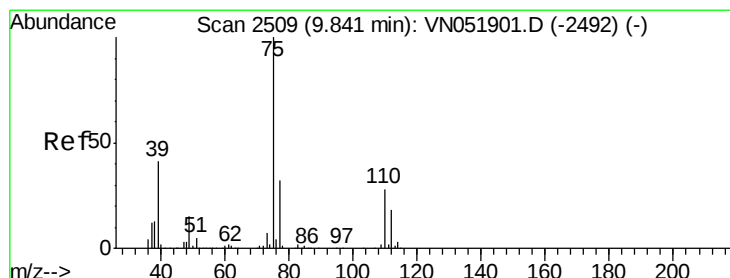
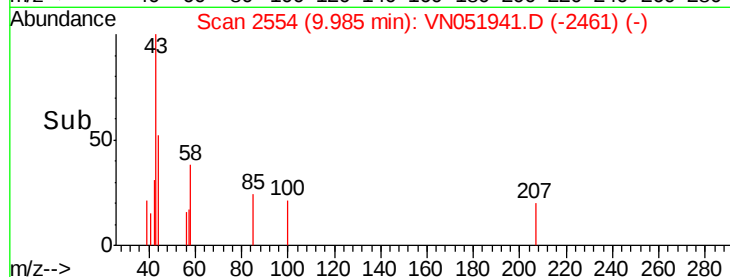
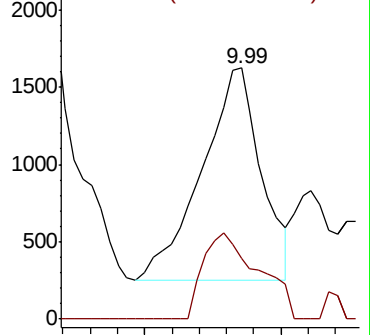
43 100

58 37.7 34.6 52.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 0.210 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN051941.D

Acq: 19 Oct 2018 12:13

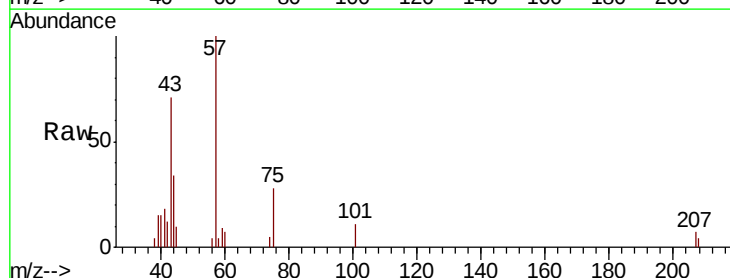
Tgt Ion: 75 Resp: 2526

Ion Ratio Lower Upper

75 100

77 0.0 25.3 37.9#

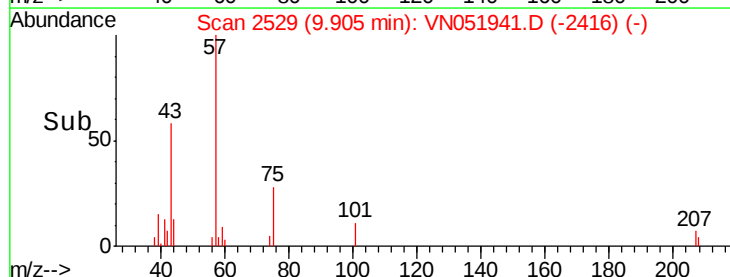
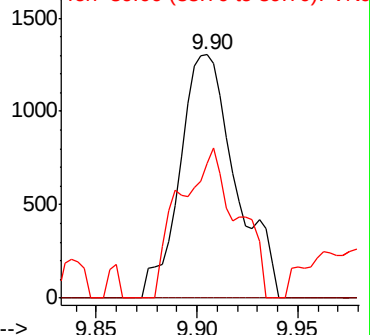
39 55.5 32.8 49.2#

