

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040519\
 Data File : VN054973.D
 Acq On : 5 Apr 2019 15:46
 Operator : JC/SP
 Sample : K2296-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 05 23:34:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N040419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 05 02:23:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	7872	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	13706	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	4828	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	842	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	13746	132.44	ug/l	0.00
Spiked Amount			Recovery	=	264.88%	
35) Dibromofluoromethane	7.59	113	8086	90.63	ug/l	0.00
Spiked Amount			Recovery	=	181.26%	
50) Toluene-d8	10.09	98	9291	27.44	ug/l	0.00
Spiked Amount			Recovery	=	54.88%	
62) 4-Bromofluorobenzene	12.39	95	1140	10.09	ug/l	0.00
Spiked Amount			Recovery	=	20.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.07	50	529	4.251	ug/l #	42
4) Vinyl Chloride	2.00	62	573	5.269	ug/l #	43
5) Bromomethane	2.57	94	262	4.221	ug/l	96
6) Chloroethane	2.88	64	110	1.814	ug/l #	42
13) Acrolein	3.61	56	107	17.127	ug/l #	13
14) Allyl chloride	4.32	41	157	1.019	ug/l #	25
16) Acetone	3.83	43	264	Below Cal	#	40
17) Carbon Disulfide	4.03	76	223	1.010	ug/l #	75
18) Methyl Acetate	4.32	43	447	5.310	ug/l #	76
20) Methylene Chloride	4.56	84	1019	10.578	ug/l #	85
22) Diisopropyl ether	6.00	45	135	0.427	ug/l #	35
23) Vinyl Acetate	5.91	43	74	0.336	ug/l #	76
25) 2-Butanone	6.85	43	116	2.976	ug/l #	53
28) Bromochloromethane	7.18	49	29	0.359	ug/l #	19
29) Tetrahydrofuran	7.23	42	191	7.477	ug/l #	39
31) Cyclohexane	7.66	56	31	Below Cal	#	20
36) 1,1-Dichloropropene	7.67	75	259	1.907	ug/l #	42
37) Ethyl Acetate	6.94	43	65	0.697	ug/l #	71
38) Carbon Tetrachloride	7.66	117	676	5.154	ug/l #	14
41) Methacrylonitrile	7.17	41	66	1.239	ug/l #	1
43) Isopropyl Acetate	8.29	43	8693	55.345	ug/l #	64
48) Methyl methacrylate	9.21	41	212	2.666	ug/l #	45
51) 4-Methyl-2-Pentanone	9.99	43	276	3.150	ug/l #	39
53) t-1,3-Dichloropropene	10.38	75	30	2.242	ug/l #	44
58) 2-Chloroethyl Vinyl ether	9.73	63	63	11.102	ug/l #	51
59) 2-Hexanone	10.72	43	68	1.242	ug/l #	28
74) N-amyl acetate	12.08	43	251	12.696	ug/l #	46
76) 1,2,3-Trichloropropane	12.41	75	305	21.417	ug/l #	100
78) n-propylbenzene	12.59	91	66	0.842	ug/l #	53
79) 2-Chlorotoluene	12.59	91	66	1.359	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.73	105	113	1.934	ug/l #	29
81) trans-1,4-Dichloro-2-buten	12.39	75	269	73.797	ug/l #	4
82) 4-Chlorotoluene	12.77	91	37	0.805	ug/l #	41
84) 1,2,4-Trimethylbenzene	13.04	105	60	1.062	ug/l #	31

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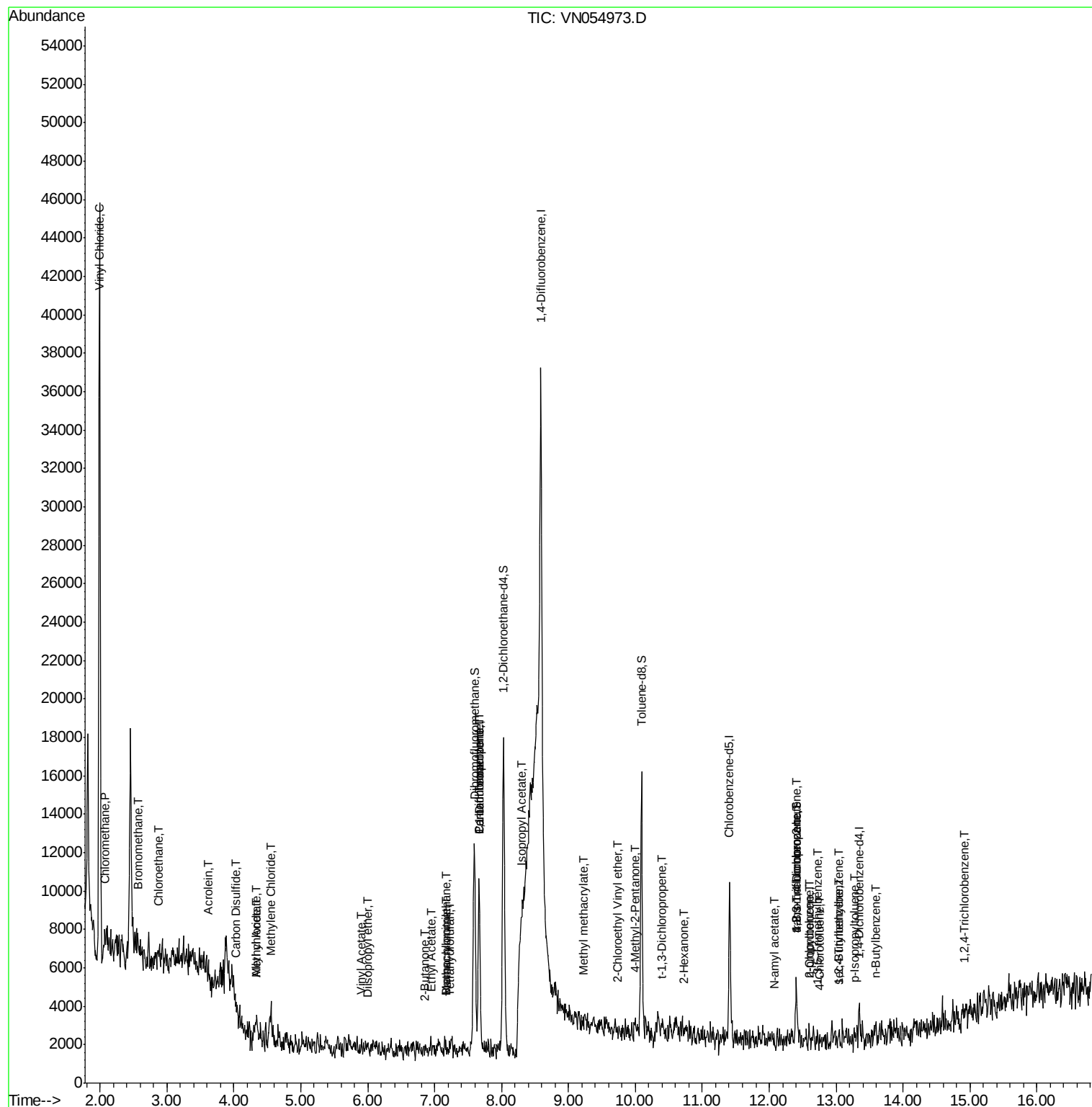
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	13.04	105	60	0.934	ug/l #	57
86) p-Isopropyltoluene	13.28	119	150	2.709	ug/l #	50
89) n-Butylbenzene	13.61	91	29	0.655	ug/l #	34
93) 1,2,4-Trichlorobenzene	14.92	180	30	4.395	ug/l #	12

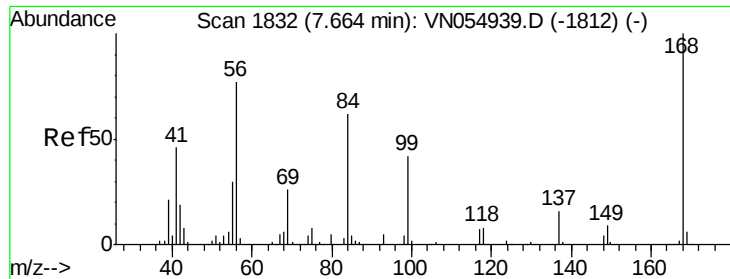
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN054973.D

Acq: 5 Apr 2019 15:46

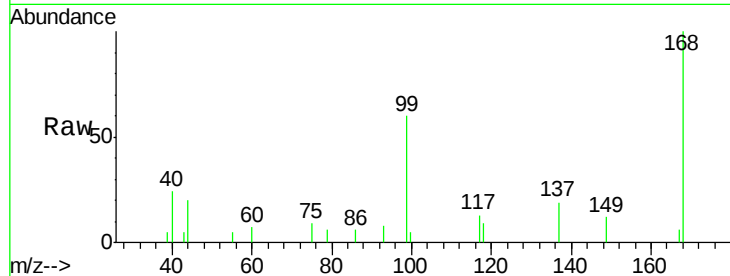
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 7872

Ion Ratio Lower Upper

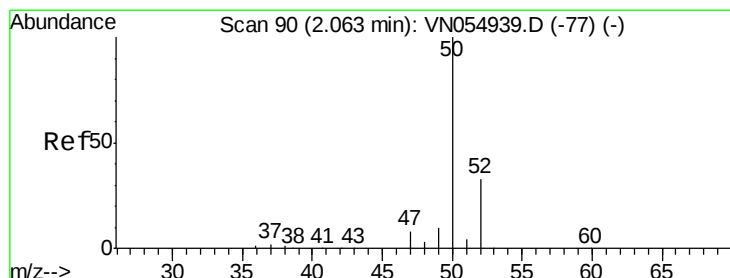
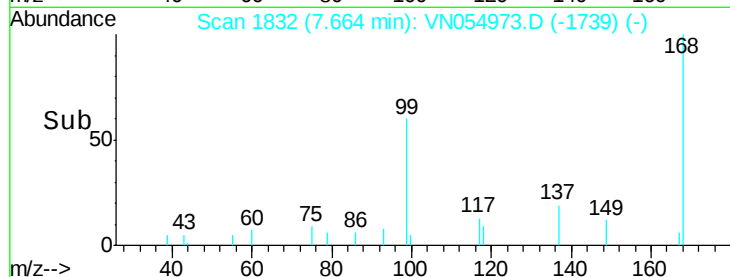
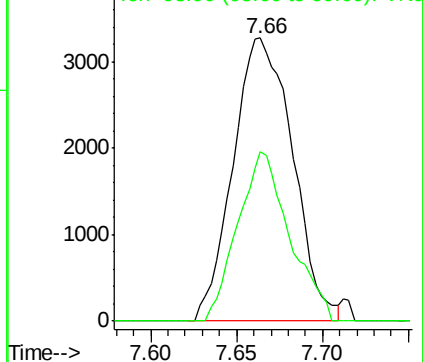
168 100

99 59.8 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#3

Chloromethane

Concen: 4.251 ug/l

RT: 2.07 min Scan# 93

Delta R.T. 0.01 min

Lab File: VN054973.D

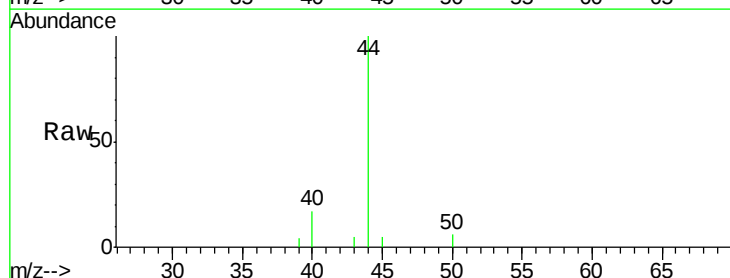
Acq: 5 Apr 2019 15:46

Tgt Ion: 50 Resp: 529

Ion Ratio Lower Upper

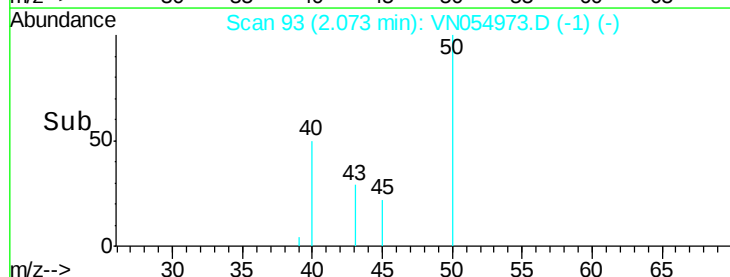
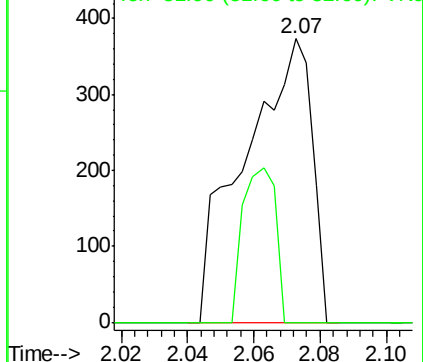
50 100

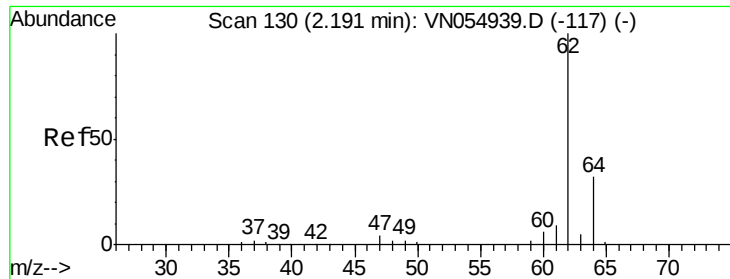
52 0.0 26.2 39.4#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO





#4

Vinyl Chloride

Concen: 5.269 ug/l

RT: 2.00 min Scan# 69

Delta R.T. -0.20 min

Lab File: VN054973.D

Acq: 5 Apr 2019 15:46

Instrument :

MSVOA_N

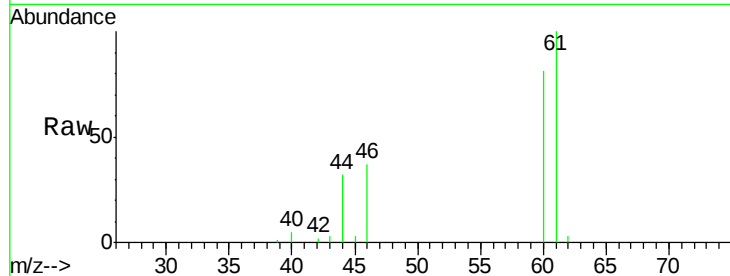
ClientSampled :

Tot Ion: 62 Resp: 573

Ion Ratio Lower Upper

62 100

64 0.0 25.5 38.3#



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.00

400

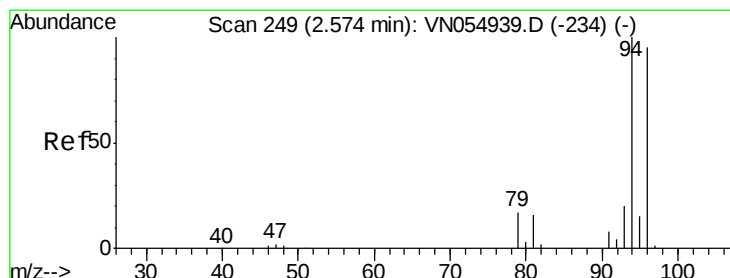
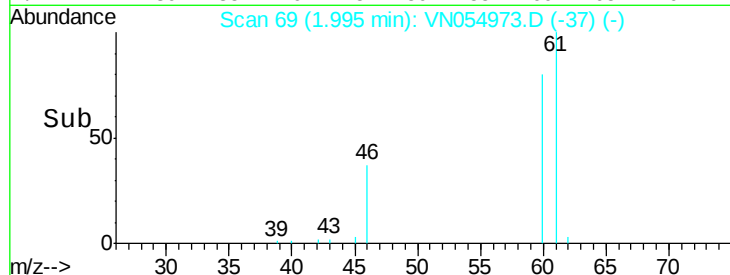
300

