

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040519\
 Data File : VN054972.D
 Acq On : 5 Apr 2019 15:20
 Operator : JC/SP
 Sample : K2292-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 05 23:33:47 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	48235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	77698	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	37177	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	4676	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	55059	86.58	ug/l	0.00
Spiked Amount			Recovery	=	173.16%	
35) Dibromofluoromethane	7.59	113	39993	79.07	ug/l	0.00
Spiked Amount			Recovery	=	158.14%	
50) Toluene-d8	10.09	98	66446	34.62	ug/l	0.00
Spiked Amount			Recovery	=	69.24%	
62) 4-Bromofluorobenzene	12.40	95	10098	15.77	ug/l	0.00
Spiked Amount			Recovery	=	31.54%	

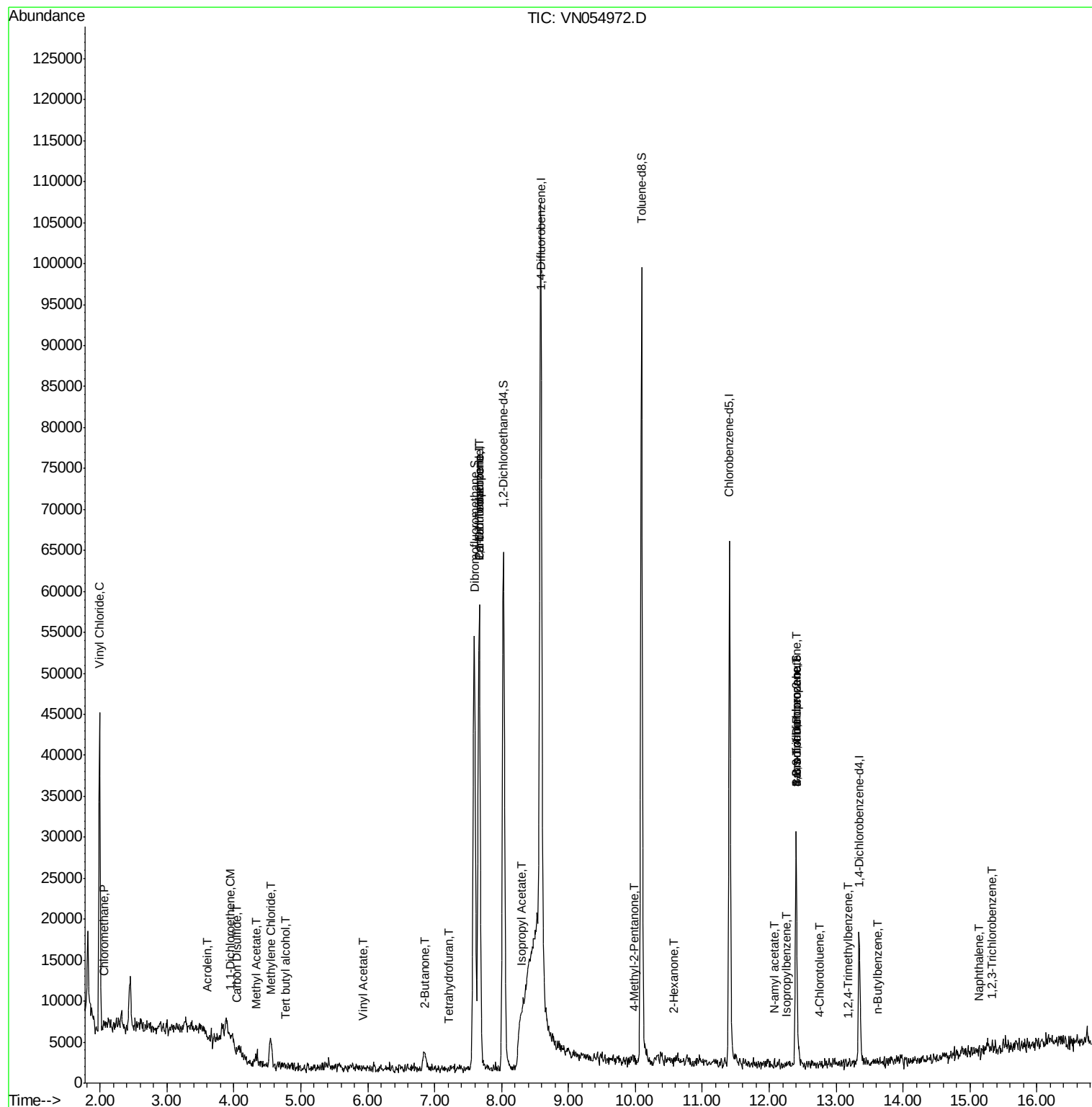
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	412	0.540	ug/l #	42
4) Vinyl Chloride	2.00	62	527	0.791	ug/l #	43
11) Tert butyl alcohol	4.78	59	66	2.011	ug/l #	82
12) 1,1-Dichloroethene	3.96	96	105	0.247	ug/l #	1
13) Acrolein	3.61	56	199	8.097	ug/l #	13
16) Acetone	3.82	43	1859	Below Cal		93
17) Carbon Disulfide	4.04	76	608	0.449	ug/l #	75
18) Methyl Acetate	4.33	43	1543	2.346	ug/l #	86
20) Methylene Chloride	4.54	84	1009	1.709	ug/l #	81
23) Vinyl Acetate	5.92	43	323	0.240	ug/l #	76
25) 2-Butanone	6.85	43	68	0.285	ug/l #	53
29) Tetrahydrofuran	7.21	42	70	0.447	ug/l #	39
31) Cyclohexane	7.66	56	1086	Below Cal	#	26
36) 1,1-Dichloropropene	7.67	75	3851	5.002	ug/l #	43
38) Carbon Tetrachloride	7.66	117	5151	6.928	ug/l #	14
43) Isopropyl Acetate	8.29	43	7477	8.397	ug/l #	64
51) 4-Methyl-2-Pentanone	9.98	43	183	0.368	ug/l #	39
59) 2-Hexanone	10.59	43	189	0.609	ug/l	78
71) Bromoform	12.40	173	104	0.624	ug/l #	1
73) Isopropylbenzene	12.25	105	101	0.256	ug/l #	49
74) N-amyl acetate	12.08	43	585	5.328	ug/l #	46
76) 1,2,3-Trichloropropane	12.40	75	5323	75.885	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	5323	262.953	ug/l #	4
82) 4-Chlorotoluene	12.77	91	60	0.235	ug/l #	41
84) 1,2,4-Trimethylbenzene	13.17	105	66	0.210	ug/l #	31
89) n-Butylbenzene	13.62	91	201	0.818	ug/l #	34
95) Naphthalene	15.14	128	214	4.008	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.32	180	29	0.404	ug/l #	12

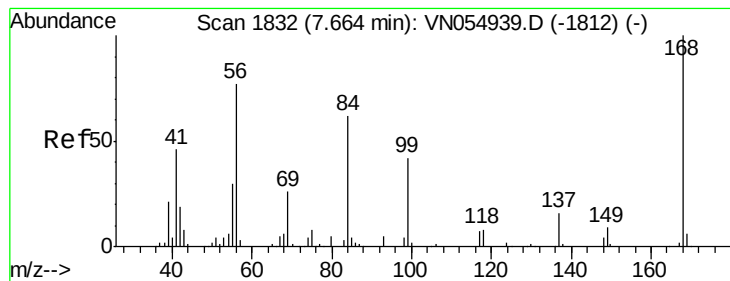
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN040519\
Data File : VN054972.D
Acq On : 5 Apr 2019 15:20
Operator : JC/SP
Sample : K2292-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampled :

Quant Time: Apr 05 23:33:47 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N040419W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 05 02:23:47 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN054972.D

Acq: 5 Apr 2019 15:20

Instrument :

MSVOA_N

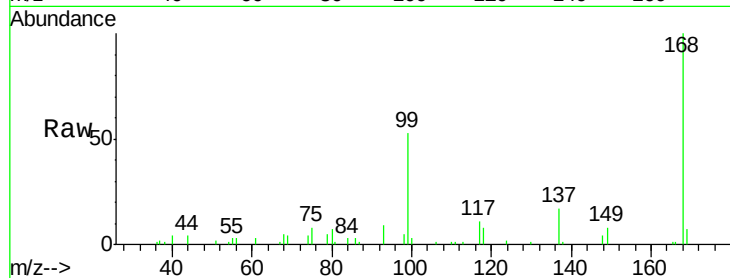
ClientSampled :

Tot Ion:168 Resp: 48235

Ion Ratio Lower Upper

168 100

99 53.5 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

7.66

20000

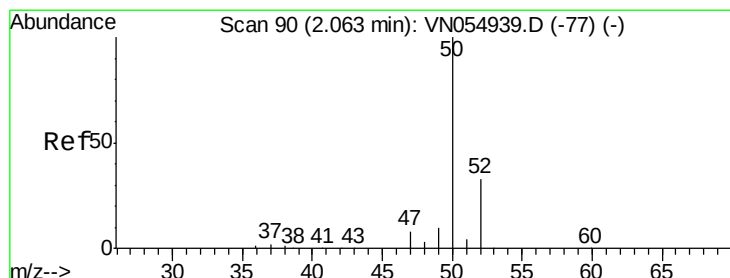
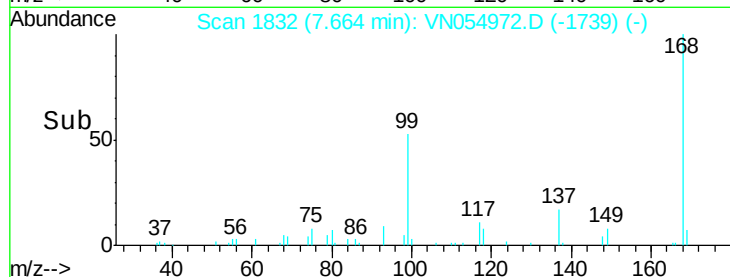
15000