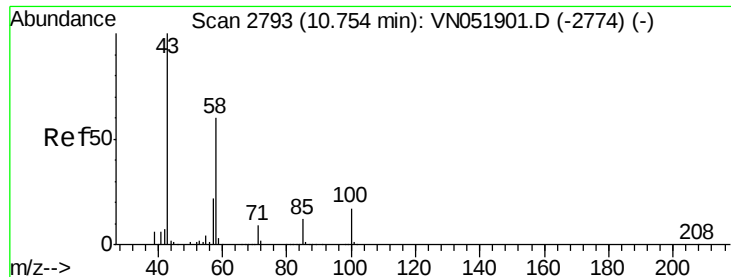


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

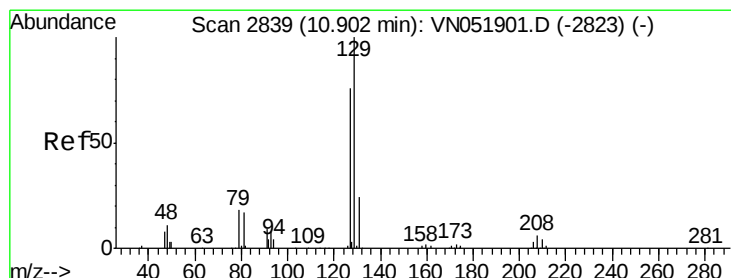
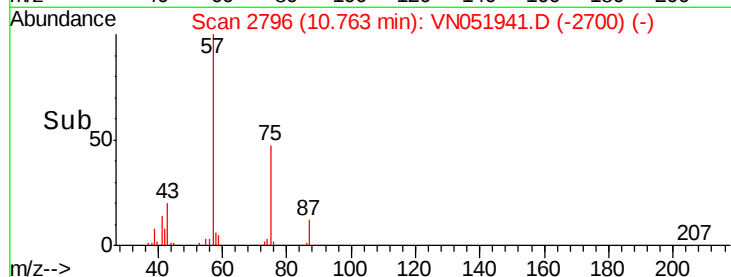
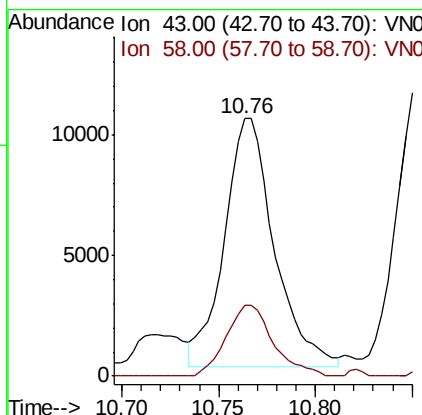
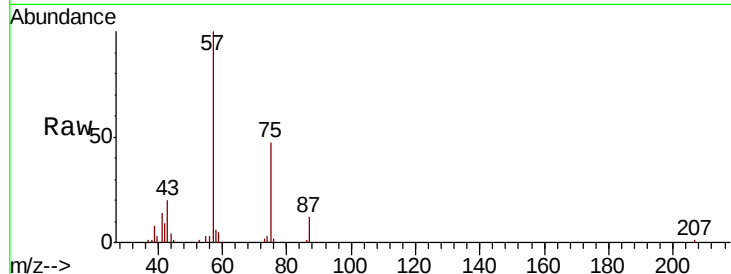




#59
2-Hexanone
Concen: 5.367 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN051941.D
Acq: 19 Oct 2018 12:13

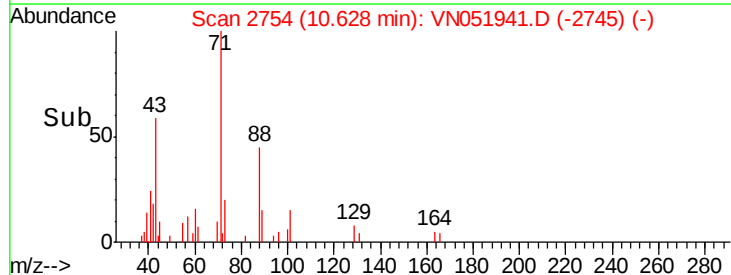
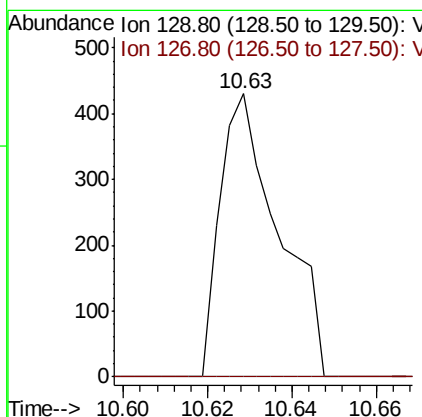
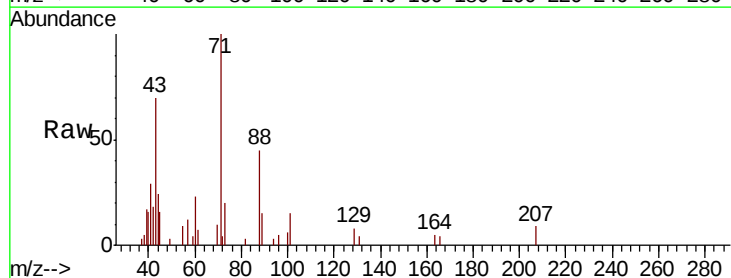
Instrument :
MSVOA_N
ClientSampleId :
PB113937ZHE#02