200

100

0

Time-->



#5

Bromomethane

Concen: 4.221 ug/l

RT: 2.57 min Scan# 249

Delta R.T. 0.00 min

Lab File: VN054973.D

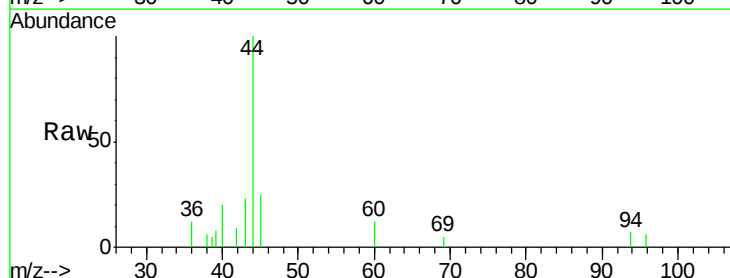
Acq: 5 Apr 2019 15:46

Tgt Ion: 94 Resp: 262

Ion Ratio Lower Upper

94 100

96 90.3 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

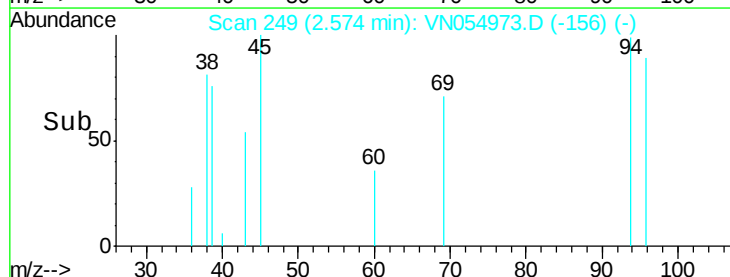
300

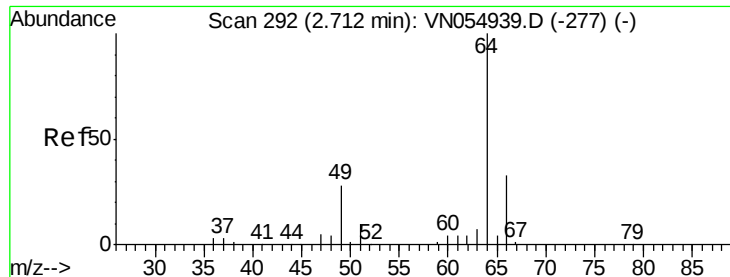
200

100

0

Time-->





#6

Chloroethane

Concen: 1.814 ug/l

RT: 2.88 min Scan# 343

Delta R.T. 0.16 min

Lab File: VN054973.D

Acq: 5 Apr 2019 15:46

Instrument :

MSVOA_N

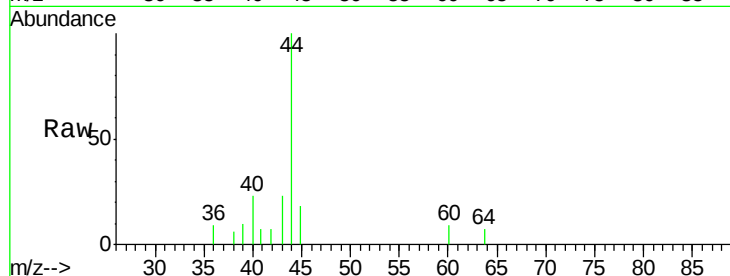
ClientSampleId :

Tot Ion: 64 Resp: 110

Ion Ratio Lower Upper

64 100

66 0.0 26.2 39.4#



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO

2.88

200

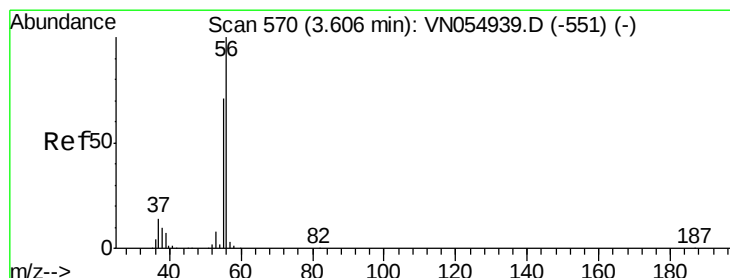
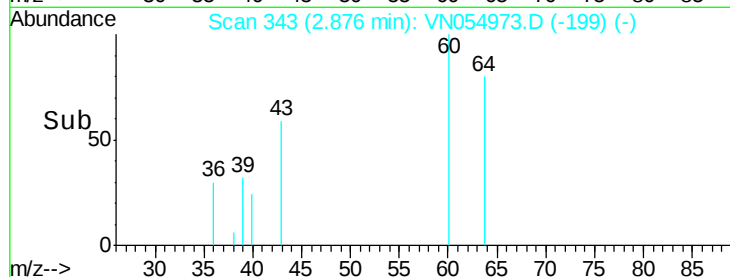
150

100

50

0

Time-->



#13

Acrolein

Concen: 17.127 ug/l

RT: 3.61 min Scan# 572

Delta R.T. 0.01 min

Lab File: VN054973.D

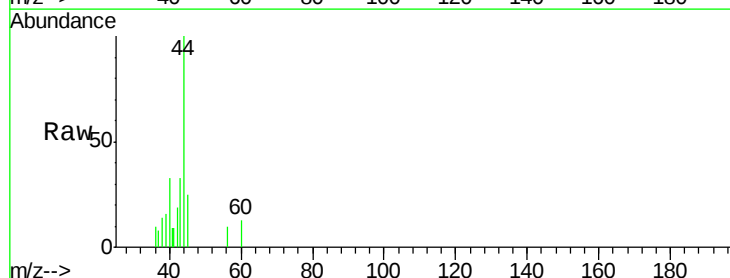
Acq: 5 Apr 2019 15:46

Tgt Ion: 56 Resp: 107

Ion Ratio Lower Upper

56 100

55 0.0 58.6 87.8#



Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

3.61

200

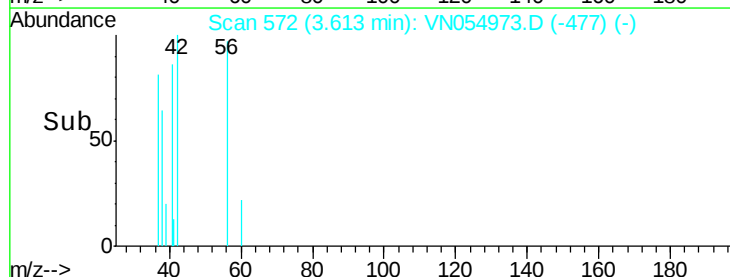
150

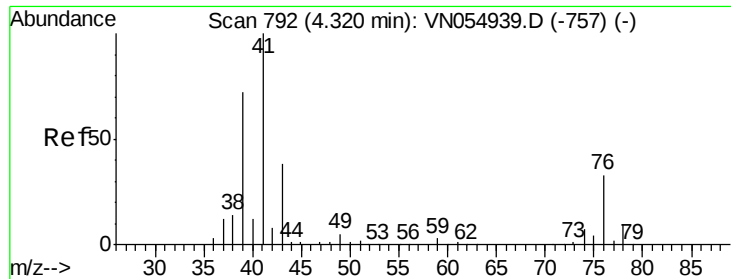
100

50

0

Time-->





#14

Allvl chloride

Concen: 1.019 ug/l

RT: 4.32 min Scan# 791

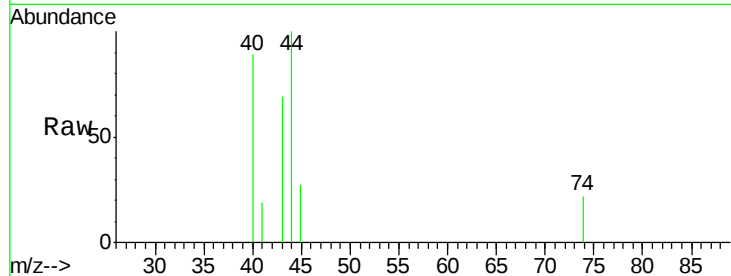
Delta R.T. -0.00 min

Lab File: VN054973.D

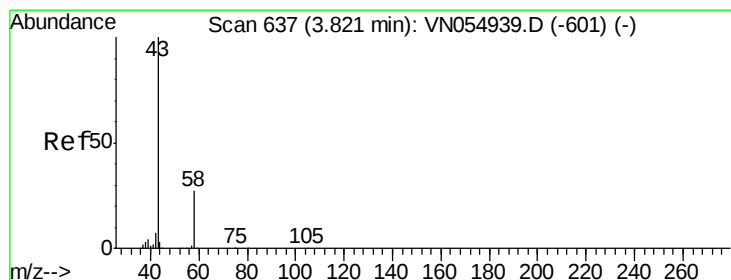
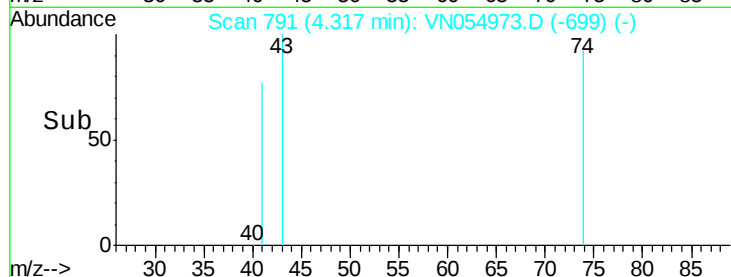
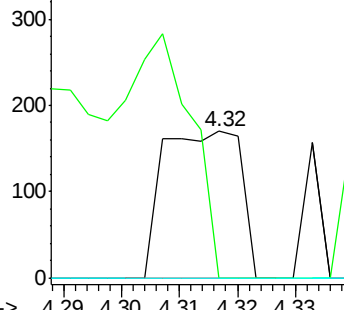
Acq: 5 Apr 2019 15:46

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 157
Ion Ratio Lower Upper
41 100
39 136.9 55.4 83.2#
76 0.0 23.8 35.8#



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 75.90 (75.60 to 76.60): VNO



#16

Acetone

Concen: Below Cal

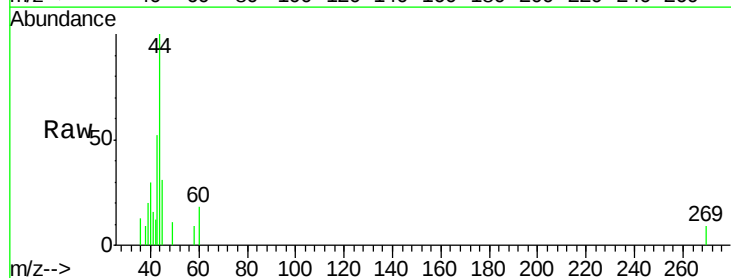
RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

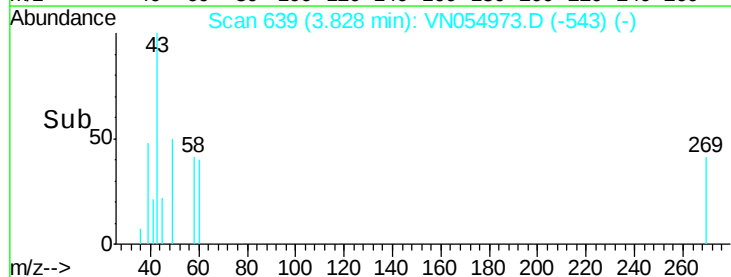
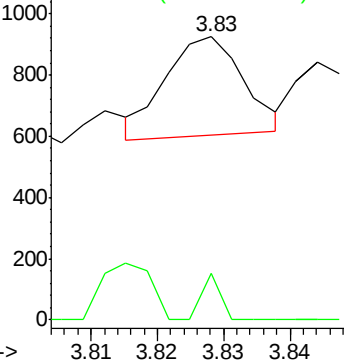
Lab File: VN054973.D

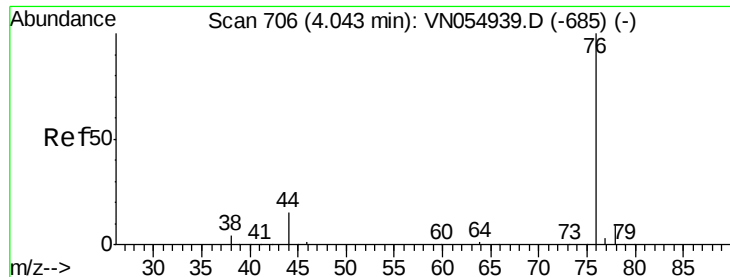
Acq: 5 Apr 2019 15:46

Tgt Ion: 43 Resp: 264
Ion Ratio Lower Upper
43 100
58 58.3 21.7 32.5#



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 58.00 (57.70 to 58.70): VNO





#17

Carbon Disulfide

Concen: 1.010 ug/l

RT: 4.03 min Scan# 702

Delta R.T. -0.01 min

Lab File: VN054973.D

Acq: 5 Apr 2019 15:46

Instrument :

MSVOA_N

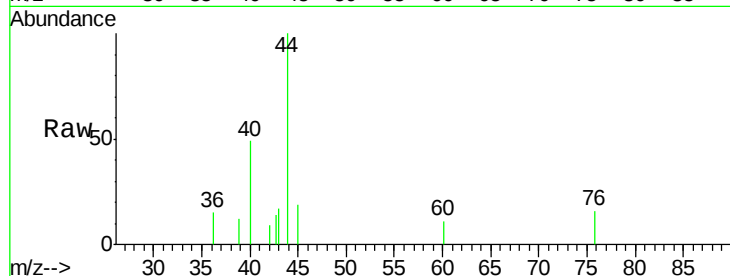
ClientSampled :

Tot Ion: 76 Resp: 223

Ion Ratio Lower Upper

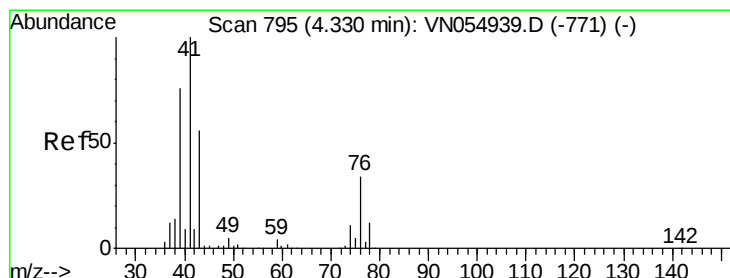
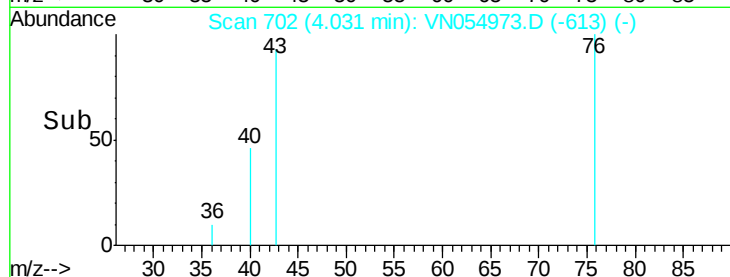
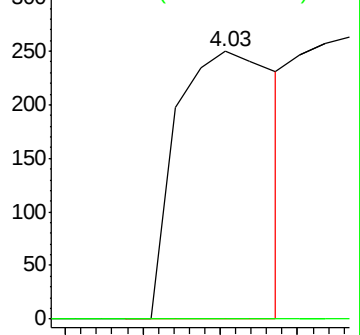
76 100

78 0.0 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 5.310 ug/l

RT: 4.32 min Scan# 792

Delta R.T. -0.01 min

Lab File: VN054973.D

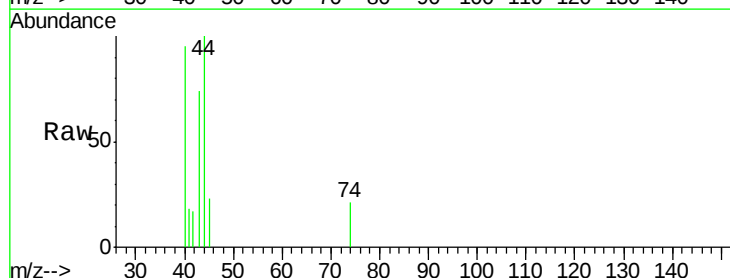
Acq: 5 Apr 2019 15:46

Tgt Ion: 43 Resp: 447

Ion Ratio Lower Upper

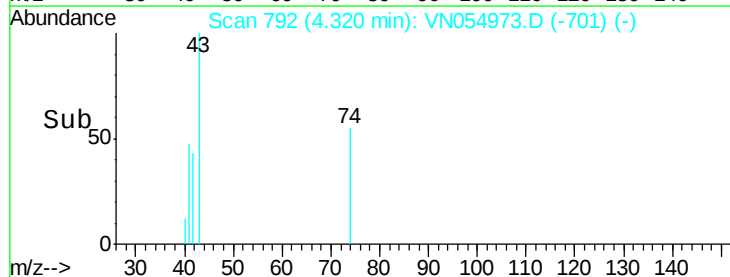
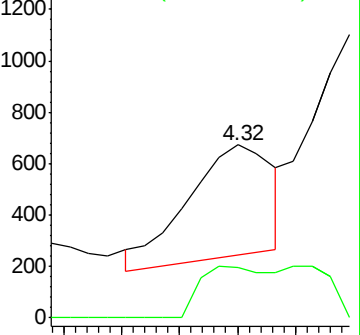
43 100