10000

5000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#3

Chloromethane

Concen: 0.540 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.01 min

Lab File: VN054972.D

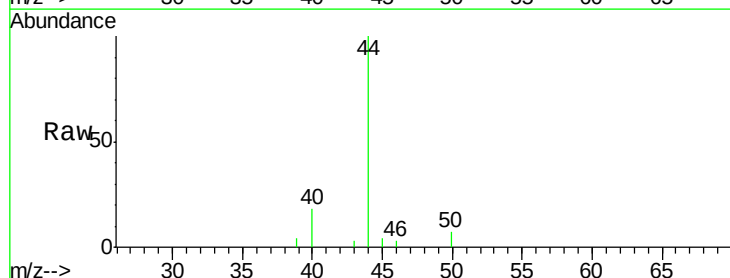
Acq: 5 Apr 2019 15:20

Tgt Ion: 50 Resp: 412

Ion Ratio Lower Upper

50 100

52 0.0 26.2 39.4#



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.06

400

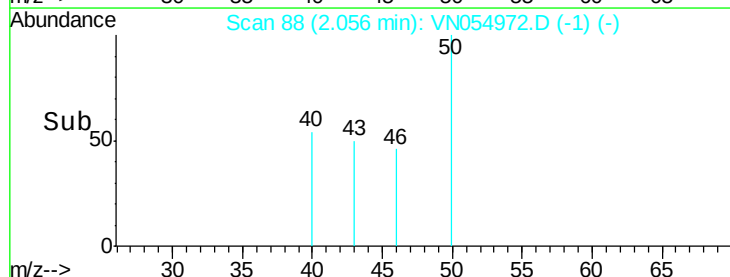
300

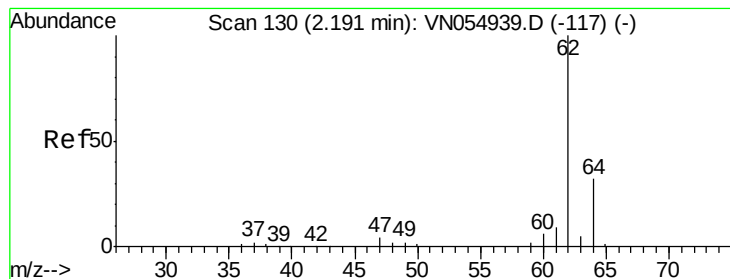
200

100

0

Time--> 2.03 2.04 2.05 2.06 2.07





#4

Vinyl Chloride

Concen: 0.791 ug/l

RT: 2.00 min Scan# 69

Delta R.T. -0.20 min

Lab File: VN054972.D

Acq: 5 Apr 2019 15:20

Instrument :

MSVOA_N

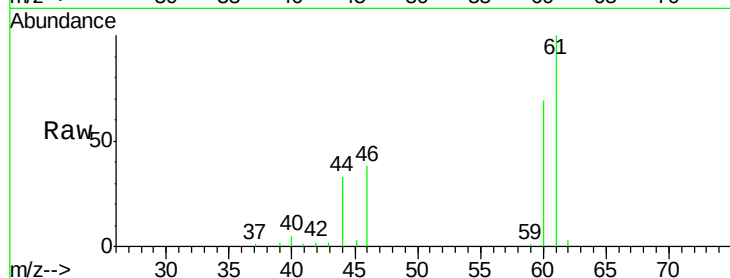
ClientSampled :

Tot Ion: 62 Resp: 527

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

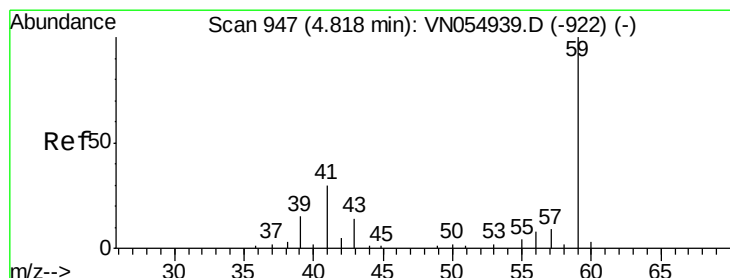
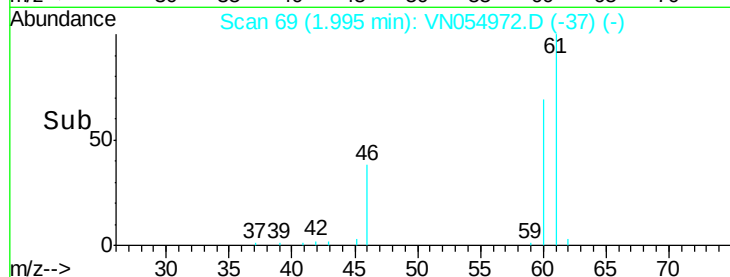
300

200

100

0

Time--> 1.96 1.98 2.00 2.02



#11

Tert butyl alcohol

Concen: 2.011 ug/l

RT: 4.78 min Scan# 936

Delta R.T. -0.04 min

Lab File: VN054972.D

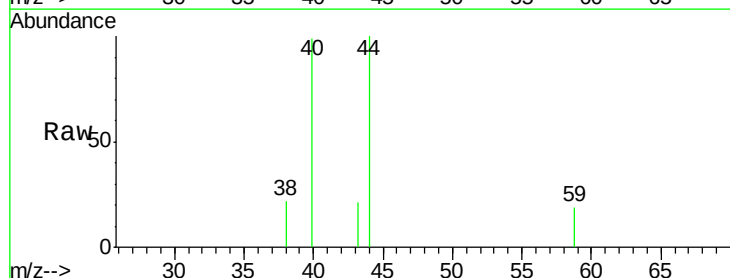
Acq: 5 Apr 2019 15:20

Tgt Ion: 59 Resp: 66

Ion Ratio Lower Upper

59 100

57 0.0 5.0 7.4#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.78

200

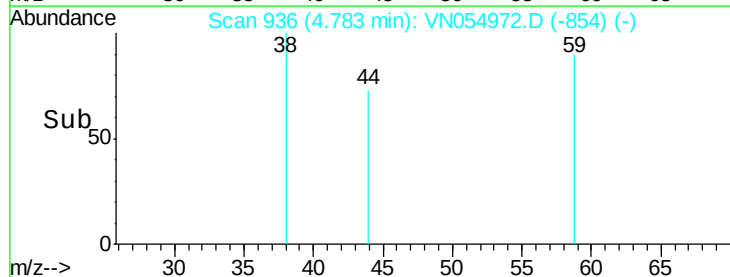
150

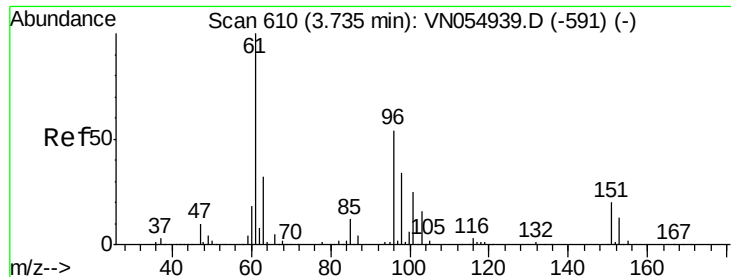
100

50

0

Time--> 4.77 4.78 4.79

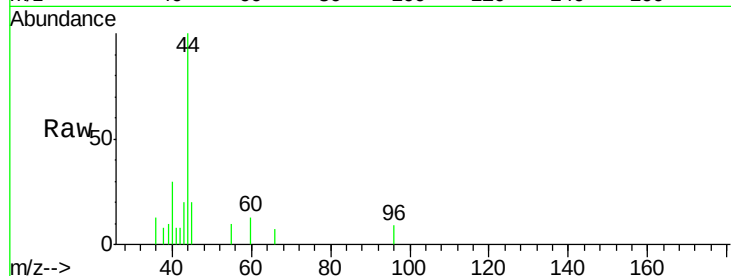




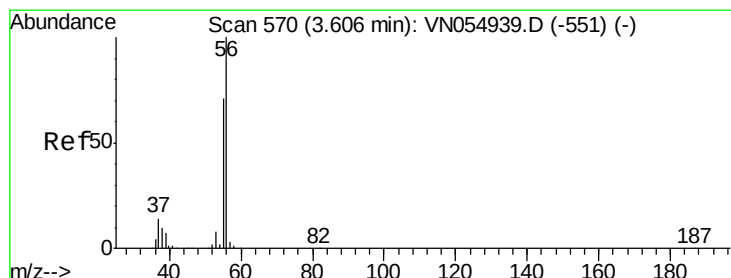
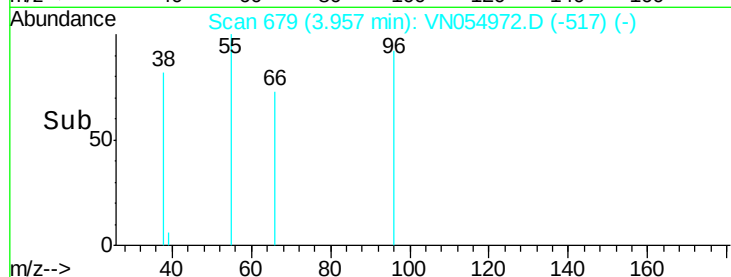
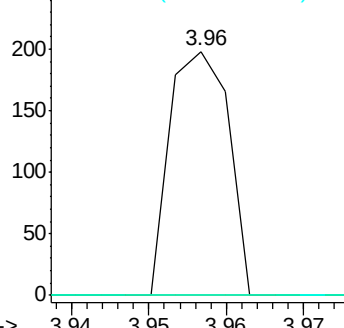
#12
 1,1-Dichloroethene
 Concen: 0.247 ug/l
 RT: 3.96 min Scan# 679
 Delta R.T. 0.22 min
 Lab File: VN054972.D
 Acq: 5 Apr 2019 15:20

