

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030219\
 Data File : VN054037.D
 Acq On : 1 Mar 2019 18:48
 Operator : JC/SP
 Sample : PB117500TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB117500TB

Quant Time: Mar 02 04:46:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 04:05:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	615578	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1097841	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1061990	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	369830	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	387088	53.64	ug/l	0.00
Spiked Amount			Recovery	=	107.28%	
35) Dibromofluoromethane	7.59	113	351652	49.53	ug/l	0.00
Spiked Amount			Recovery	=	99.06%	
50) Toluene-d8	10.09	98	1402638	53.07	ug/l	0.00
Spiked Amount			Recovery	=	106.14%	
62) 4-Bromofluorobenzene	12.40	95	460705	52.32	ug/l	0.00
Spiked Amount			Recovery	=	104.64%	

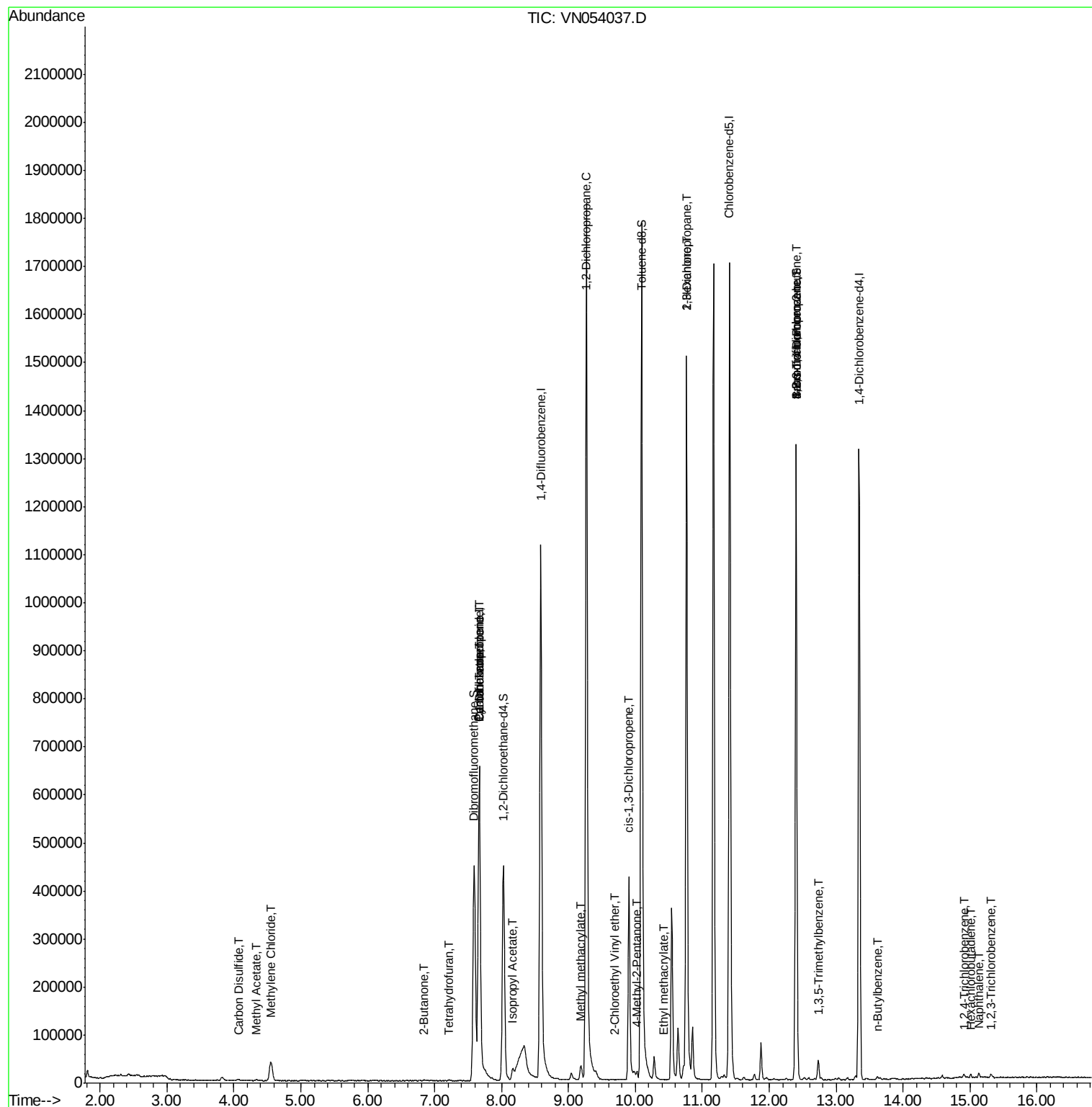
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	12291	Below Cal		94
17) Carbon Disulfide	4.06	76	5085	0.259	ug/l #	74
18) Methyl Acetate	4.34	43	3620	0.717	ug/l #	72
20) Methylene Chloride	4.55	84	29725	4.162	ug/l	88
25) 2-Butanone	6.84	43	1334	0.471	ug/l	91
29) Tetrahydrofuran	7.22	42	1889	1.001	ug/l #	53
31) Cyclohexane	7.66	56	11227	0.568	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	42454	4.158	ug/l #	46
38) Carbon Tetrachloride	7.67	117	52514	4.946	ug/l #	17
43) Isopropyl Acetate	8.17	43	33831	2.749	ug/l #	93
45) 1,2-Dichloropropene	9.27	63	2171	0.257	ug/l #	44
48) Methyl methacrylate	9.18	41	12524	2.212	ug/l #	12
51) 4-Methyl-2-Pentanone	10.02	43	11491	1.817	ug/l #	34
54) cis-1,3-Dichloropropene	9.90	75	80384	6.769	ug/l #	70
56) Ethyl methacrylate	10.43	69	107	1.966	ug/l #	29
57) 1,3-Dichloropropane	10.76	76	15999	1.373	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.70	63	29	13.626	ug/l #	47
59) 2-Hexanone	10.76	43	237549	57.747	ug/l #	48
71) Bromoform	12.40	173	3419	0.608	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	222894	37.570	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	21830	0.926	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	222894	118.745	ug/l #	15
89) n-Butylbenzene	13.61	91	4325	0.213	ug/l	90
93) 1,2,4-Trichlorobenzene	14.91	180	2539	2.580	ug/l	95
94) Hexachlorobutadiene	15.01	225	1254	0.284	ug/l	83
95) Naphthalene	15.13	128	8282	3.741	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.31	180	2922	1.992	ug/l	95

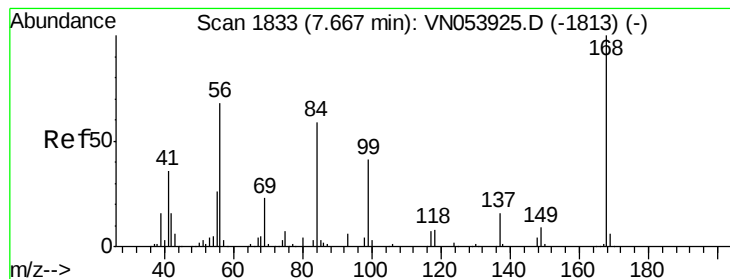
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054037.D

Acq: 1 Mar 2019 18:48

Instrument :

MSVOA_N

ClientSampled :

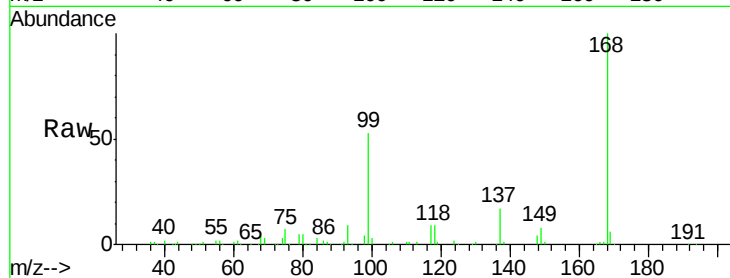
PB117500TB

Tot Ion:168 Resp: 615578

Ion Ratio Lower Upper

168 100

99 53.4 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): VN054037.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN054037.D (-1740) (-)

7.67

250000

200000

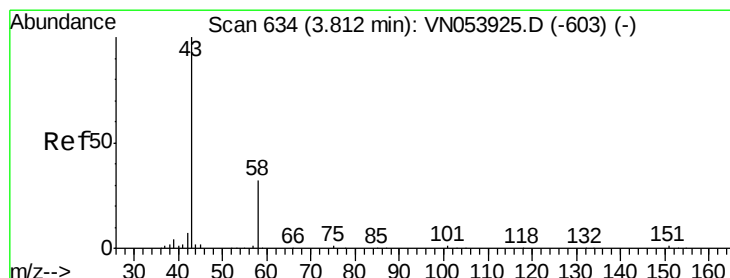
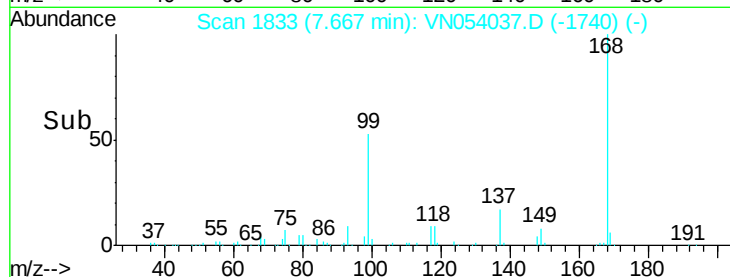
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: Below Cal

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN054037.D

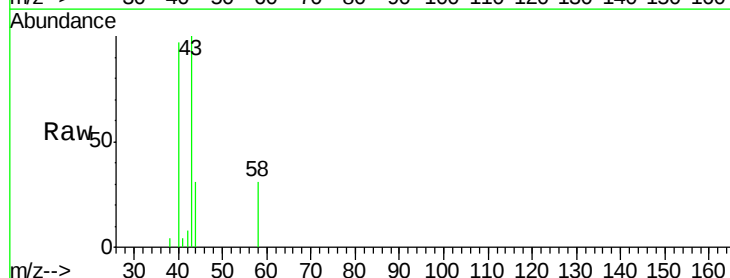
Acq: 1 Mar 2019 18:48

Tgt Ion: 43 Resp: 12291

Ion Ratio Lower Upper

43 100

58 31.1 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VN054037.D (-540) (-)

Ion 58.00 (57.70 to 58.70): VN054037.D (-540) (-)

3.82

5000

4000

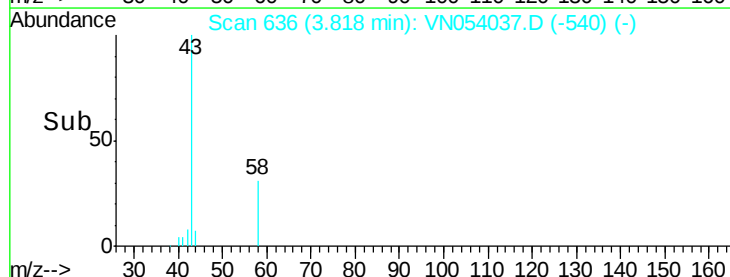
3000

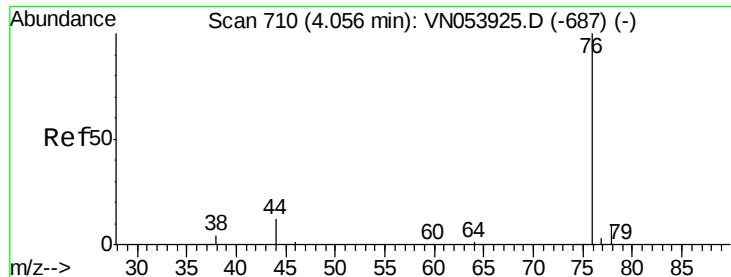
2000

1000

0

Time--> 3.75 3.80 3.85 3.90





#17

Carbon Disulfide

Concen: 0.259 ug/l

RT: 4.06 min Scan# 710

Delta R.T. 0.00 min

Lab File: VN054037.D

Acq: 1 Mar 2019 18:48

Instrument :

MSVOA_N

ClientSampleId :