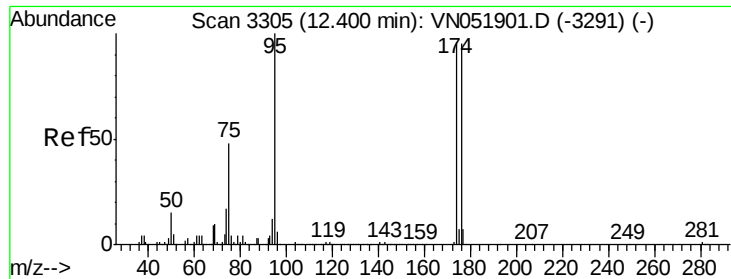
Tot Ion: 43 Resp: 18448
Ion Ratio Lower Upper
43 100
58 27.0 29.8 89.5#



#60
Dibromochloromethane
Concen: 2.088 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.27 min
Lab File: VN051941.D
Acq: 19 Oct 2018 12:13

Tgt Ion: 129 Resp: 416
Ion Ratio Lower Upper
129 100
127 0.0 38.3 114.8#

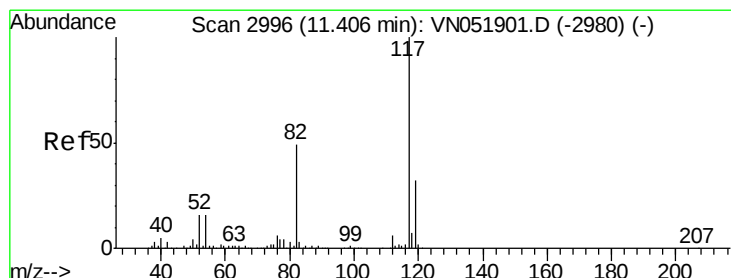
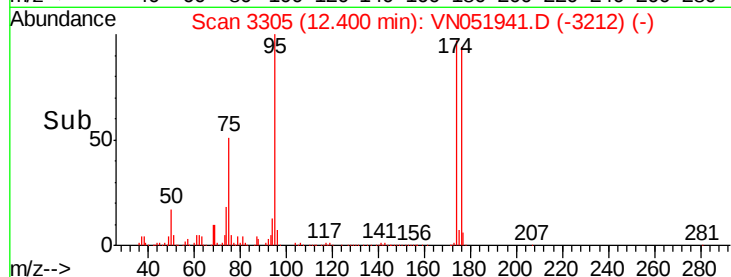
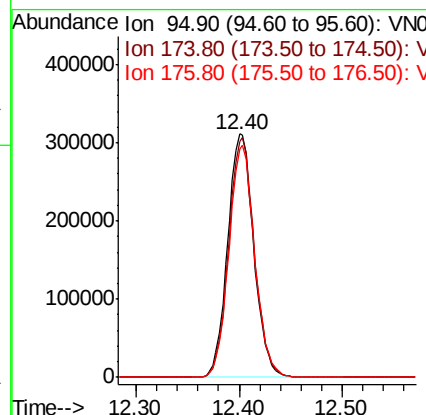
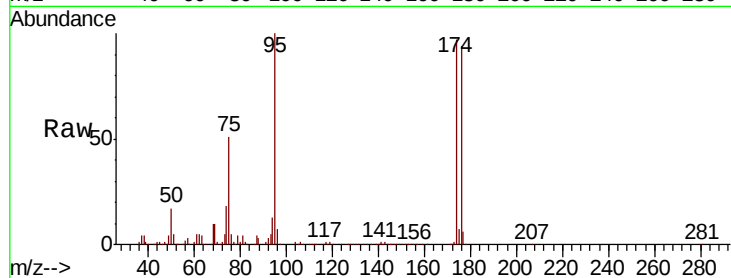




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN051941.D
Acq: 19 Oct 2018 12:13