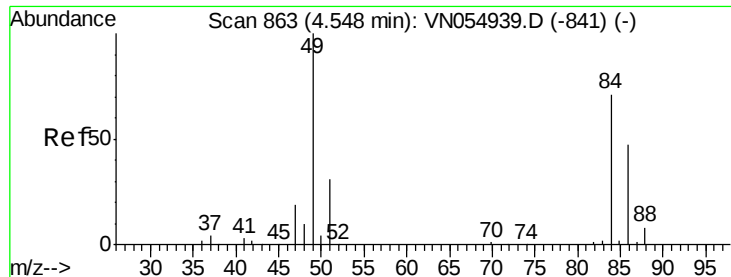
74 31.5 16.4 24.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

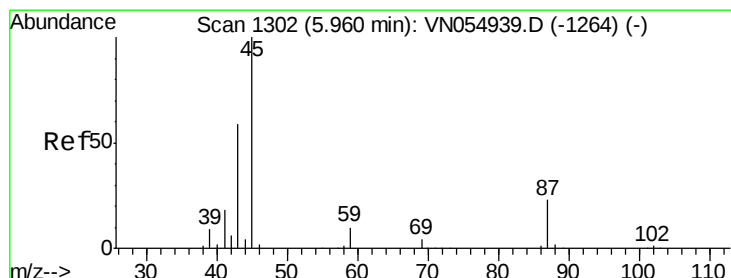
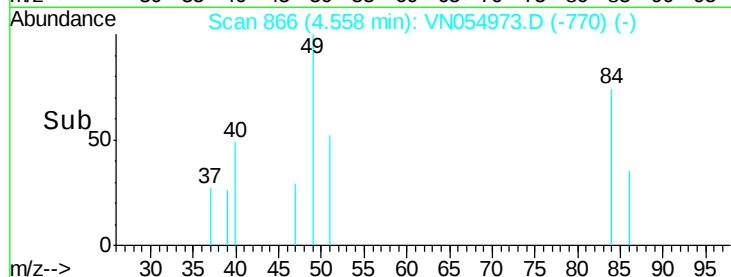
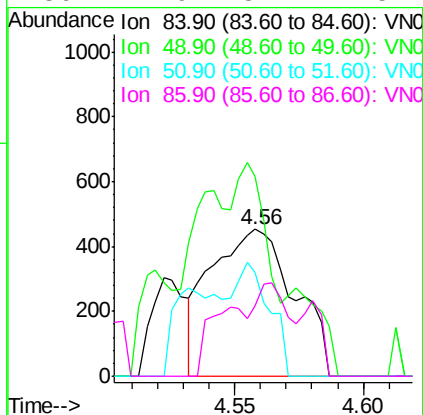
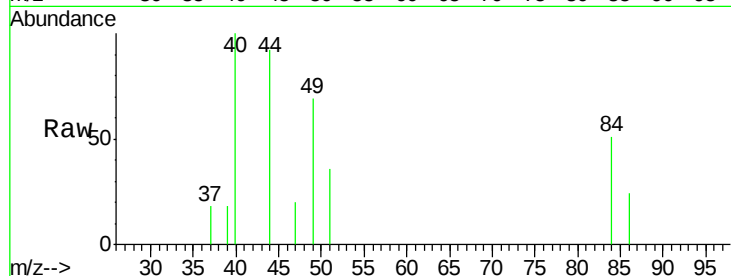




#20
Methvlene Chloride
Concen: 10.578 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN054973.D
Acq: 5 Apr 2019 15:46

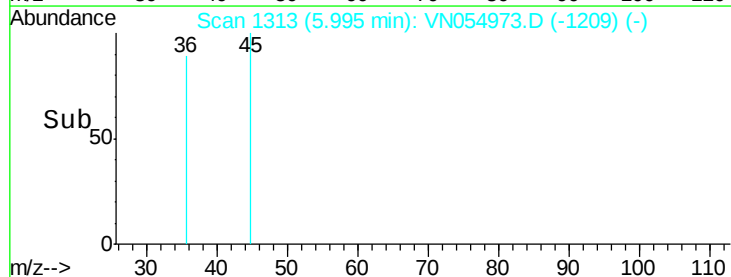
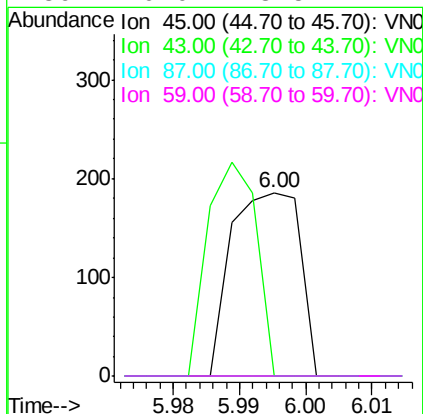
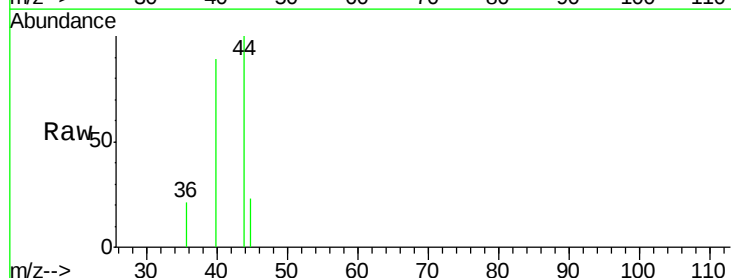
Instrument :
MSVOA_N
ClientSampled :

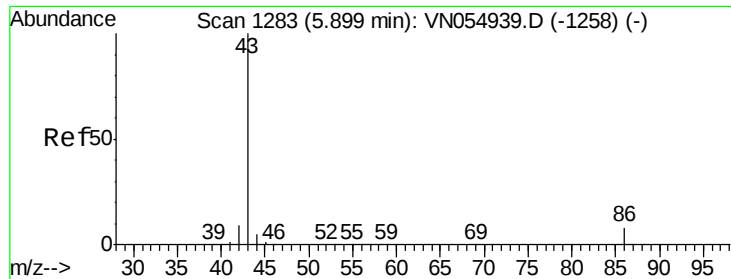
Tot Ion: 84 Resp: 1019
Ion Ratio Lower Upper
84 100
49 136.0 112.1 168.1
51 70.2 34.5 51.7#
86 47.9 52.2 78.4#



#22
Diisopropyl ether
Concen: 0.427 ug/l
RT: 6.00 min Scan# 1313
Delta R.T. 0.04 min
Lab File: VN054973.D
Acq: 5 Apr 2019 15:46

Tgt Ion: 45 Resp: 135
Ion Ratio Lower Upper
45 100
43 0.0 46.9 70.3#
87 0.0 18.6 28.0#
59 0.0 8.5 12.7#





#23

Vinyl Acetate

Concen: 0.336 ug/l

RT: 5.91 min Scan# 1287

Delta R.T. 0.01 min

Lab File: VN054973.D

Acq: 5 Apr 2019 15:46

Instrument :

MSVOA_N

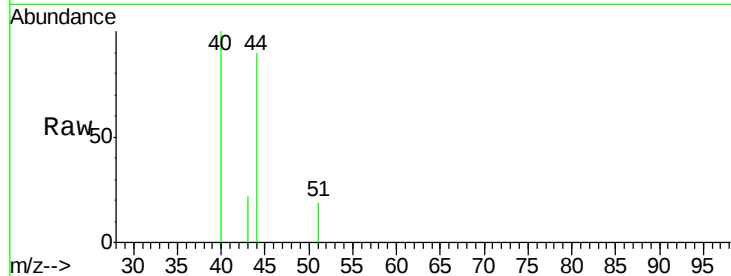
ClientSampleId :

Tot Ion: 43 Resp: 74

Ion Ratio Lower Upper

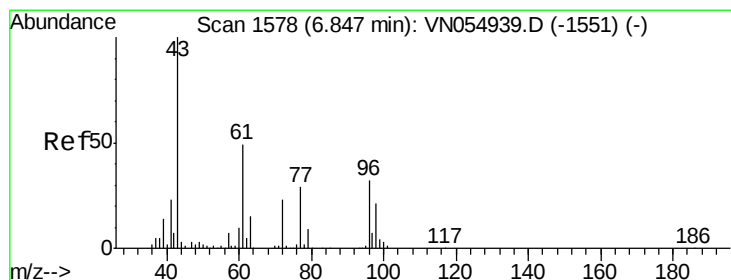
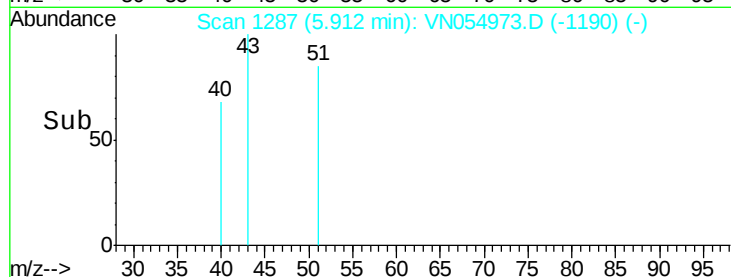
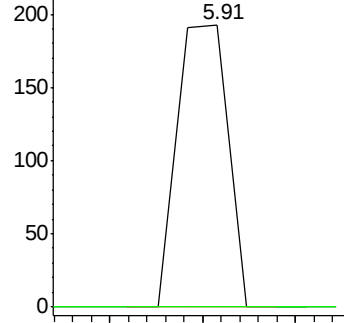
43 100

86 0.0 6.7 10.1#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#25

2-Butanone

Concen: 2.976 ug/l

RT: 6.85 min Scan# 1580

Delta R.T. 0.01 min

Lab File: VN054973.D

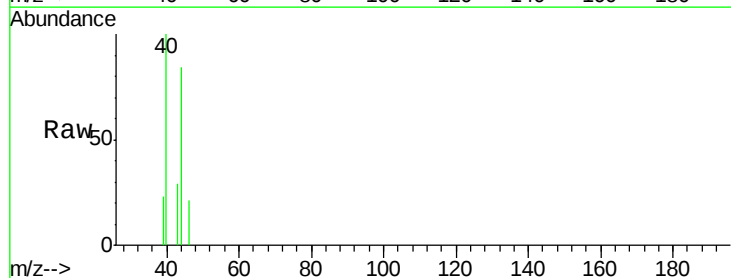
Acq: 5 Apr 2019 15:46

Tgt Ion: 43 Resp: 116

Ion Ratio Lower Upper

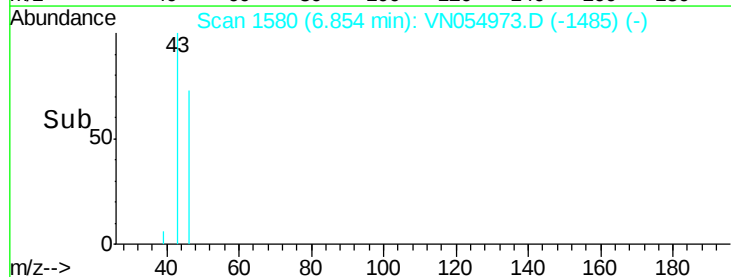
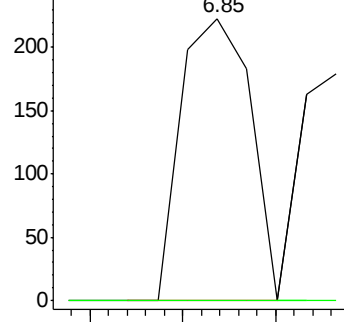
43 100

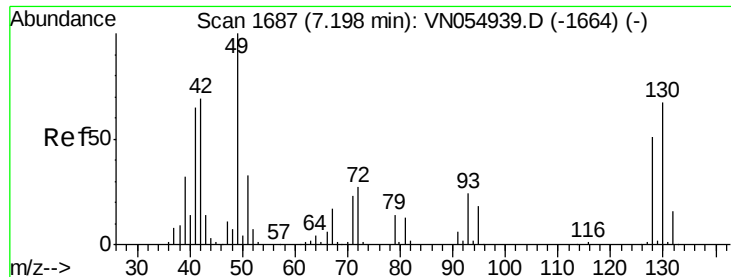
72 0.0 18.3 27.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0





#28

Bromochloromethane

Concen: 0.359 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. -0.02 min

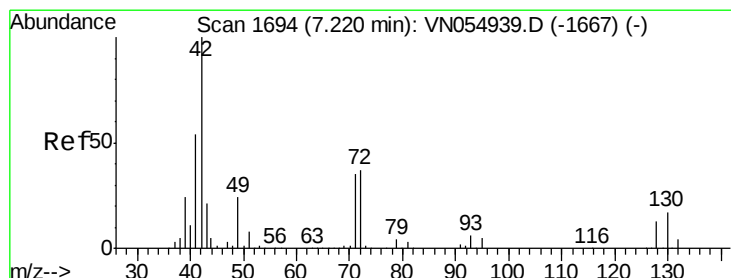
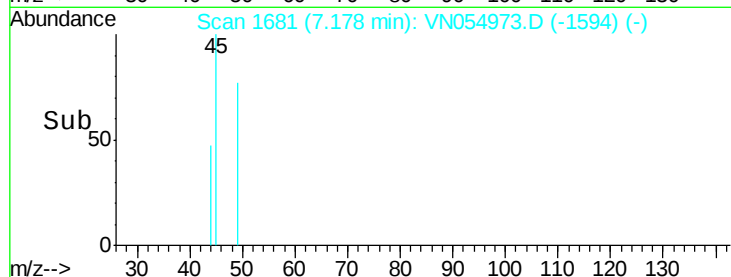
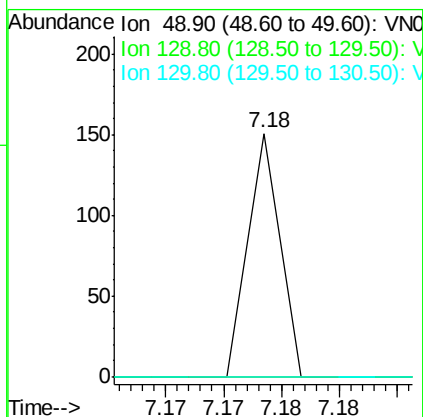
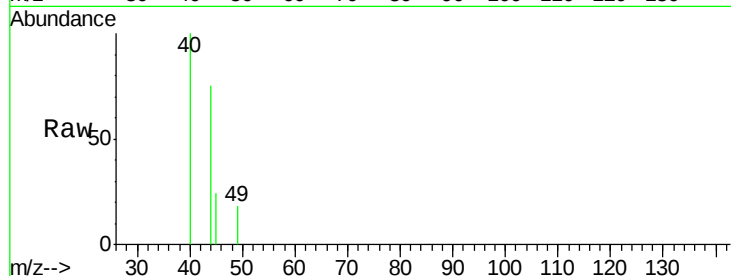
Lab File: VN054973.D

Acq: 5 Apr 2019 15:46

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 49 Resp: 29

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	0.0	53.1	79.7#



#29

Tetrahydrofuran

Concen: 7.477 ug/l

RT: 7.23 min Scan# 1696

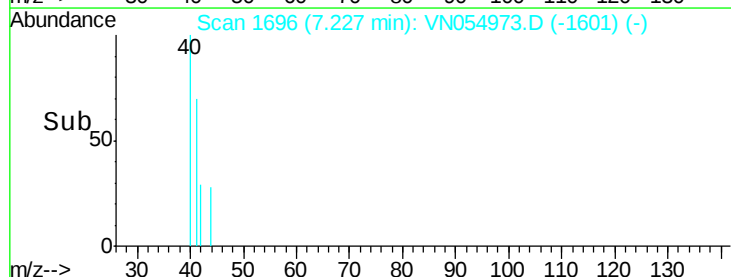
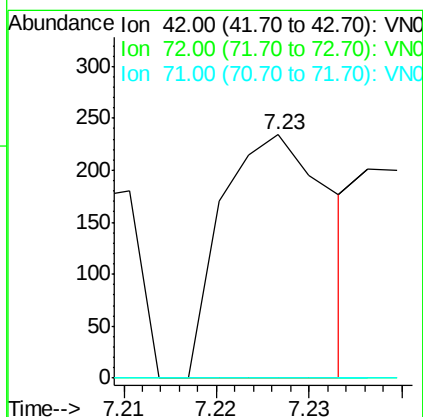
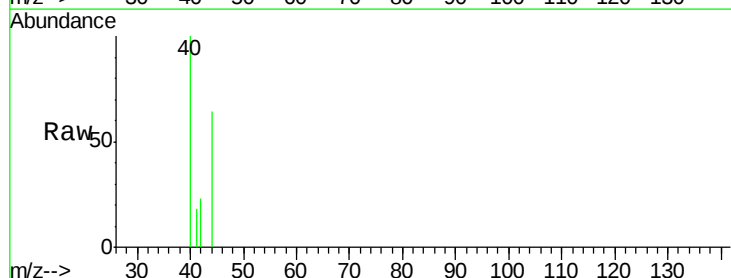
Delta R.T. 0.01 min