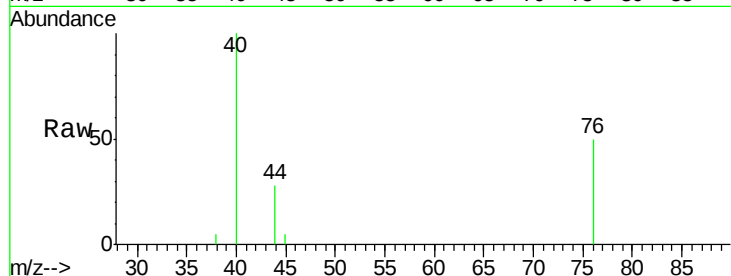
PB117500TB

Tot Ion: 76 Resp: 5085

Ion Ratio Lower Upper

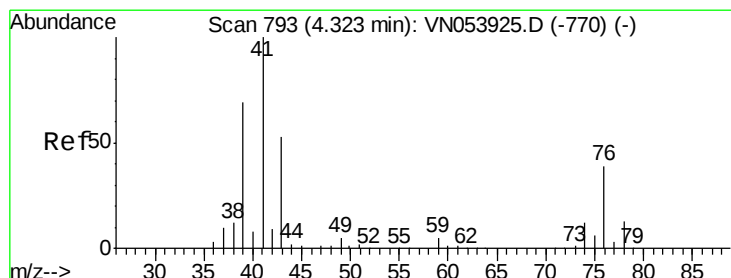
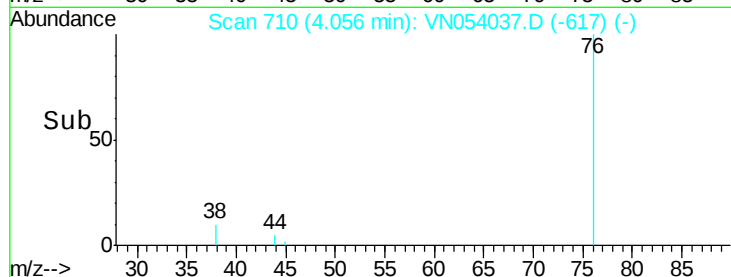
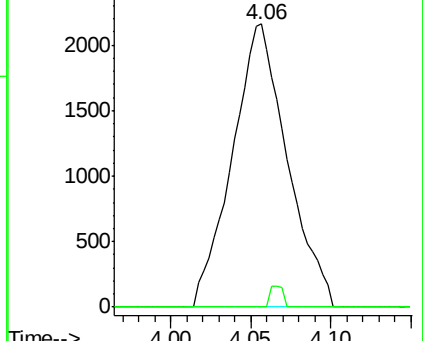
76 100

78 0.0 7.5 11.3#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 0.717 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN054037.D

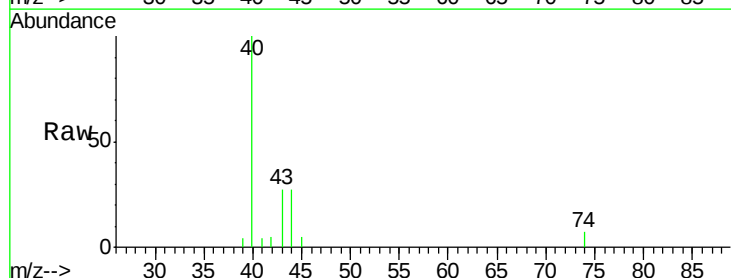
Acq: 1 Mar 2019 18:48

Tgt Ion: 43 Resp: 3620

Ion Ratio Lower Upper

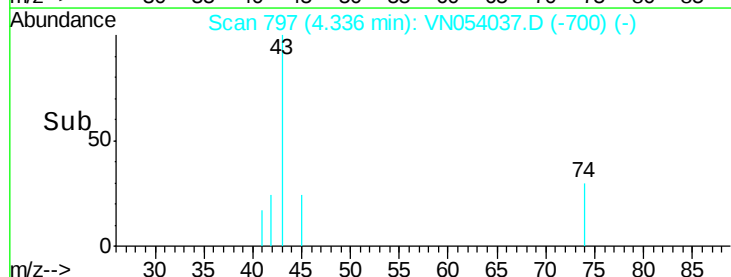
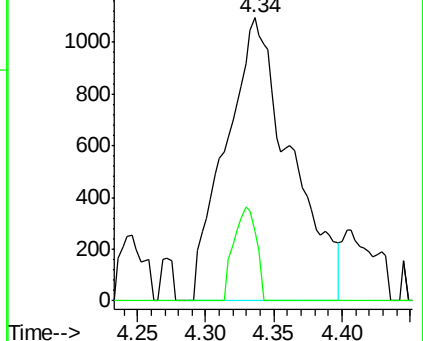
43 100

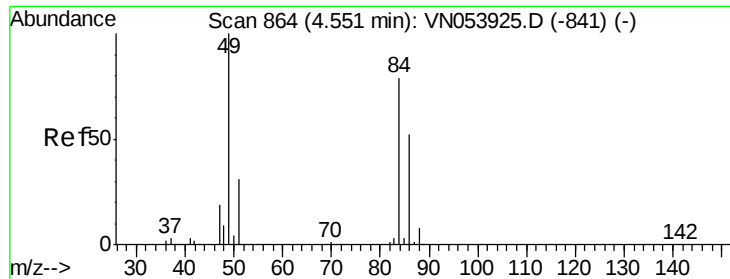
74 11.5 20.5 30.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

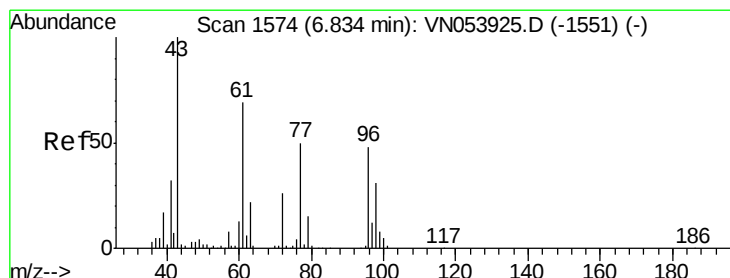
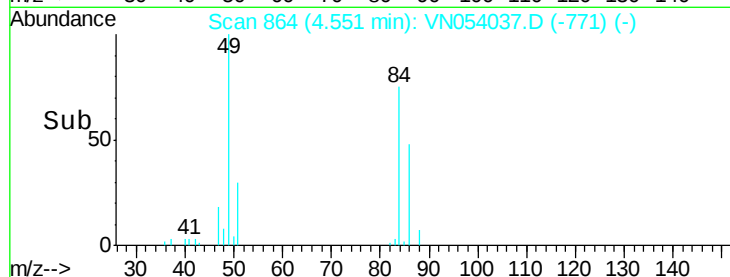
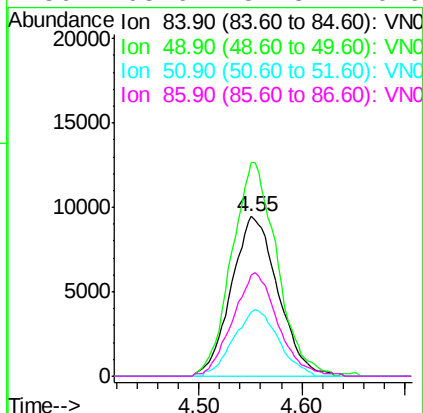
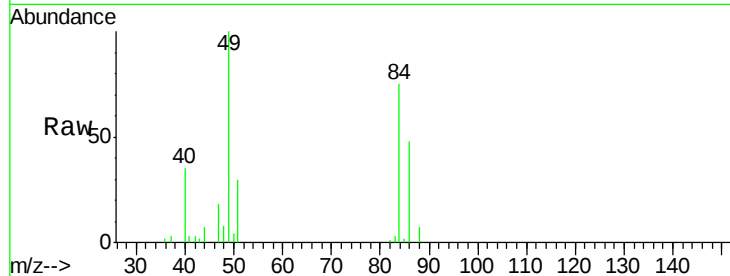




#20
Methvlene Chloride
Concen: 4.162 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN054037.D
Acq: 1 Mar 2019 18:48

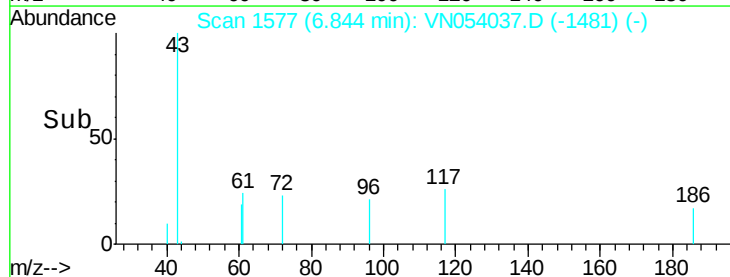
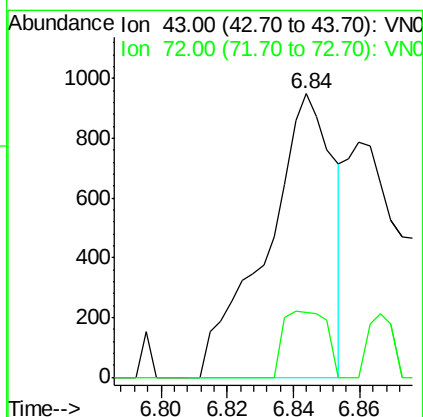
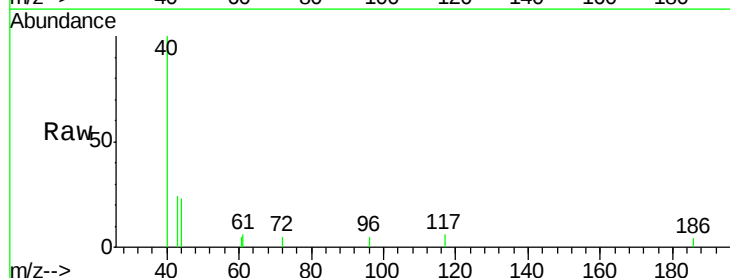
Instrument :
MSVOA_N
ClientSampled :
PB117500TB

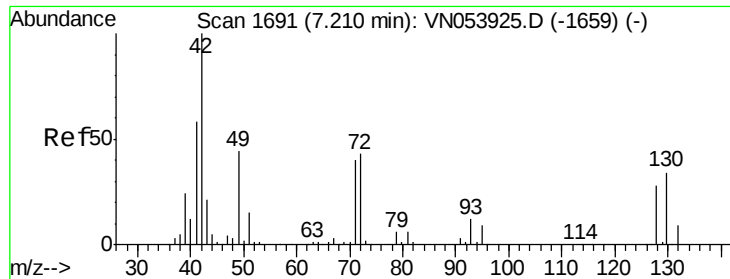
Tot Ion: 84 Resp: 29725
Ion Ratio Lower Upper
84 100
49 133.4 89.7 134.5
51 40.4 27.8 41.8
86 63.6 51.3 76.9



#25
2-Butanone
Concen: 0.471 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VN054037.D
Acq: 1 Mar 2019 18:48

Tgt Ion: 43 Resp: 1334
Ion Ratio Lower Upper
43 100
72 22.8 22.1 33.1





#29

Tetrahydrofuran

Concen: 1.001 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VN054037.D

Acq: 1 Mar 2019 18:48

Instrument :

MSVOA_N

ClientSampleId :

PB117500TB

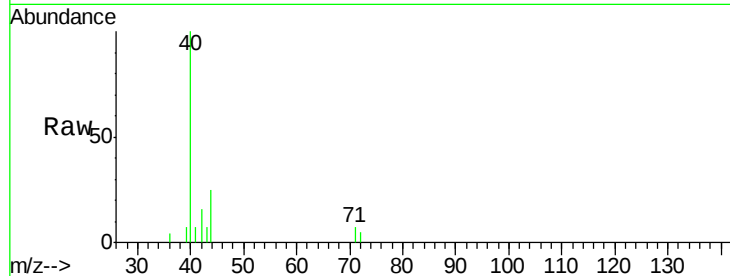
Tot Ion: 42 Resp: 1889

Ion Ratio Lower Upper

42 100

72 21.2 36.9 55.3#

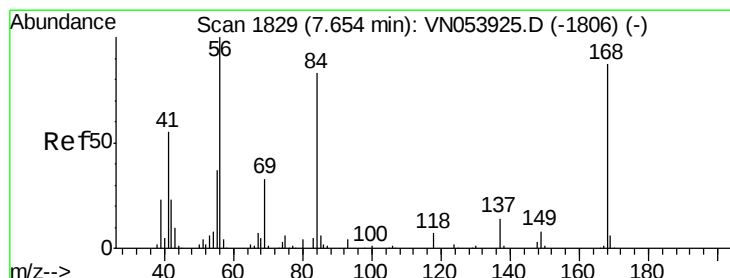
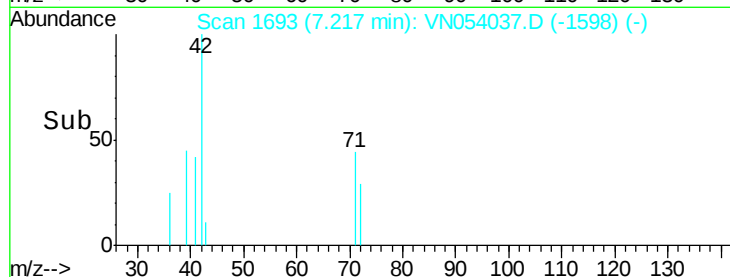
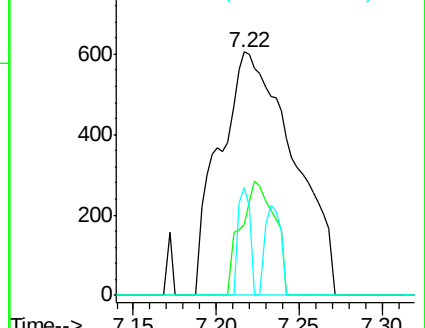
71 7.4 34.6 52.0#



