

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN022519\
 Data File : VN053933.D
 Acq On : 25 Feb 2019 16:56
 Operator : JC/SP
 Sample : PB117322TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB117322TB

Quant Time: Feb 26 06:17:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 05:37:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	619935	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1100480	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1071108	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	396493	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	379475	52.22	ug/l	0.00
Spiked Amount			Recovery	=	104.44%	
35) Dibromofluoromethane	7.59	113	358227	50.34	ug/l	0.00
Spiked Amount			Recovery	=	100.68%	
50) Toluene-d8	10.09	98	1401721	52.91	ug/l	0.00
Spiked Amount			Recovery	=	105.82%	
62) 4-Bromofluorobenzene	12.40	95	460264	52.15	ug/l	0.00
Spiked Amount			Recovery	=	104.30%	

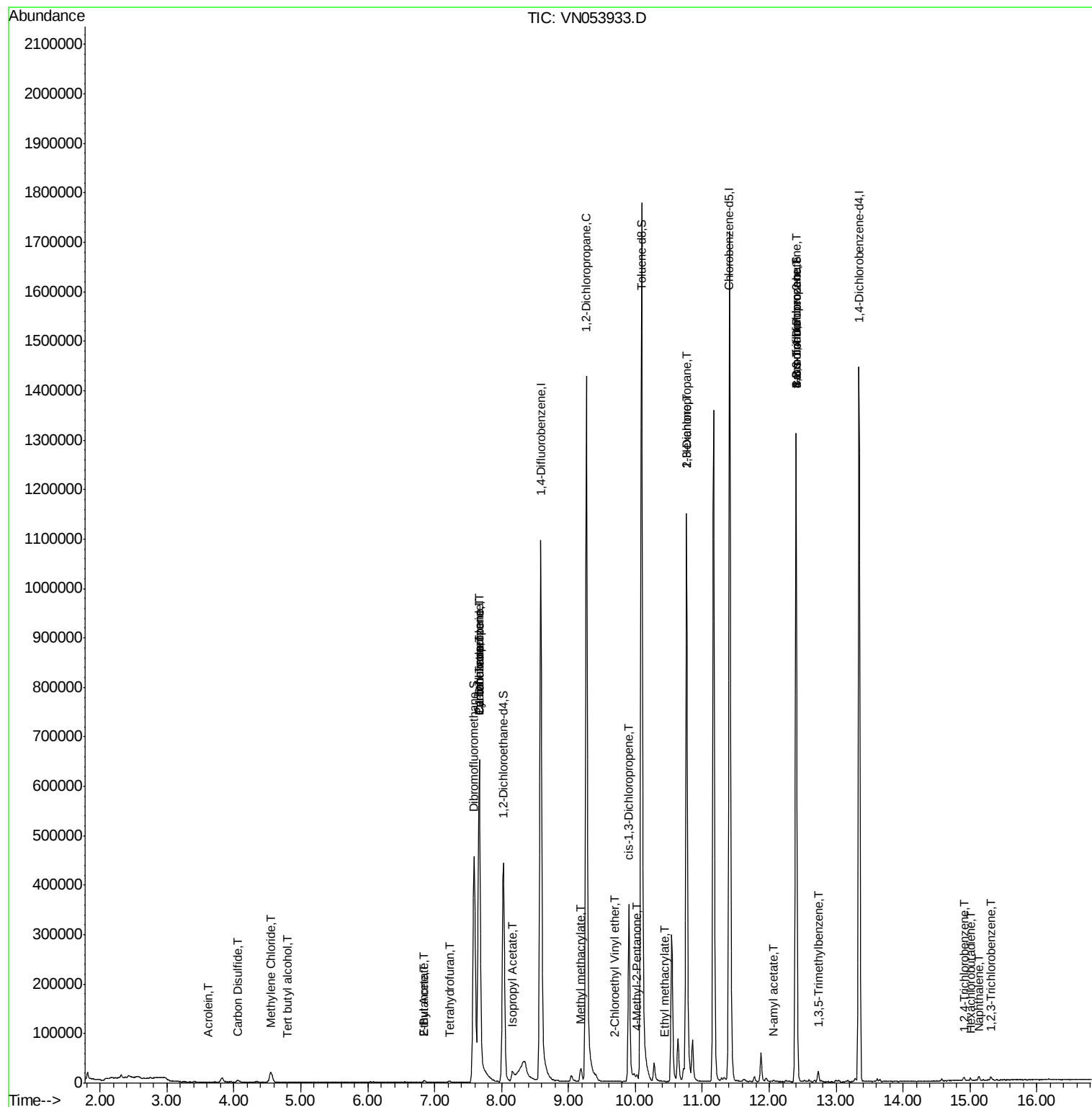
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.80	59	100	0.217	ug/l #	73
13) Acrolein	3.61	56	252	0.528	ug/l #	28
16) Acetone	3.82	43	16110	Below Cal		96
17) Carbon Disulfide	4.05	76	6101	0.309	ug/l	95
20) Methylene Chloride	4.55	84	15640	2.175	ug/l	94
25) 2-Butanone	6.85	43	6854	2.402	ug/l	97
29) Tetrahydrofuran	7.22	42	2498	1.315	ug/l #	59
31) Cyclohexane	7.66	56	11622	0.595	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	40564	3.964	ug/l #	47
37) Ethyl Acetate	6.85	43	6854	0.938	ug/l #	71
38) Carbon Tetrachloride	7.67	117	52585	4.940	ug/l #	17
43) Isopropyl Acetate	8.16	43	31209	2.529	ug/l #	92
45) 1,2-Dichloropropane	9.27	63	1826	0.215	ug/l #	44
48) Methyl methacrylate	9.18	41	11087	1.954	ug/l #	12
51) 4-Methyl-2-Pentanone	10.02	43	9531	1.503	ug/l #	34
54) cis-1,3-Dichloropropene	9.90	75	69675	5.853	ug/l #	68
56) Ethyl methacrylate	10.43	69	296	1.986	ug/l #	29
57) 1,3-Dichloropropane	10.76	76	12496	1.070	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.69	63	59	13.632	ug/l #	47
59) 2-Hexanone	10.76	43	188540	45.723	ug/l #	48
71) Bromoform	12.40	173	3390	0.598	ug/l #	1
74) N-amyl acetate	12.07	43	1729	0.214	ug/l #	64
76) 1,2,3-Trichloropropane	12.40	75	223489	35.137	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	9814	0.388	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.40	75	223489	111.056	ug/l #	15
93) 1,2,4-Trichlorobenzene	14.91	180	2583	2.561	ug/l	91
94) Hexachlorobutadiene	15.01	225	996	0.210	ug/l	94
95) Naphthalene	15.13	128	7443	3.655	ug/l	96
96) 1,2,3-Trichlorobenzene	15.31	180	3129	1.991	ug/l	97

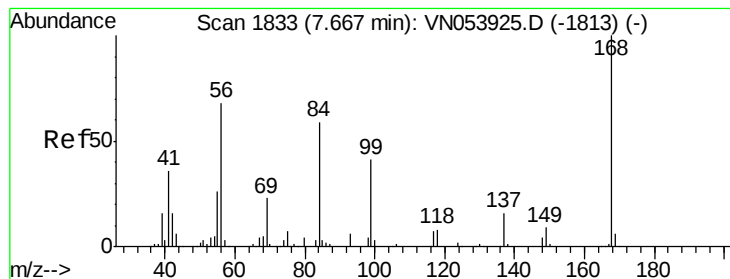
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053933.D

Acq: 25 Feb 2019 16:56

Instrument :

MSVOA_N

ClientSampleId :

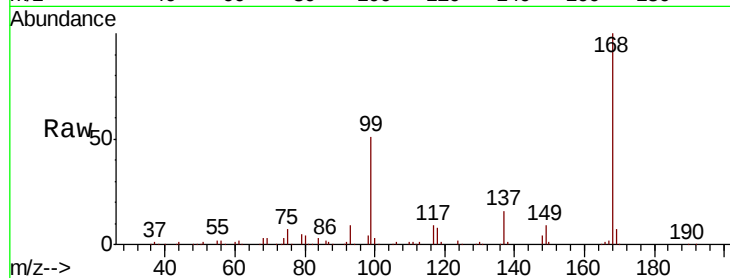
PB117322TB

Tgt Ion:168 Resp: 619935

Ion Ratio Lower Upper

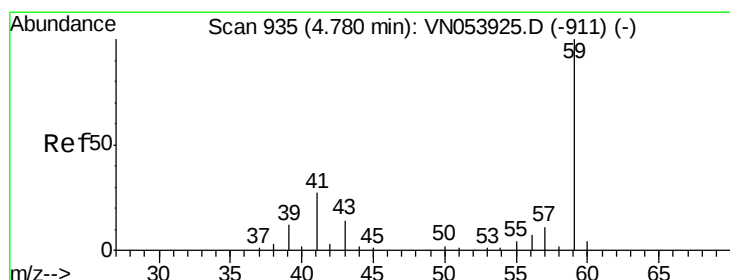
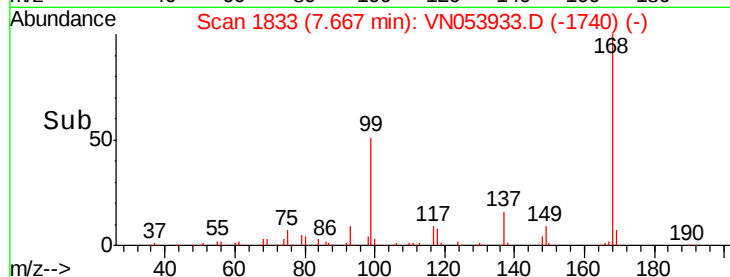
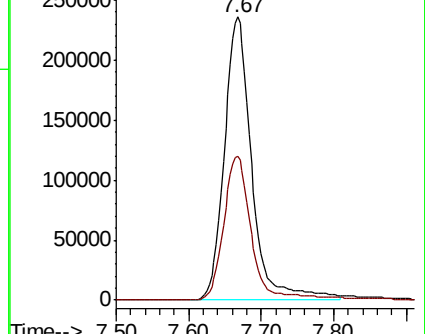
168 100

99 50.9 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#11

Tert butyl alcohol

Concen: 0.217 ug/l

RT: 4.80 min Scan# 941

Delta R.T. 0.02 min

Lab File: VN053933.D

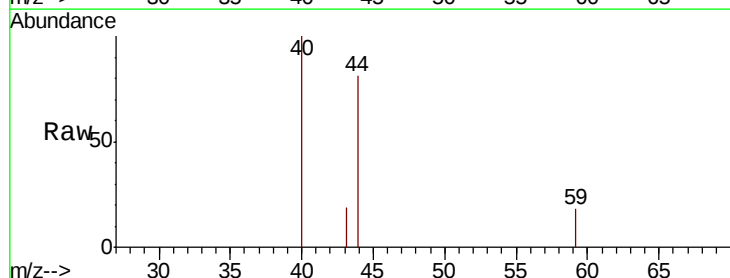
Acq: 25 Feb 2019 16:56

Tgt Ion: 59 Resp: 100

Ion Ratio Lower Upper

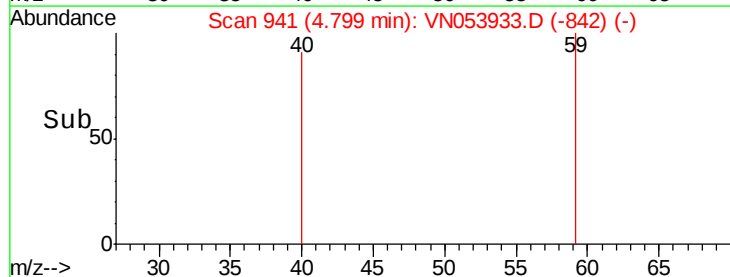
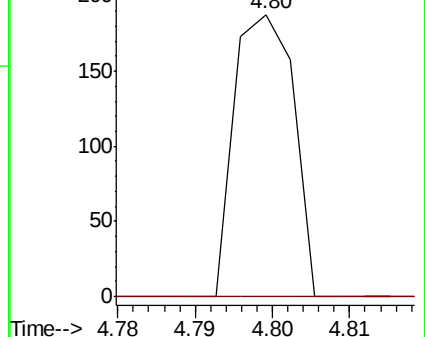
59 100

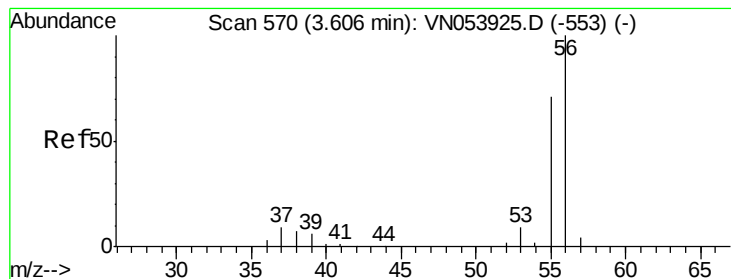
57 0.0 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0





#13

Acrolein

Concen: 0.528 ug/l

RT: 3.61 min Scan# 572

Delta R.T. 0.01 min

Lab File: VN053933.D

Acq: 25 Feb 2019 16:56

Instrument :

MSVOA_N

ClientSampleId :