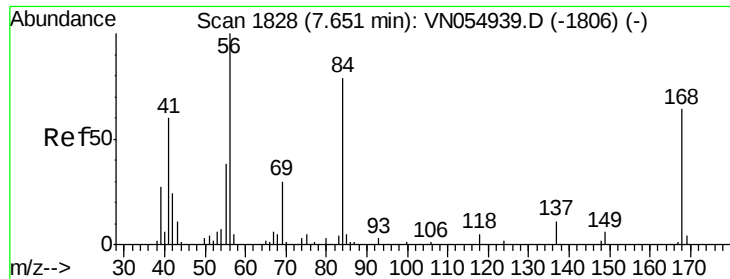
Lab File: VN054973.D

Acq: 5 Apr 2019 15:46

Tgt Ion: 42 Resp: 191

Ion	Ratio	Lower	Upper
42	100		
72	0.0	29.3	43.9#
71	0.0	27.8	41.6#





#31

Cyclohexane

Concen: Below Cal

RT: 7.66 min Scan# 1831

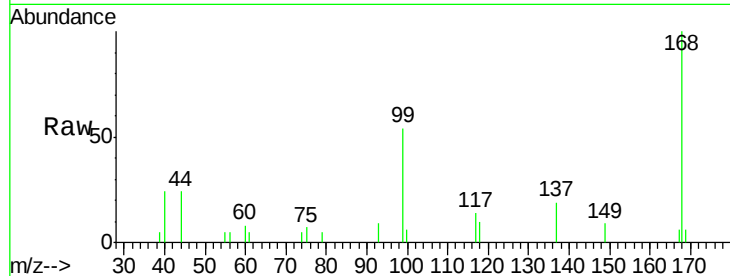
Delta R.T. 0.01 min

Lab File: VN054973.D

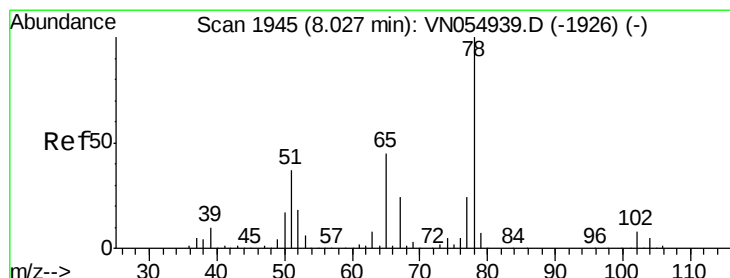
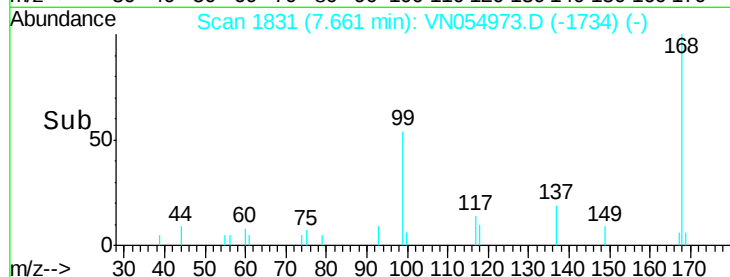
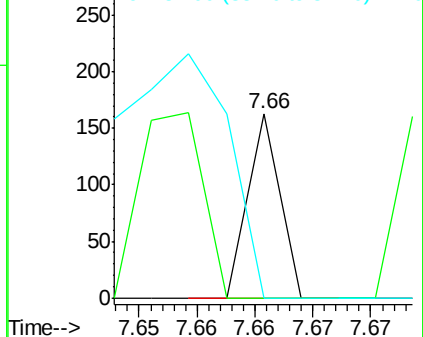
Acq: 5 Apr 2019 15:46

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	56	Resp:	31
Ion	Ratio	Lower	Upper
56	100		
69	0.0	23.8	35.6#
84	0.0	61.8	92.8#



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: 132.441 ug/l

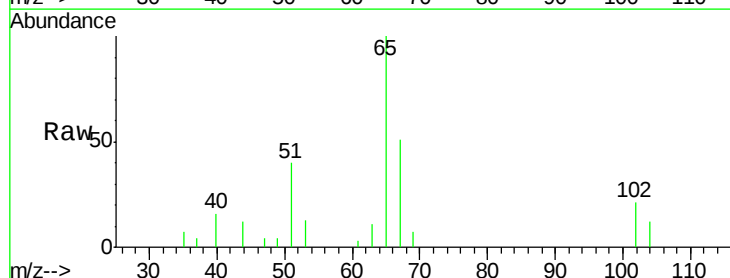
RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

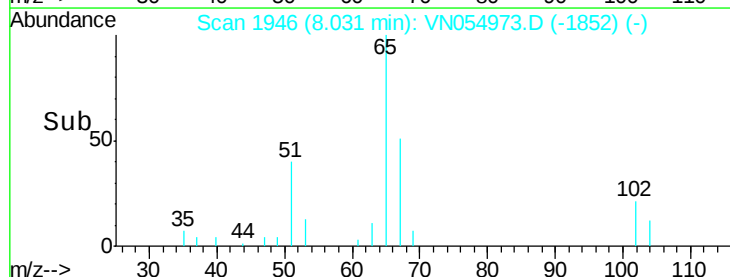
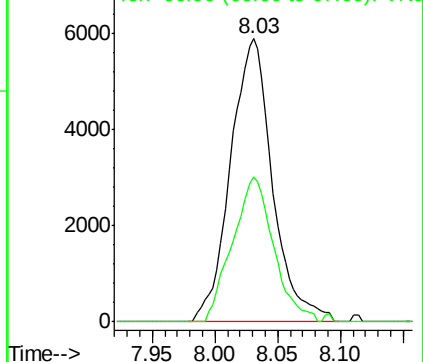
Lab File: VN054973.D

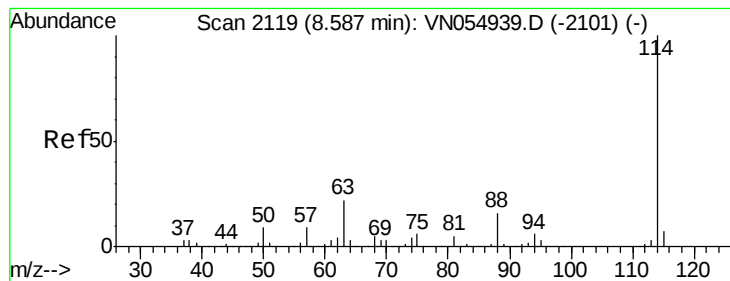
Acq: 5 Apr 2019 15:46

Tgt Ion:	65	Resp:	13746
Ion	Ratio	Lower	Upper
65	100		
67	49.8	0.0	105.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054973.D

Acq: 5 Apr 2019 15:46

Instrument :

MSVOA_N

ClientSampleId :

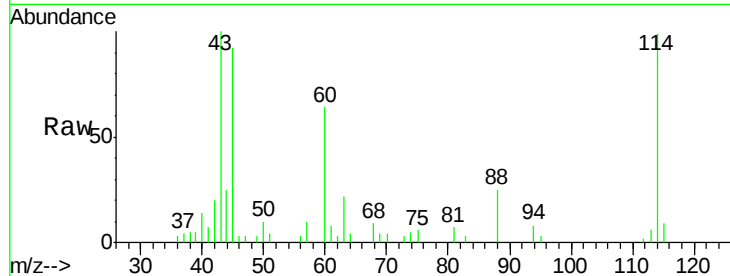
Tot Ion:114 Resp: 13706

Ion Ratio Lower Upper

114 100

63 22.4 0.0 44.6

88 24.9 0.0 32.0

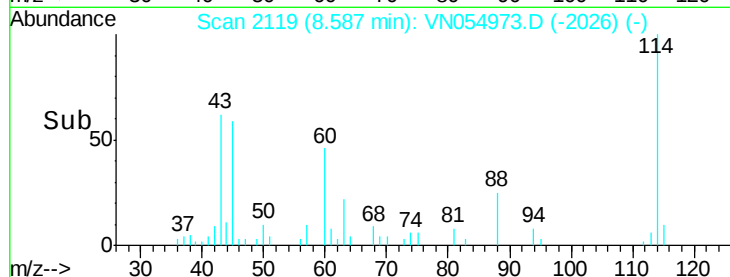


Abundance Ion 113.90 (113.60 to 114.60): V

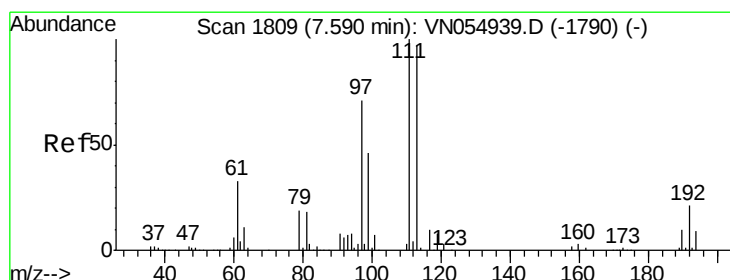
Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN

Time-->



Time-->



#35

Dibromofluoromethane

Concen: 90.630 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054973.D

Acq: 5 Apr 2019 15:46

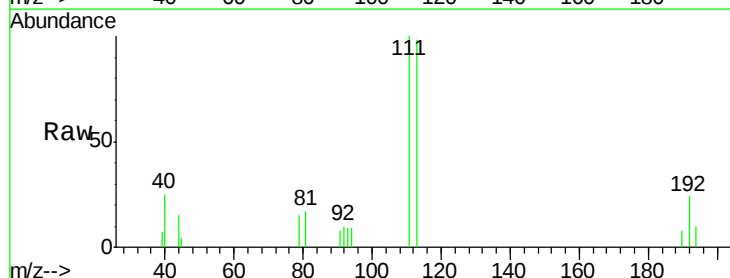
Tgt Ion:113 Resp: 8086

Ion Ratio Lower Upper

113 100

111 102.8 81.0 121.4

192 20.8 16.5 24.7

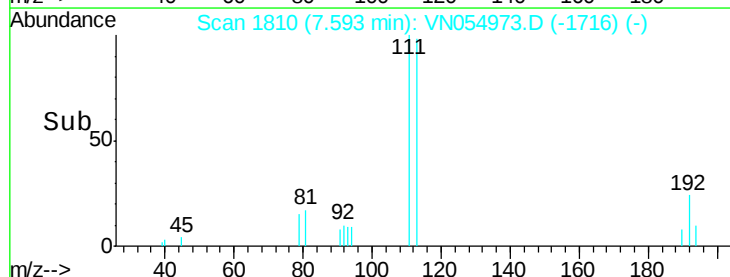


Abundance Ion 112.80 (112.50 to 113.50): V

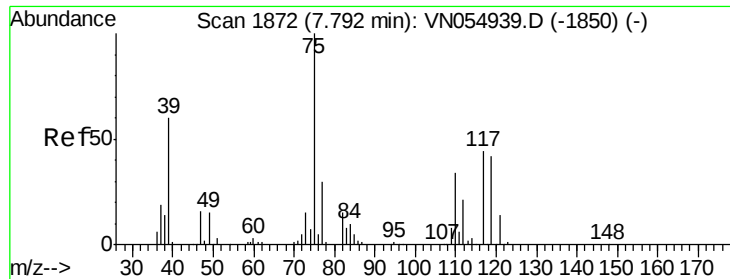
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

Time-->



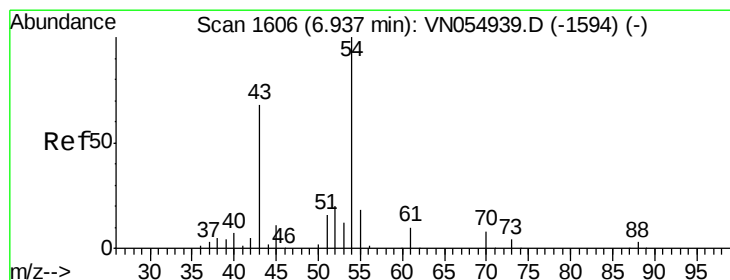
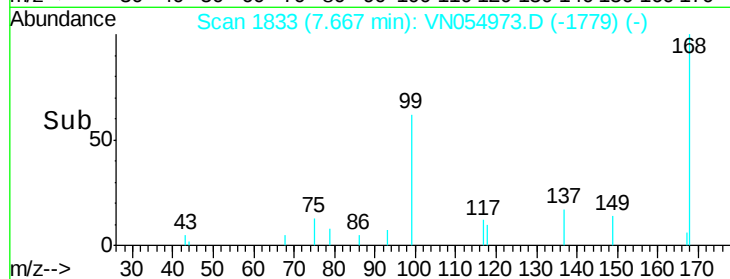
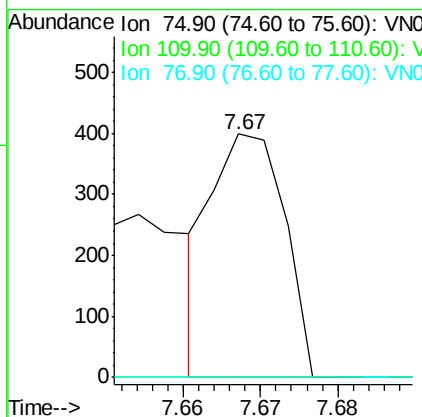
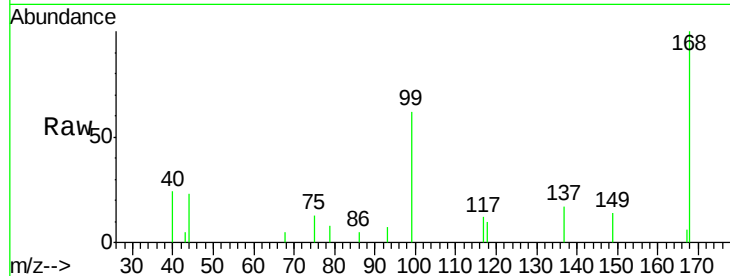
Time-->



#36
 1,1-Dichloropropene
 Concen: 1.907 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN054973.D
 Acq: 5 Apr 2019 15:46

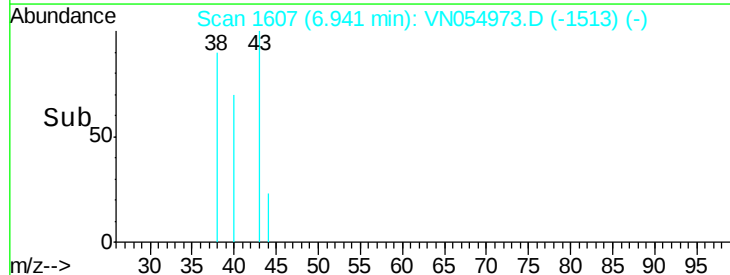
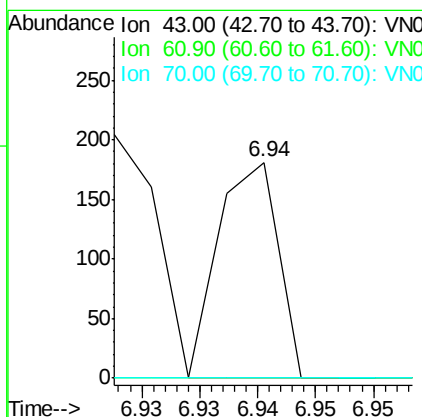
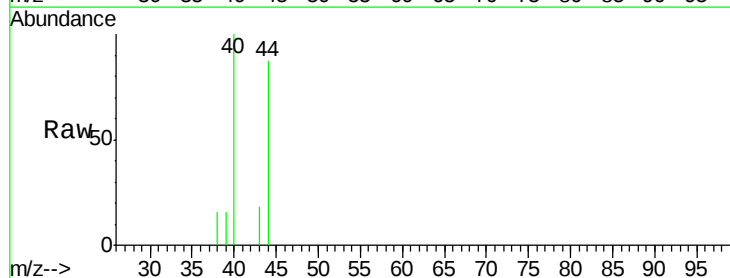
Instrument :
 MSVOA_N
 ClientSampled :