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
96	100		
61	0.0	148.2	222.2#
98	0.0	50.2	75.4#

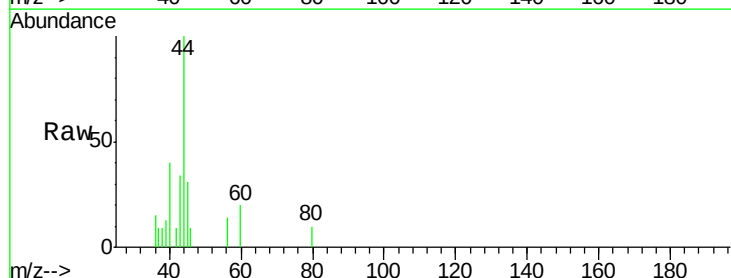


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

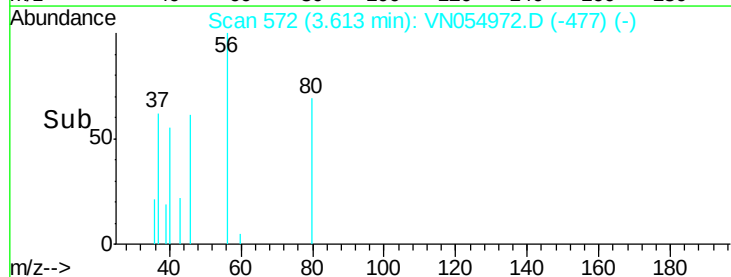
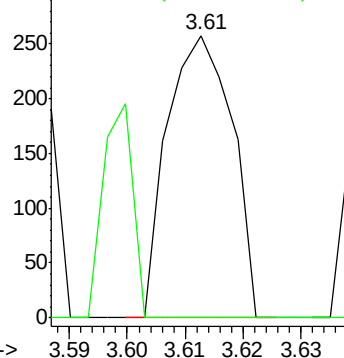


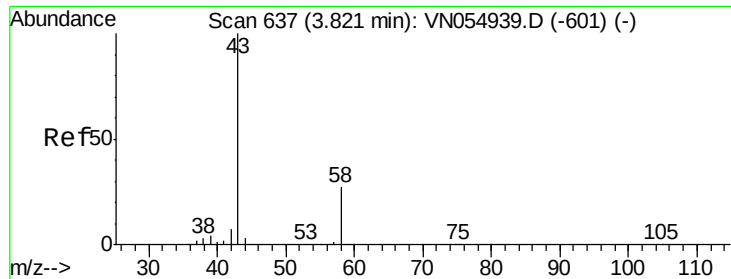
#13
 Acrolein
 Concen: 8.097 ug/l
 RT: 3.61 min Scan# 572
 Delta R.T. 0.01 min
 Lab File: VN054972.D
 Acq: 5 Apr 2019 15:20

Tgt Ion	Ratio	Lower	Upper
56	100		
55	0.0	58.6	87.8#



Abundance Ion 56.00 (55.70 to 56.70): VN0
 Ion 55.00 (54.70 to 55.70): VN0





#16

Acetone

Concen: Below Cal

RT: 3.82 min Scan# 635

Delta R.T. -0.01 min

Lab File: VN054972.D

Acq: 5 Apr 2019 15:20

Instrument :

MSVOA_N

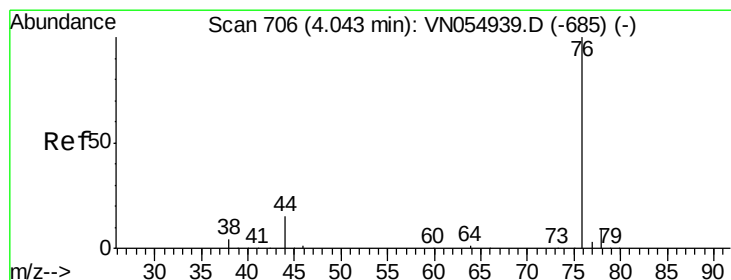
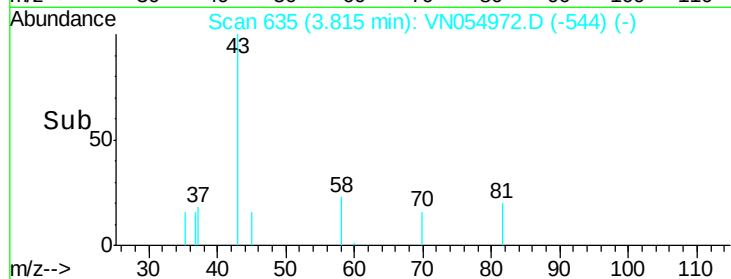
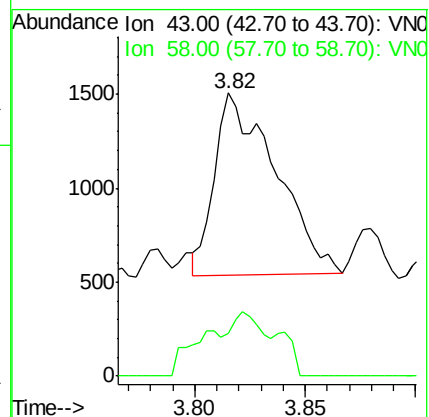
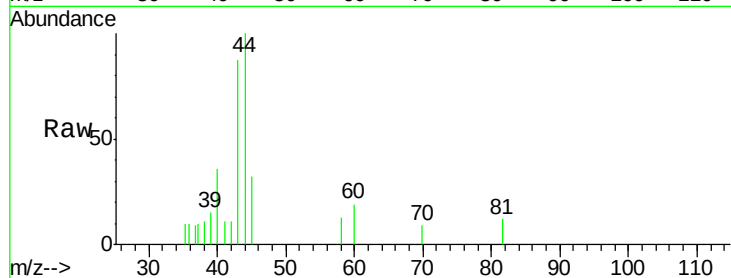
ClientSampled :

Tot Ion: 43 Resp: 1859

Ion Ratio Lower Upper

43 100

58 23.6 21.7 32.5



#17

Carbon Disulfide

Concen: 0.449 ug/l

RT: 4.04 min Scan# 705

Delta R.T. -0.00 min

Lab File: VN054972.D

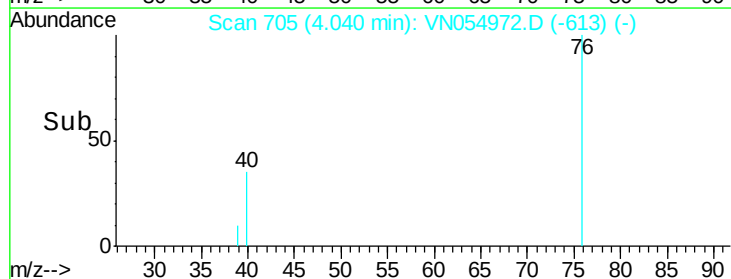
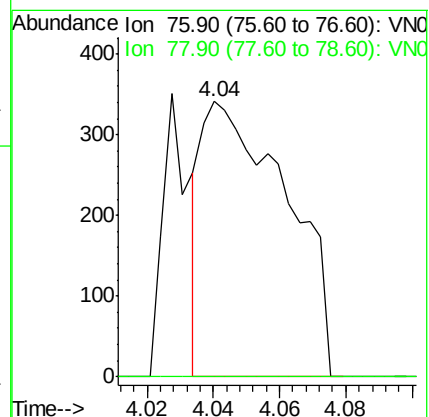
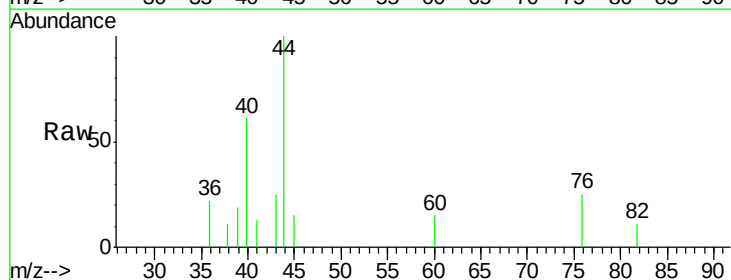
Acq: 5 Apr 2019 15:20