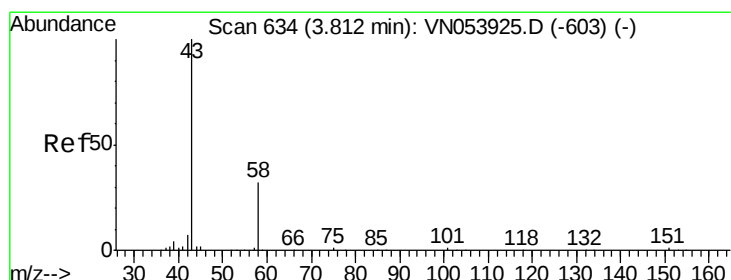
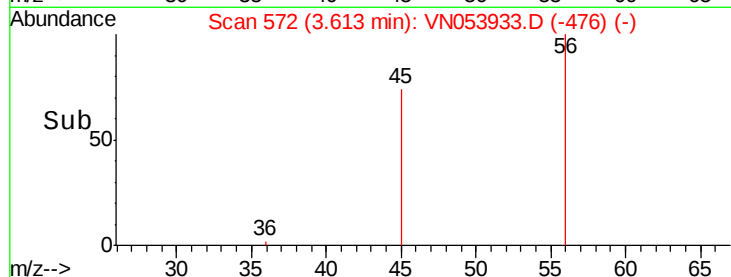
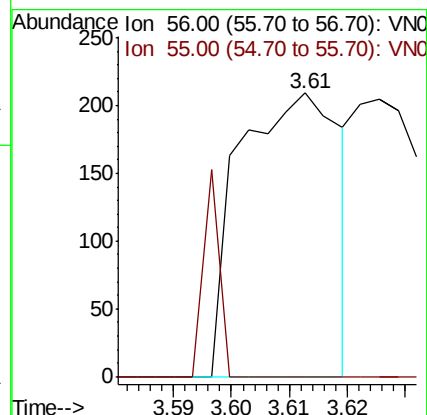
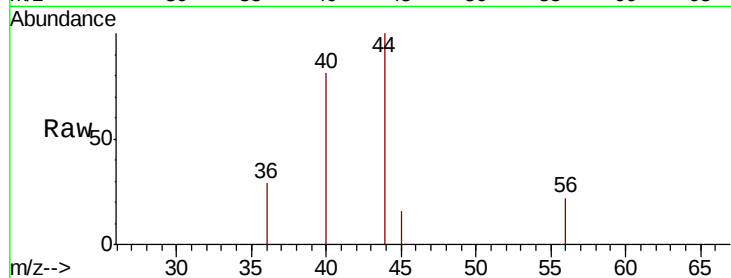
PB117322TB

Tgt Ion: 56 Resp: 252

Ion Ratio Lower Upper

56 100

55 11.5 56.3 84.5#



#16

Acetone

Concen: Below Cal

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053933.D

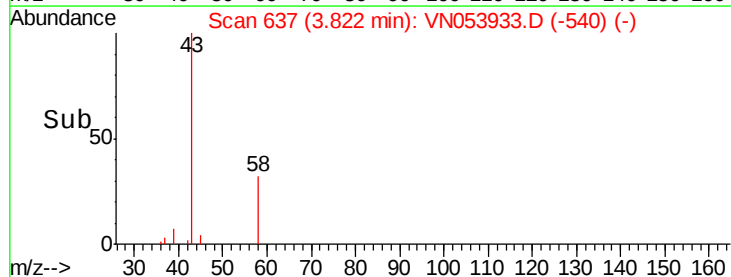
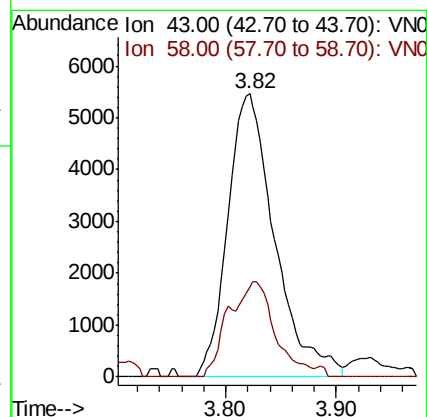
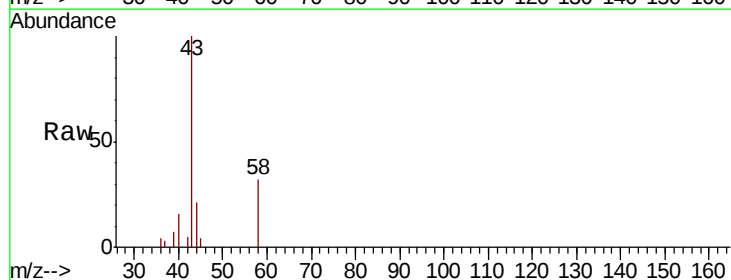
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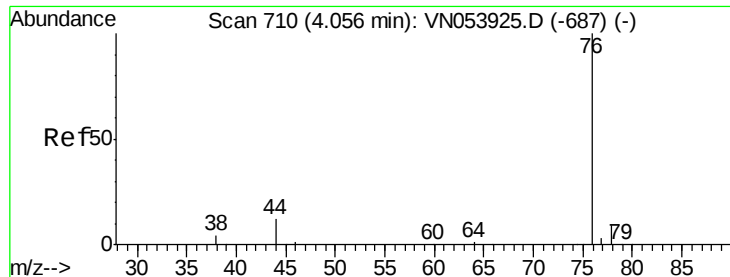
Tgt Ion: 43 Resp: 16110

Ion Ratio Lower Upper

43 100

58 32.0 27.6 41.4

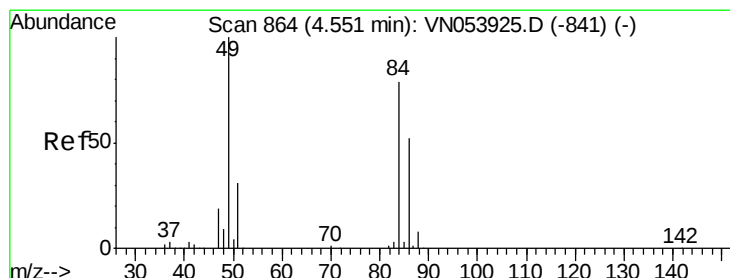
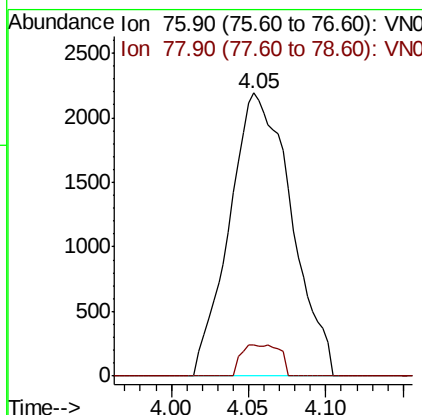
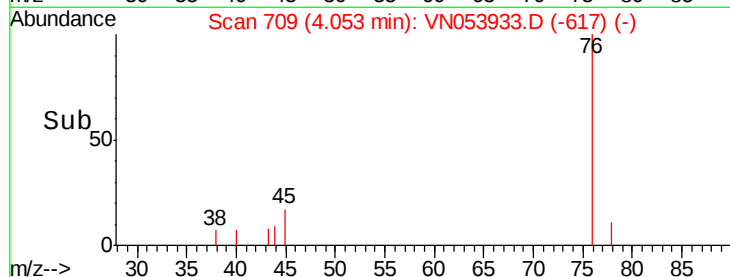
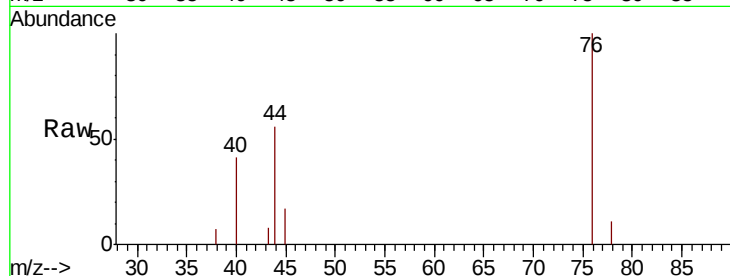




#17
Carbon Disulfide
Concen: 0.309 ug/l
RT: 4.05 min Scan# 709
Delta R.T. -0.00 min
Lab File: VN053933.D
Acq: 25 Feb 2019 16:56

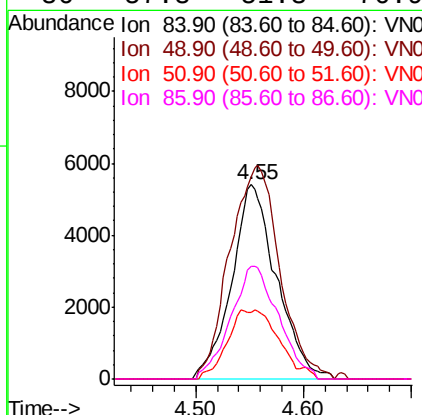
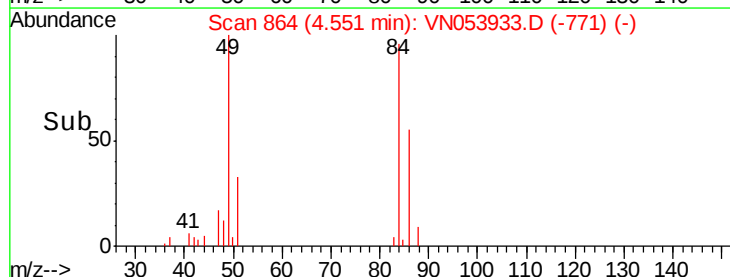
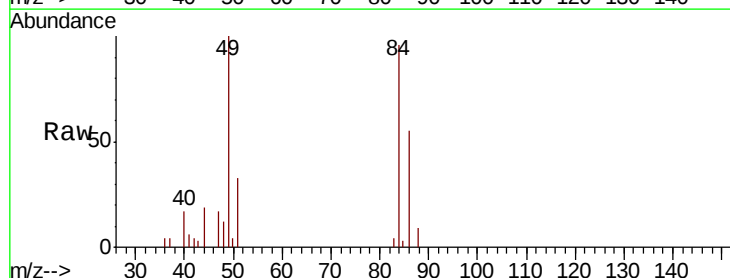
Instrument :
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PB117322TB

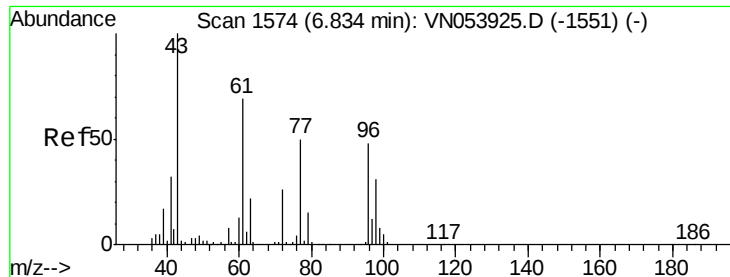
Tgt Ion: 76 Resp: 6101
Ion Ratio Lower Upper
76 100
78 11.0 7.5 11.3



#20
Methylene Chloride
Concen: 2.175 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN053933.D
Acq: 25 Feb 2019 16:56

Tgt Ion: 84 Resp: 15640
Ion Ratio Lower Upper
84 100
49 104.3 89.7 134.5
51 34.3 27.8 41.8
86 57.8 51.3 76.9

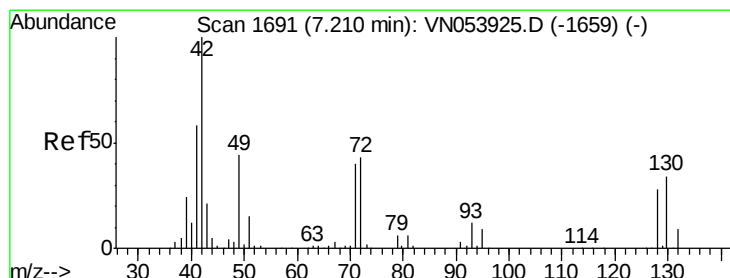
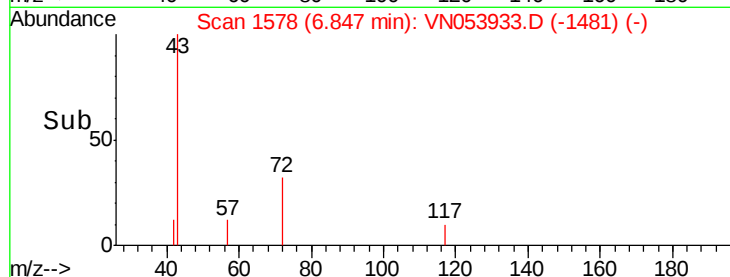
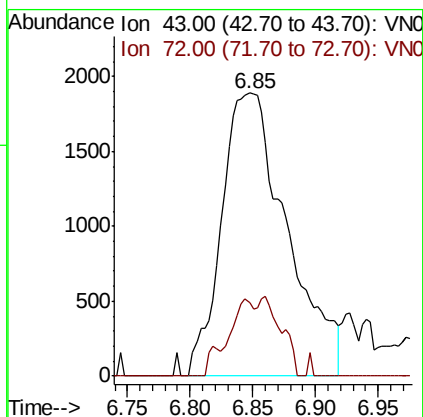
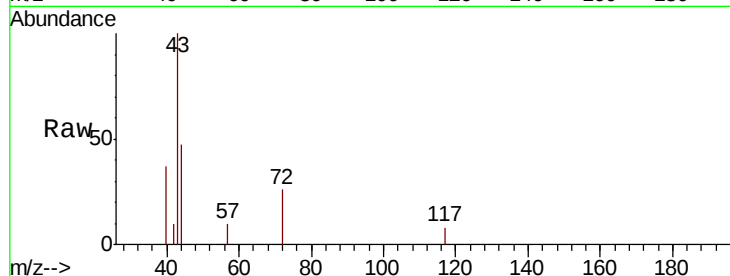




#25
2-Butanone
Concen: 2.402 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN053933.D
Acq: 25 Feb 2019 16:56