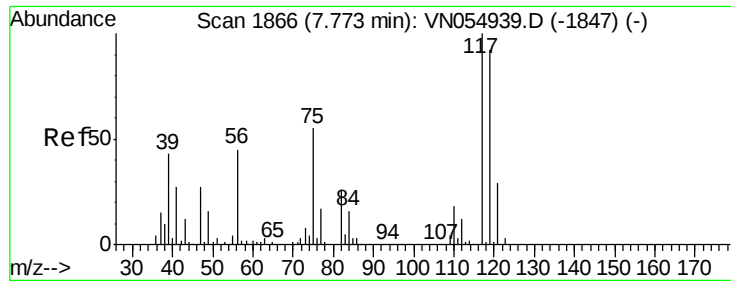
Tot Ion: 75 Resp: 259
 Ion Ratio Lower Upper
 75 100
 110 0.0 17.0 50.9#
 77 0.0 25.3 37.9#



#37
 Ethyl Acetate
 Concen: 0.697 ug/l
 RT: 6.94 min Scan# 1607
 Delta R.T. 0.00 min
 Lab File: VN054973.D
 Acq: 5 Apr 2019 15:46

Tgt Ion: 43 Resp: 65
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.3 15.5#
 70 0.0 7.0 10.4#

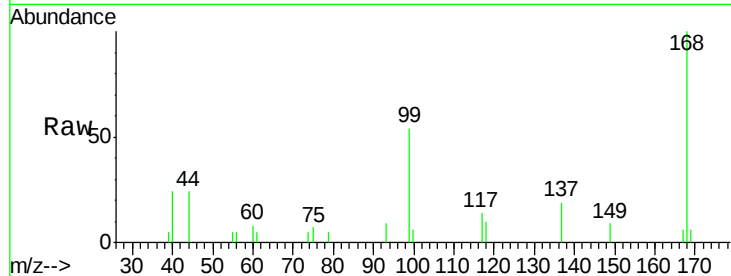




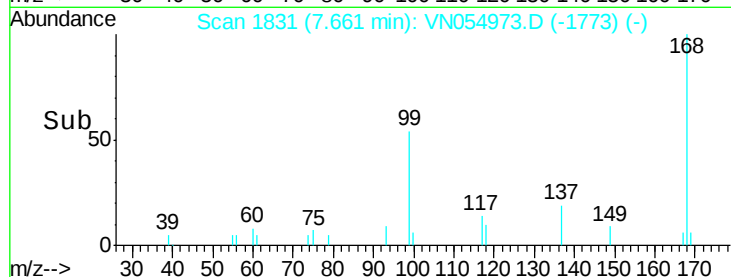
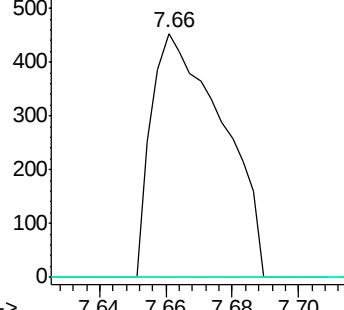
#38
Carbon Tetrachloride
Concen: 5.154 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN054973.D
Acq: 5 Apr 2019 15:46

Instrument :
MSVOA_N
ClientSampleId :

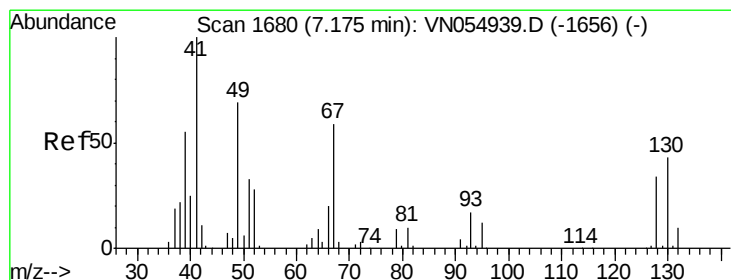
Tot Ion:117 Resp: 676
Ion Ratio Lower Upper
117 100
119 0.0 73.6 110.4#
121 0.0 23.4 35.0#



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

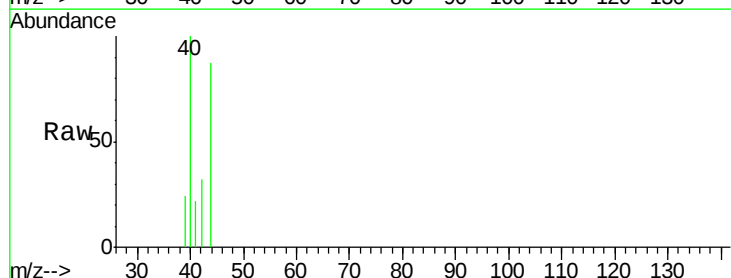


Time-->

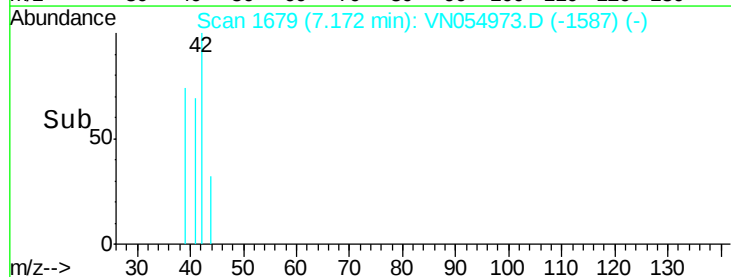
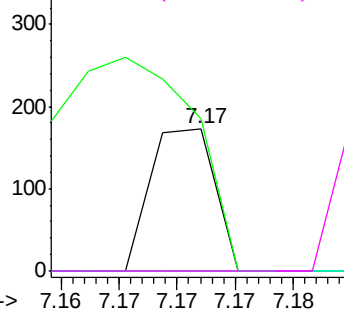


#41
Methacrylonitrile
Concen: 1.239 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VN054973.D
Acq: 5 Apr 2019 15:46

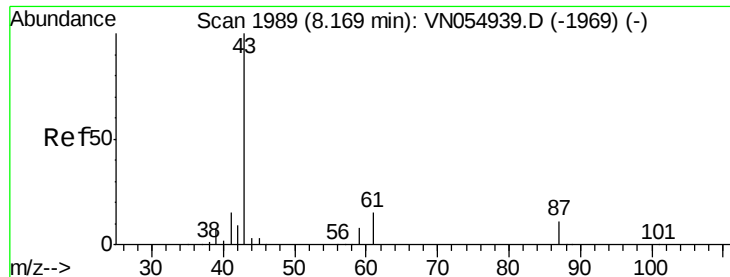
Tgt Ion: 41 Resp: 66
Ion Ratio Lower Upper
41 100
39 269.7 43.0 64.6#
67 0.0 55.0 82.6#
52 0.0 24.4 36.6#



Abundance Ion 41.00 (40.70 to 41.70): V
Ion 39.00 (38.70 to 39.70): V
Ion 67.00 (66.70 to 67.70): V
Ion 52.00 (51.70 to 52.70): V



Time-->

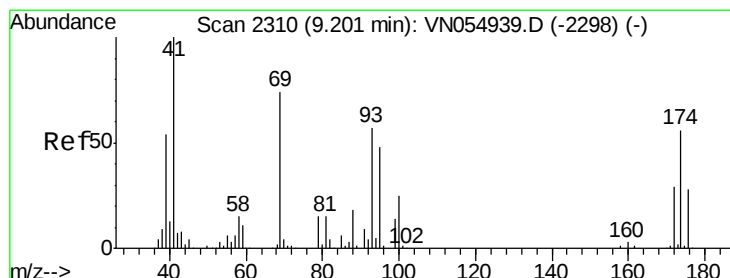
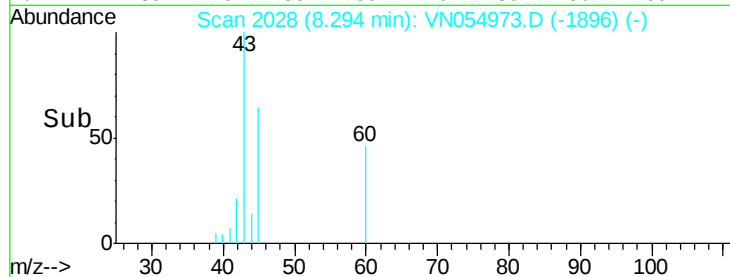
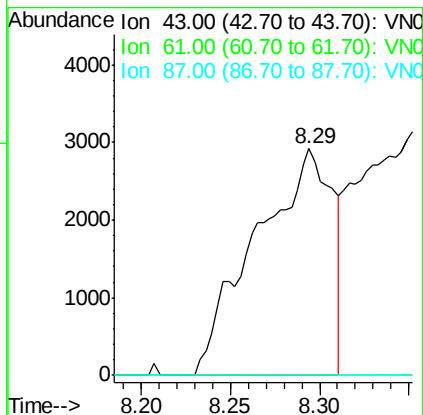
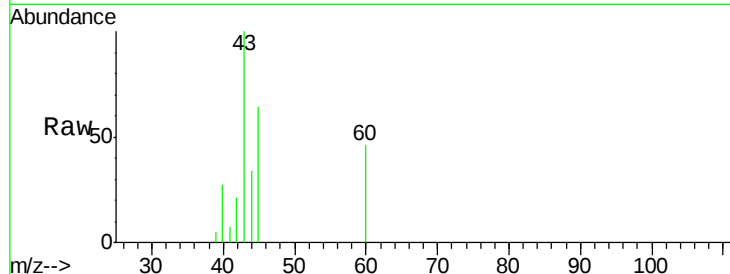


#43

Isopropyl Acetate
 Concen: 55.345 ug/l
 RT: 8.29 min Scan# 2028
 Delta R.T. 0.13 min
 Lab File: VN054973.D
 Acq: 5 Apr 2019 15:46

Instrument :
 MSVOA_N
 ClientSampleId :

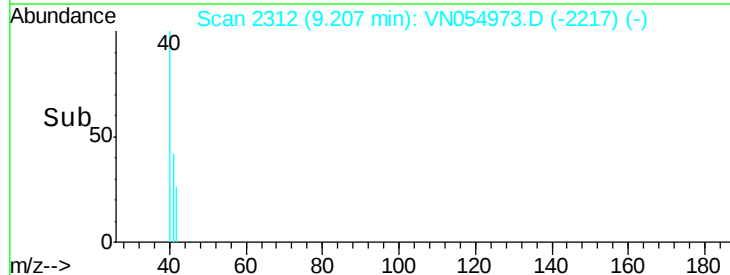
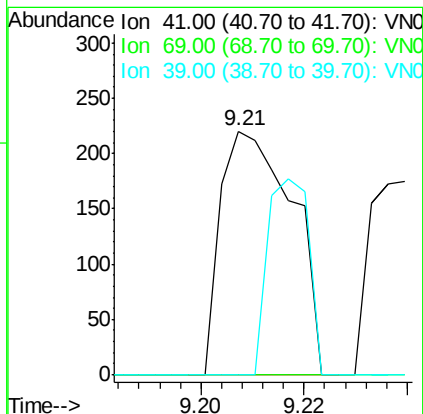
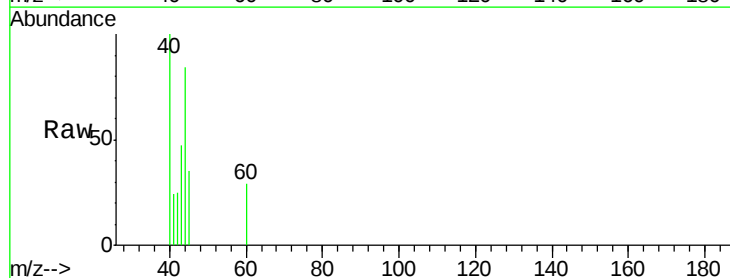
Tot Ion: 43 Resp: 8693
 Ion Ratio Lower Upper
 43 100
 61 0.0 14.4 21.6#
 87 0.0 9.0 13.4#

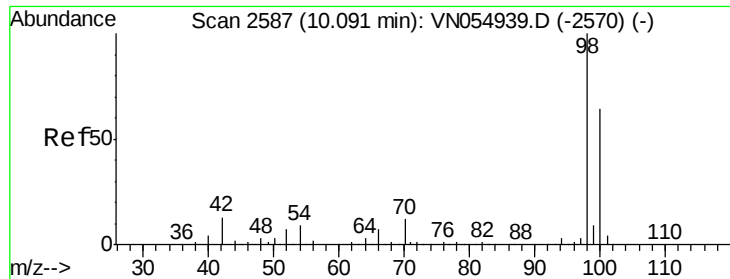


#48

Methyl methacrylate
 Concen: 2.666 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.01 min
 Lab File: VN054973.D
 Acq: 5 Apr 2019 15:46

Tgt Ion: 41 Resp: 212
 Ion Ratio Lower Upper
 41 100
 69 0.0 58.9 88.3#
 39 45.8 44.2 66.4





#50

Toluene-d8

Concen: 27.445 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN054973.D

Acq: 5 Apr 2019 15:46

Instrument :

MSVOA_N

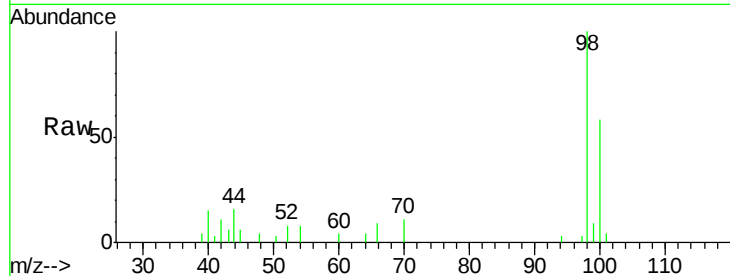
ClientSampled :

Tot Ion: 98 Resp: 9291

Ion Ratio Lower Upper

98 100

100 63.0 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN054939.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN054939.D (-2570) (-)

10.09

6000

5000

4000

3000

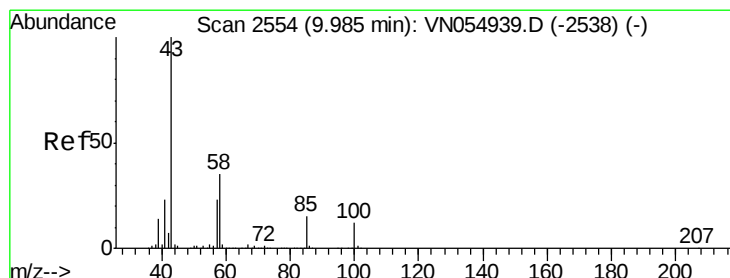
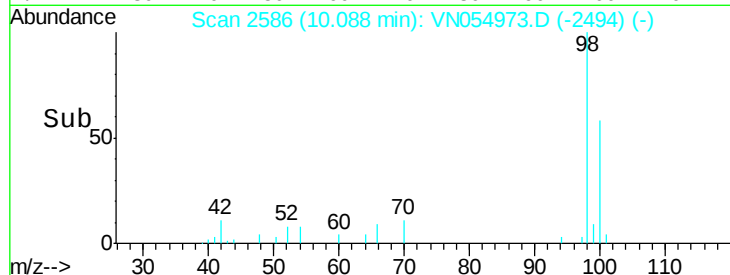
2000

1000

0

Time-->

10.05 10.10 10.15



#51

4-Methyl-2-Pentanone

Concen: 3.150 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN054973.D

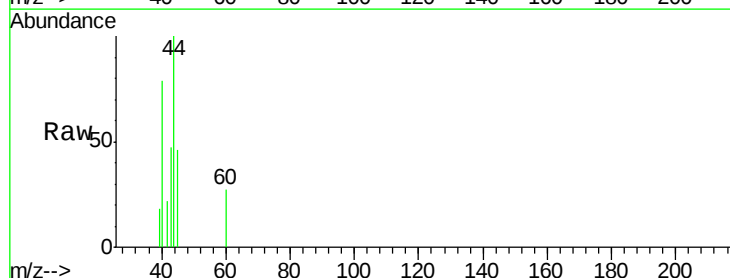
Acq: 5 Apr 2019 15:46

Tgt Ion: 43 Resp: 276

Ion Ratio Lower Upper

43 100

58 0.0 28.3 42.5#



Abundance Ion 43.00 (42.70 to 43.70): VN054939.D (-2538) (-)