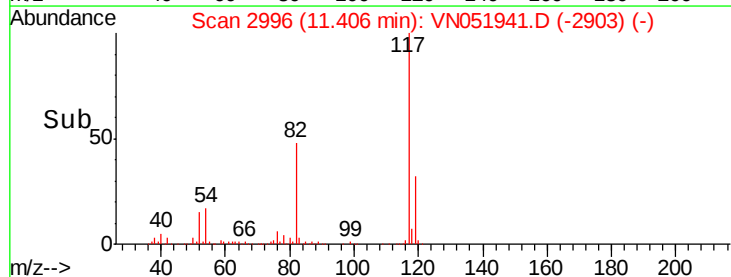
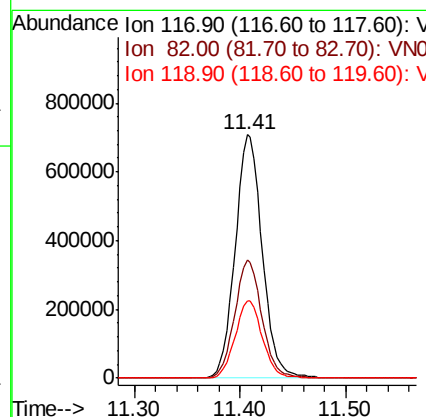
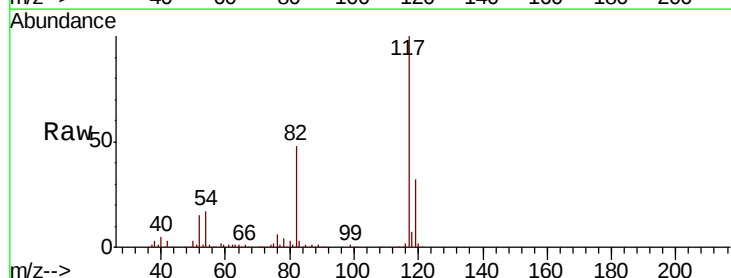
Instrument :
MSVOA_N
ClientSampleId :
PB113937ZHE#02

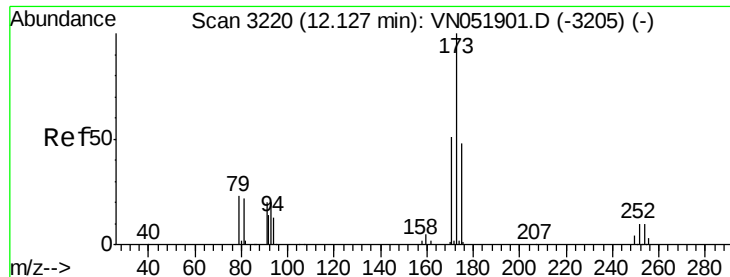
Tot Ion: 95 Resp: 546775
Ion Ratio Lower Upper
95 100
174 97.3 0.0 195.0
176 94.1 0.0 191.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051941.D
Acq: 19 Oct 2018 12:13

Tgt Ion: 117 Resp: 1253457
Ion Ratio Lower Upper
117 100
82 48.3 38.9 58.3
119 31.9 25.9 38.9





#71

Bromoform

Concen: 3.887 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN051941.D

Acq: 19 Oct 2018 12:13

Instrument :

MSVOA_N

ClientSampleId :

PB113937ZHE#02

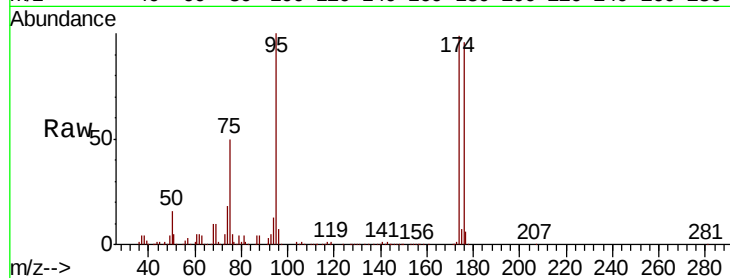
Tot Ion:173 Resp: 4899

Ion Ratio Lower Upper

173 100

175 696.9 24.0 72.0#

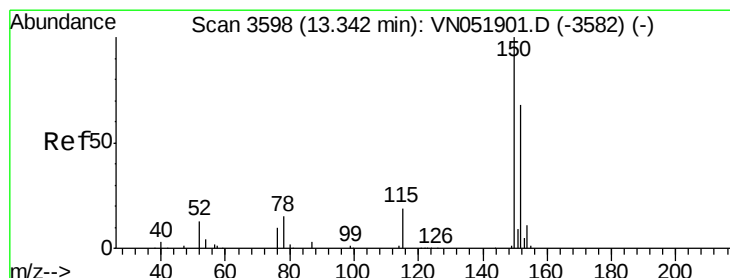
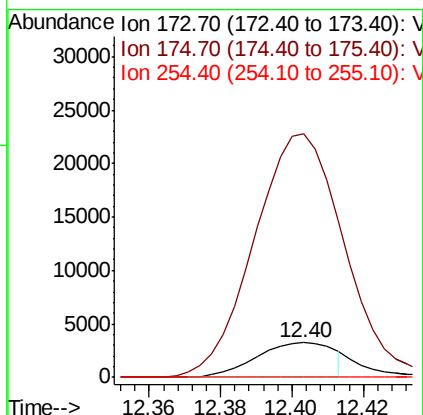
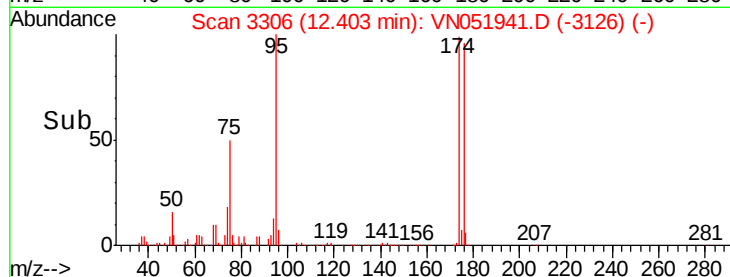
254 0.0 0.2 0.2#