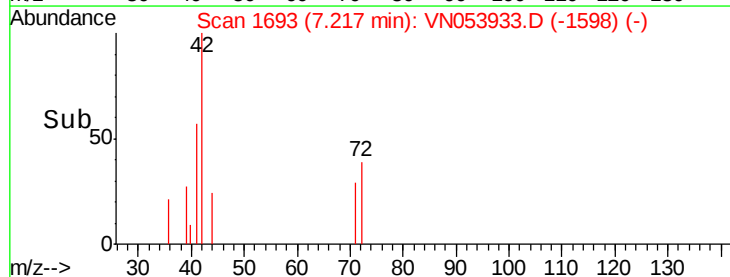
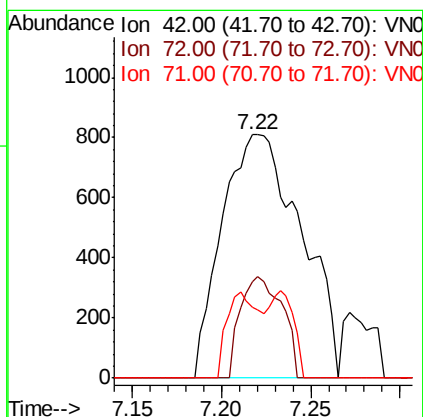
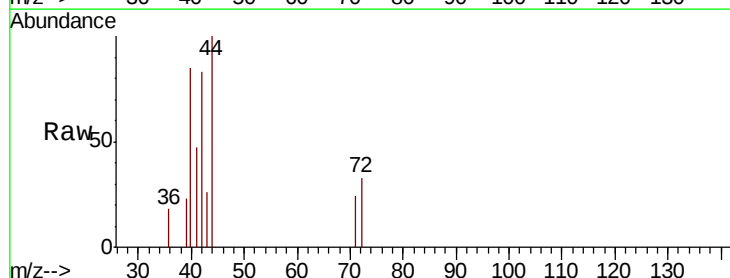
Instrument :
MSVOA_N
ClientSampleId :
PB117322TB

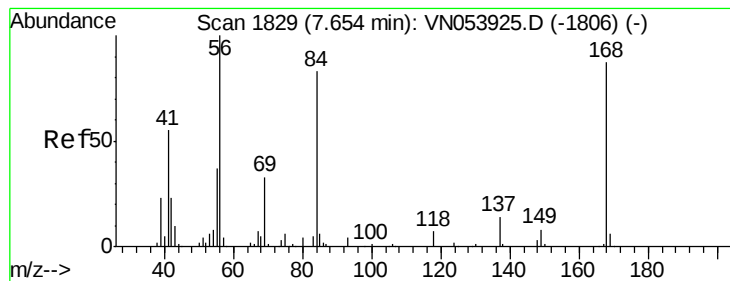
Tgt Ion: 43 Resp: 6854
Ion Ratio Lower Upper
43 100
72 26.1 22.1 33.1



#29
Tetrahydrofuran
Concen: 1.315 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VN053933.D
Acq: 25 Feb 2019 16:56

Tgt Ion: 42 Resp: 2498
Ion Ratio Lower Upper
42 100
72 22.1 36.9 55.3#
71 14.4 34.6 52.0#





#31

Cyclohexane

Concen: 0.595 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. 0.01 min

Lab File: VN053933.D

Acq: 25 Feb 2019 16:56

Instrument :

MSVOA_N

ClientSampleId :

PB117322TB

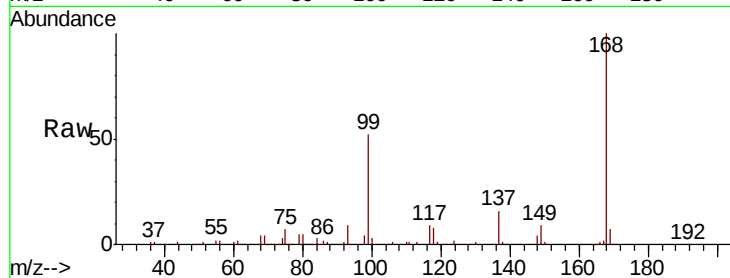
Tgt Ion: 56 Resp: 11622

Ion Ratio Lower Upper

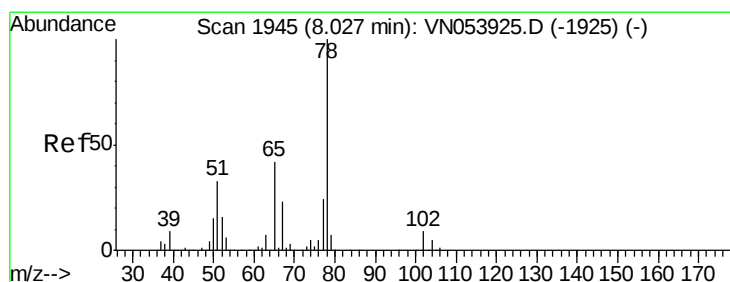
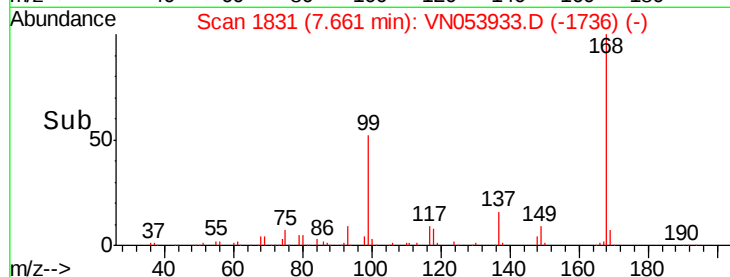
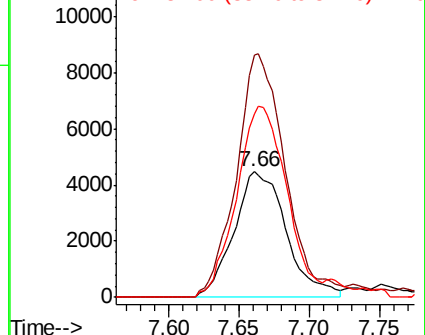
56 100

69 193.4 26.0 39.0#

84 145.7 69.1 103.7#



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



#33

1,2-Dichloroethane-d4

Concen: 52.219 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053933.D

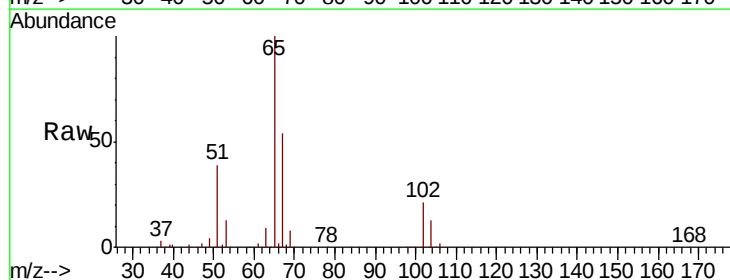
Acq: 25 Feb 2019 16:56

Tgt Ion: 65 Resp: 379475

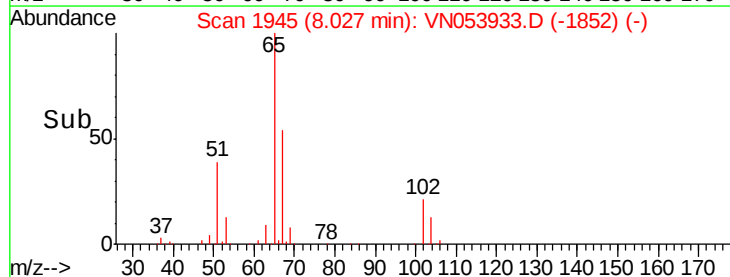
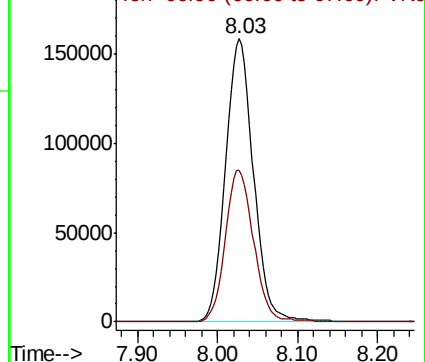
Ion Ratio Lower Upper

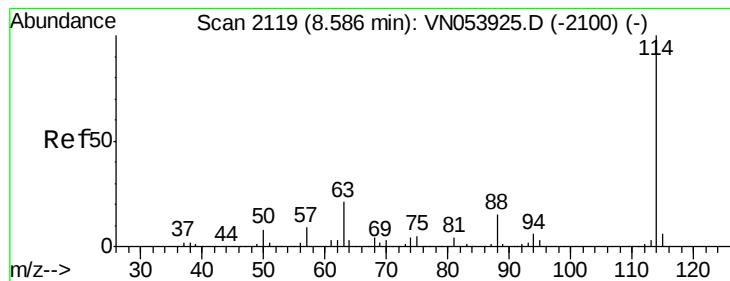
65 100

67 54.1 0.0 111.8



Abundance Ion 64.90 (64.60 to 65.60): VNO
Ion 66.90 (66.60 to 67.60): VNO





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053933.D

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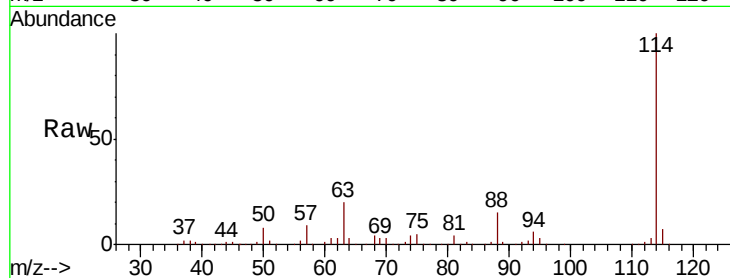
Tgt Ion:114 Resp: 1100480

Ion Ratio Lower Upper

114 100

63 20.3 0.0 37.4

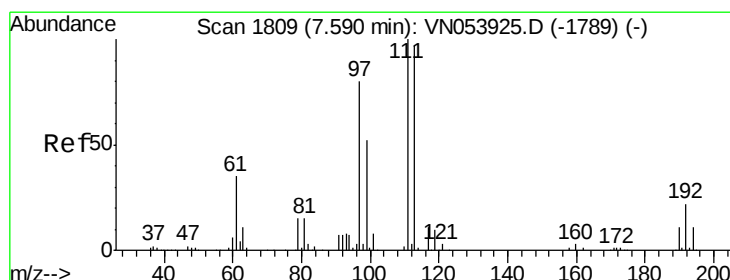
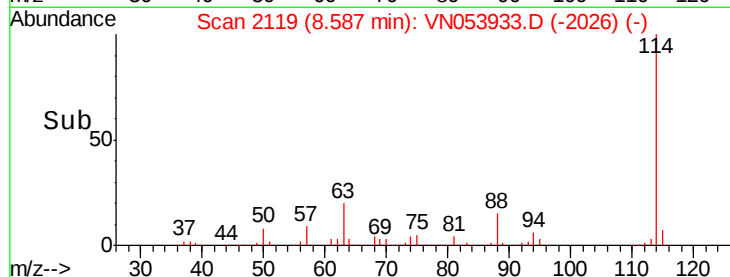
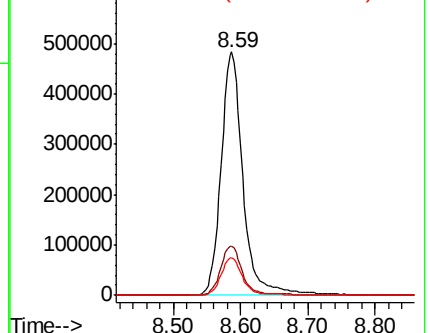
88 15.4 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 50.339 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN053933.D

Acq: 25 Feb 2019 16:56

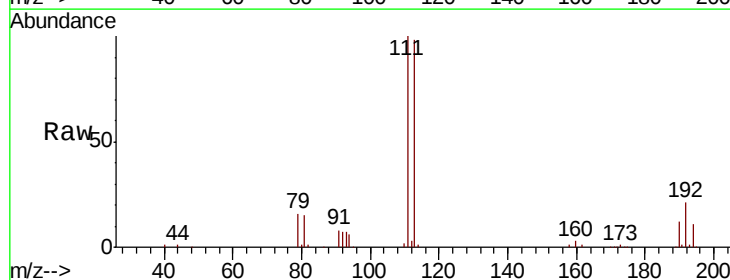
Tgt Ion:113 Resp: 358227

Ion Ratio Lower Upper

113 100

111 102.3 81.1 121.7

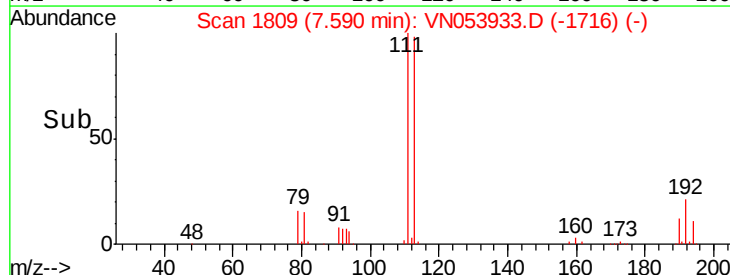
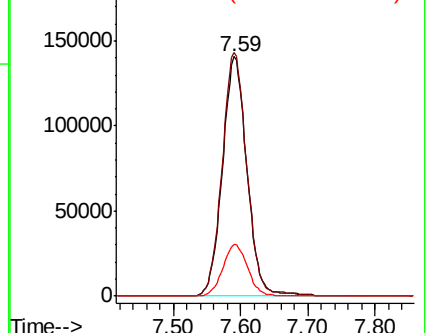
192 21.9 18.8 28.2