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: 0.568 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN054037.D

Acq: 1 Mar 2019 18:48

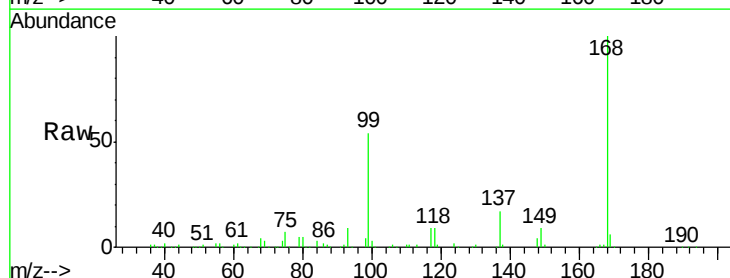
Tgt Ion: 56 Resp: 11227

Ion Ratio Lower Upper

56 100

69 169.1 26.0 39.0#

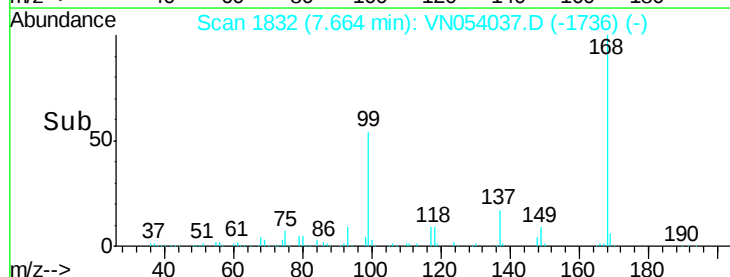
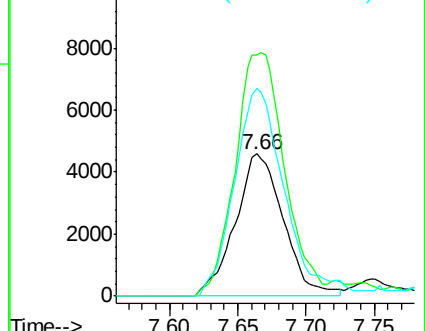
84 145.9 69.1 103.7#

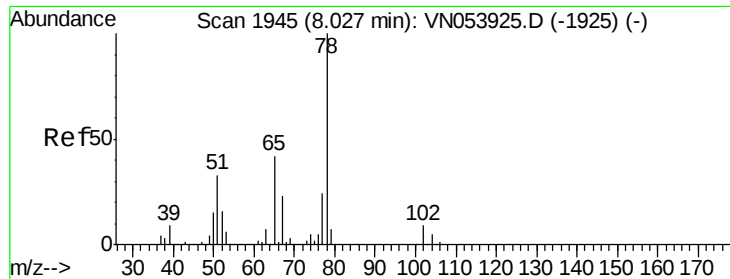


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0





#33

1,2-Dichloroethane-d4

Concen: 53.643 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054037.D

Acq: 1 Mar 2019 18:48

Instrument :

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ClientSampleId :

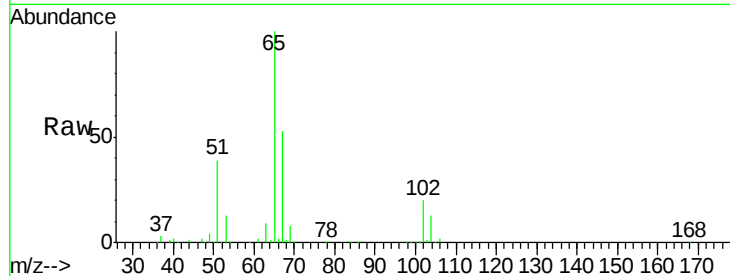
PB117500TB

Tot Ion: 65 Resp: 387088

Ion Ratio Lower Upper

65 100

67 53.9 0.0 111.8



Abundance Ion 64.90 (64.60 to 65.60): VN054037.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN054037.D (-1852) (-)

8.03

150000

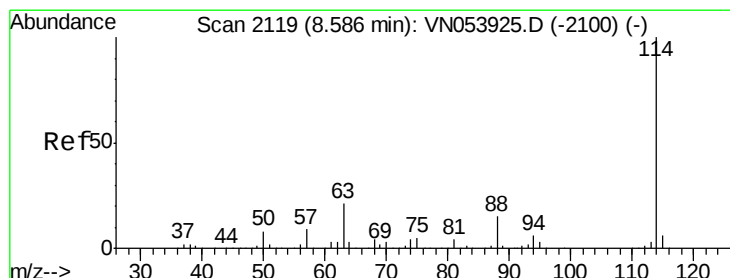
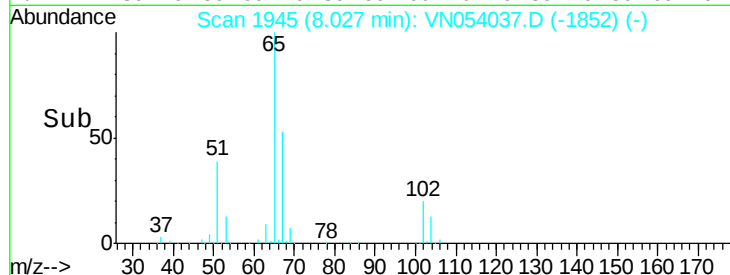
100000

50000

0

7.90 8.00 8.10 8.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054037.D

Acq: 1 Mar 2019 18:48

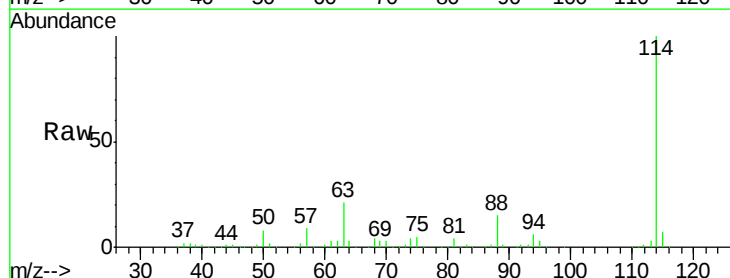
Tgt Ion: 114 Resp: 1097841

Ion Ratio Lower Upper

114 100

63 20.9 0.0 37.4

88 15.3 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): VN054037.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN054037.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN054037.D (-2026) (-)

8.59

600000

500000

400000

300000

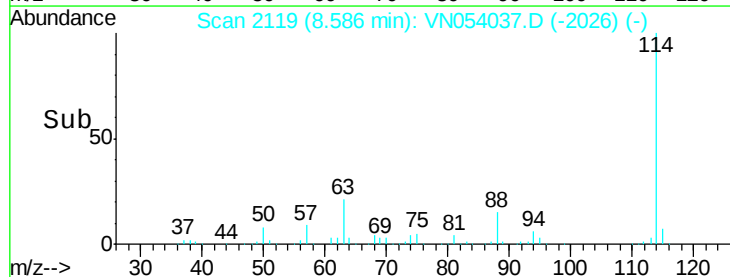
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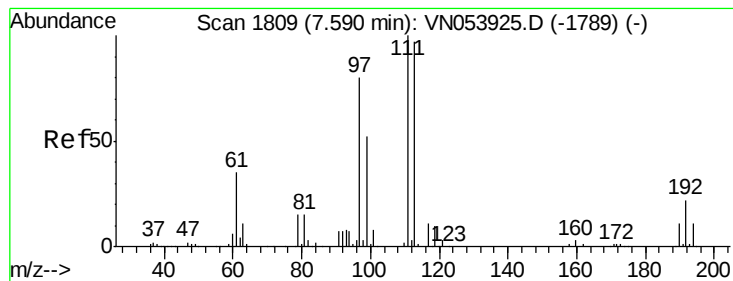
100000

0

8.50 8.60 8.70 8.80

Time-->





#35

Dibromofluoromethane

Concen: 49.534 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054037.D

Acq: 1 Mar 2019 18:48

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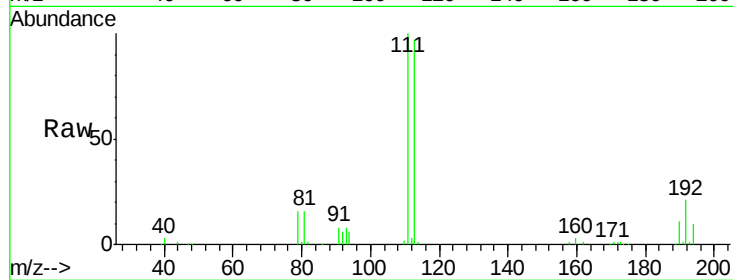
Tot Ion:113 Resp: 351652

Ion Ratio Lower Upper

113 100

111 103.8 81.1 121.7

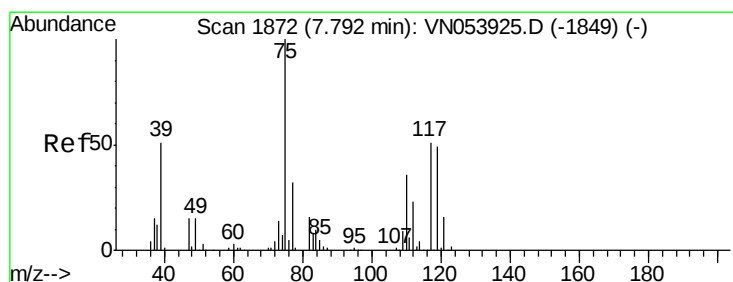
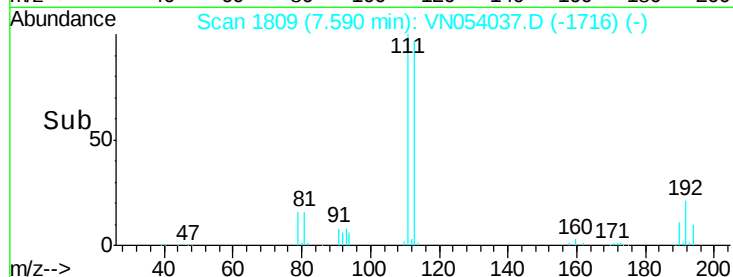
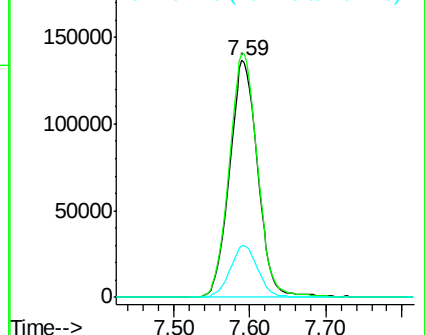
192 21.5 18.8 28.2



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: 4.158 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN054037.D

Acq: 1 Mar 2019 18:48

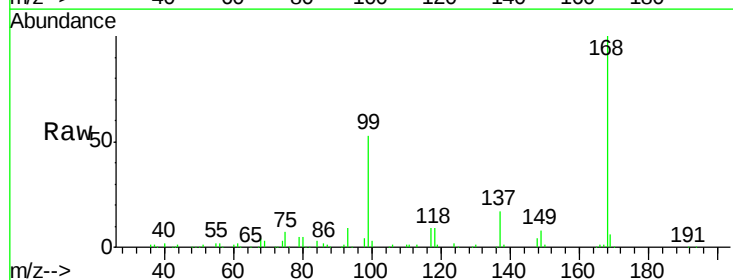
Tgt Ion: 75 Resp: 42454

Ion Ratio Lower Upper

75 100

110 7.3 19.0 57.0#

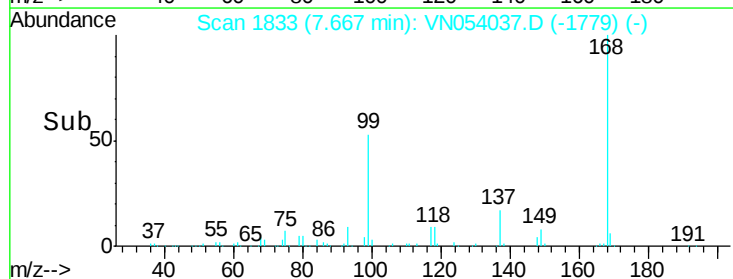
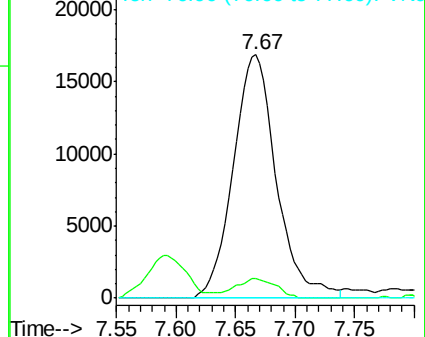
77 0.0 25.4 38.0#