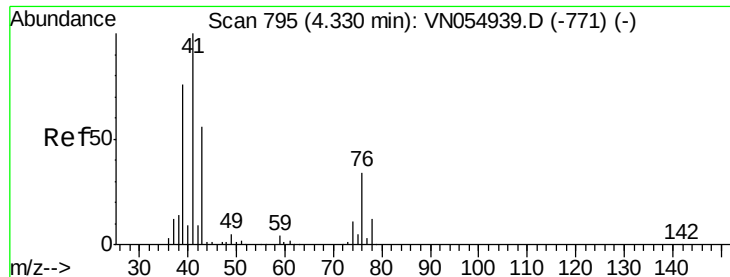
Tgt Ion: 76 Resp: 608

Ion Ratio Lower Upper

76 100

78 0.0 7.1 10.7#

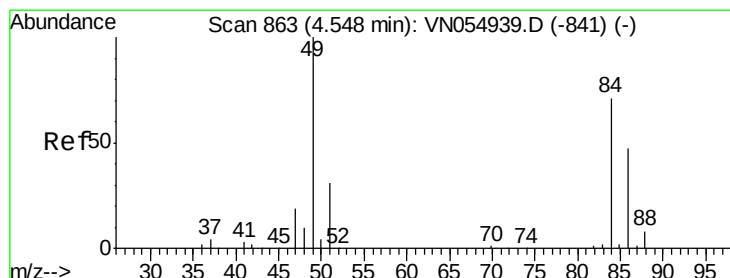
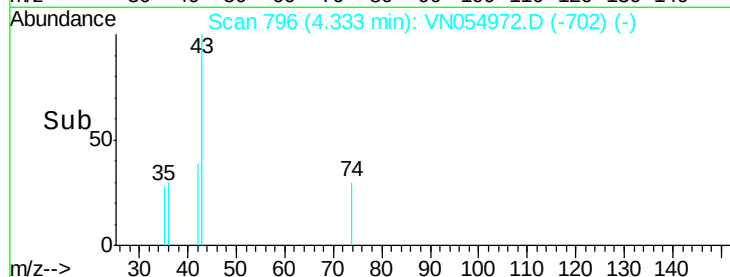
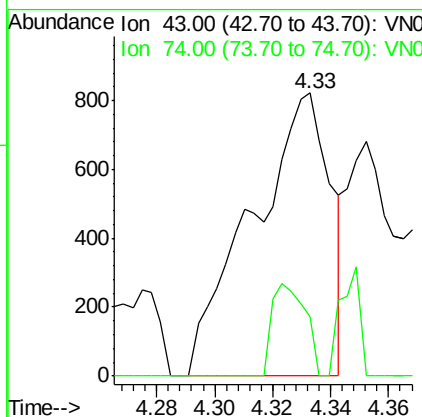
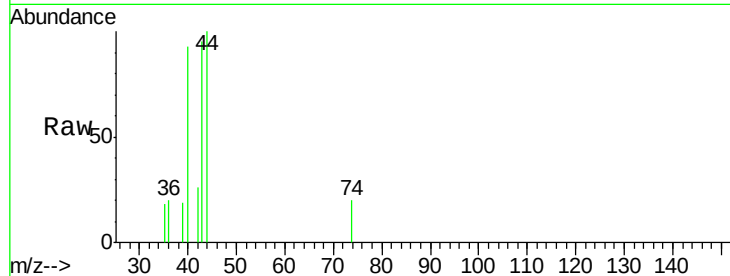




#18
Methyl Acetate
Concen: 2.346 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.00 min
Lab File: VN054972.D
Acq: 5 Apr 2019 15:20

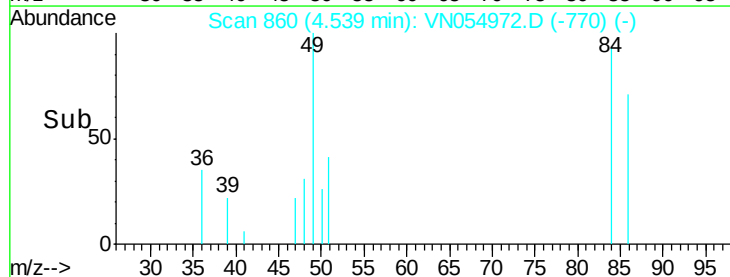
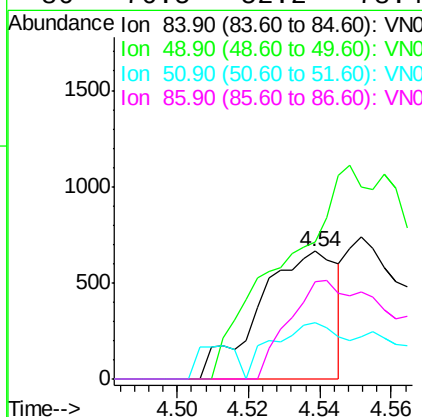
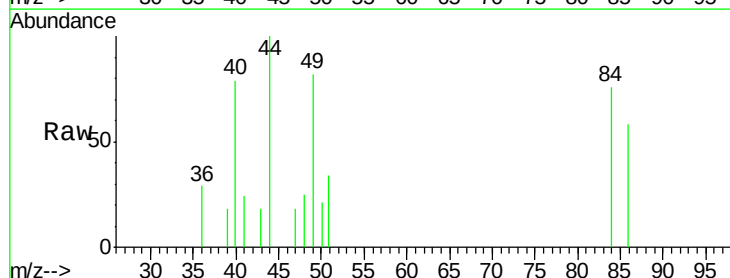
Instrument :
MSVOA_N
ClientSampled :

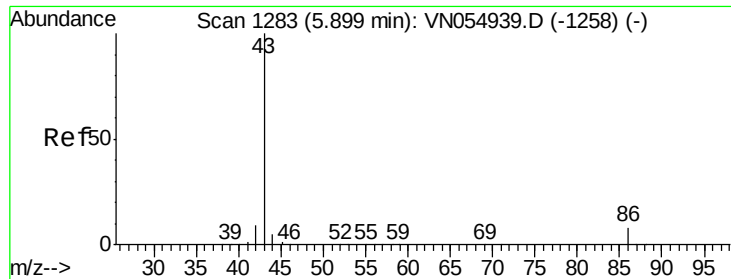
Tot Ion: 43 Resp: 1543
Ion Ratio Lower Upper
43 100
74 14.0 16.4 24.6#



#20
Methylene Chloride
Concen: 1.709 ug/l
RT: 4.54 min Scan# 860
Delta R.T. -0.01 min
Lab File: VN054972.D
Acq: 5 Apr 2019 15:20

Tgt Ion: 84 Resp: 1009
Ion Ratio Lower Upper
84 100
49 107.2 112.1 168.1#
51 44.5 34.5 51.7
86 76.5 52.2 78.4





#23

Vinyl Acetate

Concen: 0.240 ug/l

RT: 5.92 min Scan# 1290

Delta R.T. 0.02 min

Lab File: VN054972.D

Acq: 5 Apr 2019 15:20

Instrument :

MSVOA_N

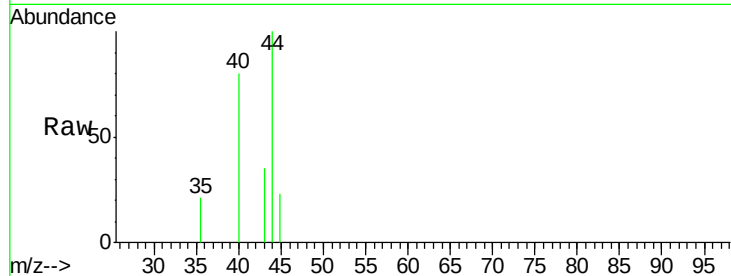
ClientSampled :

Tot Ion: 43 Resp: 323

Ion Ratio Lower Upper

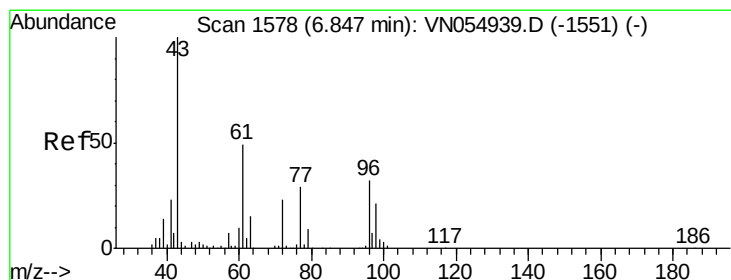
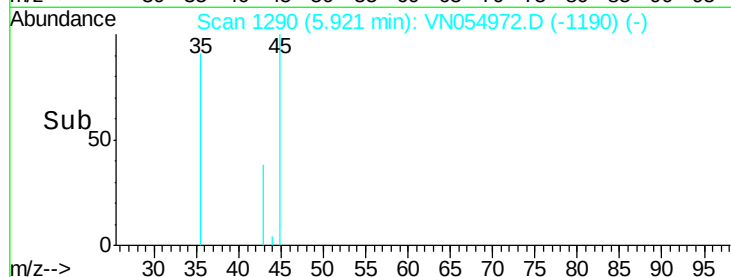
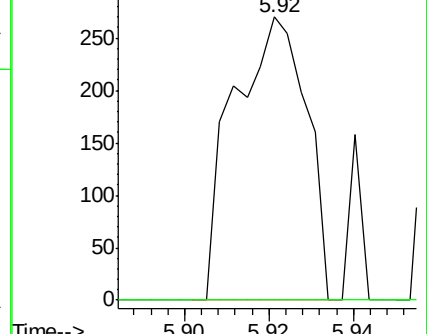
43 100