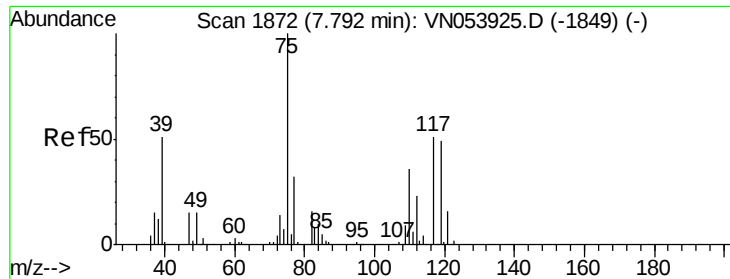


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

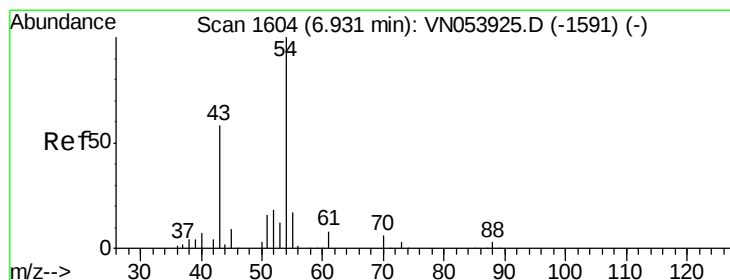
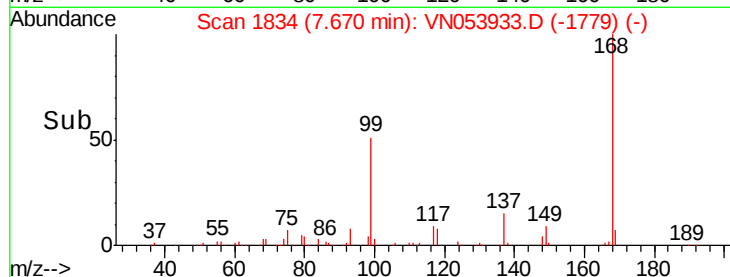
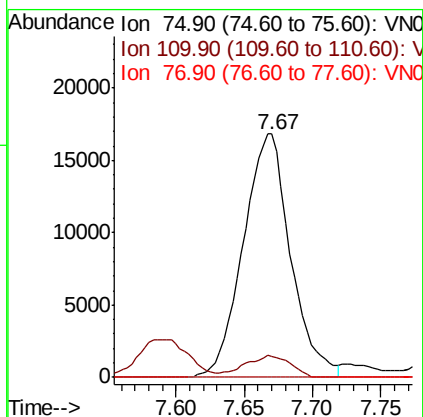
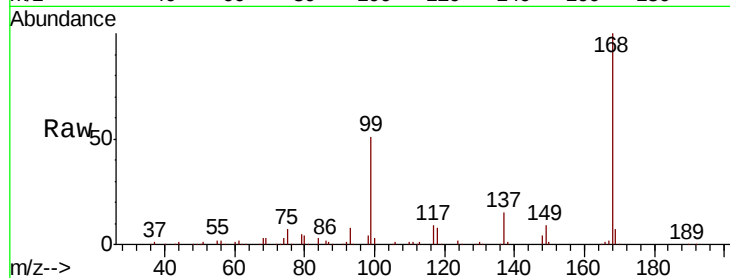




#36
 1,1-Dichloropropene
 Concen: 3.964 ug/l
 RT: 7.67 min Scan# 1834
 Delta R.T. -0.12 min
 Lab File: VN053933.D
 Acq: 25 Feb 2019 16:56

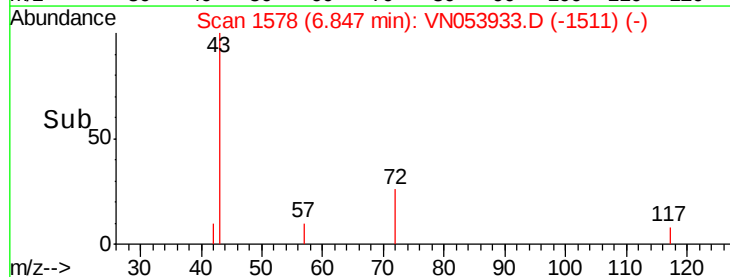
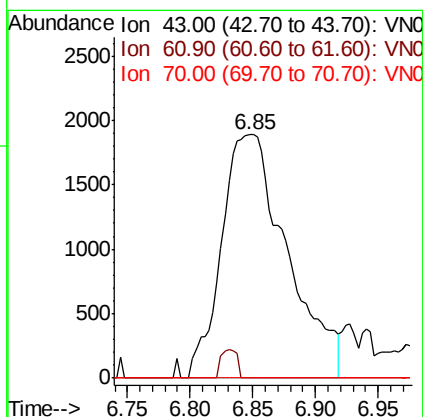
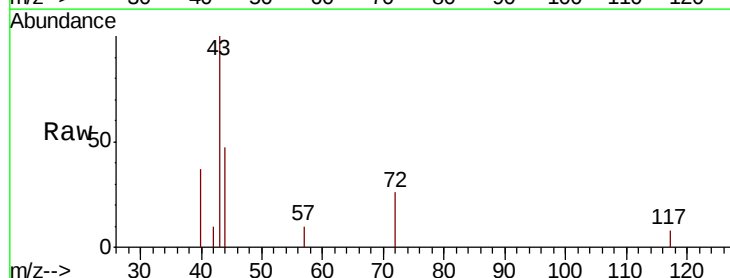
Instrument :
 MSVOA_N
 ClientSampled :
 PB117322TB

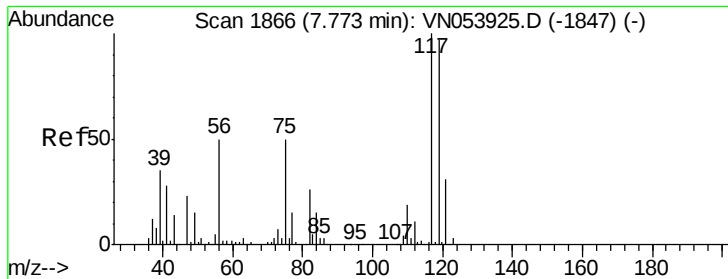
Tgt Ion: 75 Resp: 40564
 Ion Ratio Lower Upper
 75 100
 110 8.6 19.0 57.0#
 77 0.0 25.4 38.0#



#37
 Ethyl Acetate
 Concen: 0.938 ug/l
 RT: 6.85 min Scan# 1578
 Delta R.T. -0.08 min
 Lab File: VN053933.D
 Acq: 25 Feb 2019 16:56

Tgt Ion: 43 Resp: 6854
 Ion Ratio Lower Upper
 43 100
 61 2.8 12.0 18.0#
 70 0.0 8.7 13.1#

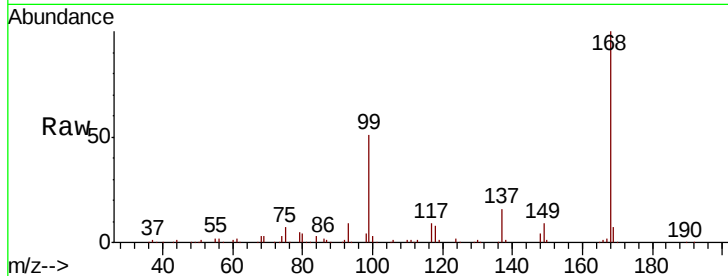




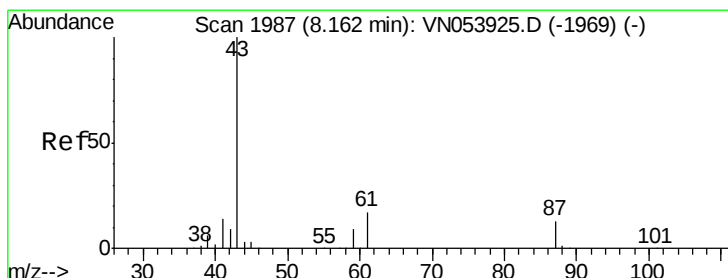
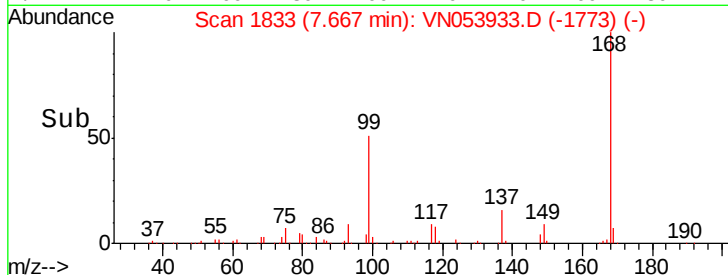
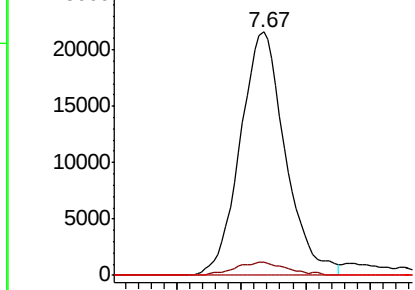
#38
Carbon Tetrachloride
Concen: 4.940 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN053933.D
Acq: 25 Feb 2019 16:56

Instrument :
MSVOA_N
ClientSampleId :
PB117322TB

Tgt Ion:117 Resp: 52585
Ion Ratio Lower Upper
117 100
119 5.5 76.2 114.2#
121 0.0 24.6 36.8#

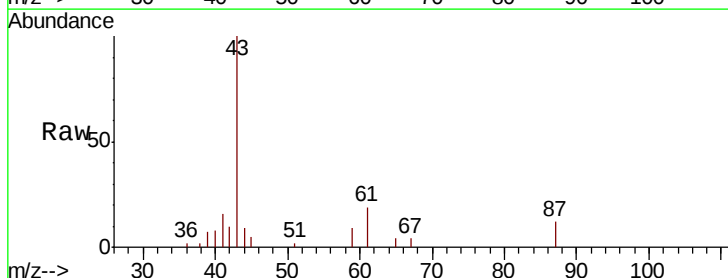


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

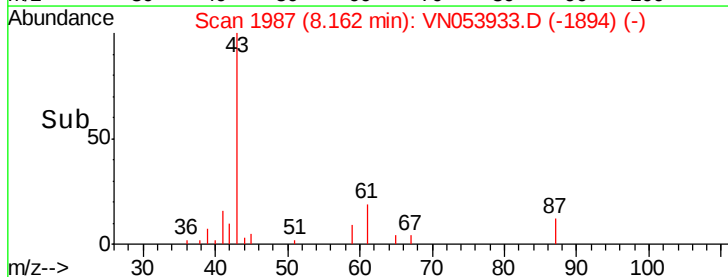
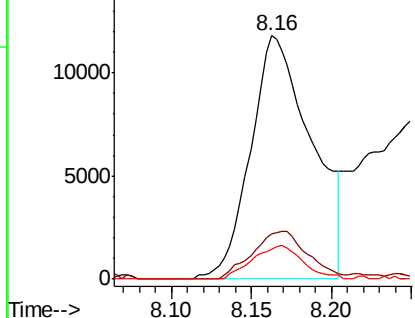


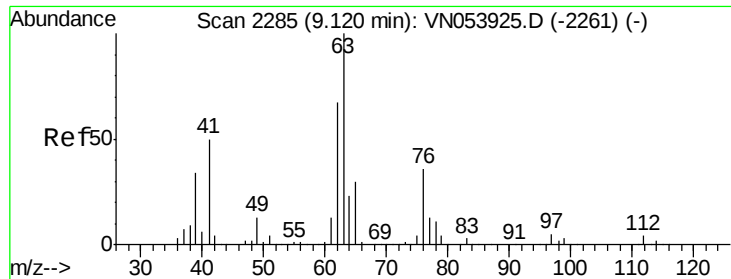
#43
Isopropyl Acetate
Concen: 2.529 ug/l
RT: 8.16 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VN053933.D
Acq: 25 Feb 2019 16:56

Tgt Ion: 43 Resp: 31209
Ion Ratio Lower Upper
43 100
61 17.9 17.4 26.0
87 11.3 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

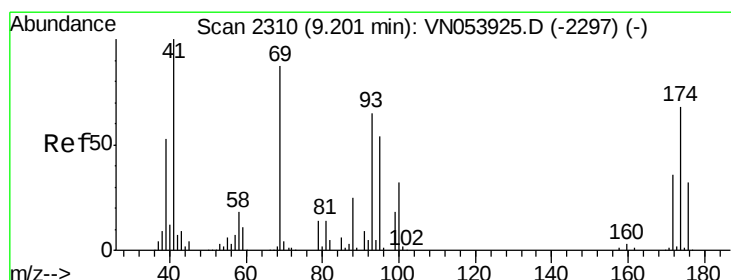
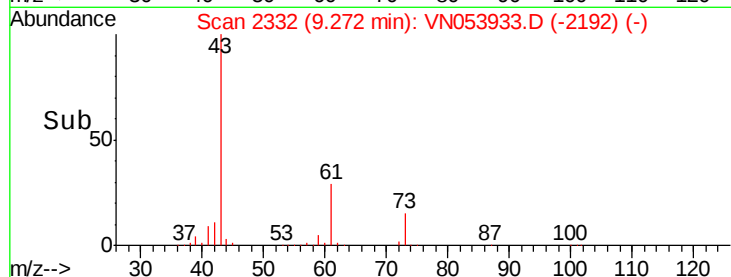
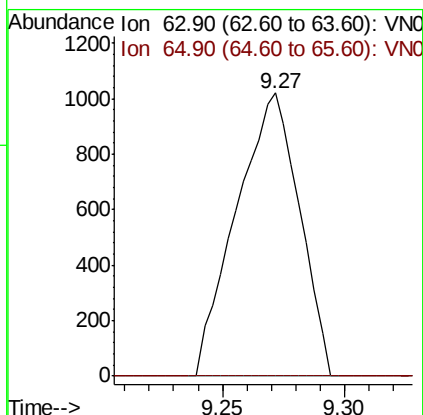
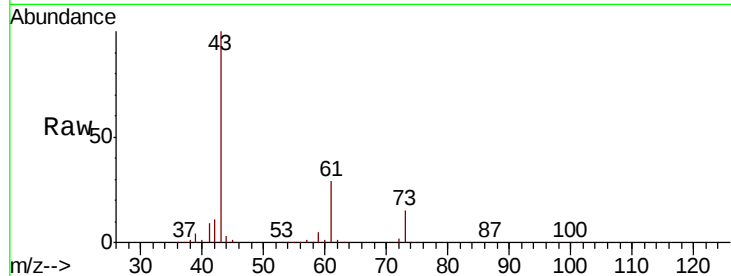