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: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051941.D

Acq: 19 Oct 2018 12:13

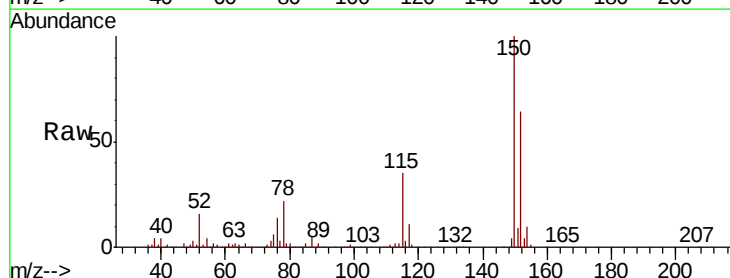
Tgt Ion:152 Resp: 437366

Ion Ratio Lower Upper

152 100

115 54.6 26.7 80.1

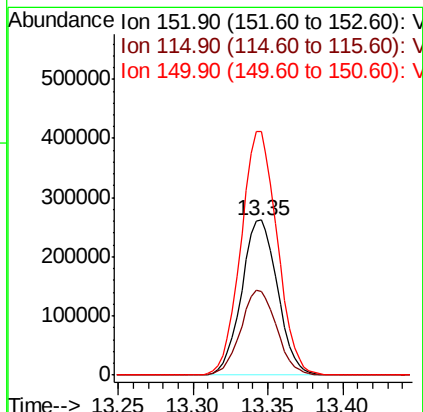
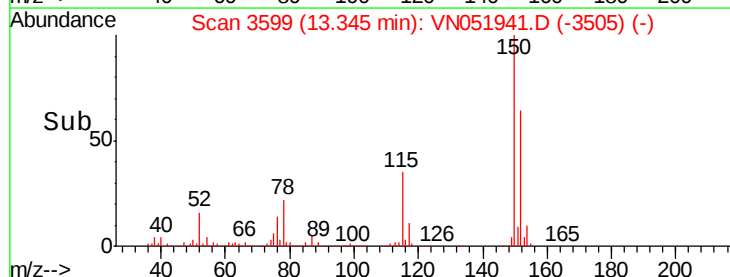
150 158.6 0.0 346.4

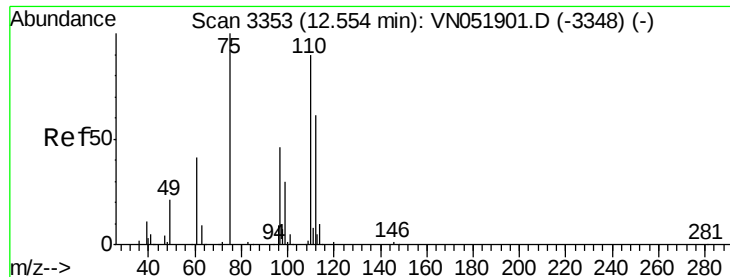


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 52.094 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN051941.D

Acq: 19 Oct 2018 12:13

Instrument :

MSVOA_N

ClientSampleId :