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: 0.285 ug/l

RT: 6.85 min Scan# 1580

Delta R.T. 0.01 min

Lab File: VN054972.D

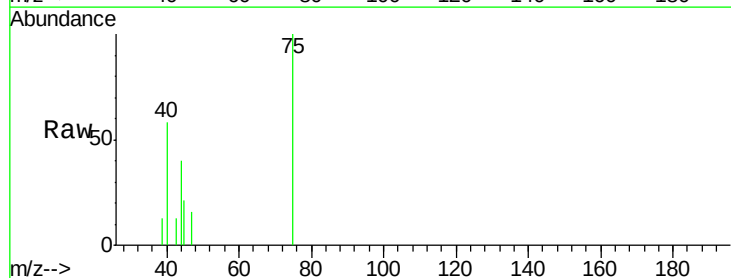
Acq: 5 Apr 2019 15:20

Tgt Ion: 43 Resp: 68

Ion Ratio Lower Upper

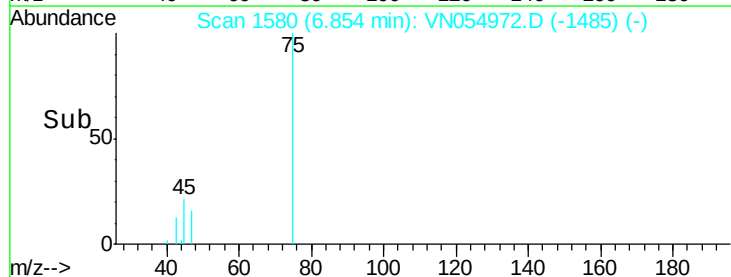
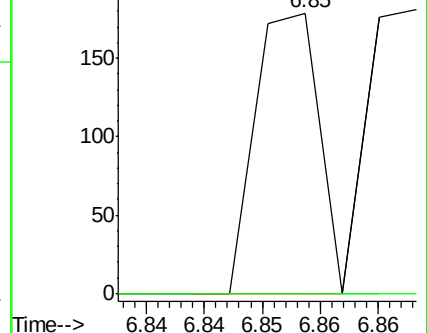
43 100

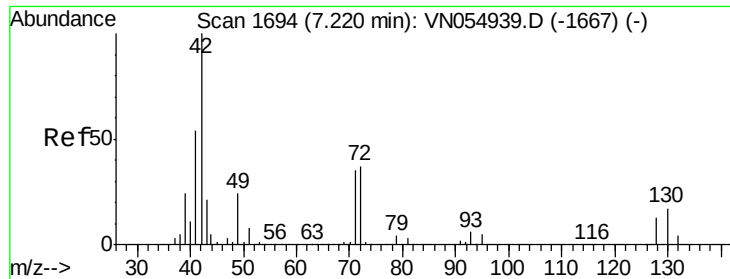
72 0.0 18.3 27.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

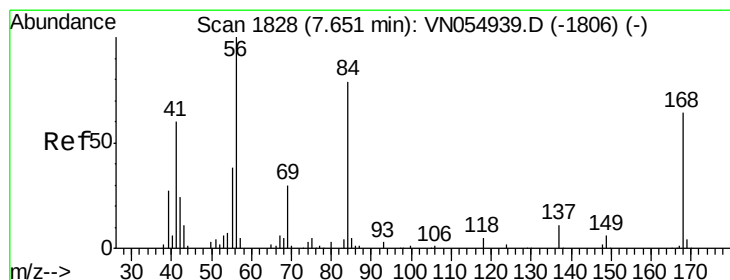
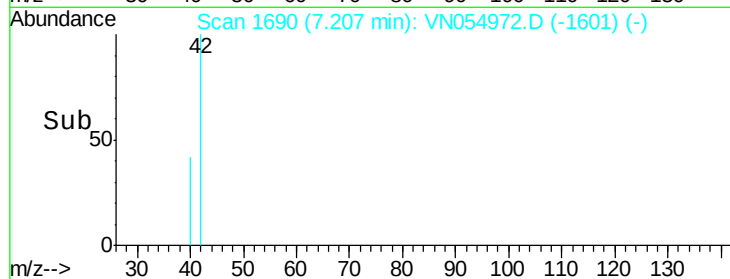
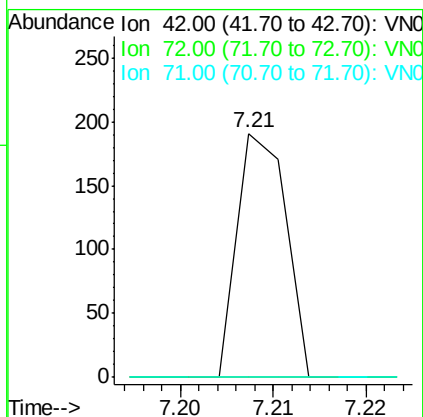
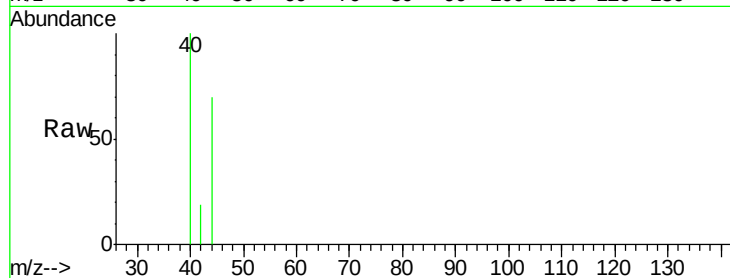




#29
Tetrahydrofuran
Concen: 0.447 ug/l
RT: 7.21 min Scan# 1690
Delta R.T. -0.01 min
Lab File: VN054972.D
Acq: 5 Apr 2019 15:20

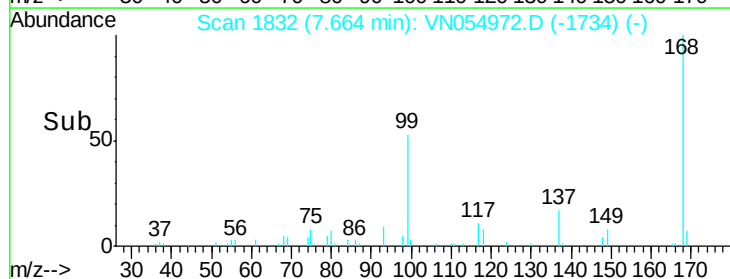
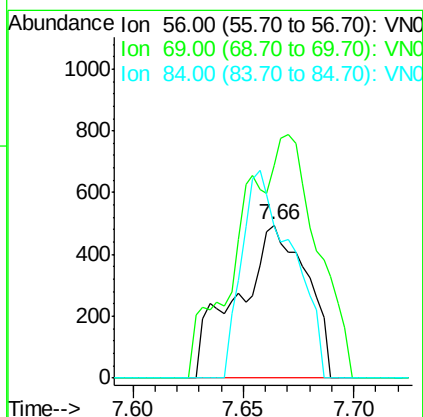
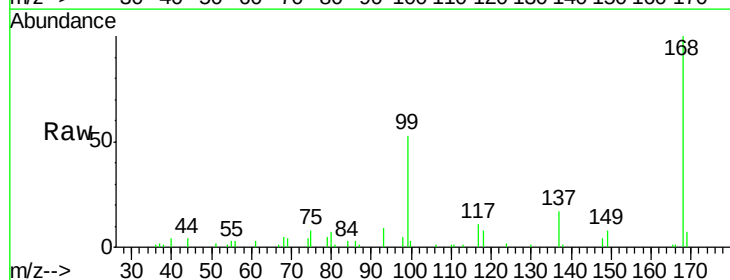
Instrument :
MSVOA_N
ClientSampleId :

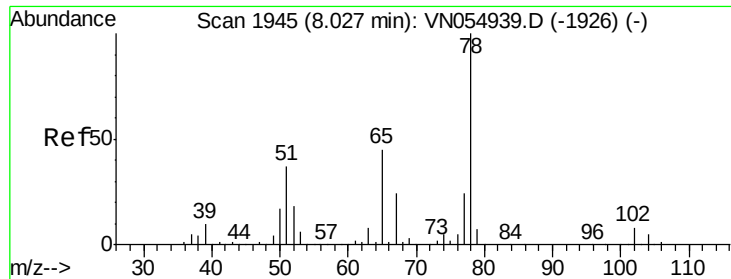
Tot Ion: 42 Resp: 70
Ion Ratio Lower Upper
42 100
72 0.0 29.3 43.9#
71 0.0 27.8 41.6#



#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN054972.D
Acq: 5 Apr 2019 15:20

Tgt Ion: 56 Resp: 1086
Ion Ratio Lower Upper
56 100
69 139.1 23.8 35.6#
84 98.6 61.8 92.8#

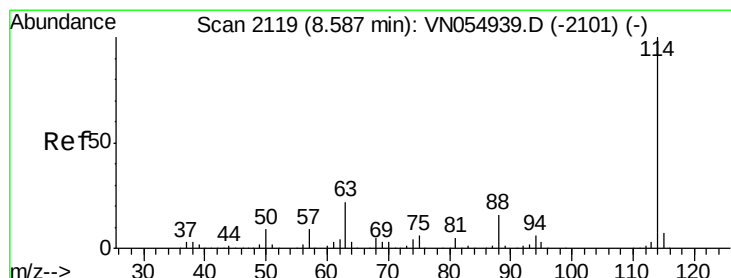
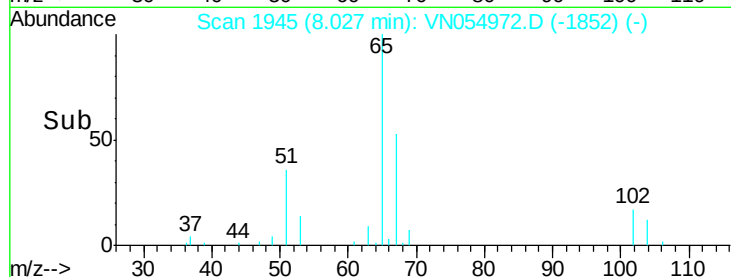
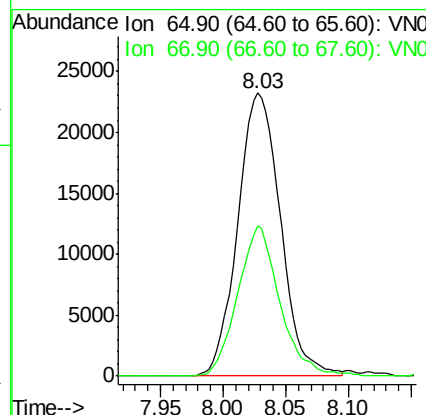
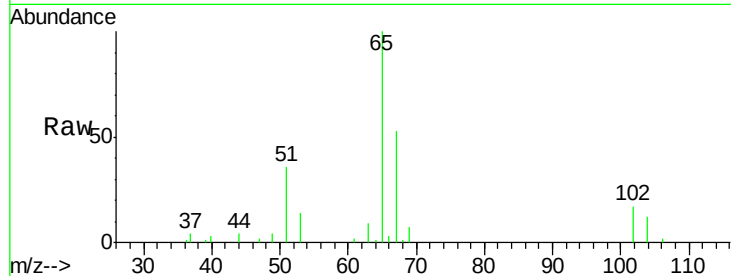