#45
 1,2-Dichloropropane
 Concen: 0.215 ug/l
 RT: 9.27 min Scan# 2332
 Delta R.T. 0.15 min
 Lab File: VN053933.D
 Acq: 25 Feb 2019 16:56

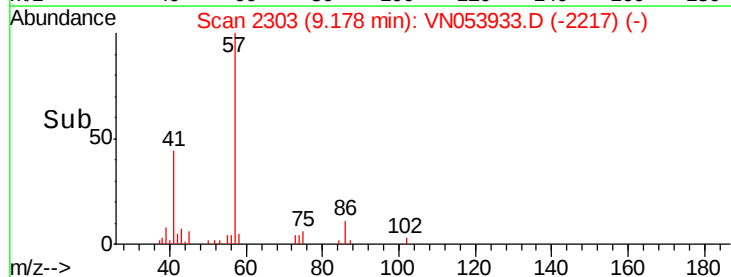
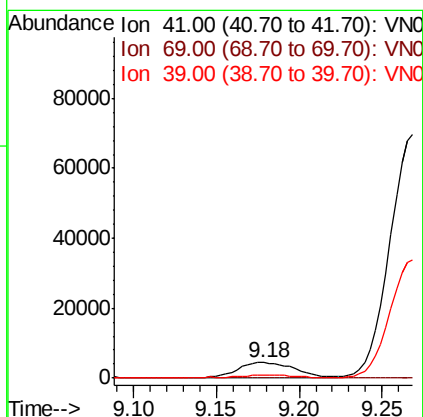
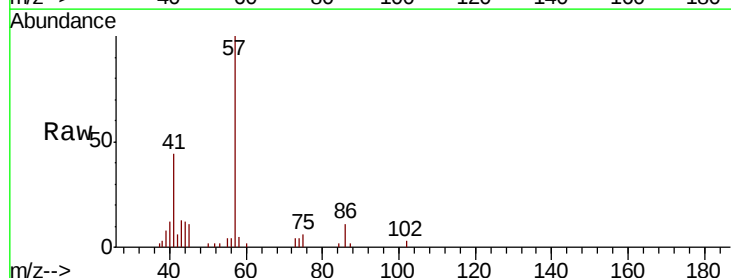
Instrument :
 MSVOA_N
 ClientSampleId :
 PB117322TB

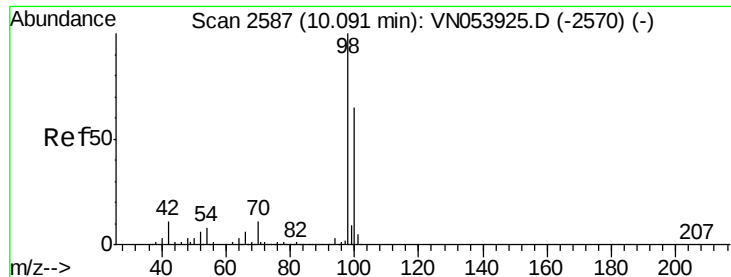
Tgt Ion: 63 Resp: 1826
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.3 36.5#



#48
 Methyl methacrylate
 Concen: 1.954 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. -0.02 min
 Lab File: VN053933.D
 Acq: 25 Feb 2019 16:56

Tgt Ion: 41 Resp: 11087
 Ion Ratio Lower Upper
 41 100
 69 0.0 74.8 112.2#
 39 0.0 39.0 58.6#





#50

Toluene-d8

Concen: 52.913 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053933.D

Acq: 25 Feb 2019 16:56

Instrument :

MSVOA_N

ClientSampleId :

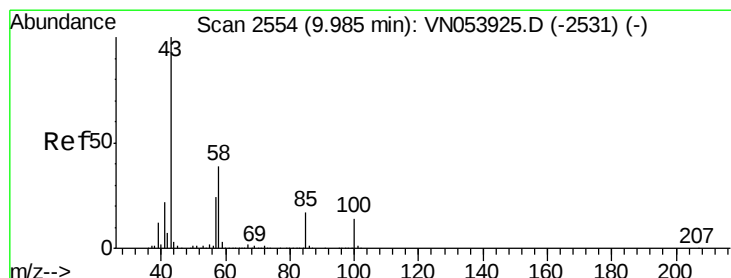
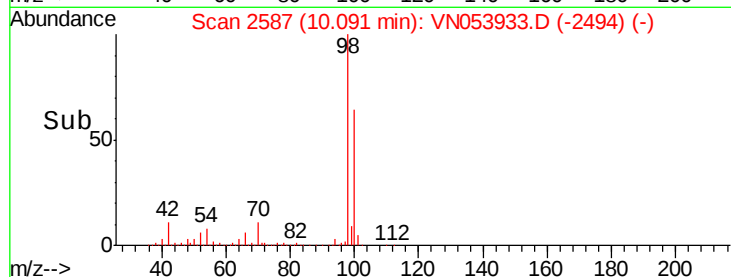
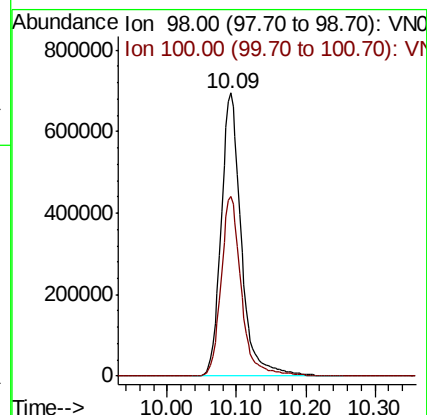
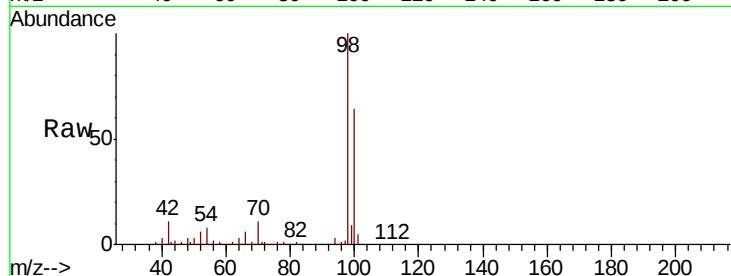
PB117322TB

Tgt Ion: 98 Resp: 1401721

Ion Ratio Lower Upper

98 100

100 63.9 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 1.503 ug/l

RT: 10.02 min Scan# 2565

Delta R.T. 0.04 min

Lab File: VN053933.D

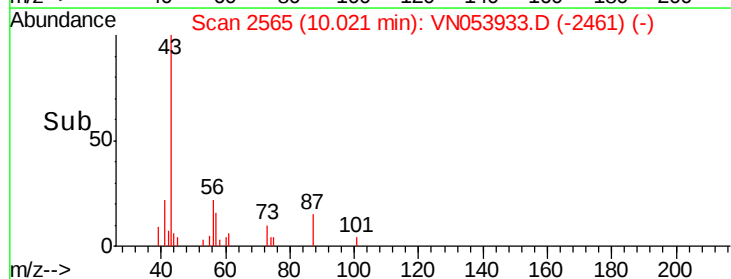
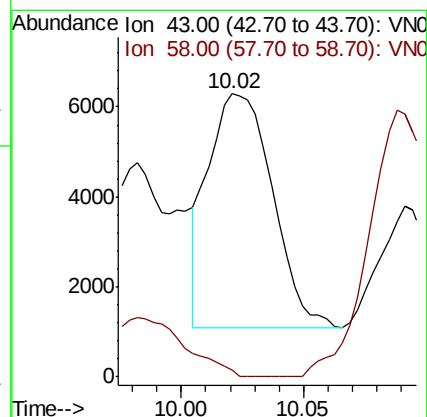
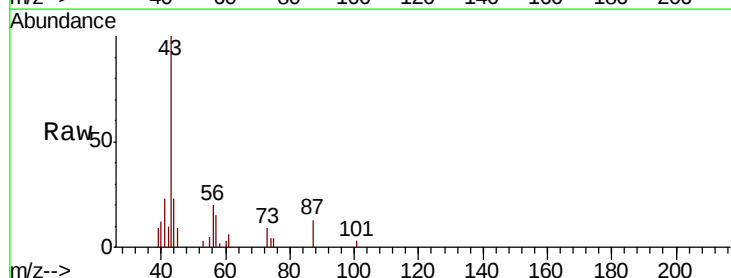
Acq: 25 Feb 2019 16:56

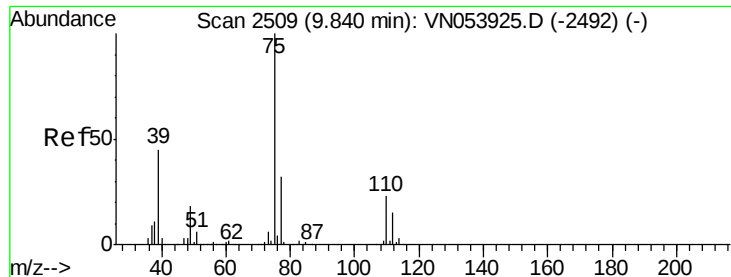
Tgt Ion: 43 Resp: 9531

Ion Ratio Lower Upper

43 100

58 0.0 32.7 49.1#





#54

cis-1,3-Dichloropropene

Concen: 5.853 ug/l

RT: 9.90 min Scan# 2528

Delta R.T. 0.06 min

Lab File: VN053933.D

Acq: 25 Feb 2019 16:56

Instrument :

MSVOA_N

ClientSampleId :

PB117322TB

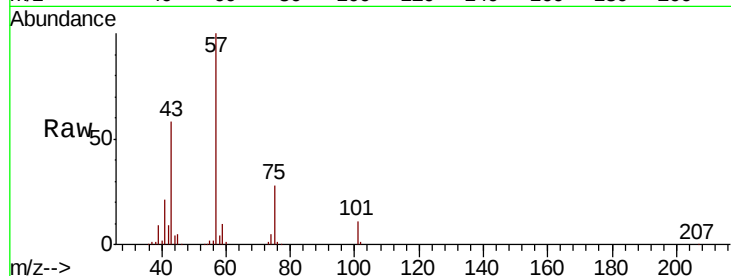
Tgt Ion: 75 Resp: 69675

Ion Ratio Lower Upper

75 100

77 0.4 25.8 38.6#

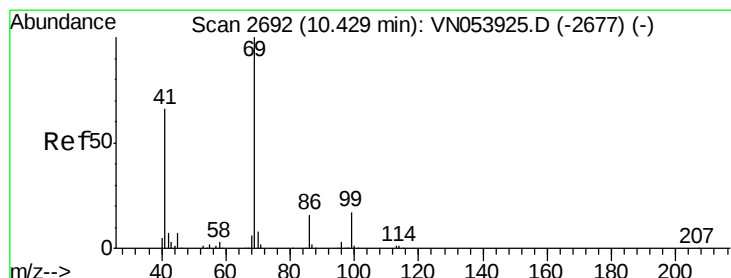
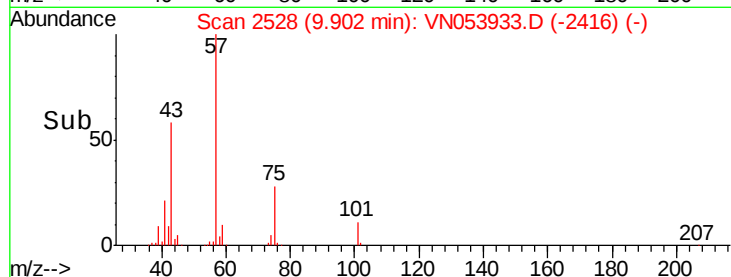
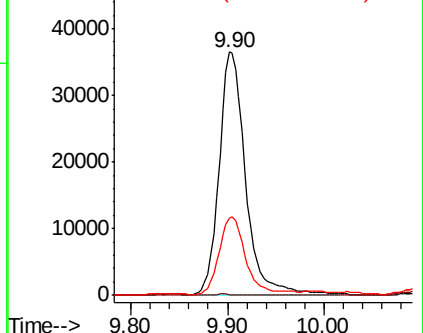
39 31.9 31.4 47.0