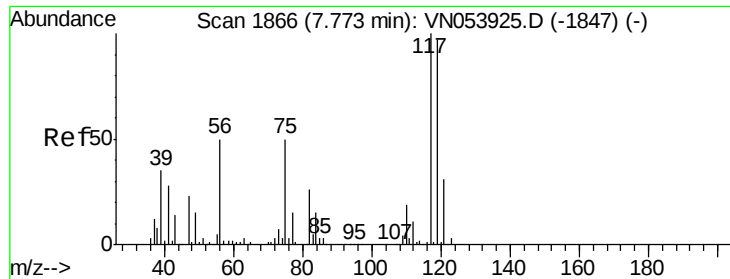


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 4.946 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN054037.D

Acq: 1 Mar 2019 18:48

Instrument :

MSVOA_N

ClientSampleId :

PB117500TB

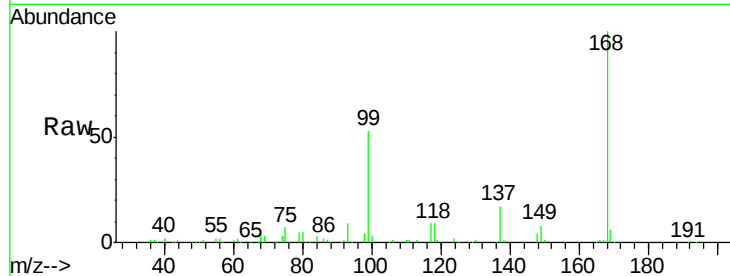
Tot Ion:117 Resp: 52514

Ion Ratio Lower Upper

117 100

119 5.4 76.2 114.2#

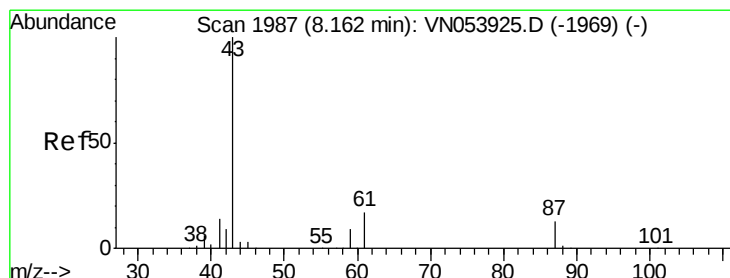
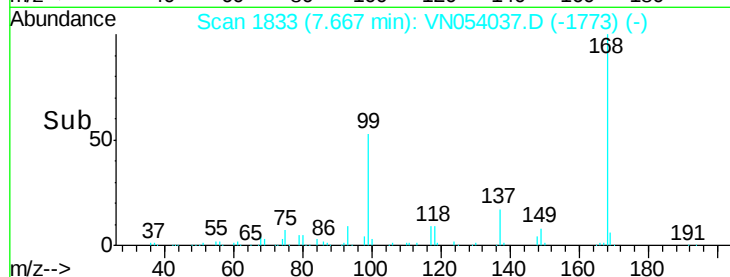
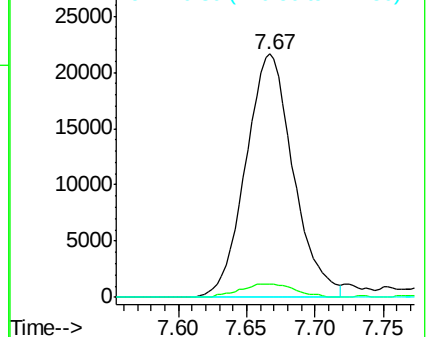
121 0.0 24.6 36.8#



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: 2.749 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN054037.D

Acq: 1 Mar 2019 18:48

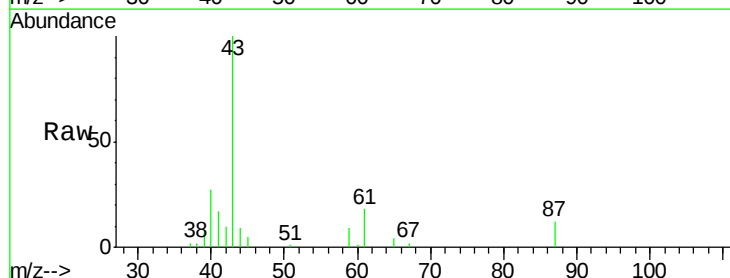
Tgt Ion: 43 Resp: 33831

Ion Ratio Lower Upper

43 100

61 18.9 17.4 26.0

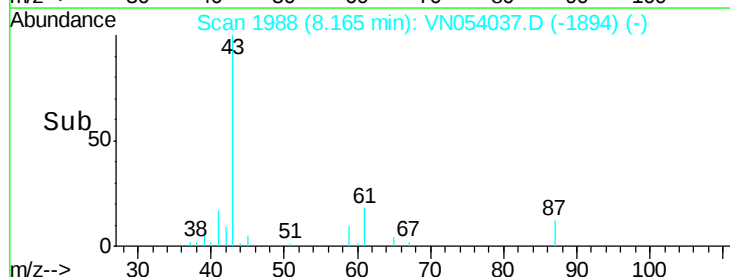
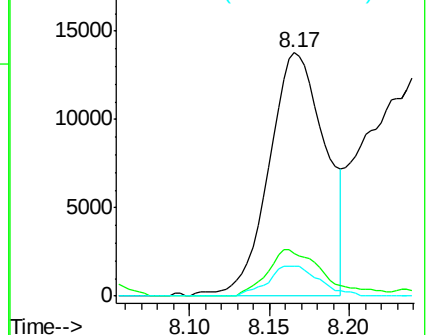
87 11.1 11.5 17.3#

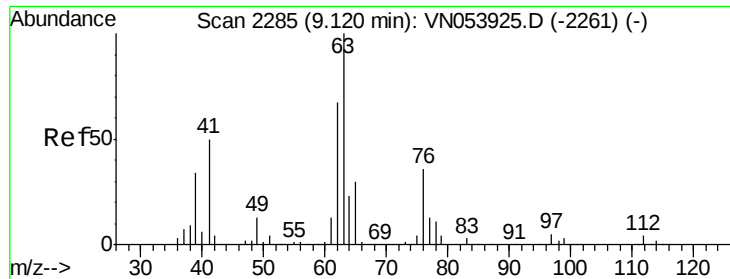


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V

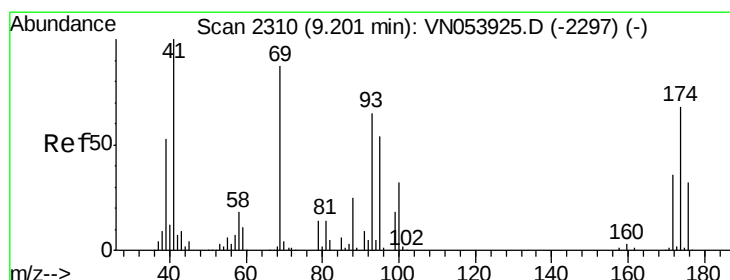
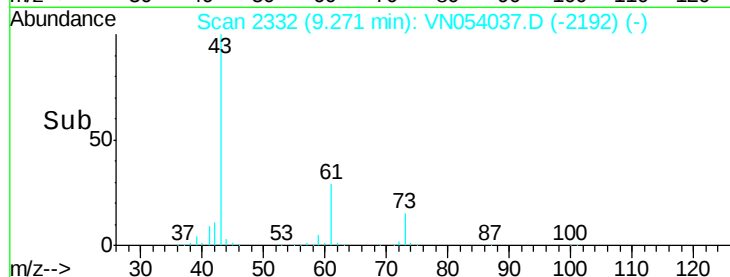
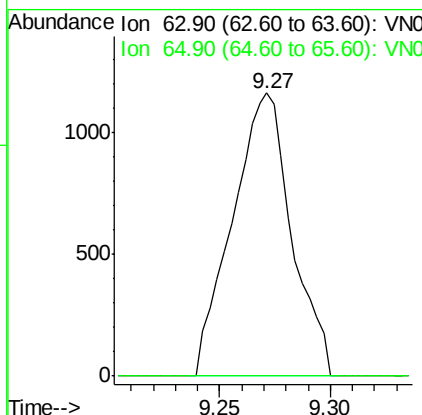
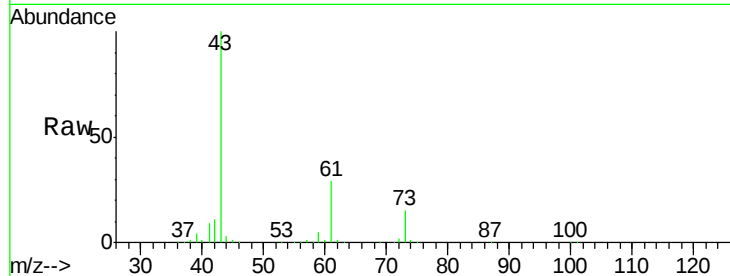




#45
 1,2-Dichloropropane
 Concen: 0.257 ug/l
 RT: 9.27 min Scan# 2332
 Delta R.T. 0.15 min
 Lab File: VN054037.D
 Acq: 1 Mar 2019 18:48

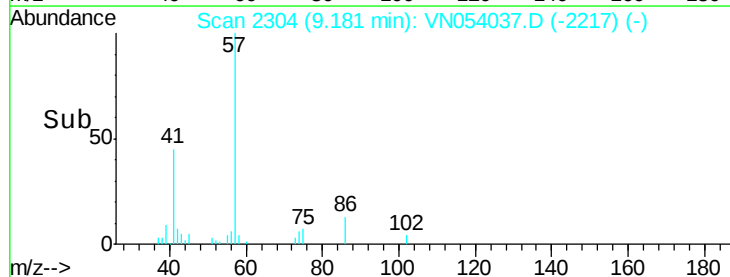
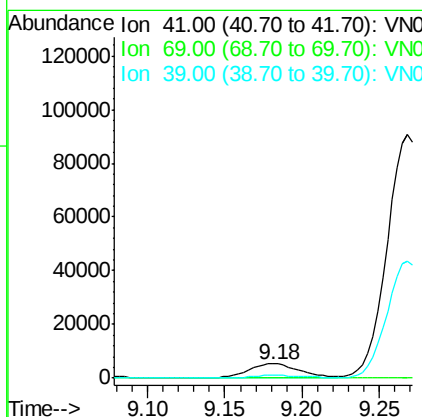
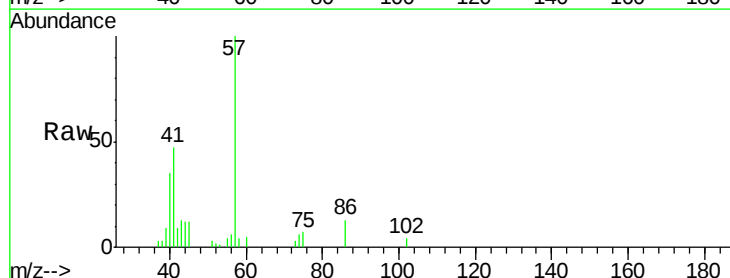
Instrument :
 MSVOA_N
 ClientSampled :
 PB117500TB

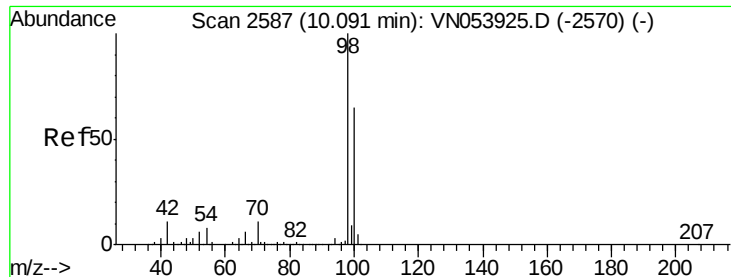
Tot Ion: 63 Resp: 2171
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.3 36.5#



#48
 Methyl methacrylate
 Concen: 2.212 ug/l
 RT: 9.18 min Scan# 2304
 Delta R.T. -0.02 min
 Lab File: VN054037.D
 Acq: 1 Mar 2019 18:48

Tgt Ion: 41 Resp: 12524
 Ion Ratio Lower Upper
 41 100
 69 0.0 74.8 112.2#
 39 0.0 39.0 58.6#





#50

Toluene-d8

Concen: 53.075 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054037.D

Acq: 1 Mar 2019 18:48

Instrument :

MSVOA_N

ClientSampleId :