#33
 1,2-Dichloroethane-d4
 Concen: 86.576 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054972.D
 Acq: 5 Apr 2019 15:20

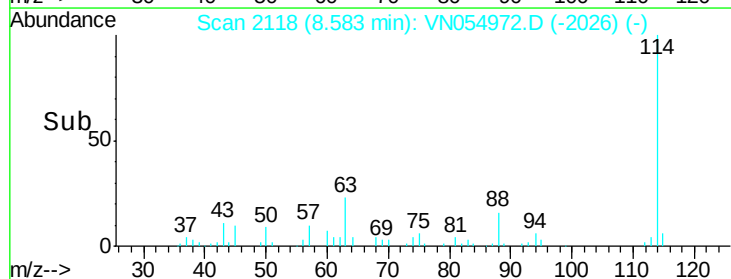
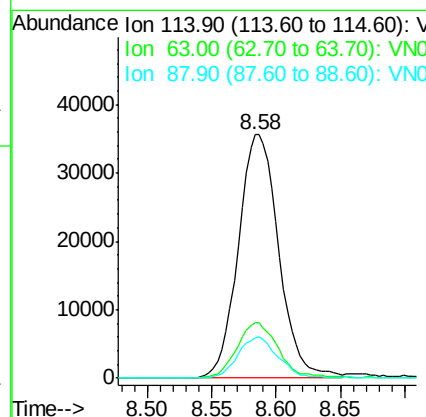
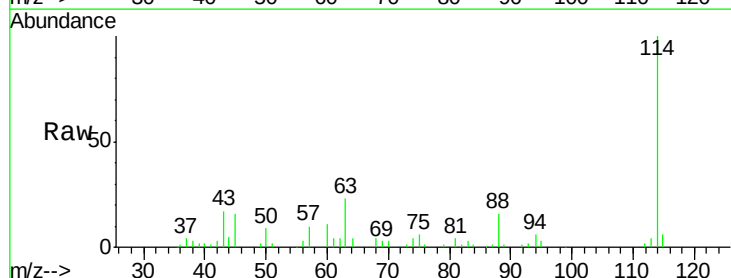
Instrument :
 MSVOA_N
 ClientSampled :

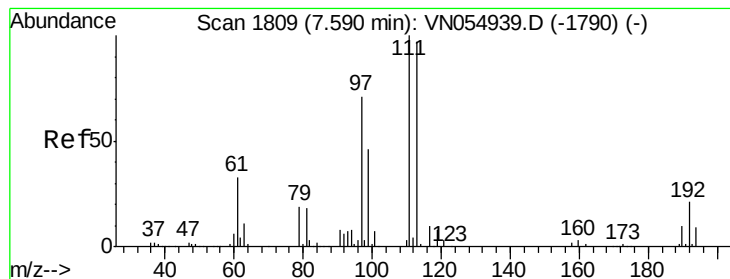
Tot Ion: 65 Resp: 55059
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN054972.D
 Acq: 5 Apr 2019 15:20

Tgt Ion: 114 Resp: 77698
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 44.6
 88 16.4 0.0 32.0





#35

Dibromofluoromethane

Concen: 79.072 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054972.D

Acq: 5 Apr 2019 15:20

Instrument :

MSVOA_N

ClientSampleId :

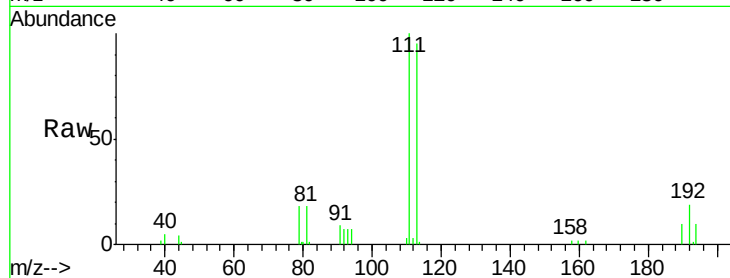
Tot Ion:113 Resp: 39993

Ion Ratio Lower Upper

113 100

111 103.1 81.0 121.4

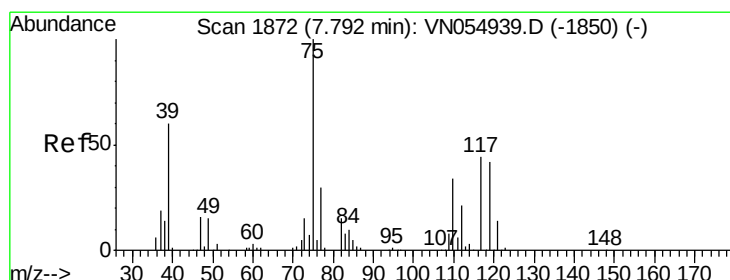
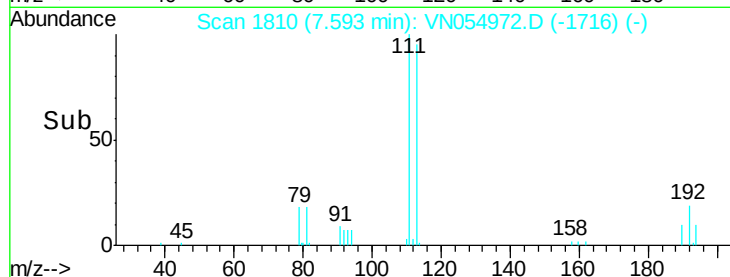
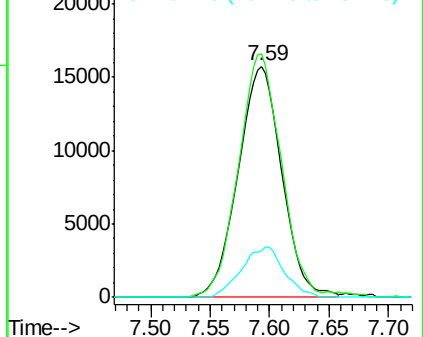
192 21.3 16.5 24.7



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



#36

1,1-Dichloropropene

Concen: 5.002 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. -0.12 min

Lab File: VN054972.D

Acq: 5 Apr 2019 15:20

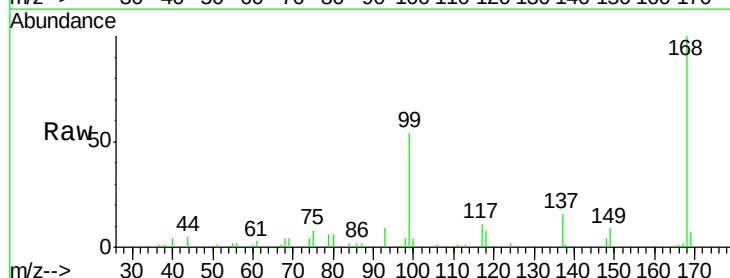
Tgt Ion: 75 Resp: 3851

Ion Ratio Lower Upper

75 100

110 0.9 17.0 50.9#

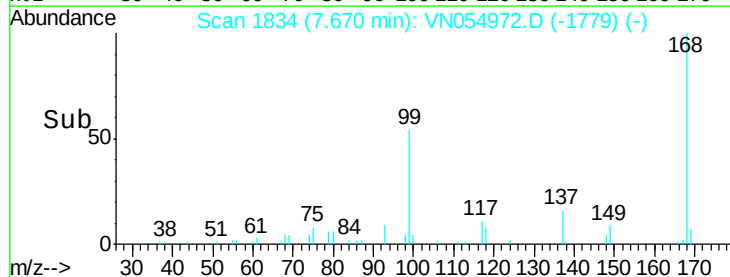
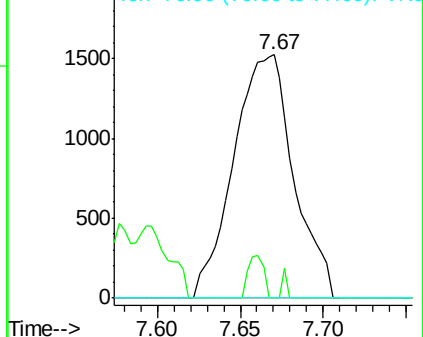
77 0.0 25.3 37.9#

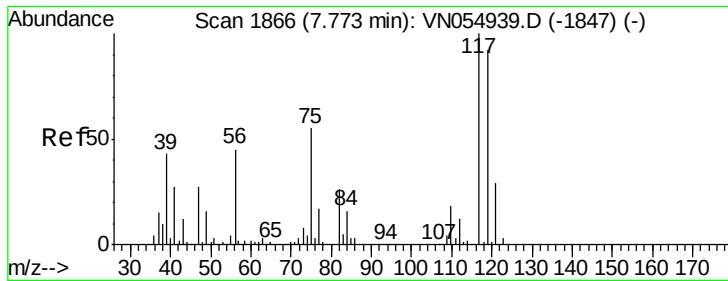


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 6.928 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN054972.D