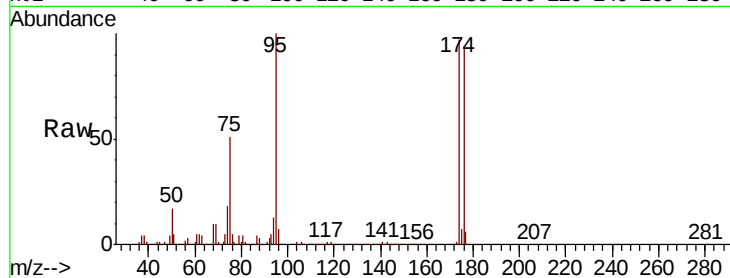
PB113937ZHE#02

Tot Ion: 75 Resp: 276928

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.40

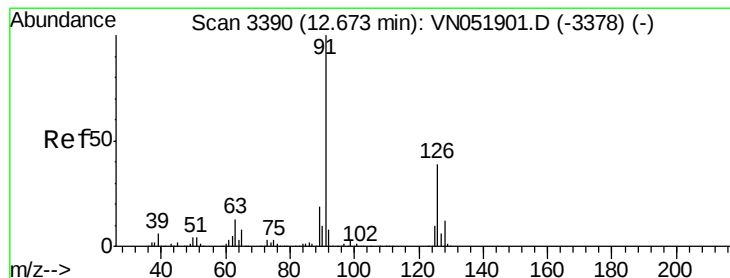
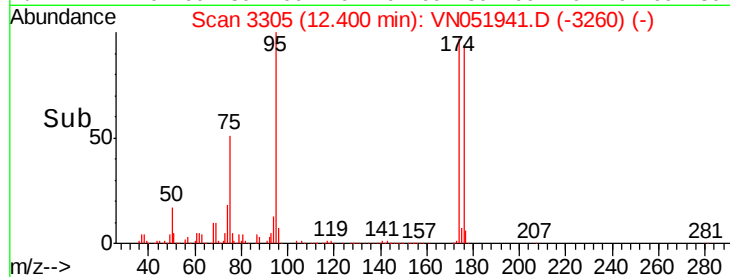
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.77 min Scan# 3421

Delta R.T. 0.10 min

Lab File: VN051941.D

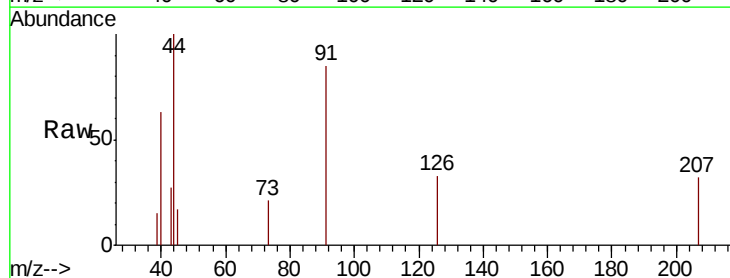
Acq: 19 Oct 2018 12:13

Tgt Ion: 91 Resp: 1346

Ion Ratio Lower Upper

91 100

126 31.1 19.6 58.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

12.77

1000

800

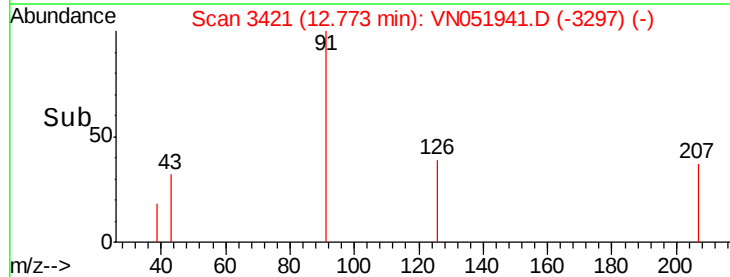
600

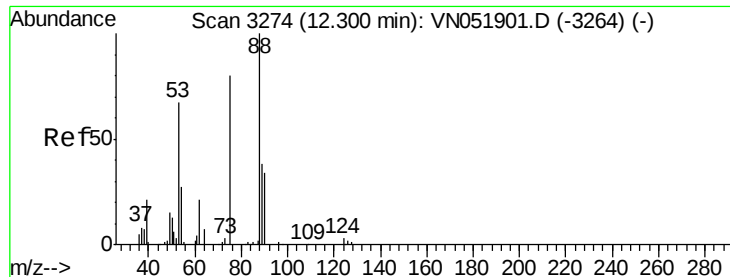
400

200

0

Time--> 12.75 12.80





#81

trans-1,4-Dichloro-2-butene

Concen: 171.185 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN051941.D

Acq: 19 Oct 2018 12:13

Instrument :

MSVOA_N

ClientSampleId :