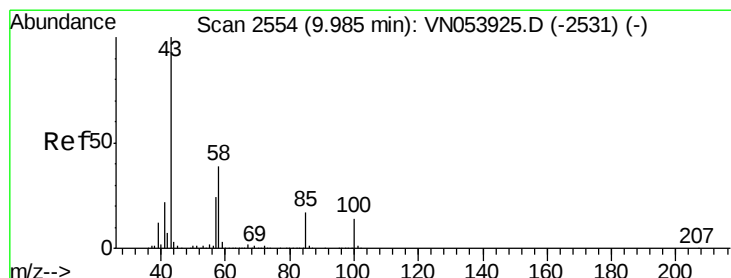
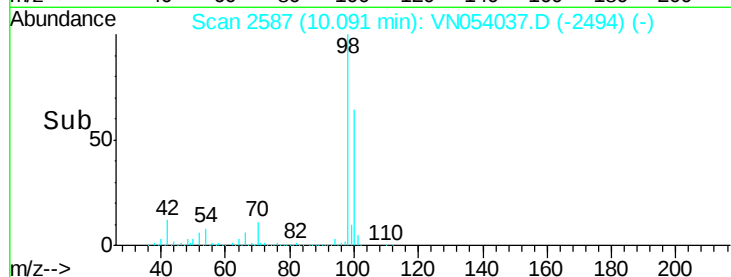
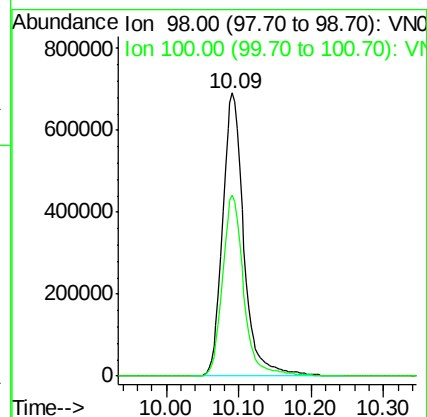
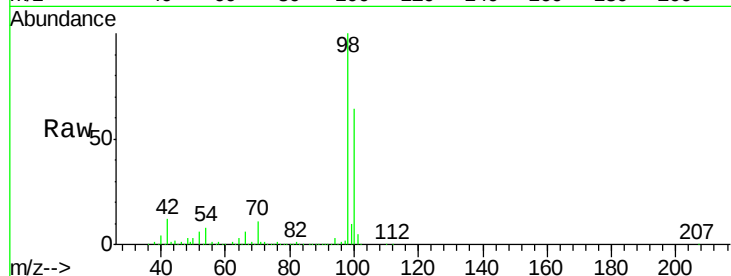
PB117500TB

Tot Ion: 98 Resp: 1402638

Ion Ratio Lower Upper

98 100

100 63.7 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 1.817 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN054037.D

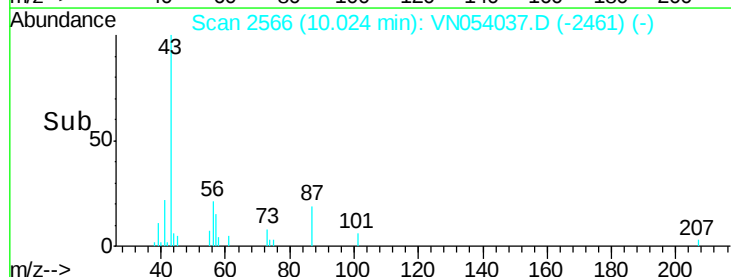
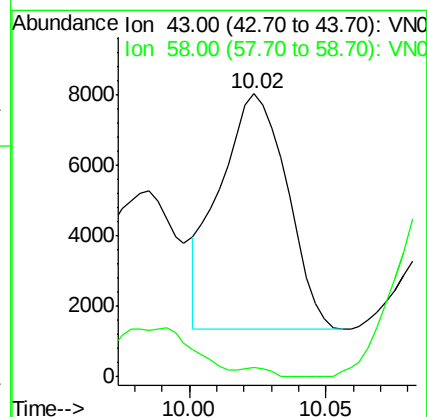
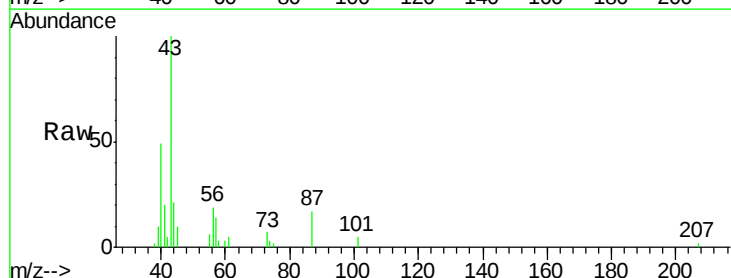
Acq: 1 Mar 2019 18:48

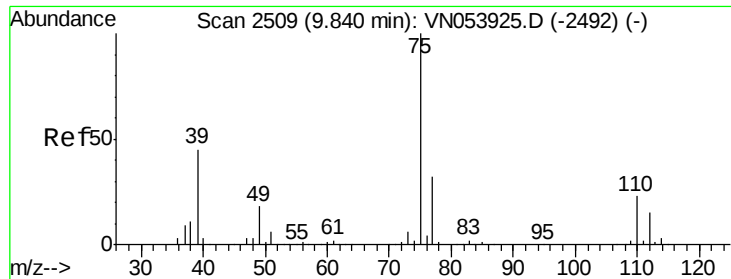
Tgt Ion: 43 Resp: 11491

Ion Ratio Lower Upper

43 100

58 0.0 32.7 49.1#





#54

cis-1,3-Dichloropropene

Concen: 6.769 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN054037.D

Acq: 1 Mar 2019 18:48

Instrument :

MSVOA_N

ClientSampled :

PB117500TB

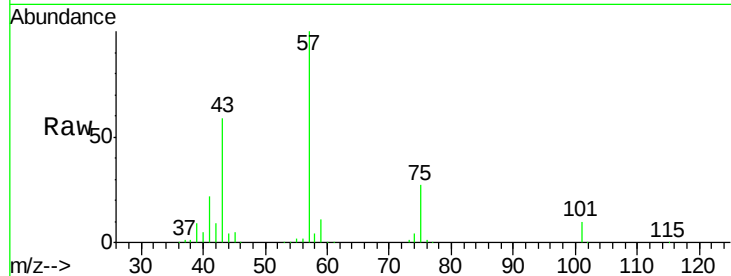
Tot Ion: 75 Resp: 80384

Ion Ratio Lower Upper

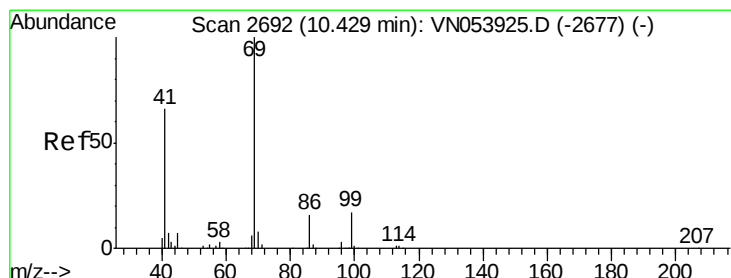
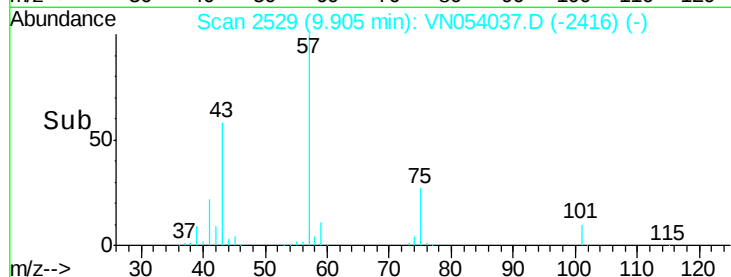
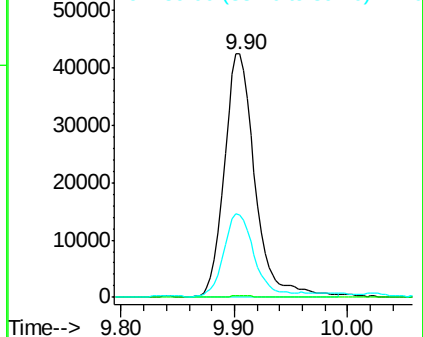
75 100

77 0.7 25.8 38.6#

39 33.6 31.4 47.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 76.90 (76.60 to 77.60): VNO
Ion 39.00 (38.70 to 39.70): VNO



#56

Ethyl methacrylate

Concen: 1.966 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. -0.00 min

Lab File: VN054037.D

Acq: 1 Mar 2019 18:48

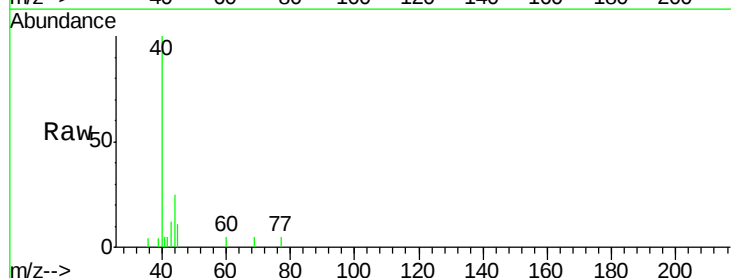
Tgt Ion: 69 Resp: 107

Ion Ratio Lower Upper

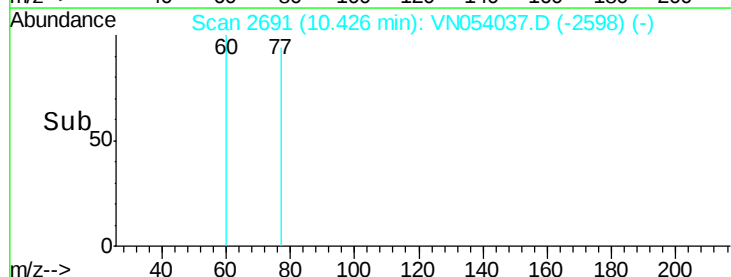
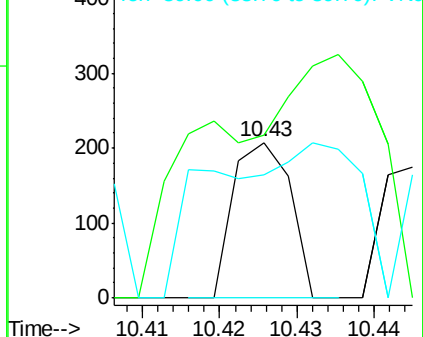
69 100

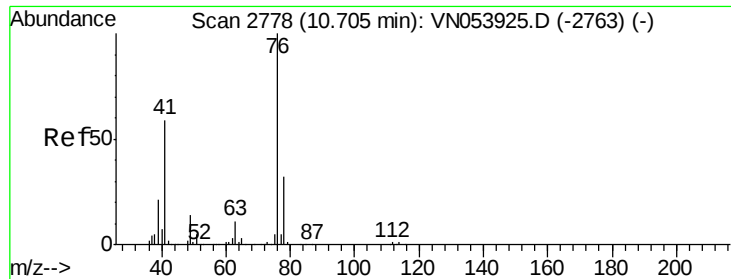
41 0.0 47.5 71.3#

39 0.0 23.4 35.0#



Abundance Ion 69.00 (68.70 to 69.70): VNO
Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO

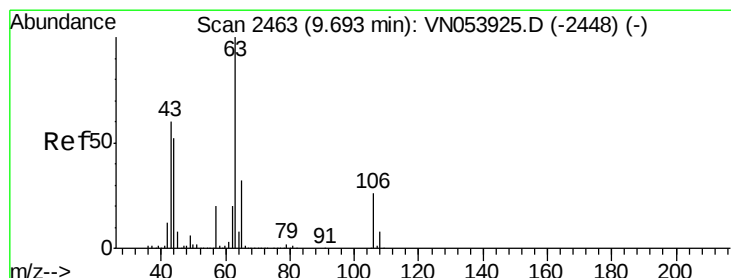
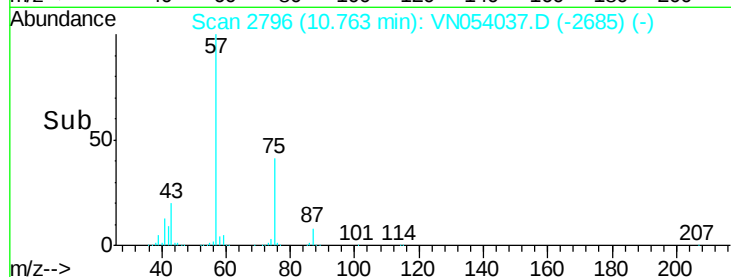
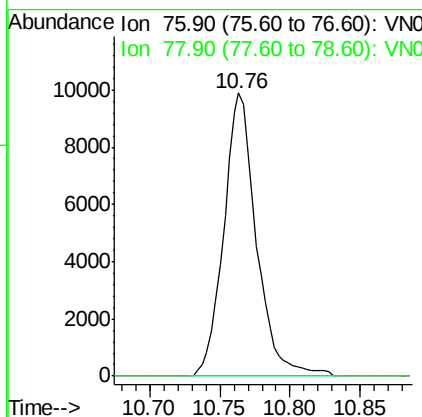
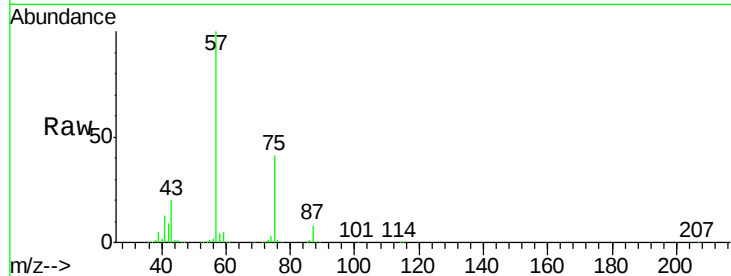