Acq: 5 Apr 2019 15:20

Instrument :

MSVOA_N

ClientSampleId :

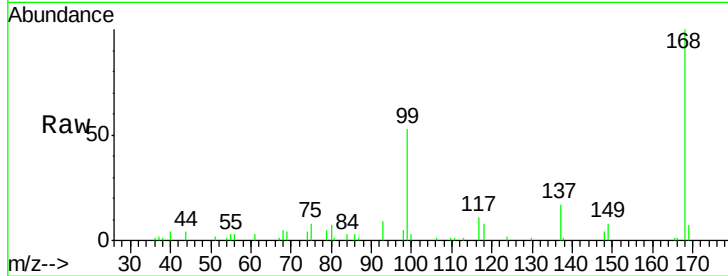
Tot Ion:117 Resp: 5151

Ion Ratio Lower Upper

117 100

119 0.0 73.6 110.4#

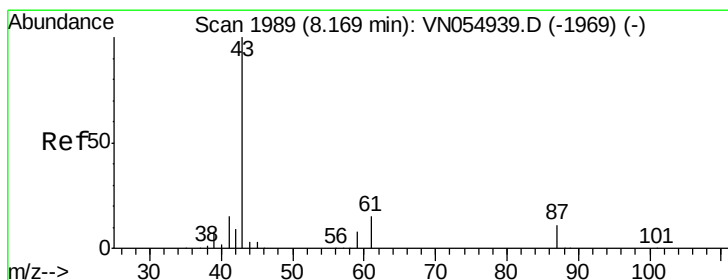
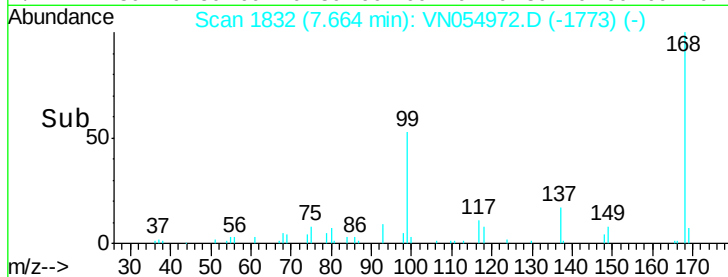
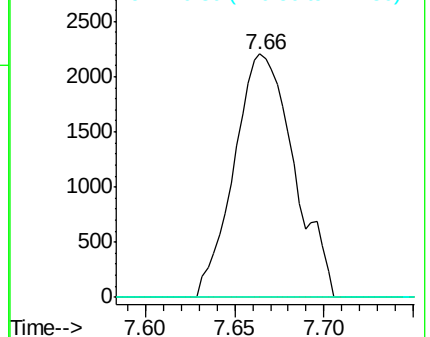
121 0.0 23.4 35.0#



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



#43

Isopropyl Acetate

Concen: 8.397 ug/l

RT: 8.29 min Scan# 2027

Delta R.T. 0.12 min

Lab File: VN054972.D

Acq: 5 Apr 2019 15:20

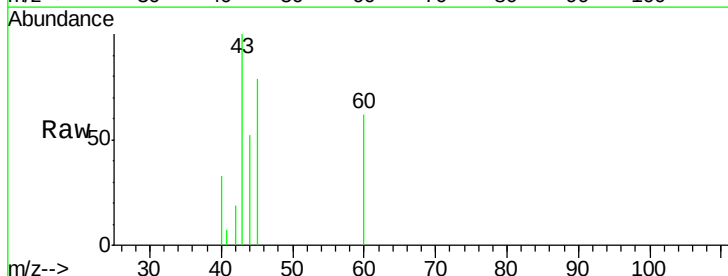
Tgt Ion: 43 Resp: 7477

Ion Ratio Lower Upper

43 100

61 0.0 14.4 21.6#

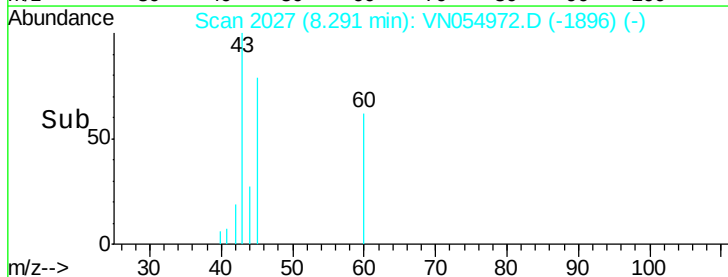
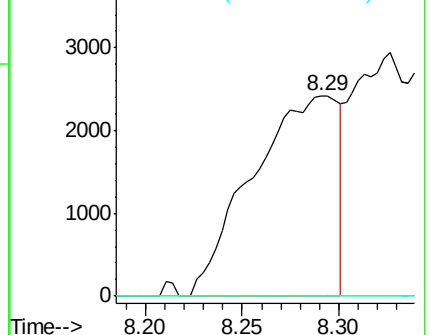
87 0.0 9.0 13.4#

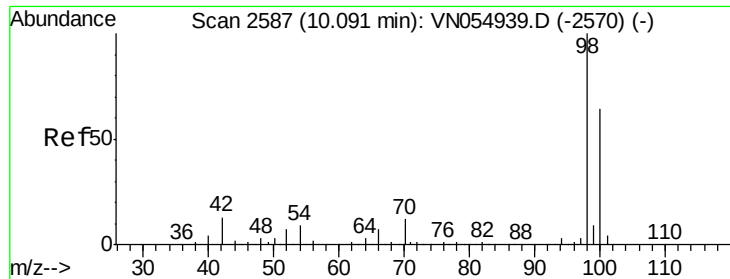


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 34.623 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054972.D

Acq: 5 Apr 2019 15:20

Instrument :

MSVOA_N

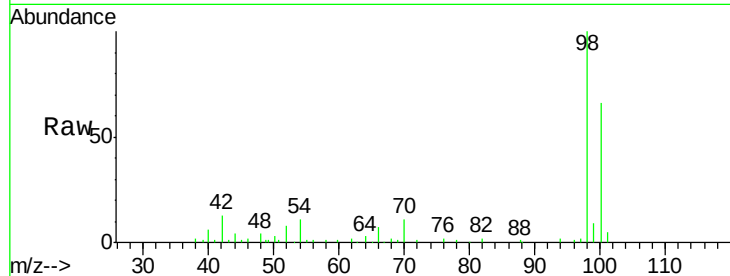
ClientSampled :

Tot Ion: 98 Resp: 66446

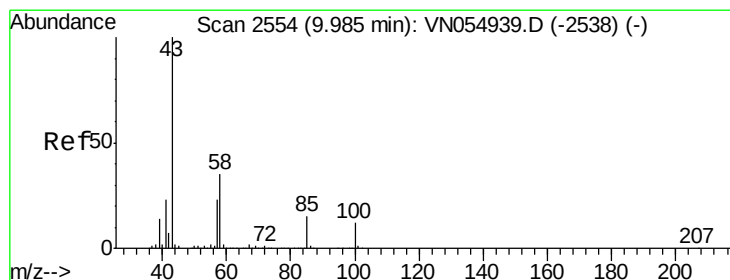
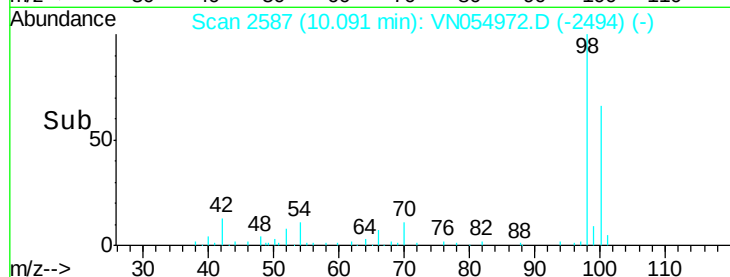
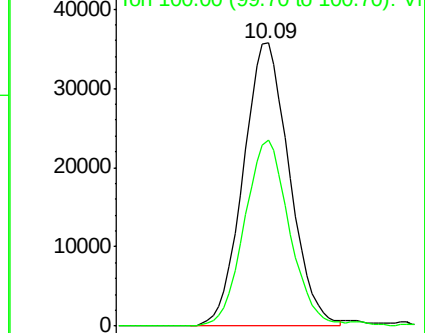
Ion Ratio Lower Upper

98 100

100 63.8 51.5 77.3



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



#51

4-Methyl-2-Pentanone

Concen: 0.368 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. -0.01 min

Lab File: VN054972.D

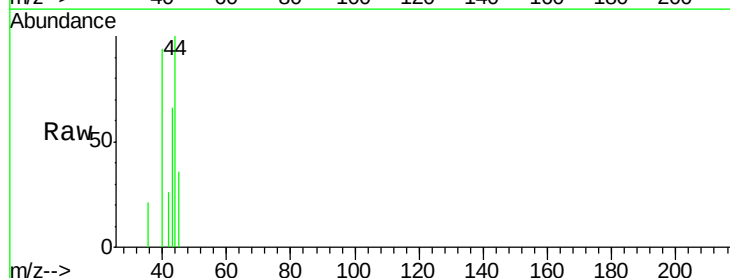
Acq: 5 Apr 2019 15:20

Tgt Ion: 43 Resp: 183

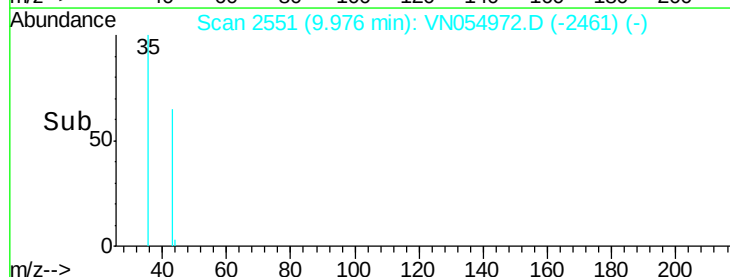
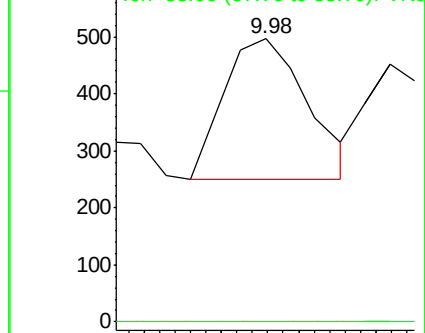
Ion Ratio Lower Upper