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



#56

Ethyl methacrylate

Concen: 1.986 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. -0.00 min

Lab File: VN053933.D

Acq: 25 Feb 2019 16:56

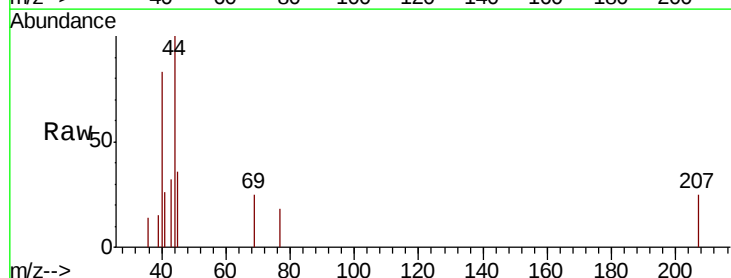
Tgt Ion: 69 Resp: 296

Ion Ratio Lower Upper

69 100

41 0.0 47.5 71.3#

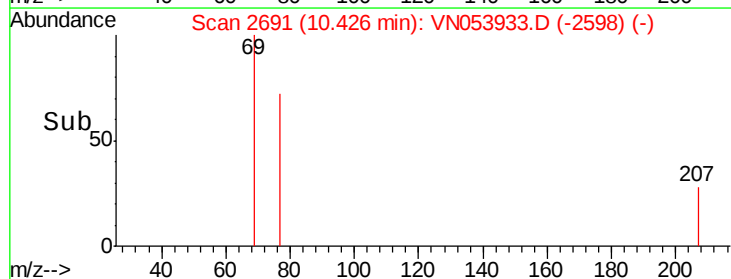
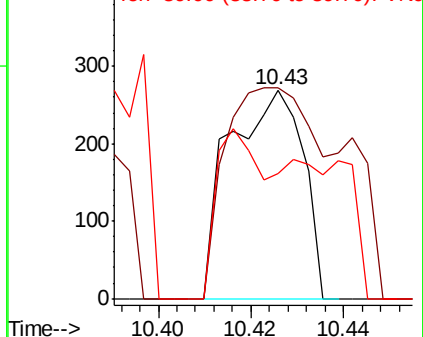
39 0.0 23.4 35.0#

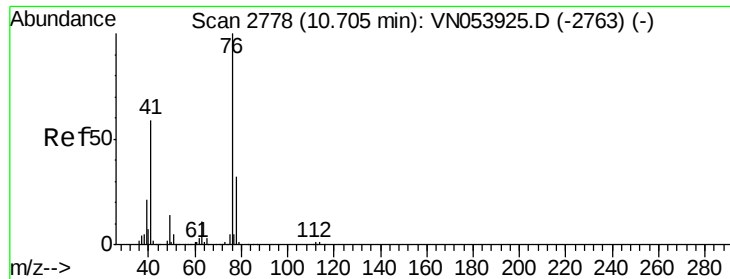


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 1.070 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN053933.D

Acq: 25 Feb 2019 16:56

Instrument :

MSVOA_N

ClientSampleId :

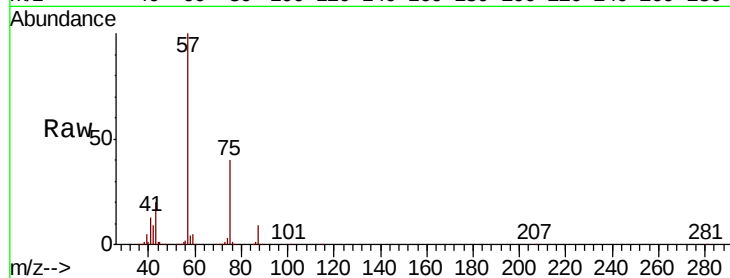
PB117322TB

Tgt Ion: 76 Resp: 12496

Ion Ratio Lower Upper

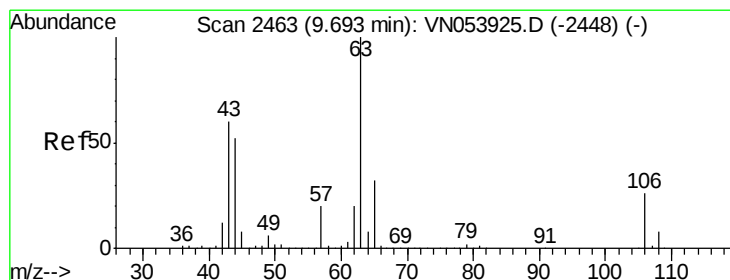
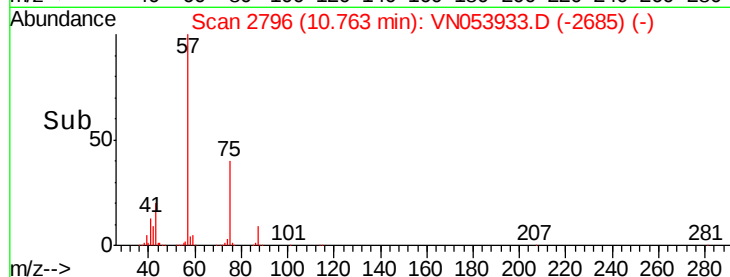
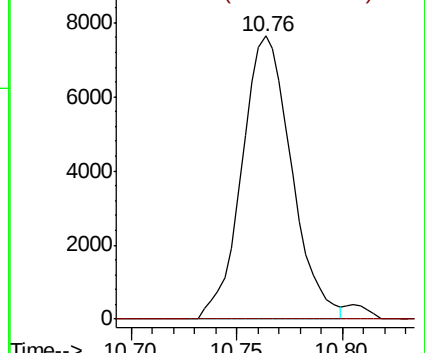
76 100

78 0.0 25.2 37.8#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 13.632 ug/l

RT: 9.69 min Scan# 2461

Delta R.T. -0.01 min

Lab File: VN053933.D

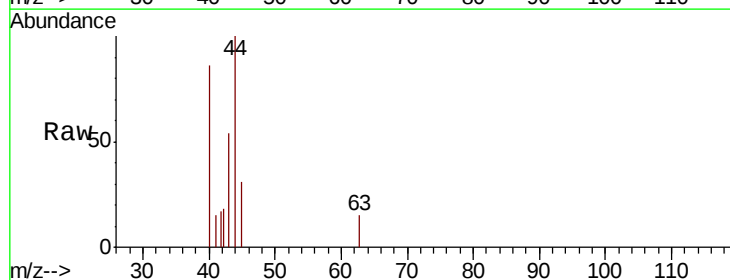
Acq: 25 Feb 2019 16:56

Tgt Ion: 63 Resp: 59

Ion Ratio Lower Upper

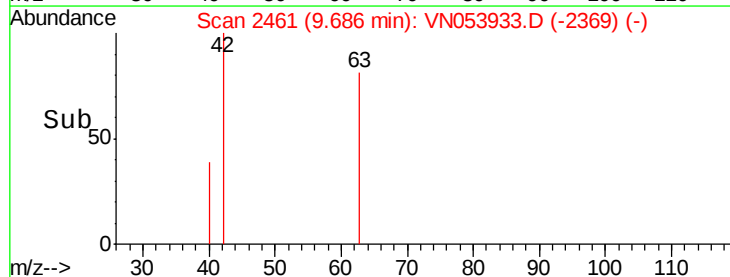
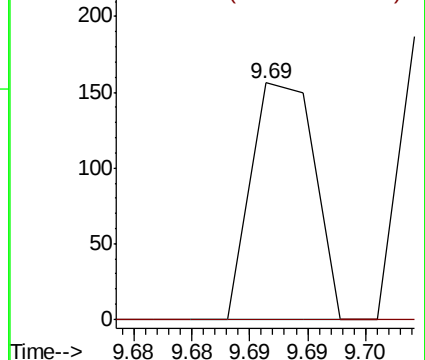
63 100

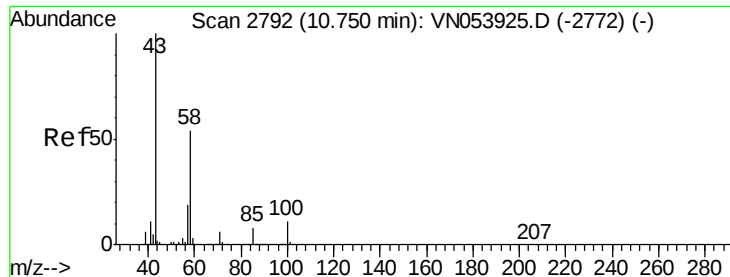
106 0.0 22.2 33.2#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

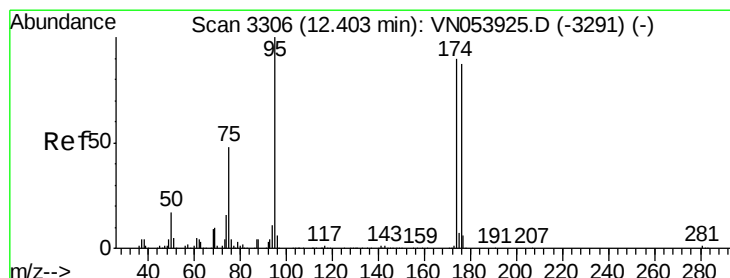
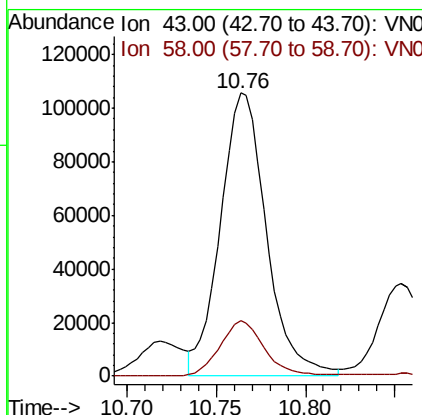
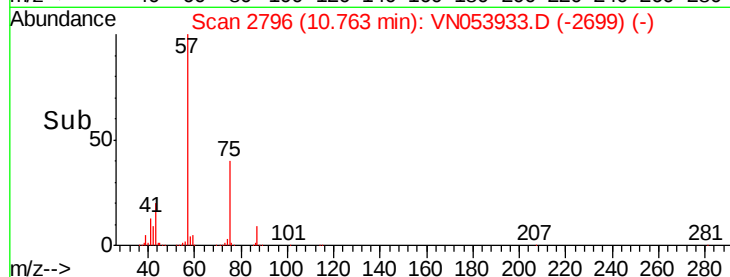
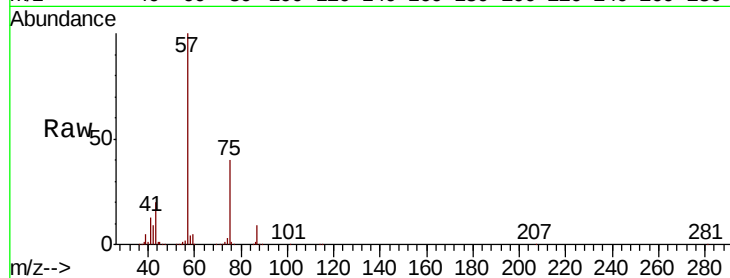




#59
2-Hexanone
Concen: 45.723 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN053933.D
Acq: 25 Feb 2019 16:56

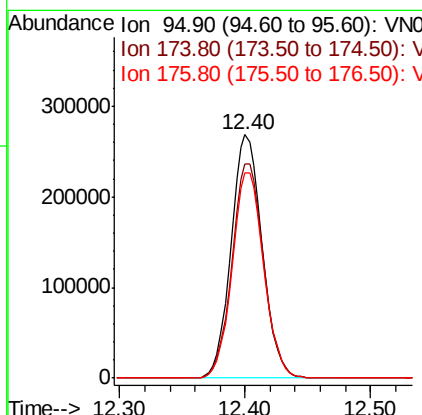
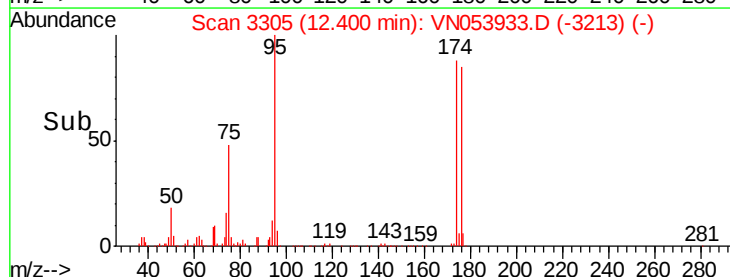
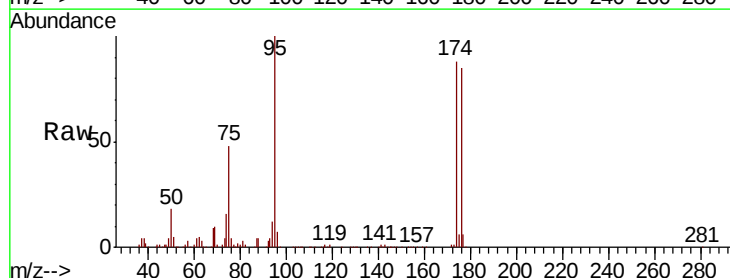
Instrument :
MSVOA_N
ClientSampled :
PB117322TB

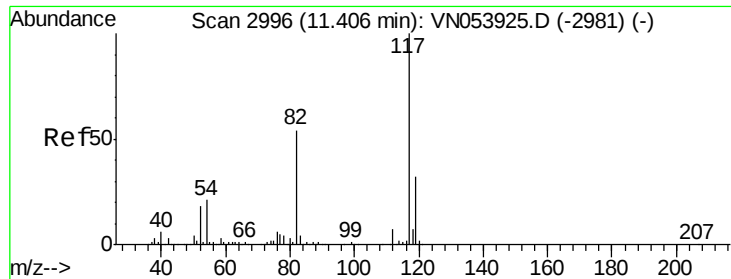
Tgt Ion: 43 Resp: 188540
Ion Ratio Lower Upper
43 100
58 19.4 29.1 87.4#



#62
4-Bromofluorobenzene
Concen: 52.149 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053933.D
Acq: 25 Feb 2019 16:56

Tgt Ion: 95 Resp: 460264
Ion Ratio Lower Upper
95 100
174 89.7 0.0 188.8
176 85.8 0.0 182.6