#57
 1,3-Dichloropropane
 Concen: 1.373 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN054037.D
 Acq: 1 Mar 2019 18:48

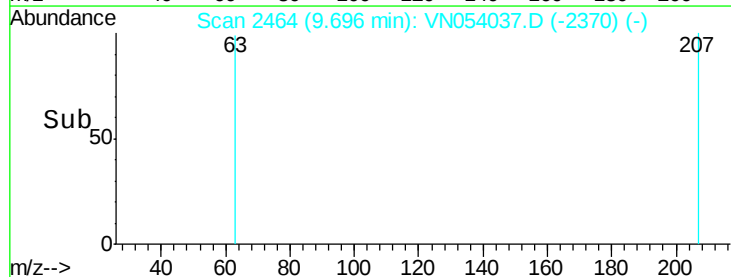
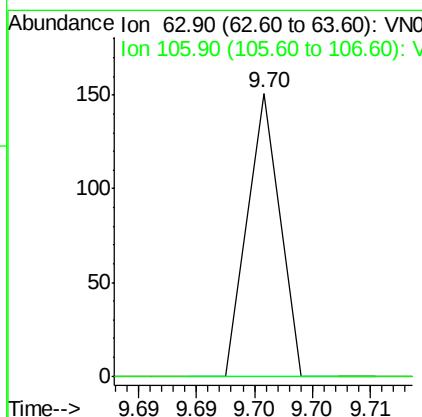
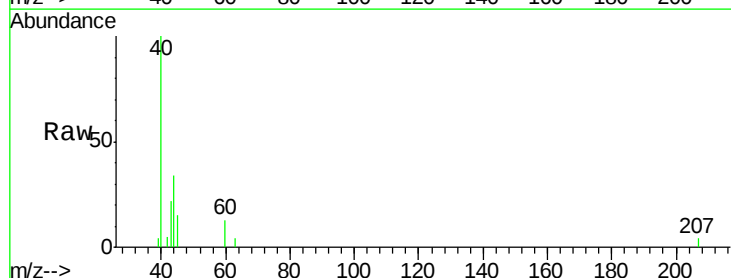
Instrument :
 MSVOA_N
 ClientSampled :
 PB117500TB

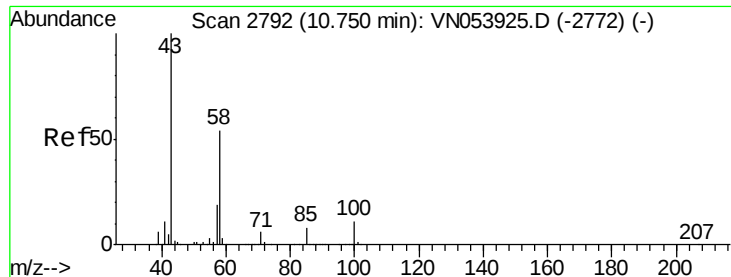
Tot Ion: 76 Resp: 15999
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.2 37.8#



#58
 2-Chloroethyl Vinyl ether
 Concen: 13.626 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN054037.D
 Acq: 1 Mar 2019 18:48

Tgt Ion: 63 Resp: 29
 Ion Ratio Lower Upper
 63 100
 106 0.0 22.2 33.2#

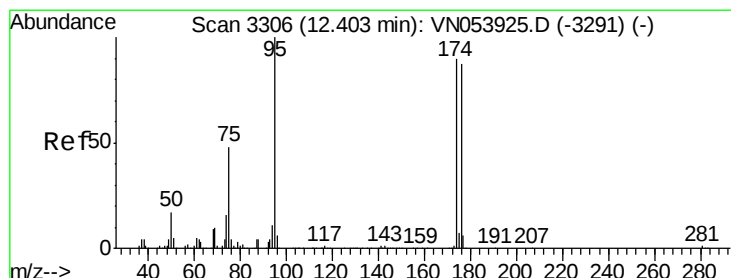
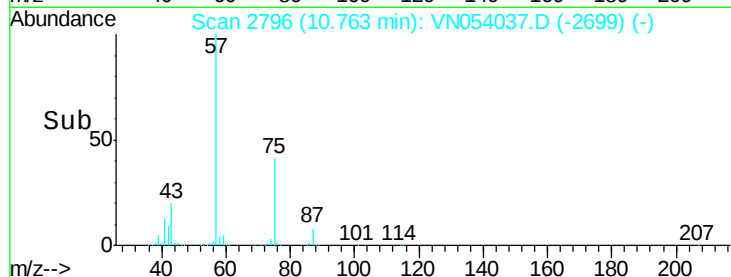
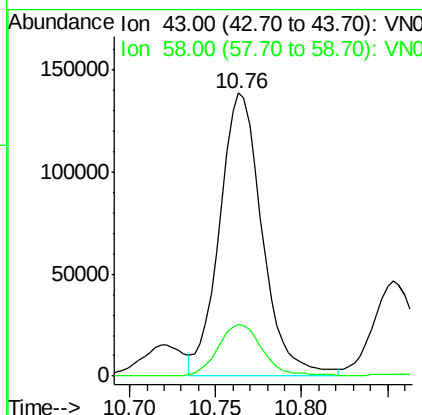
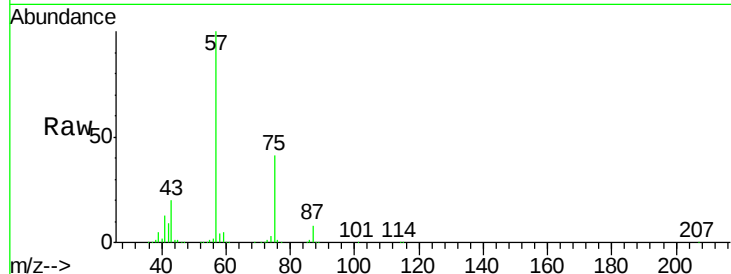




#59
2-Hexanone
Concen: 57.747 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN054037.D
Acq: 1 Mar 2019 18:48

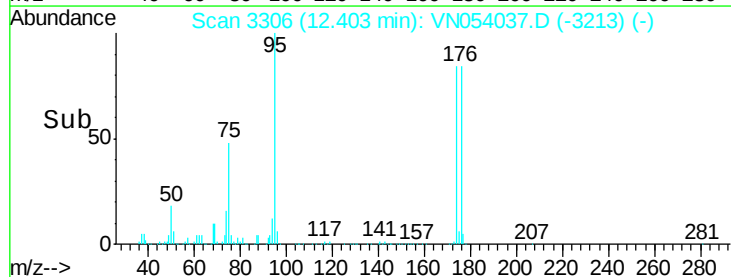
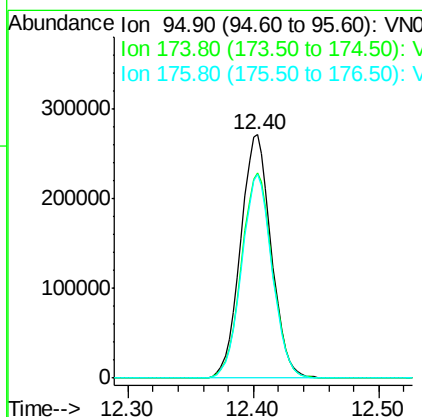
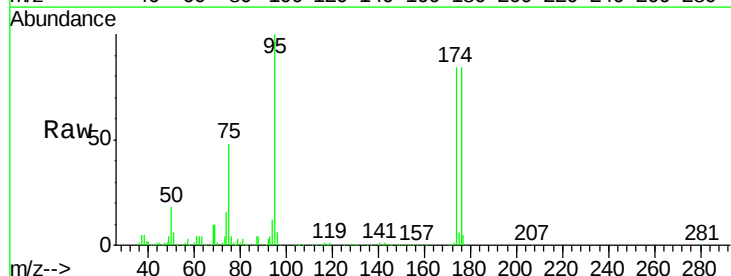
Instrument :
MSVOA_N
ClientSampleId :
PB117500TB

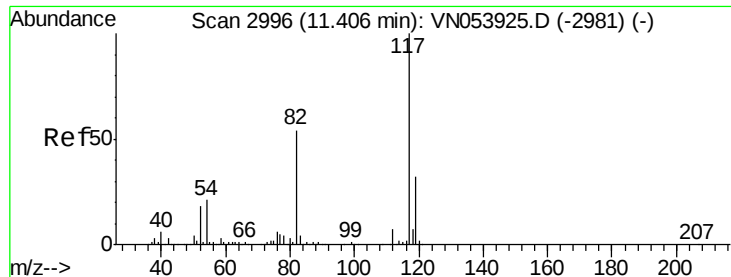
Tot Ion: 43 Resp: 237549
Ion Ratio Lower Upper
43 100
58 19.5 29.1 87.4#



#62
4-Bromofluorobenzene
Concen: 52.324 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN054037.D
Acq: 1 Mar 2019 18:48

Tgt Ion: 95 Resp: 460705
Ion Ratio Lower Upper
95 100
174 85.4 0.0 188.8
176 83.1 0.0 182.6

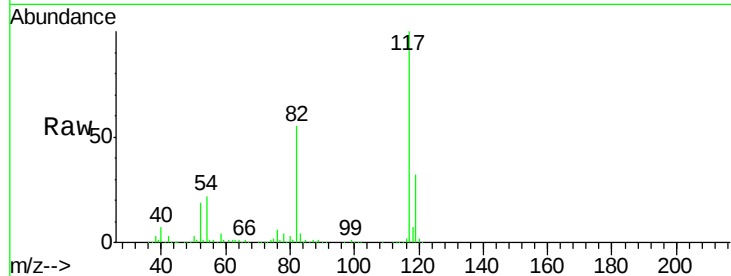




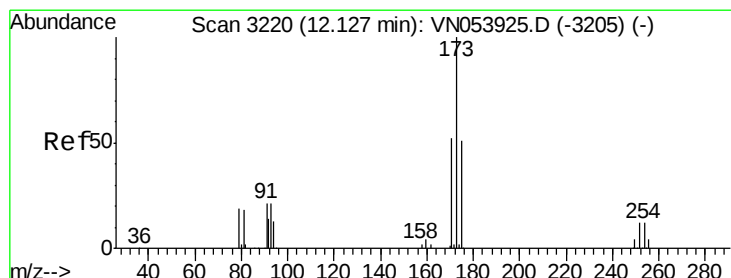
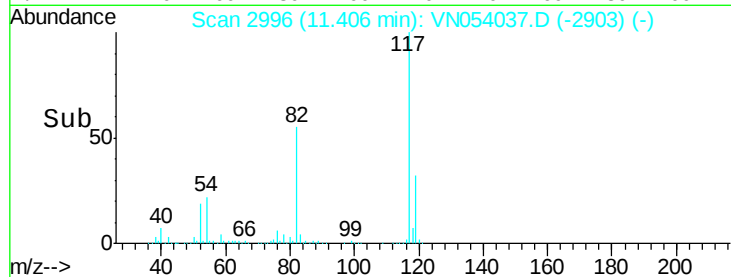
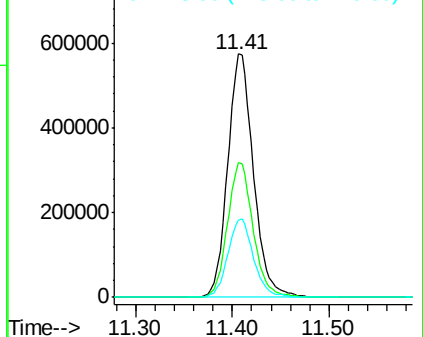
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054037.D
Acq: 1 Mar 2019 18:48

Instrument :
MSVOA_N
ClientSampleId :
PB117500TB

Tot Ion:117 Resp: 1061990
Ion Ratio Lower Upper
117 100
82 55.3 41.4 62.2
119 31.9 25.3 37.9