Ion 58.00 (57.70 to 58.70): VN054939.D (-2538) (-)

9.99

500

400

300

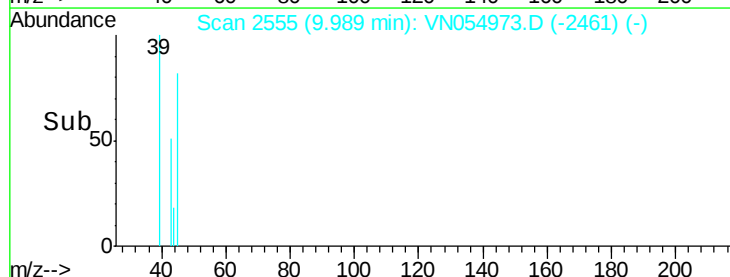
200

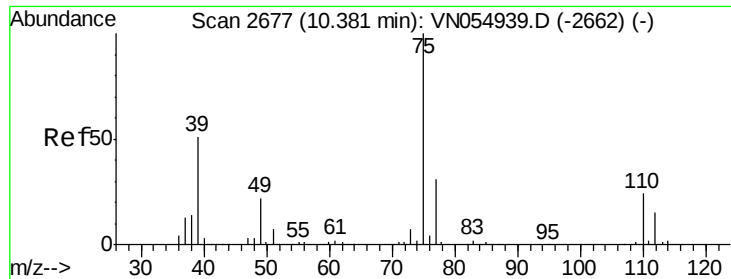
100

0

Time-->

9.96 9.98 10.00





#53

t-1,3-Dichloropropene

Concen: 2.242 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN054973.D

Acq: 5 Apr 2019 15:46

Instrument :

MSVOA_N

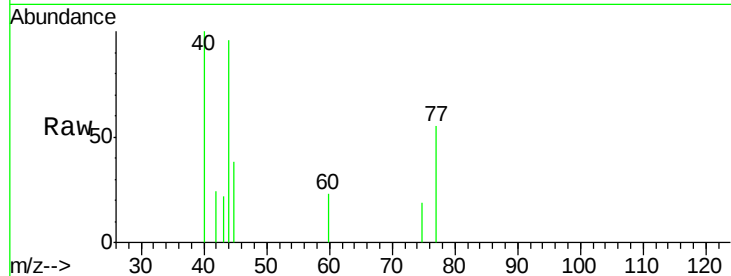
ClientSampled :

Tot Ion: 75 Resp: 30

Ion Ratio Lower Upper

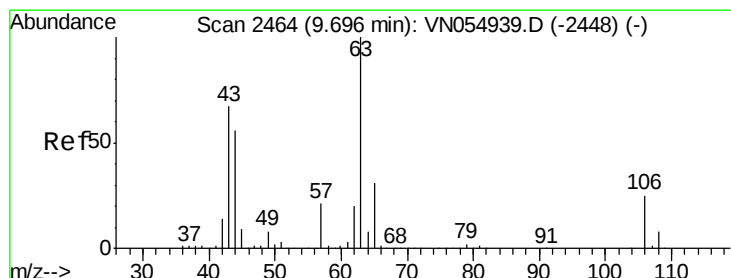
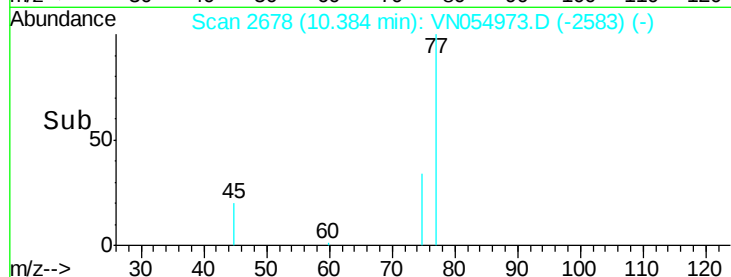
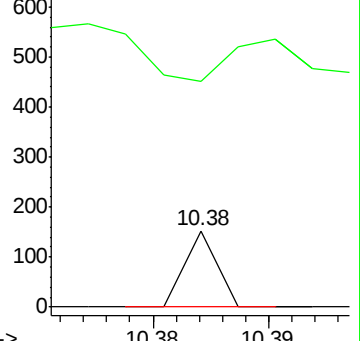
75 100

77 0.0 24.6 36.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 11.102 ug/l

RT: 9.73 min Scan# 2476

Delta R.T. 0.04 min

Lab File: VN054973.D

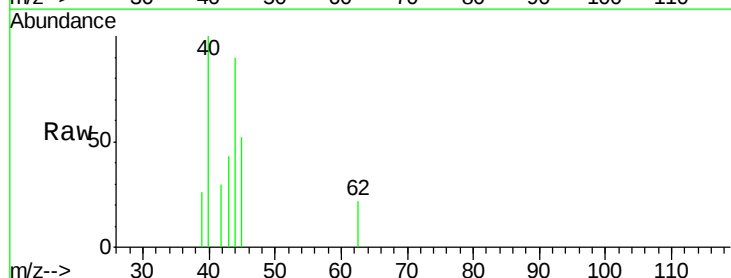
Acq: 5 Apr 2019 15:46

Tgt Ion: 63 Resp: 63

Ion Ratio Lower Upper

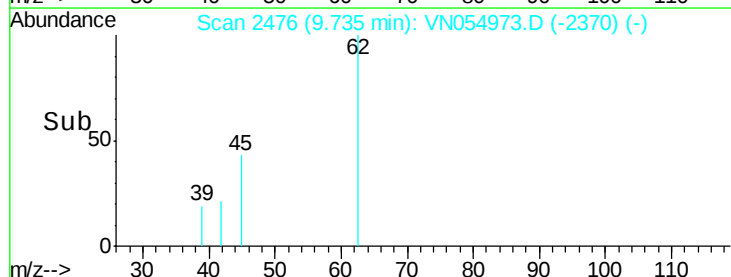
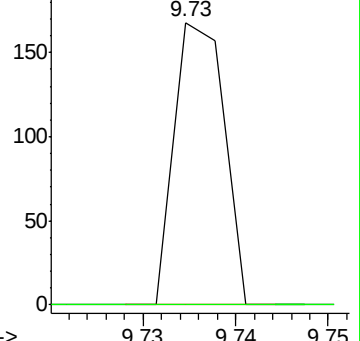
63 100

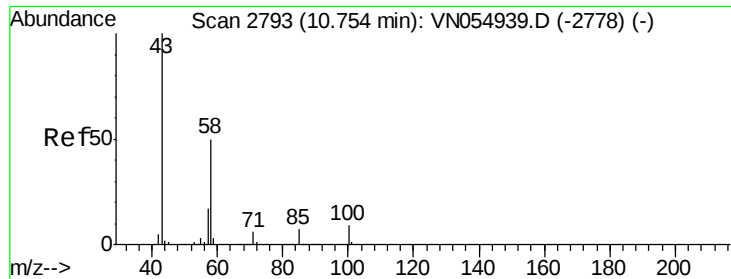
106 0.0 19.7 29.5#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

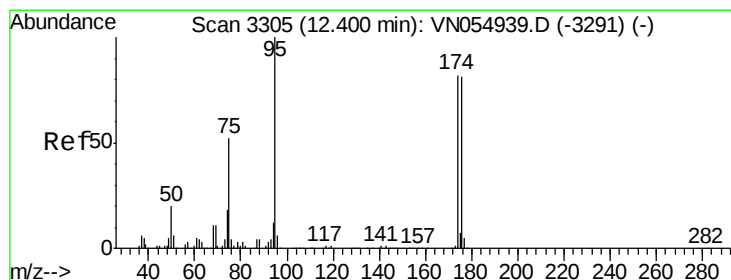
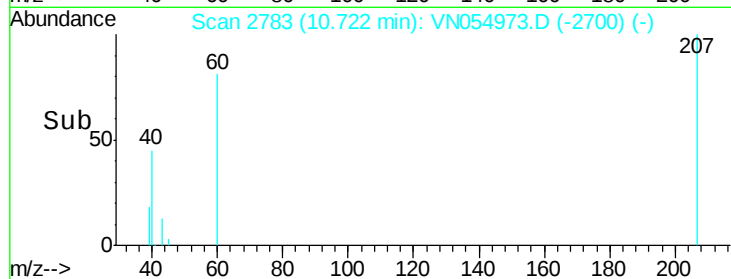
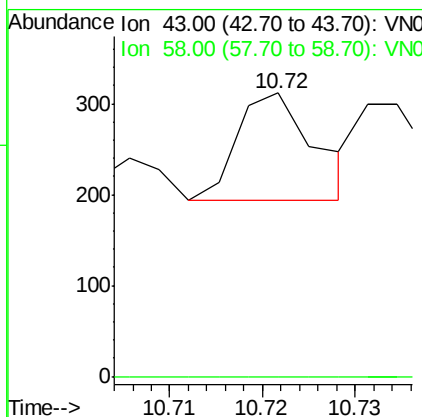
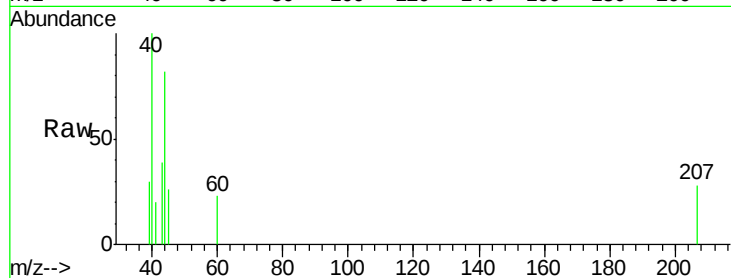




#59
2-Hexanone
Concen: 1.242 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.03 min
Lab File: VN054973.D
Acq: 5 Apr 2019 15:46

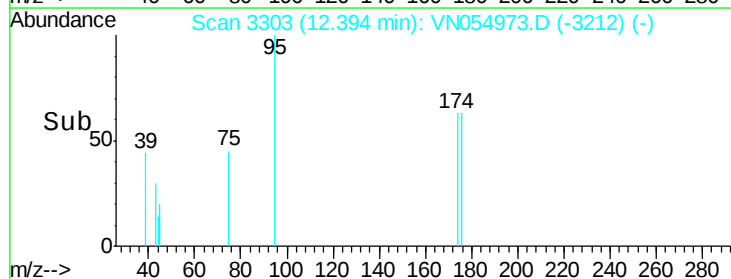
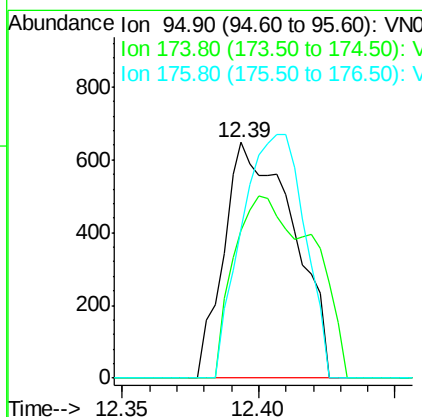
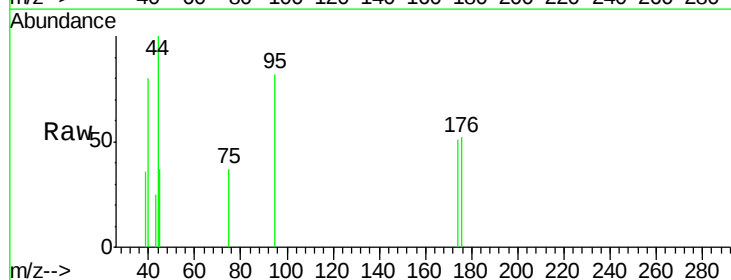
Instrument :
MSVOA_N
ClientSampled :

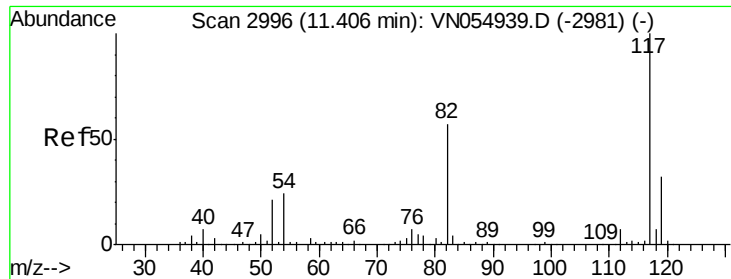
Tot Ion: 43 Resp: 68
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.8#



#62
4-Bromofluorobenzene
Concen: 10.090 ug/l
RT: 12.39 min Scan# 3303
Delta R.T. -0.01 min
Lab File: VN054973.D
Acq: 5 Apr 2019 15:46

Tgt Ion: 95 Resp: 1140
Ion Ratio Lower Upper
95 100
174 88.2 0.0 166.2
176 93.9 0.0 163.2

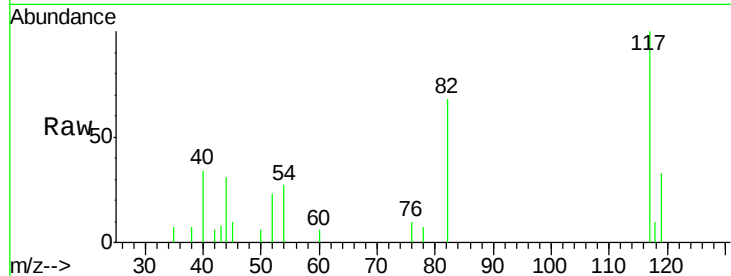




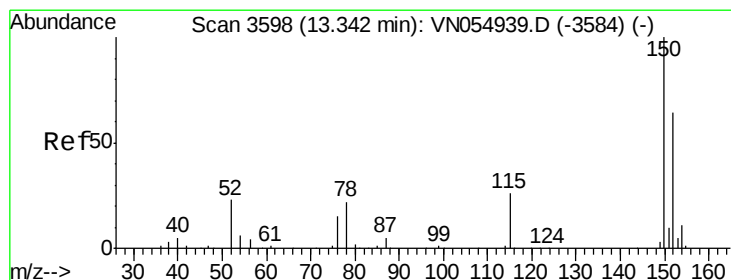
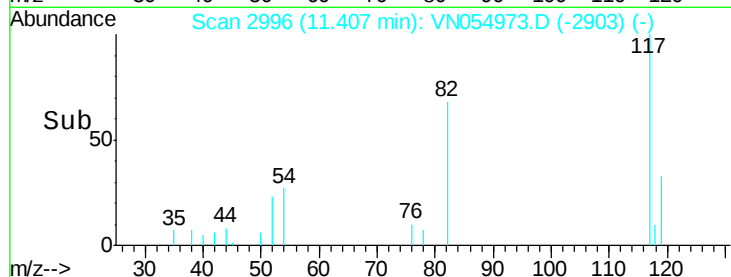
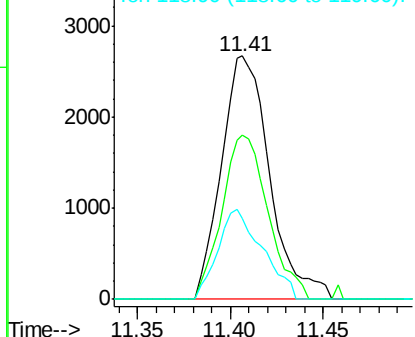
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054973.D
Acq: 5 Apr 2019 15:46

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 4828
Ion Ratio Lower Upper
117 100
82 67.7 45.3 67.9
119 33.1 25.8 38.6

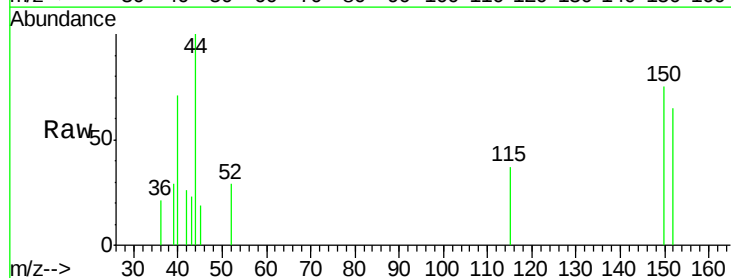


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

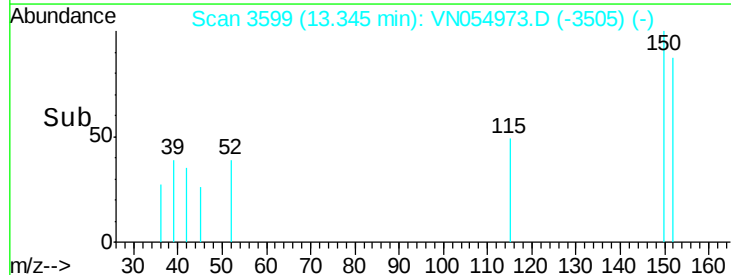
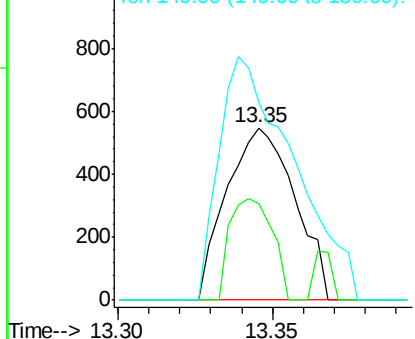