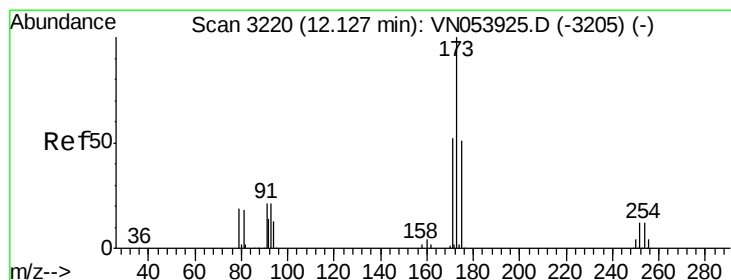
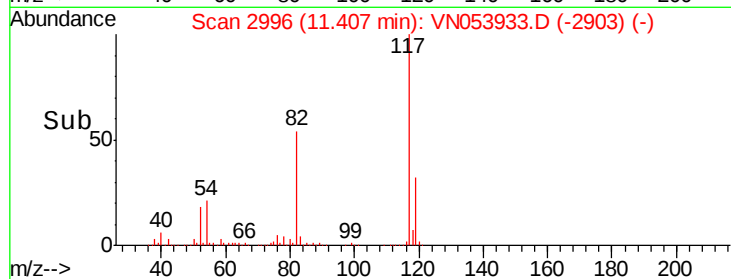
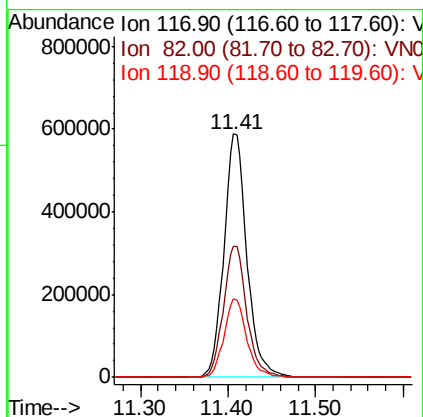
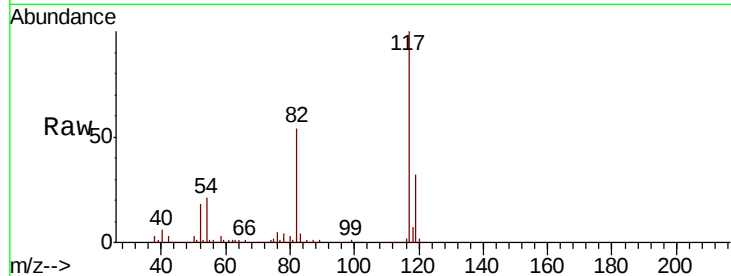




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053933.D
Acq: 25 Feb 2019 16:56

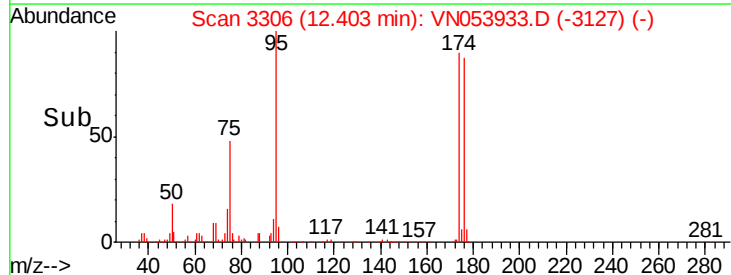
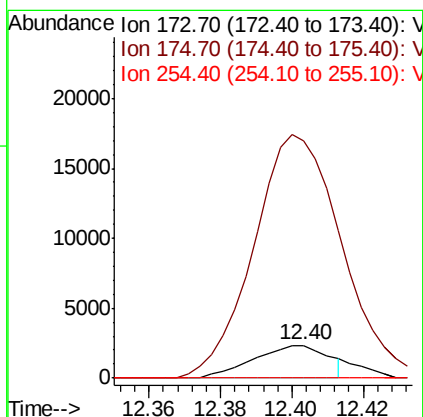
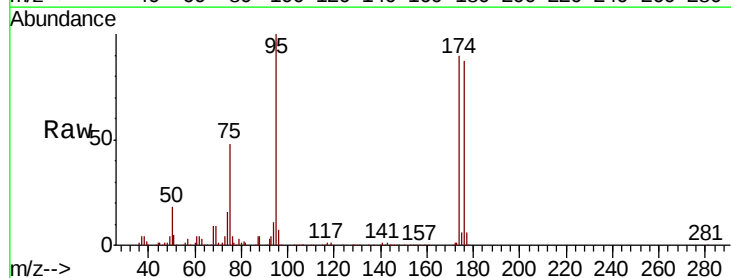
Instrument :
MSVOA_N
ClientSampleId :
PB117322TB

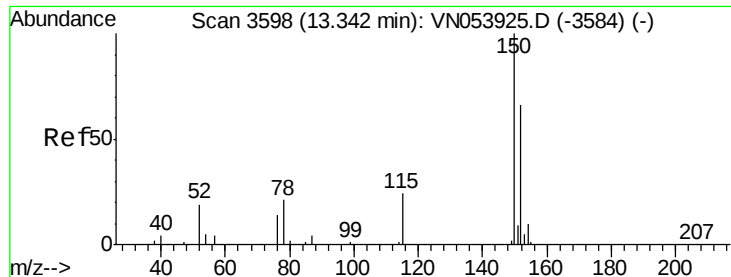
Tgt Ion:117 Resp: 1071108
Ion Ratio Lower Upper
117 100
82 54.1 41.4 62.2
119 32.0 25.3 37.9



#71
Bromoform
Concen: 0.598 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN053933.D
Acq: 25 Feb 2019 16:56

Tgt Ion:173 Resp: 3390
Ion Ratio Lower Upper
173 100
175 757.1 24.3 72.8#
254 0.0 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN053933.D

Acq: 25 Feb 2019 16:56

Instrument :

MSVOA_N

ClientSampleId :

PB117322TB

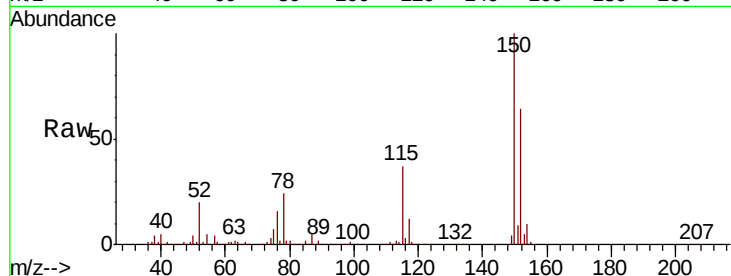
Tgt Ion:152 Resp: 396493

Ion Ratio Lower Upper

152 100

115 57.3 27.2 81.6

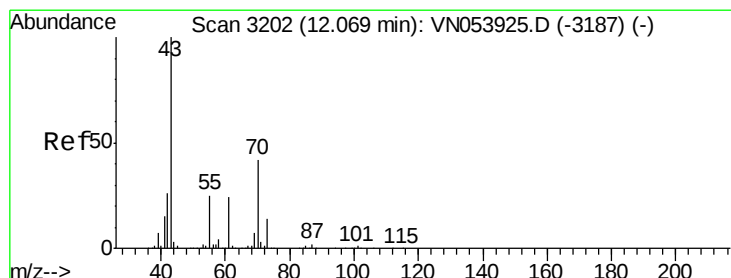
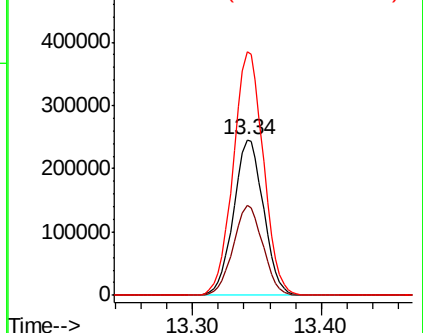
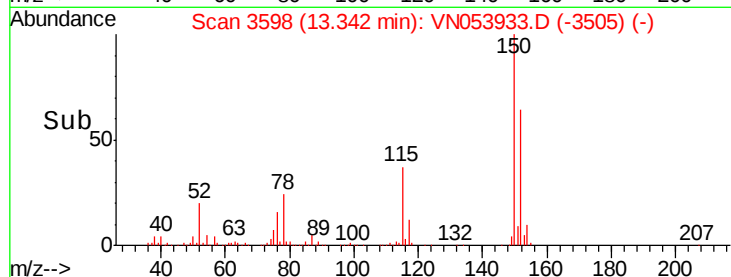
150 157.3 0.0 348.2



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



#74

N-ethyl acetate

Concen: 0.214 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN053933.D

Acq: 25 Feb 2019 16:56

Tgt Ion: 43 Resp: 1729

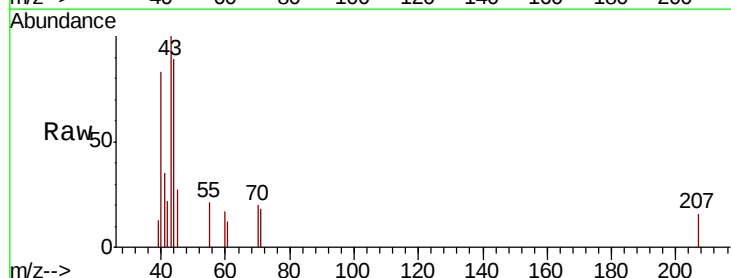
Ion Ratio Lower Upper

43 100

70 23.3 37.4 56.2#

55 15.1 21.4 32.0#

61 0.0 20.9 31.3#

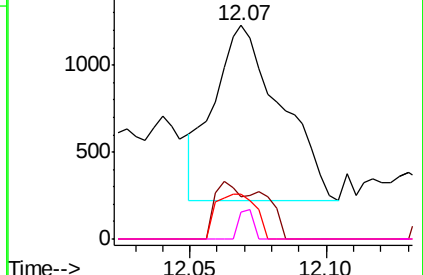
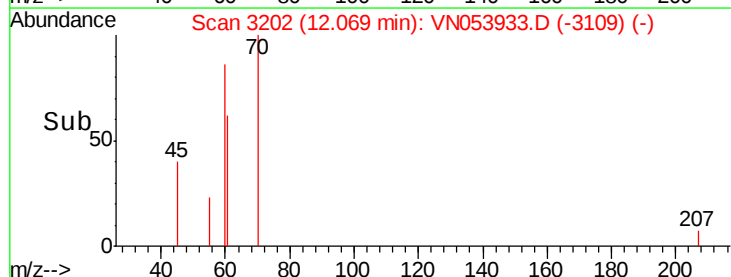


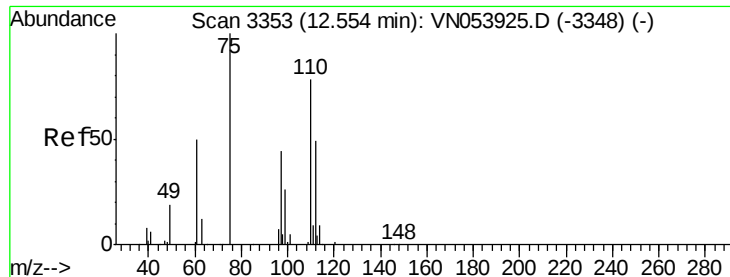
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 35.137 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053933.D

Acq: 25 Feb 2019 16:56

Instrument :

MSVOA_N

ClientSampleId :

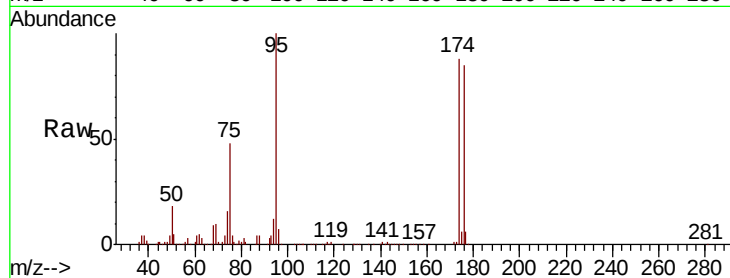
PB117322TB

Tgt Ion: 75 Resp: 223489

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN053933.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN053933.D (-3260) (-)

12.40

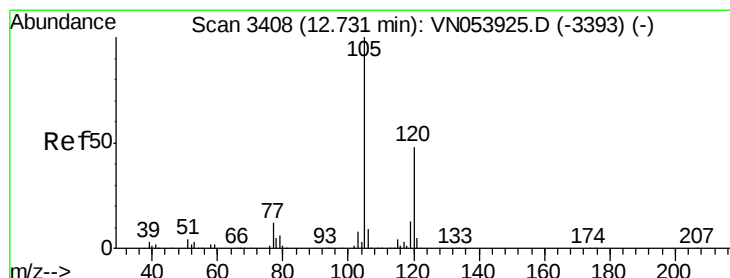
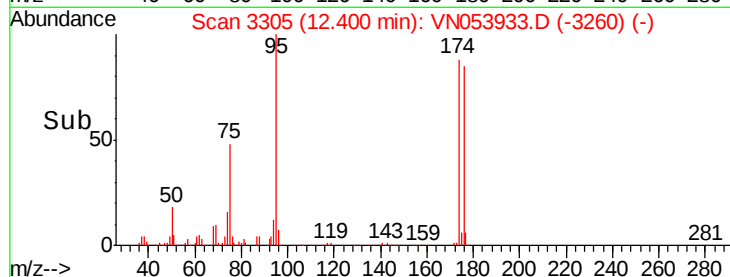
100000

50000

0

12.35 12.40 12.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.388 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053933.D