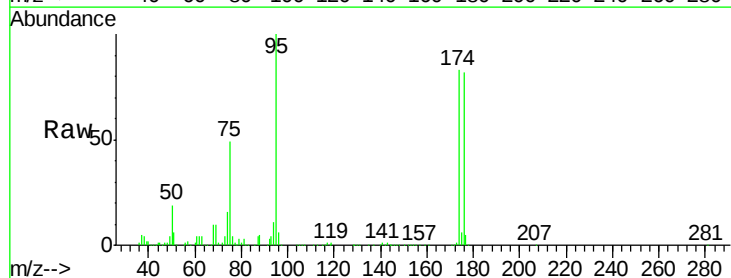


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

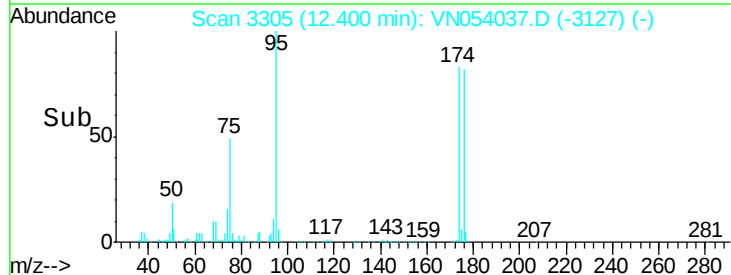
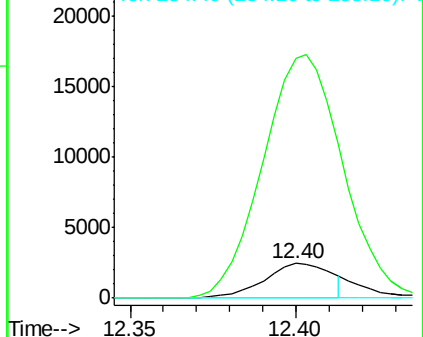


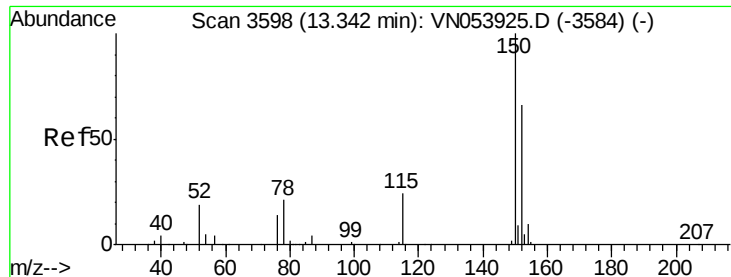
#71
Bromoform
Concen: 0.608 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN054037.D
Acq: 1 Mar 2019 18:48

Tgt Ion:173 Resp: 3419
Ion Ratio Lower Upper
173 100
175 732.2 24.3 72.8#
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: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054037.D

Acq: 1 Mar 2019 18:48

Instrument :

MSVOA_N

ClientSampleId :

PB117500TB

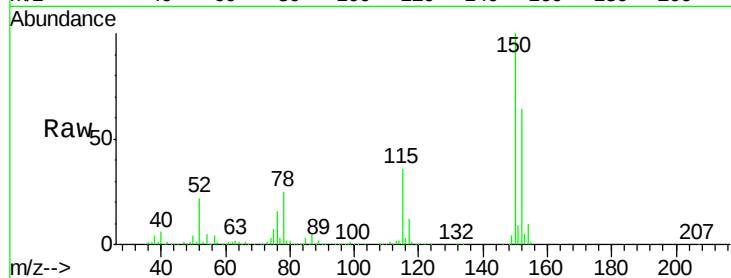
Tot Ion:152 Resp: 369830

Ion Ratio Lower Upper

152 100

115 57.2 27.2 81.6

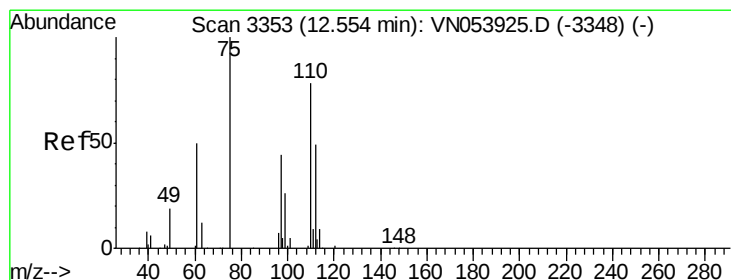
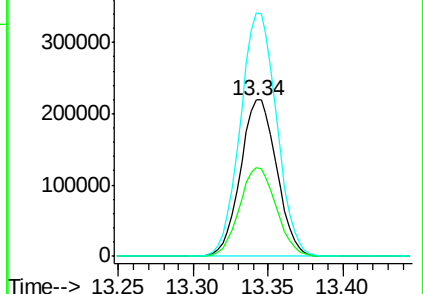
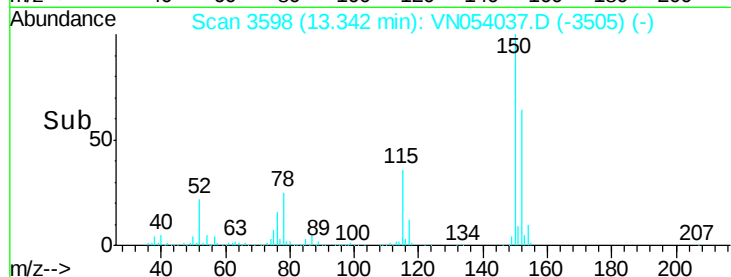
150 156.5 0.0 348.2



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: 37.570 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN054037.D

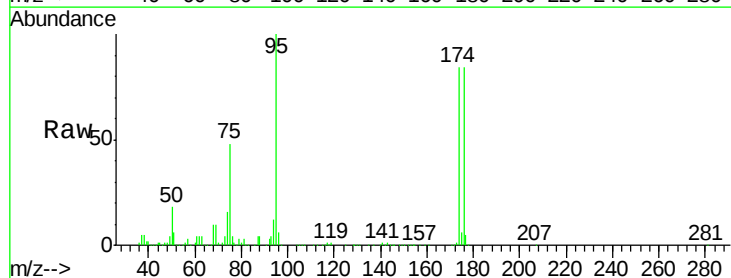
Acq: 1 Mar 2019 18:48

Tgt Ion: 75 Resp: 222894

Ion Ratio Lower Upper

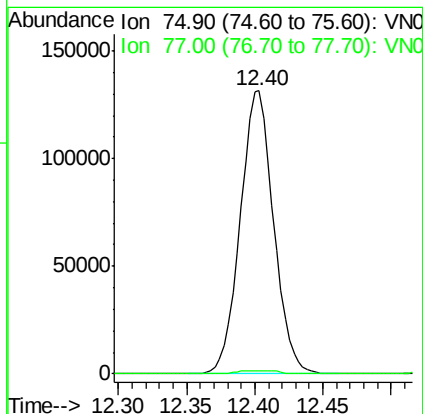
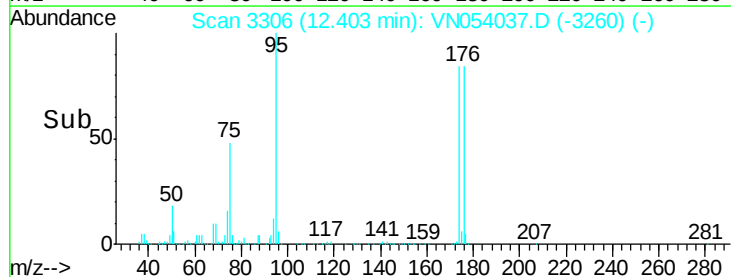
75 100

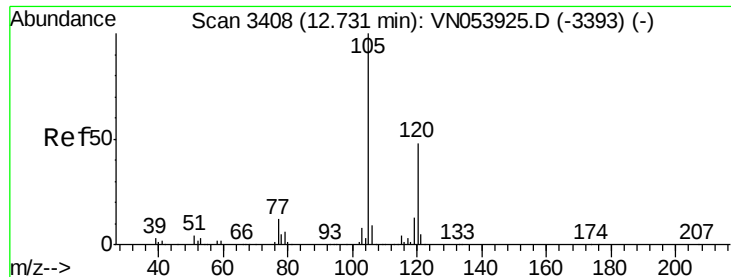
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#80

1,3,5-Trimethylbenzene

Concen: 0.926 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054037.D

Acq: 1 Mar 2019 18:48

Instrument :

MSVOA_N

ClientSampled :

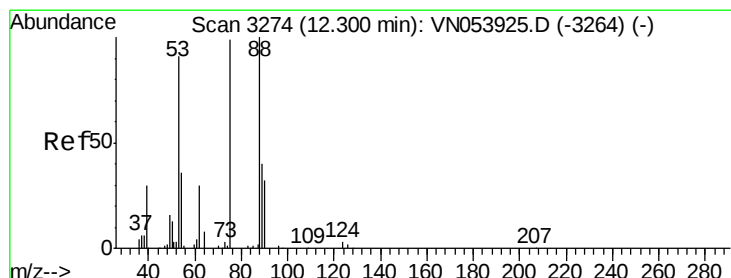
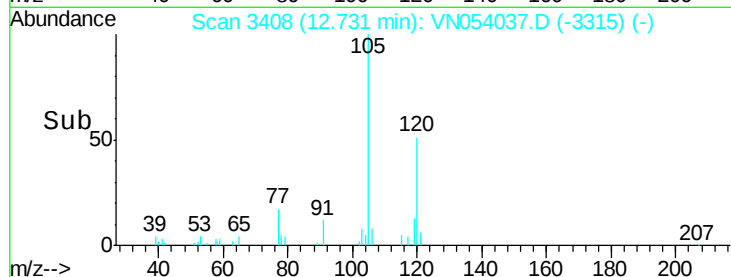
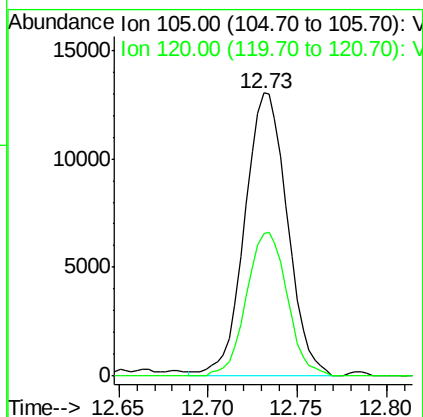
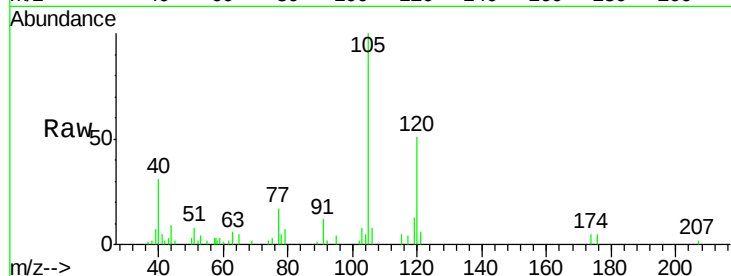
PB117500TB

Tot Ion:105 Resp: 21830

Ion Ratio Lower Upper

105 100

120 48.4 25.1 75.2



#81

trans-1,4-Dichloro-2-butene

Concen: 118.745 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN054037.D

Acq: 1 Mar 2019 18:48

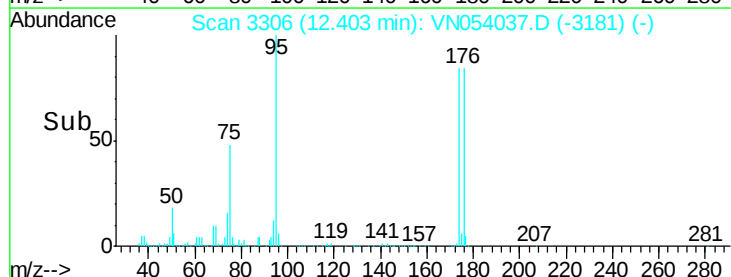
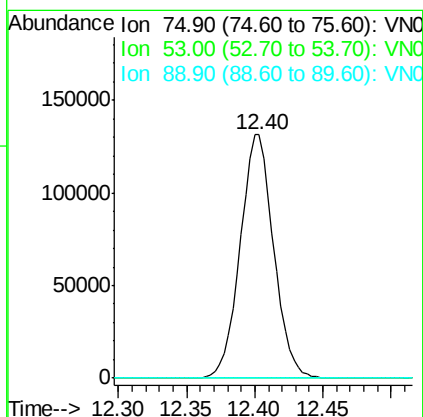
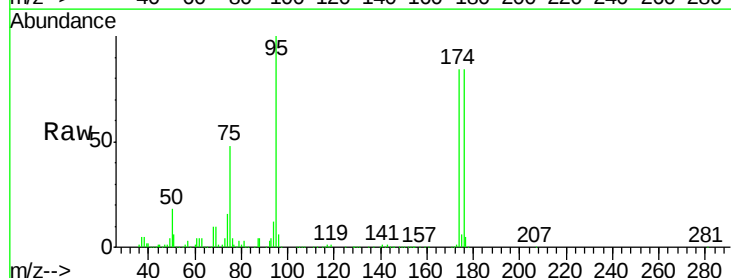
Tgt Ion: 75 Resp: 222894