PB113937ZHE#02

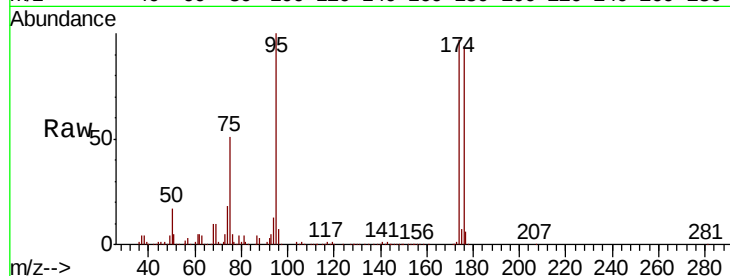
Tot Ion: 75 Resp: 276928

Ion Ratio Lower Upper

75 100

53 0.0 68.5 102.7#

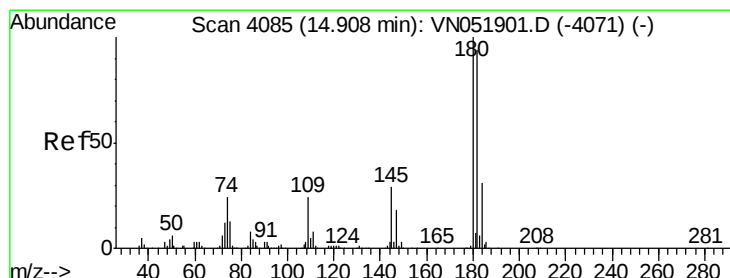
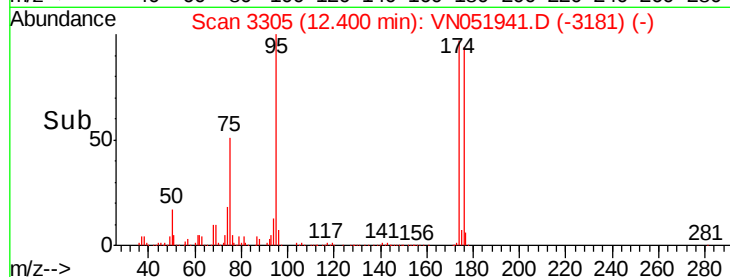
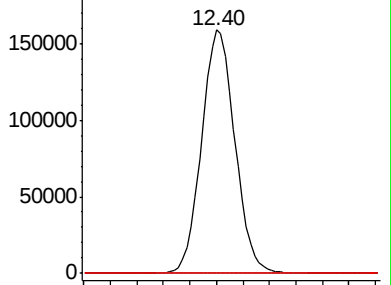
89 0.0 39.0 58.6#



Abundance Ion 74.90 (74.60 to 75.60): VN051941.D (-3305) (-)

Ion 53.00 (52.70 to 53.70): VN051941.D (-3305) (-)

Ion 88.90 (88.60 to 89.60): VN051941.D (-3305) (-)



#93

1,2,4-Trichlorobenzene

Concen: 4.220 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.01 min

Lab File: VN051941.D

Acq: 19 Oct 2018 12:13

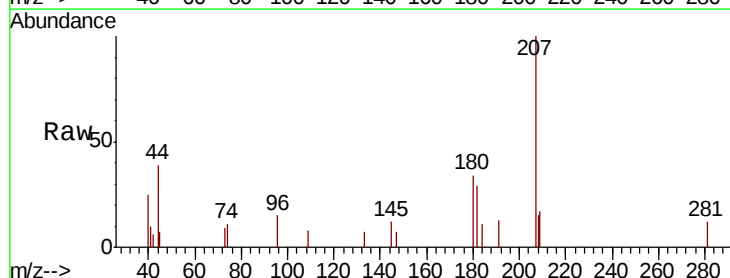
Tgt Ion:180 Resp: 1225

Ion Ratio Lower Upper

180 100

182 94.3 47.3 141.9

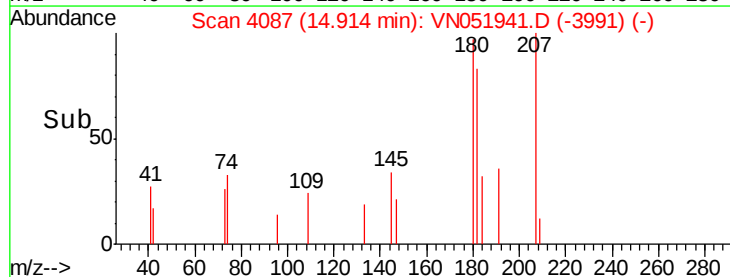
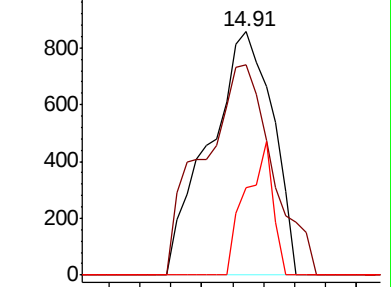
145 23.6 14.5 43.5