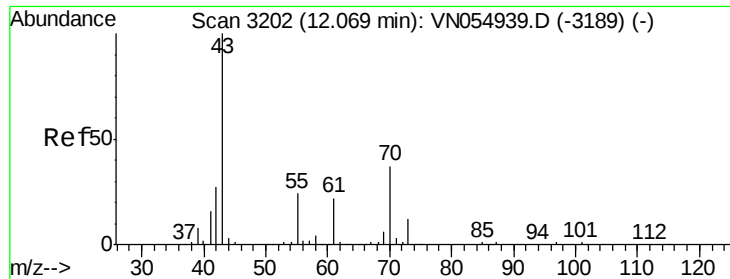
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054973.D
Acq: 5 Apr 2019 15:46

Tgt Ion:152 Resp: 842
Ion Ratio Lower Upper
152 100
115 36.7 28.9 86.8
150 153.9 0.0 345.4



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





#74

N-amvl acetate

Concen: 12.696 ug/l

RT: 12.08 min Scan# 3204

Delta R.T. 0.01 min

Lab File: VN054973.D

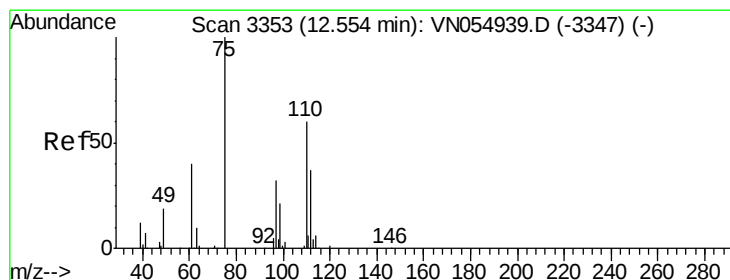
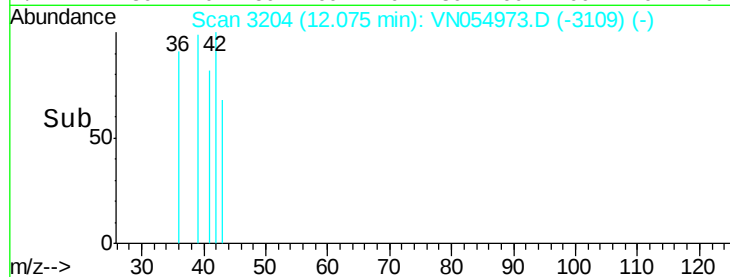
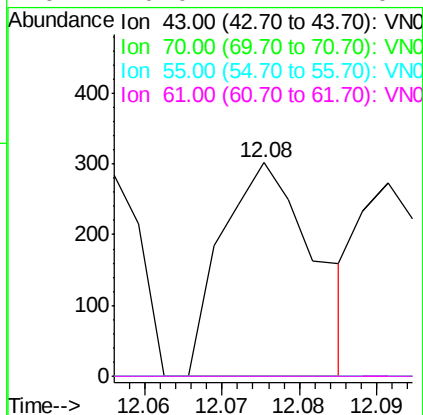
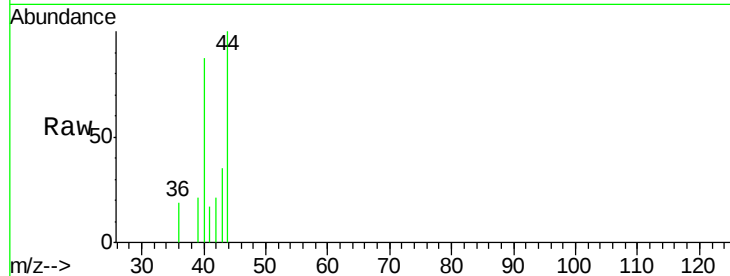
Acq: 5 Apr 2019 15:46

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:	43	Resp:	251
Ion	Ratio	Lower	Upper
43	100		
70	0.0	29.3	43.9#
55	0.0	19.2	28.8#
61	0.0	17.4	26.2#



#76

1,2,3-Trichloropropane

Concen: 21.417 ug/l

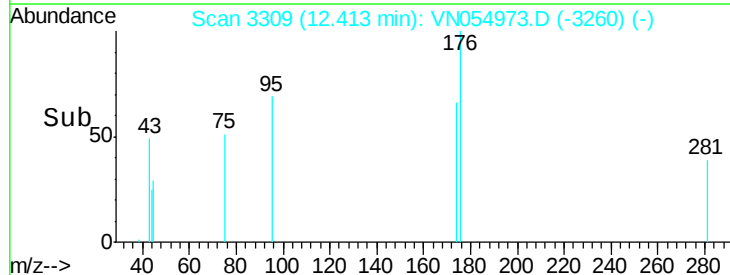
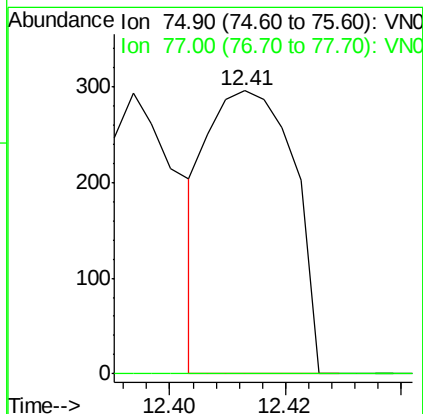
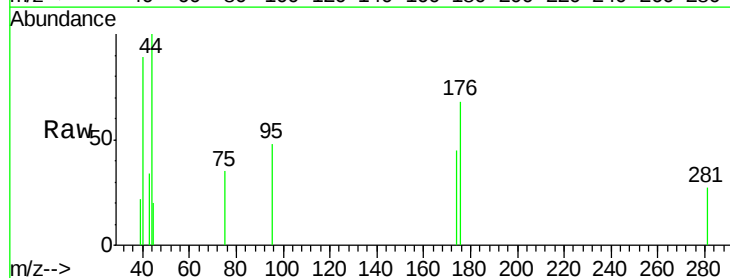
RT: 12.41 min Scan# 3309

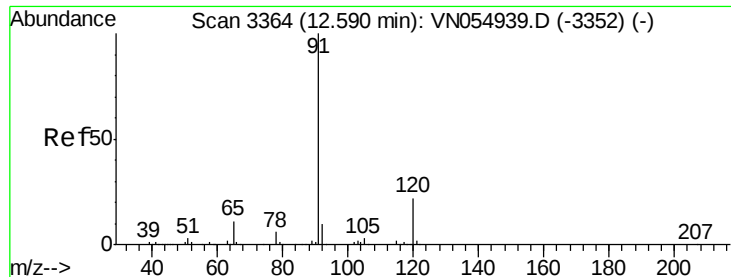
Delta R.T. -0.14 min

Lab File: VN054973.D

Acq: 5 Apr 2019 15:46

Tgt Ion:	75	Resp:	305
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#78

n-propylbenzene

Concen: 0.842 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN054973.D

Acq: 5 Apr 2019 15:46

Instrument :

MSVOA_N

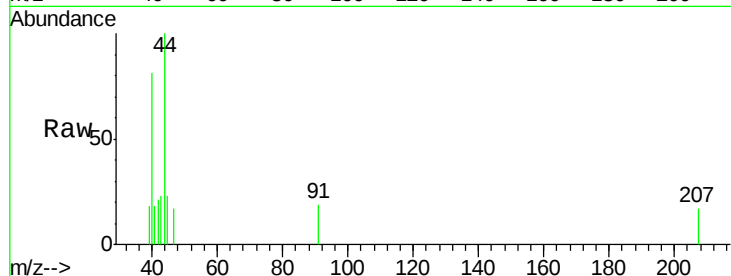
ClientSampleId :

Tot Ion: 91 Resp: 66

Ion Ratio Lower Upper

91 100

120 0.0 11.2 33.6#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

12.59

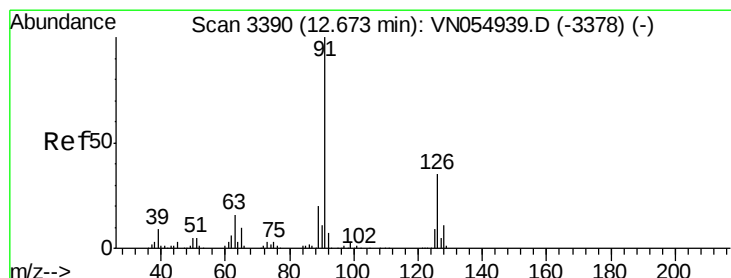
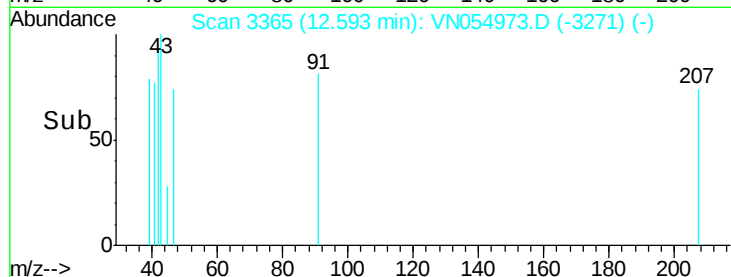
150

100

50

0

Time--> 12.58 12.59 12.60



#79

2-Chlorotoluene

Concen: 1.359 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.08 min

Lab File: VN054973.D

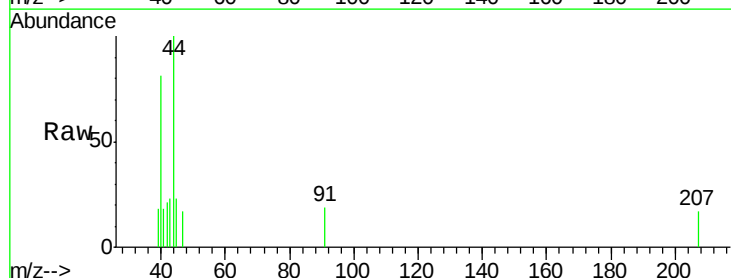
Acq: 5 Apr 2019 15:46

Tgt Ion: 91 Resp: 66

Ion Ratio Lower Upper

91 100

126 0.0 17.4 52.2#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

12.59

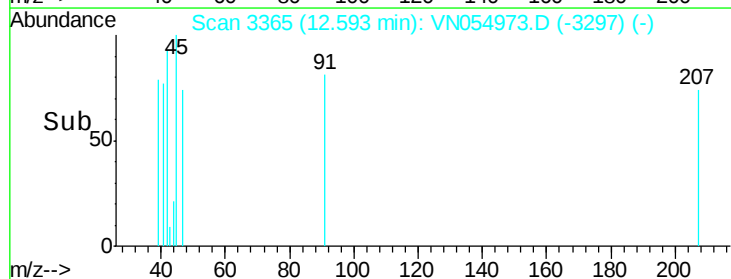
150

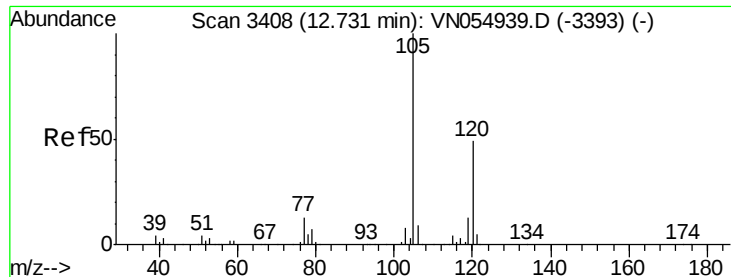
100

50

0

Time--> 12.58 12.59 12.60

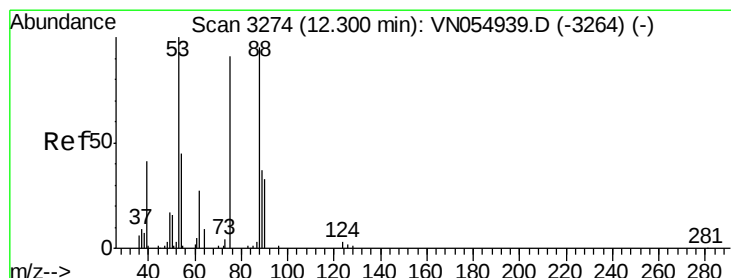
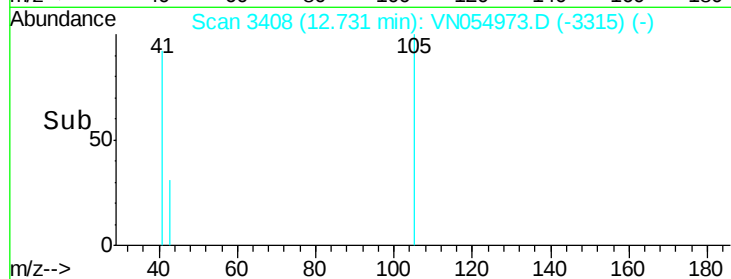
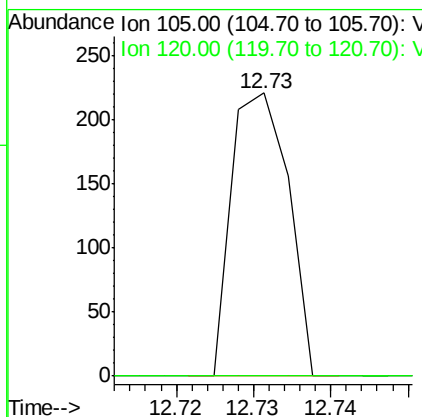
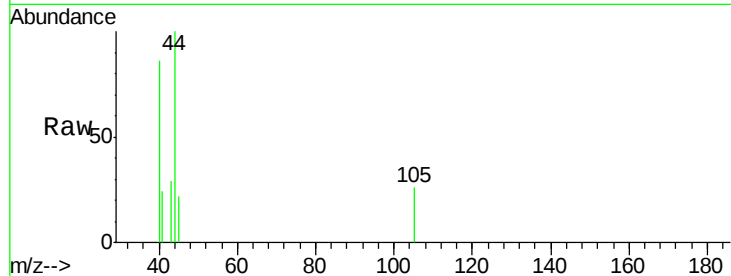




#80
 1,3,5-Trimethylbenzene
 Concen: 1.934 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN054973.D
 Acq: 5 Apr 2019 15:46

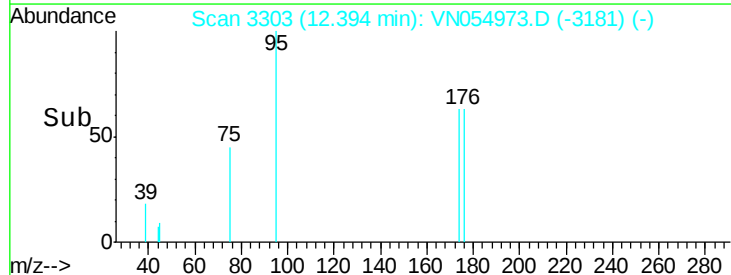
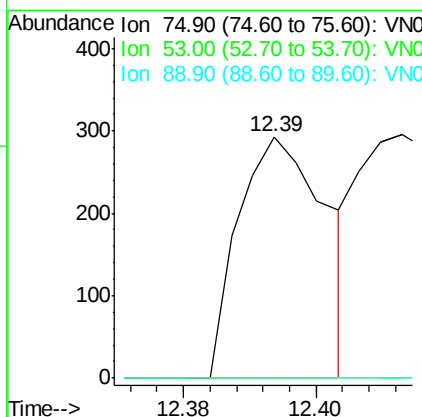
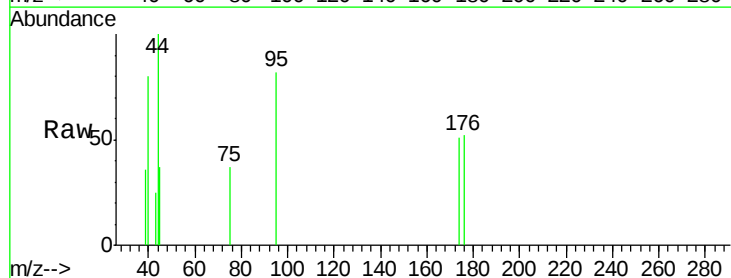
Instrument :
 MSVOA_N
 ClientSampleId :