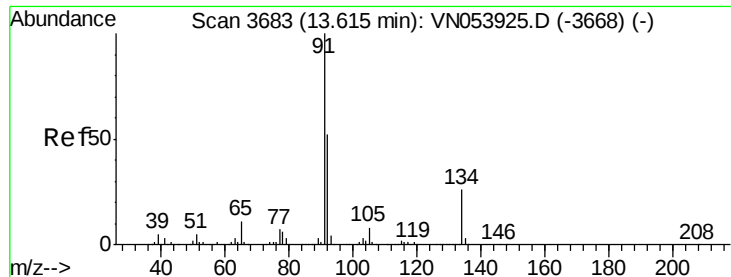
Ion Ratio Lower Upper

75 100

53 0.0 68.6 102.8#

89 0.0 35.3 52.9#

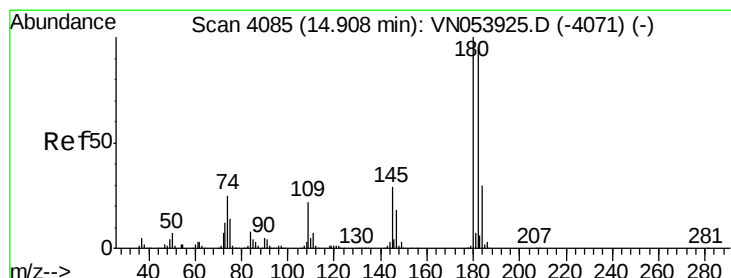
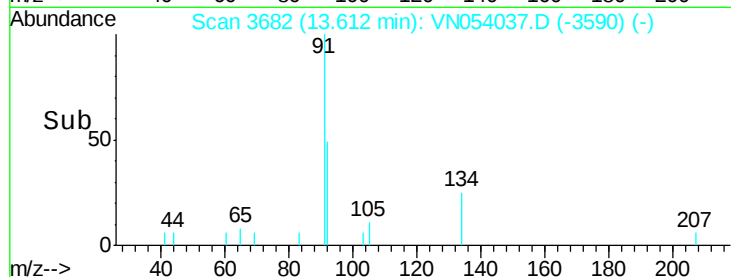
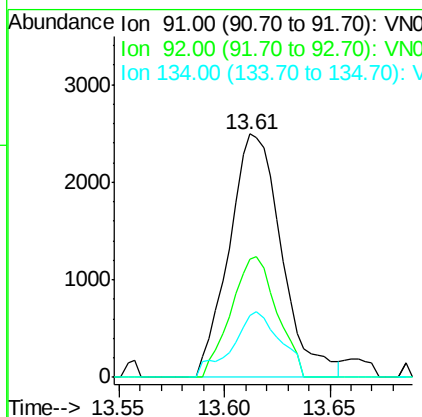
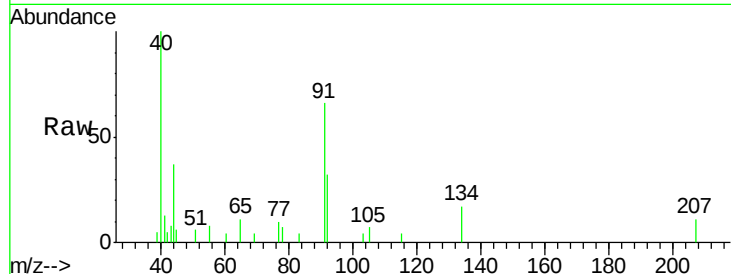




#89
n-Butylbenzene
Concen: 0.213 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN054037.D
Acq: 1 Mar 2019 18:48

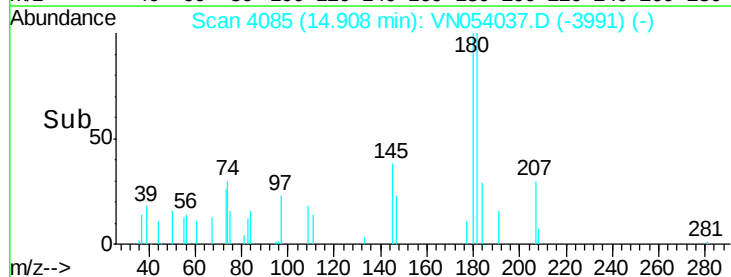
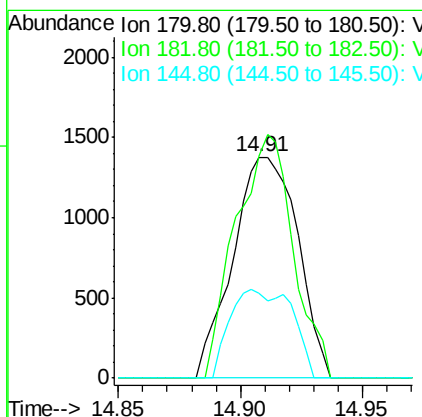
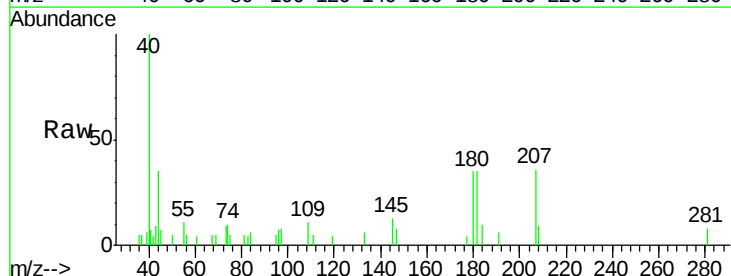
Instrument :
MSVOA_N
ClientSampled :
PB117500TB

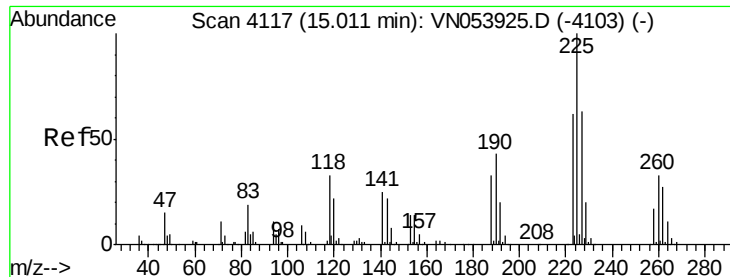
Tot Ion: 91 Resp: 4325
Ion Ratio Lower Upper
91 100
92 43.4 26.1 78.2
134 24.6 13.6 40.8



#93
1,2,4-Trichlorobenzene
Concen: 2.580 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VN054037.D
Acq: 1 Mar 2019 18:48

Tgt Ion: 180 Resp: 2539
Ion Ratio Lower Upper
180 100
182 97.5 48.6 145.9
145 38.6 13.8 41.3





#94

Hexachlorobutadiene

Concen: 0.284 ug/l

RT: 15.01 min Scan# 4118

Delta R.T. 0.00 min

Lab File: VN054037.D

Acq: 1 Mar 2019 18:48

Instrument :

MSVOA_N

ClientSampleId :

PB117500TB

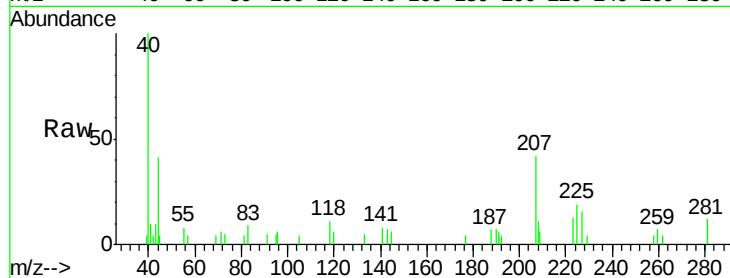
Tot Ion:225 Resp: 1254

Ion Ratio Lower Upper

225 100

223 82.9 30.9 92.5

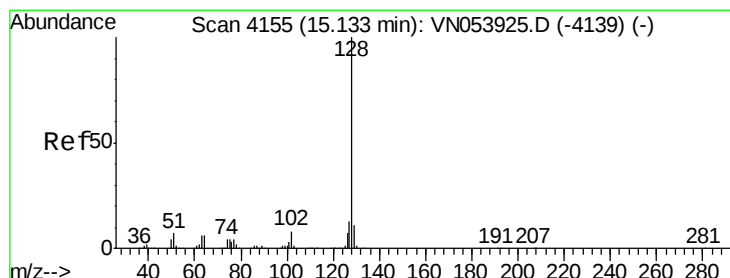
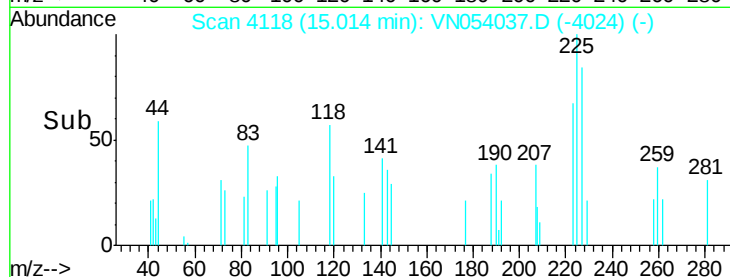
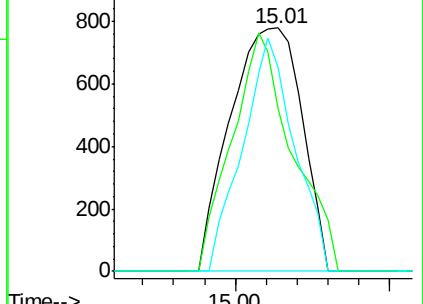
227 69.7 32.5 97.4



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: 3.741 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054037.D

Acq: 1 Mar 2019 18:48

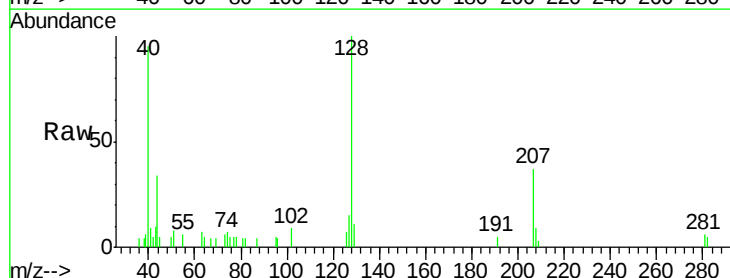
Tgt Ion:128 Resp: 8282

Ion Ratio Lower Upper

128 100

127 11.2 10.2 15.2

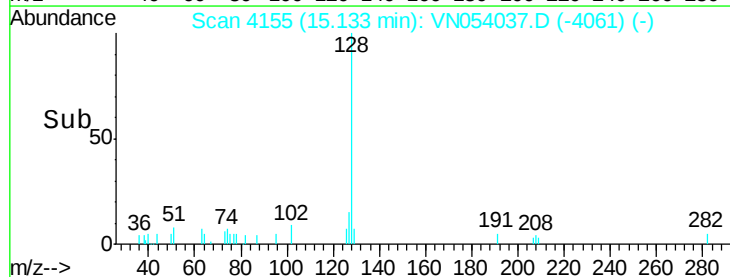
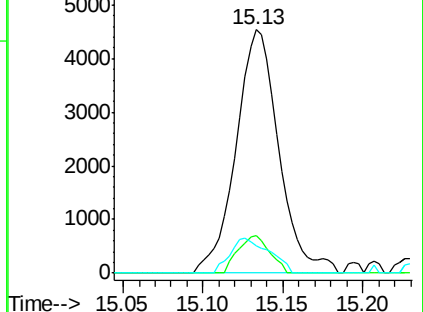
129 13.0 8.6 12.8#

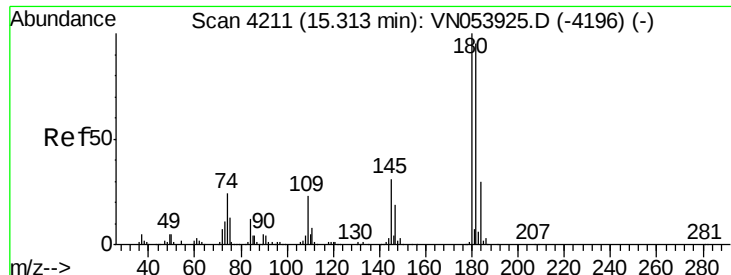


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

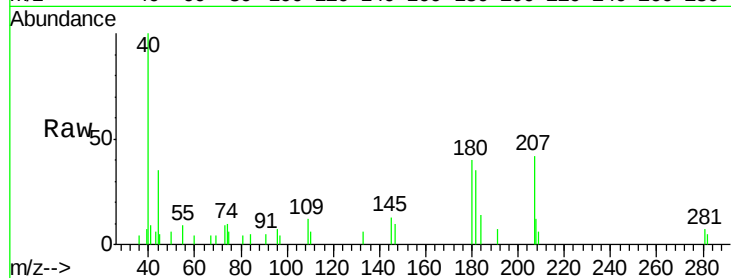




#96
 1,2,3-Trichlorobenzene
 Concen: 1.992 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. 0.00 min
 Lab File: VN054037.D
 Acq: 1 Mar 2019 18:48

Instrument :
 MSVOA_N
 ClientSampleId :
 PB117500TB

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.3	141.8
145	38.1	14.4	43.0



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