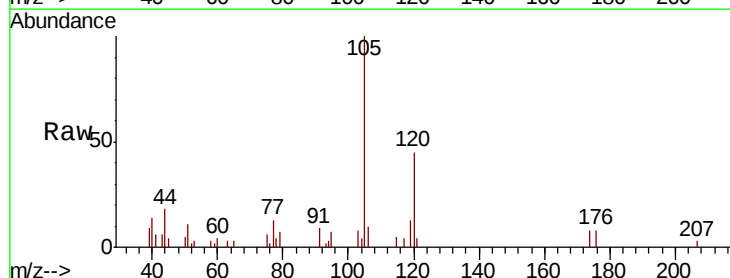
Acq: 25 Feb 2019 16:56

Tgt Ion: 105 Resp: 9814

Ion Ratio Lower Upper

105 100

120 45.9 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): VN053933.D (-3315) (-)

Ion 120.00 (119.70 to 120.70): VN053933.D (-3315) (-)

12.73

6000

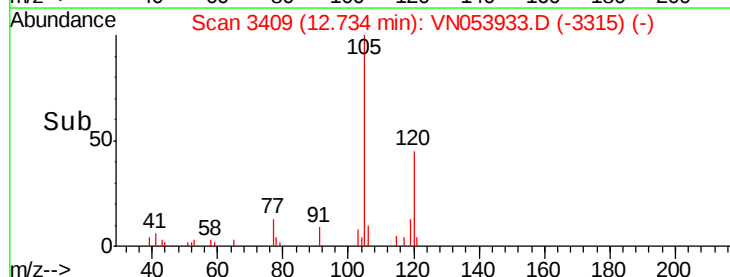
4000

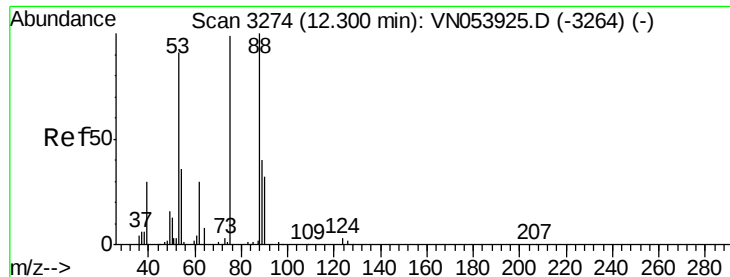
2000

0

12.70 12.75

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 111.056 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053933.D

Acq: 25 Feb 2019 16:56

Instrument :

MSVOA_N

ClientSampleId :

PB117322TB

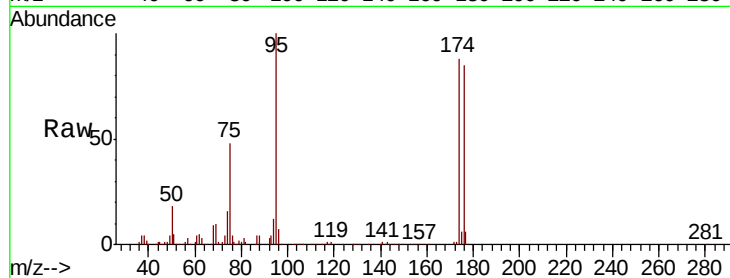
Tgt Ion: 75 Resp: 223489

Ion Ratio Lower Upper

75 100

53 0.0 68.6 102.8#

89 0.0 35.3 52.9#



Abundance Ion 74.90 (74.60 to 75.60): VN053933.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN053933.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN053933.D (-3181) (-)

150000

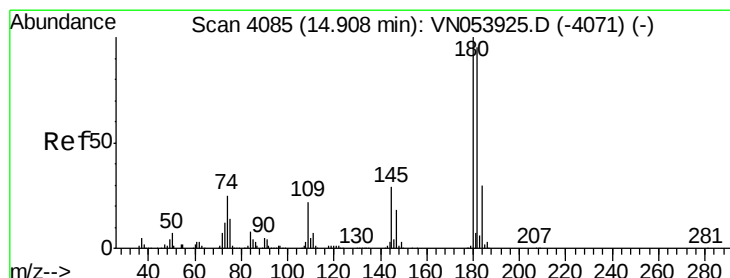
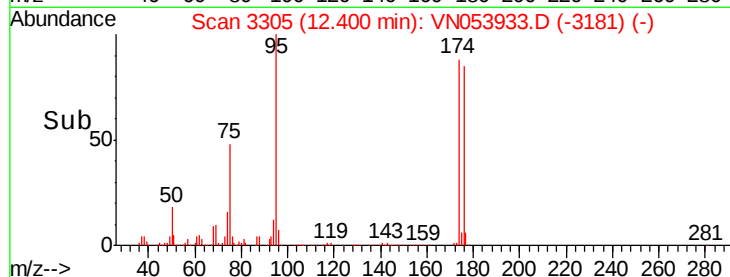
100000

50000

0

12.35 12.40 12.45

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 2.561 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN053933.D

Acq: 25 Feb 2019 16:56

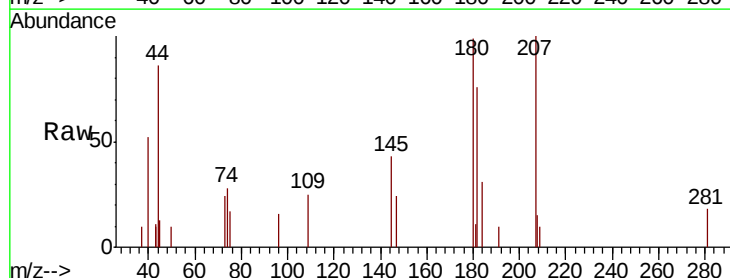
Tgt Ion: 180 Resp: 2583

Ion Ratio Lower Upper

180 100

182 88.0 48.6 145.9

145 30.5 13.8 41.3



Abundance Ion 179.80 (179.50 to 180.50): VN053933.D (-3991) (-)

Ion 181.80 (181.50 to 182.50): VN053933.D (-3991) (-)

Ion 144.80 (144.50 to 145.50): VN053933.D (-3991) (-)

2000

1500

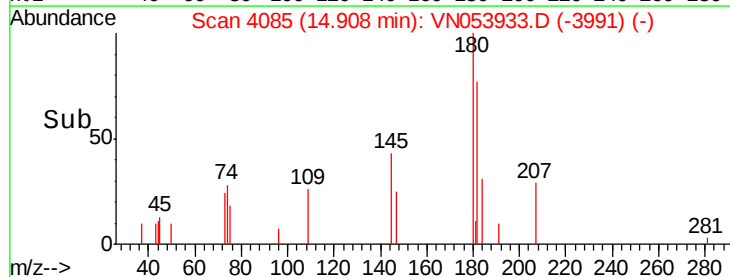
1000

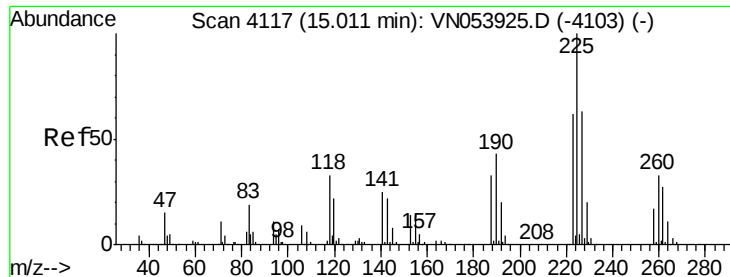
500

0

14.90 14.91 14.95

Time-->





#94

Hexachlorobutadiene

Concen: 0.210 ug/l

RT: 15.01 min Scan# 4116

Delta R.T. -0.00 min

Lab File: VN053933.D

Acq: 25 Feb 2019 16:56

Instrument :

MSVOA_N

ClientSampled :

PB117322TB

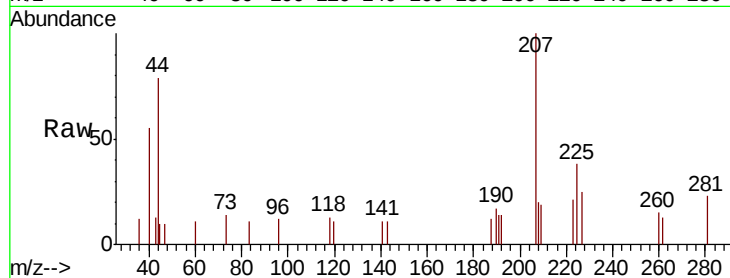
Tgt Ion:225 Resp: 996

Ion Ratio Lower Upper

225 100

223 57.1 30.9 92.5

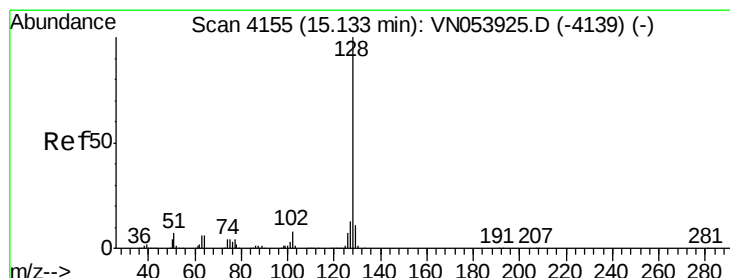
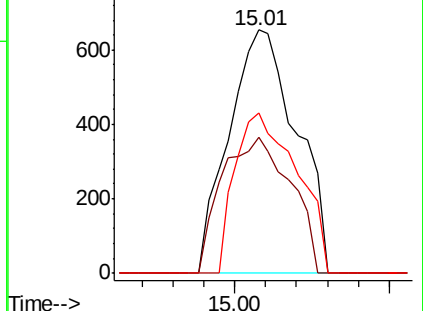
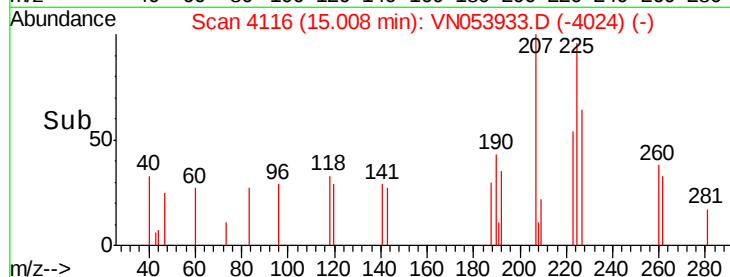
227 60.2 32.5 97.4



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: 3.655 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053933.D

Acq: 25 Feb 2019 16:56

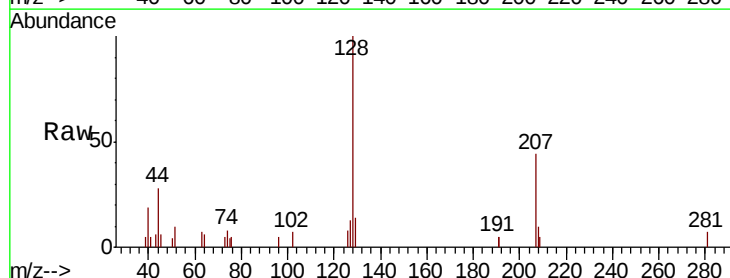
Tgt Ion:128 Resp: 7443

Ion Ratio Lower Upper

128 100

127 10.5 10.2 15.2

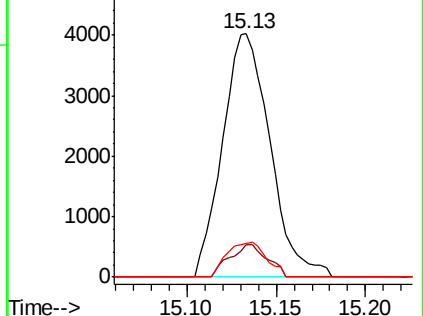
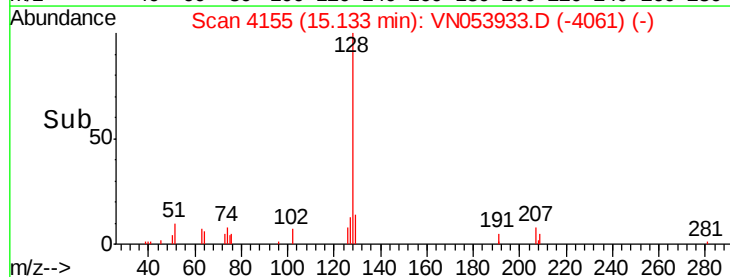
129 11.8 8.6 12.8

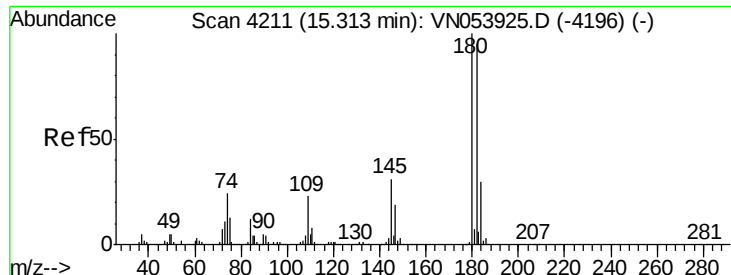


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

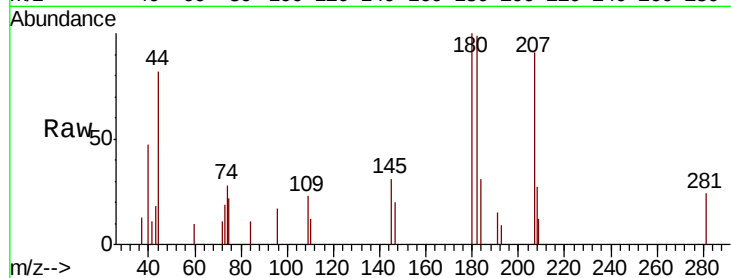




#96
 1,2,3-Trichlorobenzene
 Concen: 1.991 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. 0.00 min
 Lab File: VN053933.D
 Acq: 25 Feb 2019 16:56

Instrument :
 MSVOA_N
 ClientSampleId :
 PB117322TB

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.0	47.3	141.8
145	28.7	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