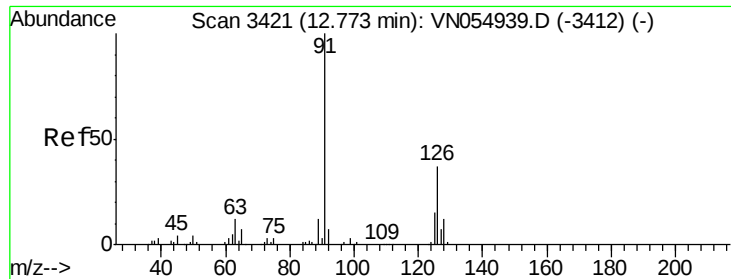
Tot Ion:105 Resp: 113
 Ion Ratio Lower Upper
 105 100
 120 0.0 24.1 72.3#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.797 ug/l
 RT: 12.39 min Scan# 3303
 Delta R.T. 0.09 min
 Lab File: VN054973.D
 Acq: 5 Apr 2019 15:46

Tgt Ion: 75 Resp: 269
 Ion Ratio Lower Upper
 75 100
 53 0.0 92.8 139.2#
 89 0.0 36.7 55.1#





#82

4-Chlorotoluene

Concen: 0.805 ug/l

RT: 12.77 min Scan# 3419

Delta R.T. -0.01 min

Lab File: VN054973.D

Acq: 5 Apr 2019 15:46

Instrument :

MSVOA_N

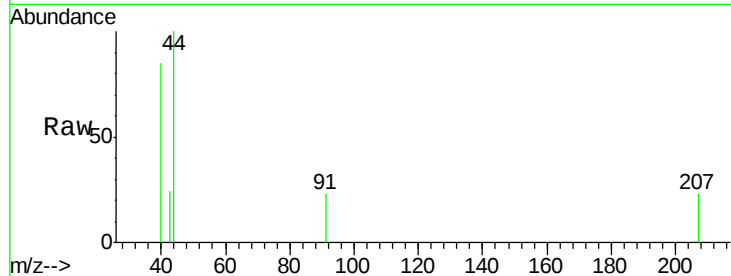
ClientSampleId :

Tot Ion: 91 Resp: 37

Ion Ratio Lower Upper

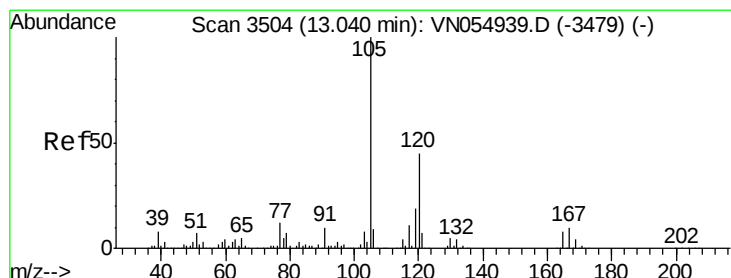
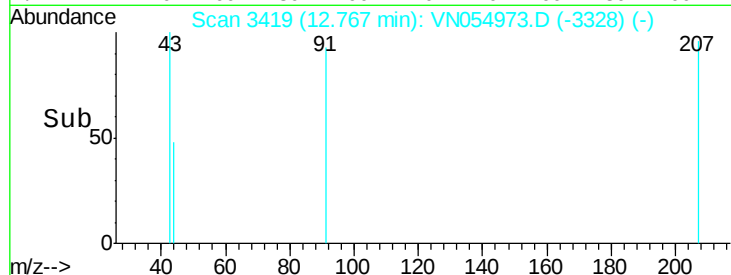
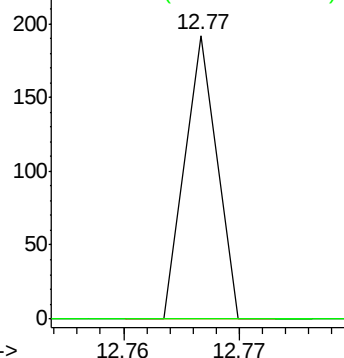
91 100

126 0.0 16.9 50.7#



Abundance Ion 91.00 (90.70 to 91.70): VN054973.D (-3412) (-)

Ion 125.90 (125.60 to 126.60): VN054973.D (-3412) (-)



#84

1,2,4-Trimethylbenzene

Concen: 1.062 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. -0.00 min

Lab File: VN054973.D

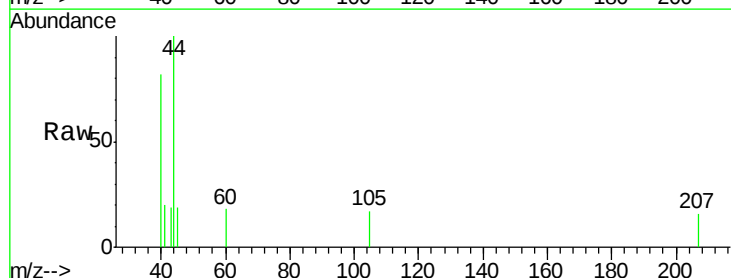
Acq: 5 Apr 2019 15:46

Tgt Ion: 105 Resp: 60

Ion Ratio Lower Upper

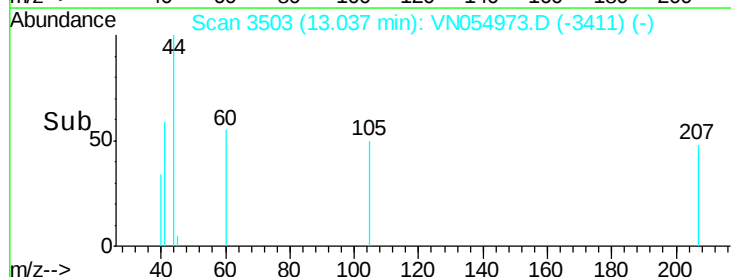
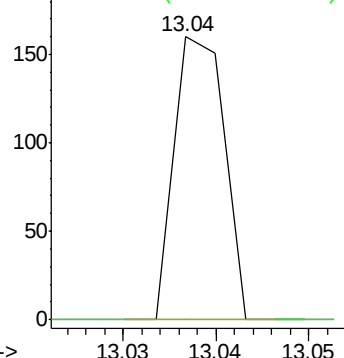
105 100

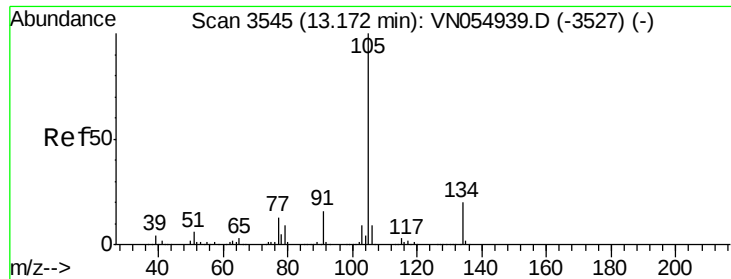
120 0.0 22.4 67.3#



Abundance Ion 105.00 (104.70 to 105.70): VN054973.D (-3479) (-)

Ion 120.00 (119.70 to 120.70): VN054973.D (-3479) (-)

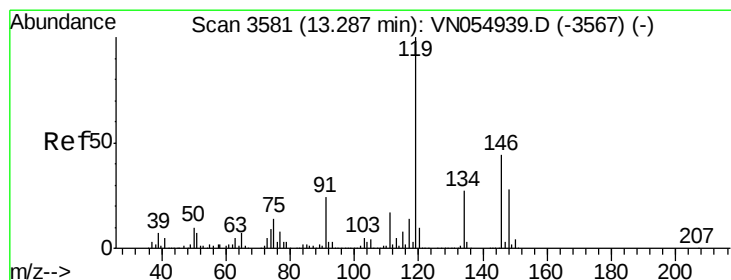
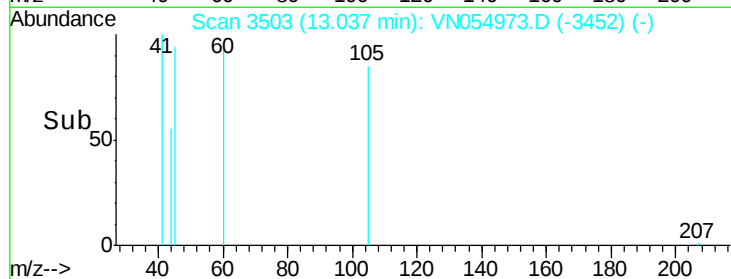
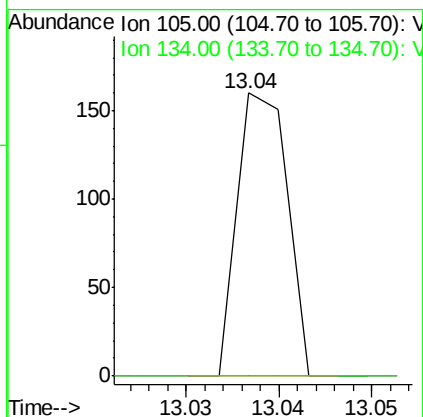
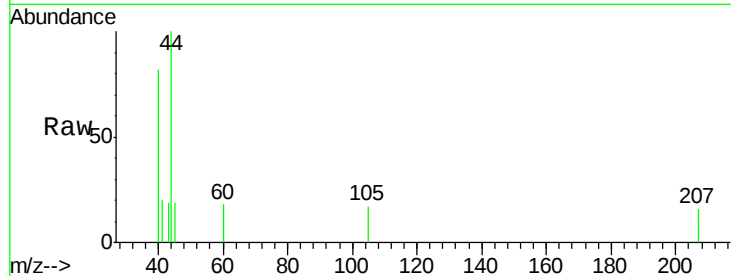




#85
 sec-Butylbenzene
 Concen: 0.934 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.13 min
 Lab File: VN054973.D
 Acq: 5 Apr 2019 15:46

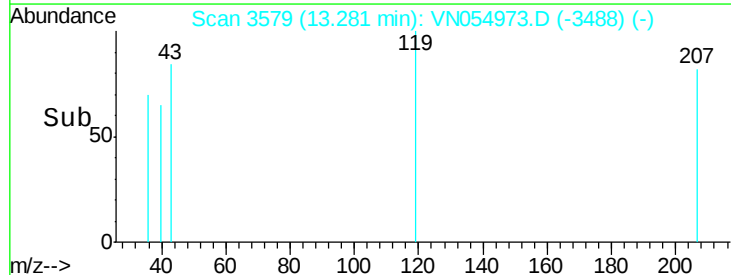
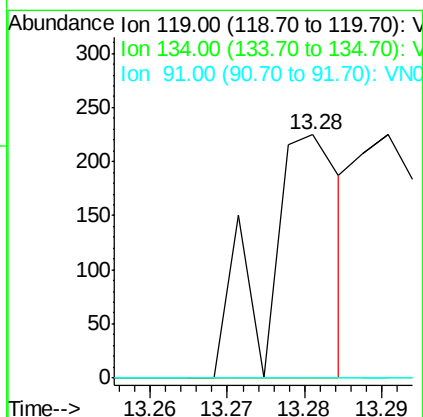
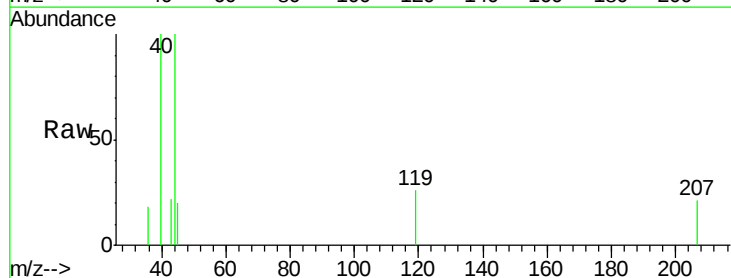
Instrument :
 MSVOA_N
 ClientSampleId :

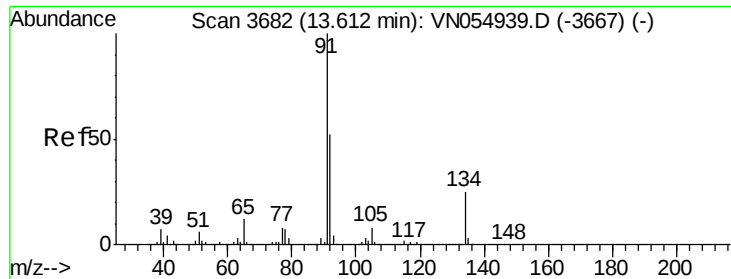
Tot Ion:105 Resp: 60
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.5#



#86
 p-Isopropyltoluene
 Concen: 2.709 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.01 min
 Lab File: VN054973.D
 Acq: 5 Apr 2019 15:46

Tgt Ion:119 Resp: 150
 Ion Ratio Lower Upper
 119 100
 134 0.0 13.5 40.5#
 91 0.0 11.9 35.7#

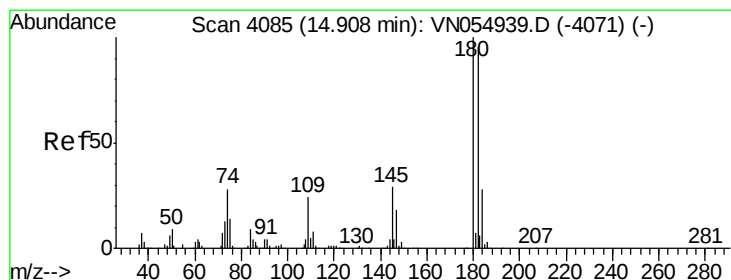
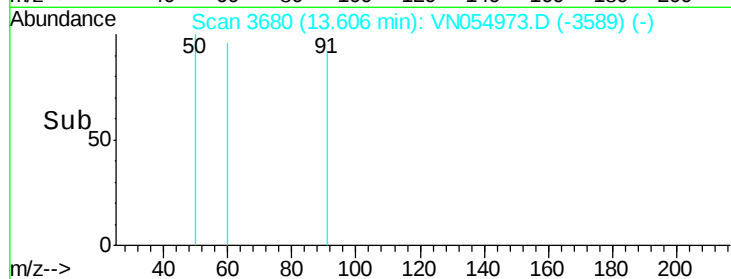
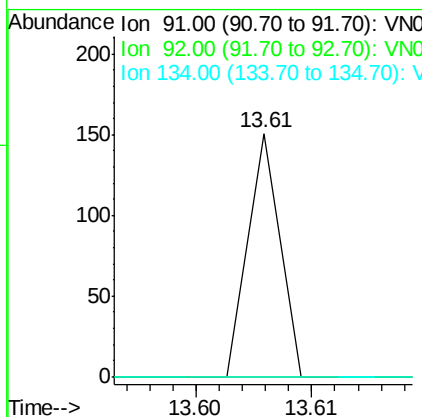
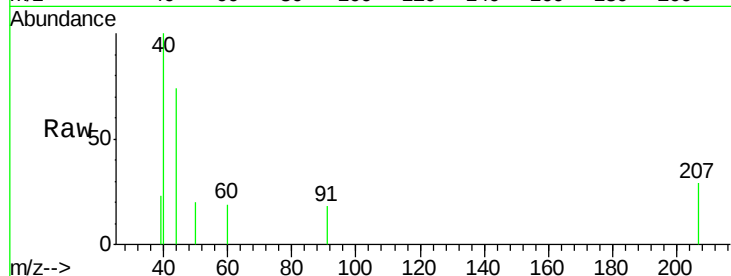




#89
 n-Butylbenzene
 Concen: 0.655 ug/l
 RT: 13.61 min Scan# 3680
 Delta R.T. -0.01 min
 Lab File: VN054973.D
 Acq: 5 Apr 2019 15:46

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 91 Resp: 29
 Ion Ratio Lower Upper
 91 100
 92 0.0 26.1 78.2#
 134 0.0 12.6 37.8#



#93
 1,2,4-Trichlorobenzene
 Concen: 4.395 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.01 min
 Lab File: VN054973.D
 Acq: 5 Apr 2019 15:46

Tgt Ion: 180 Resp: 30
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.5 142.6#
 145 0.0 14.6 43.8#