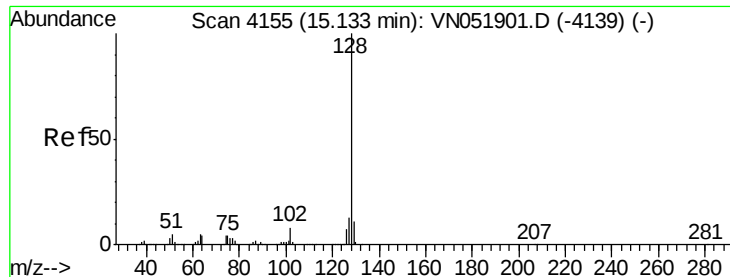


Abundance Ion 179.80 (179.50 to 180.50): VN051941.D (-4087) (-)

Ion 181.80 (181.50 to 182.50): VN051941.D (-4087) (-)

Ion 144.80 (144.50 to 145.50): VN051941.D (-4087) (-)





#95

Naphthalene

Concen: 4.261 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051941.D

Acq: 19 Oct 2018 12:13

Instrument :

MSVOA_N

ClientSampleId :

PB113937ZHE#02

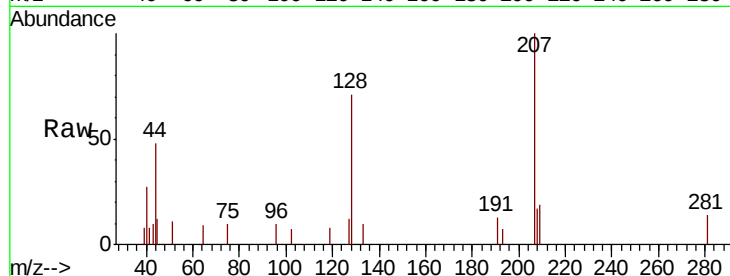
Tot Ion:128 Resp: 3121

Ion Ratio Lower Upper

128 100

127 11.0 10.2 15.2

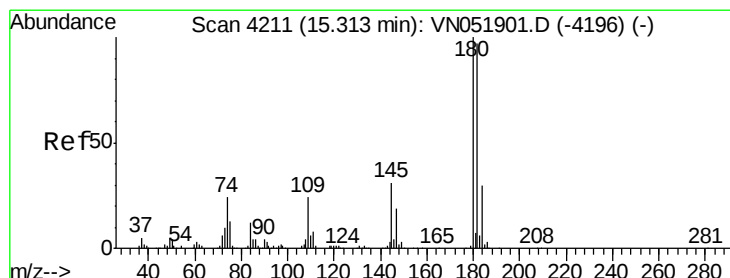
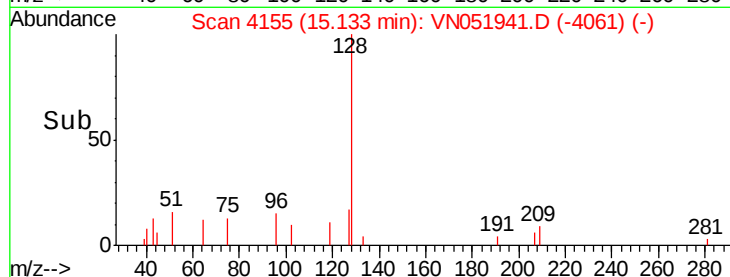
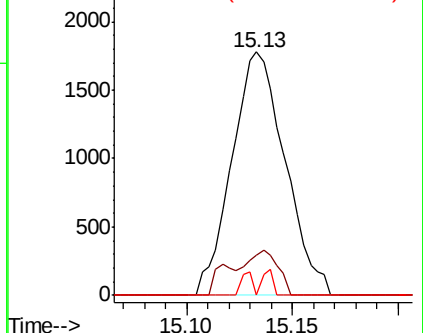
129 2.1 8.5 12.7#



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: 3.076 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN051941.D

Acq: 19 Oct 2018 12:13

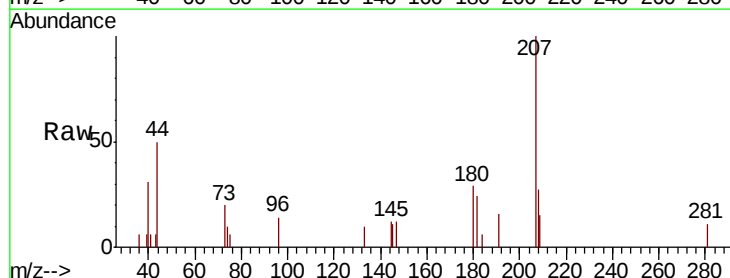
Tgt Ion:180 Resp: 1178

Ion Ratio Lower Upper

180 100

182 71.1 47.9 143.8

145 30.1 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