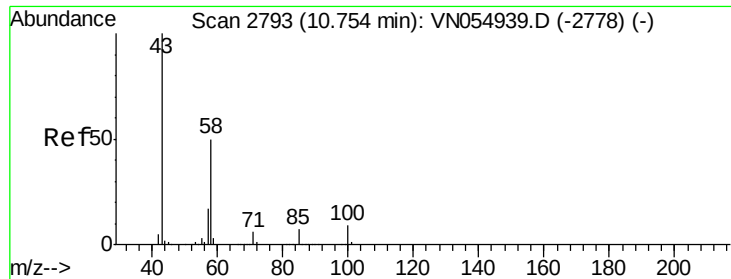
43 100

58 0.0 28.3 42.5#



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

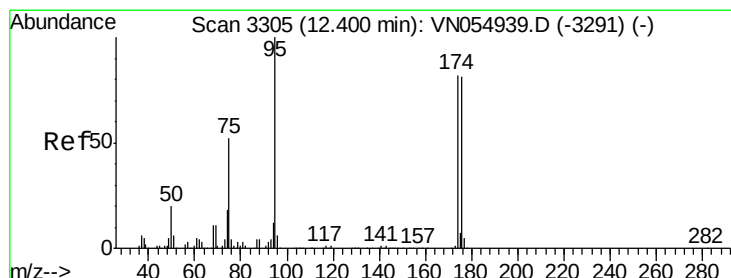
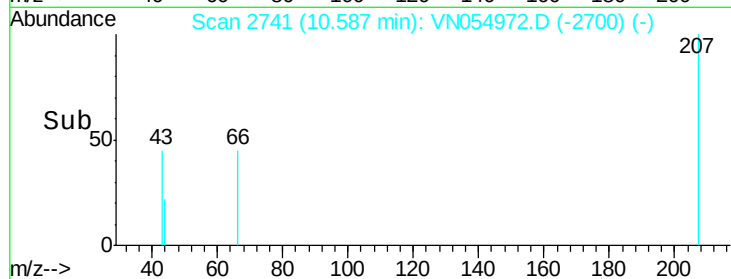
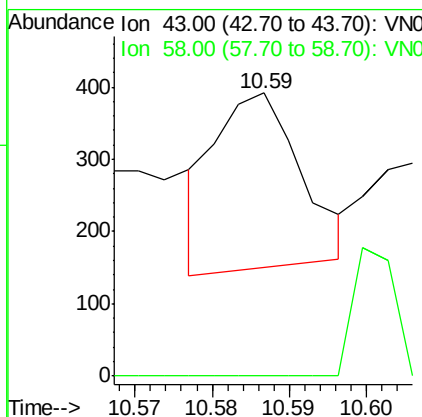
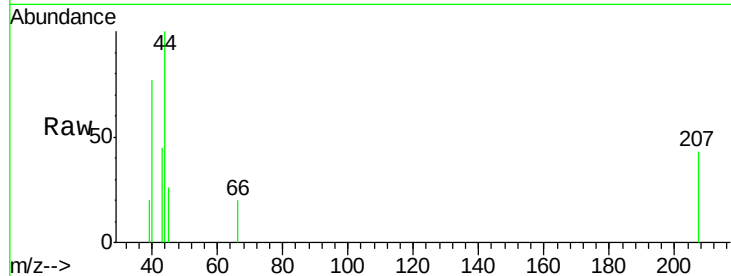




#59
2-Hexanone
Concen: 0.609 ug/l
RT: 10.59 min Scan# 2741
Delta R.T. -0.17 min
Lab File: VN054972.D
Acq: 5 Apr 2019 15:20

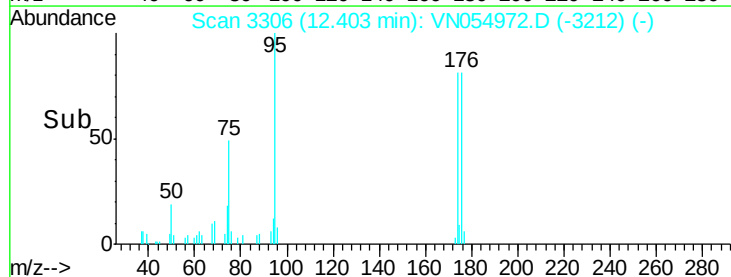
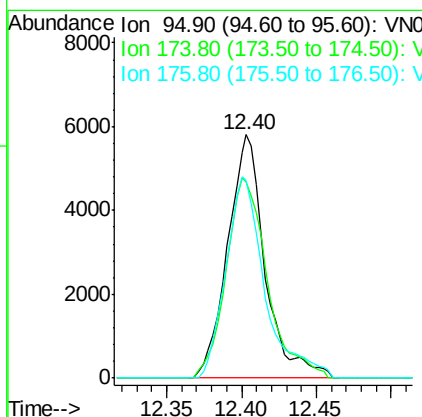
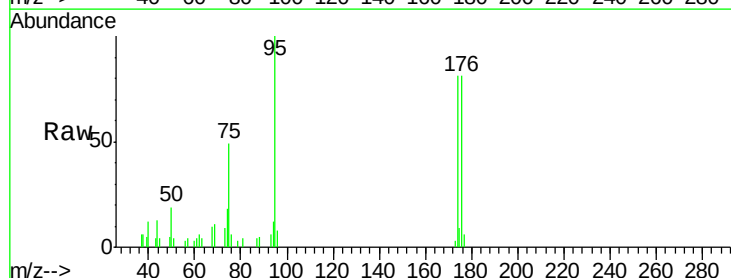
Instrument :
MSVOA_N
ClientSampled :

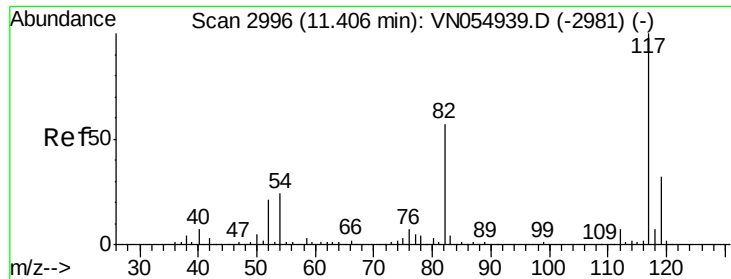
Tot Ion: 43 Resp: 189
Ion Ratio Lower Upper
43 100
58 34.4 24.6 73.8



#62
4-Bromofluorobenzene
Concen: 15.767 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN054972.D
Acq: 5 Apr 2019 15:20

Tgt Ion: 95 Resp: 10098
Ion Ratio Lower Upper
95 100
174 90.9 0.0 166.2
176 86.4 0.0 163.2

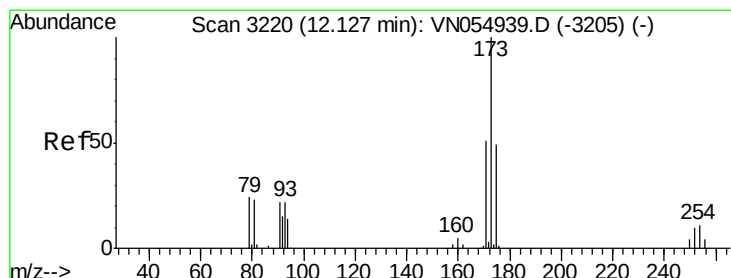
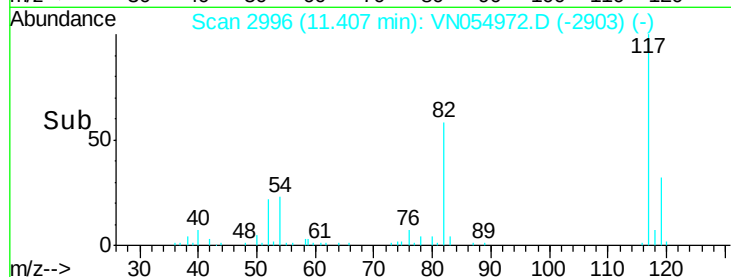
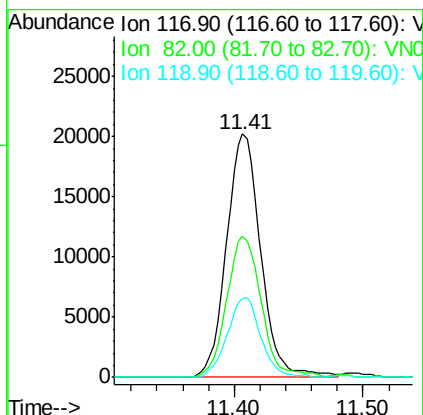
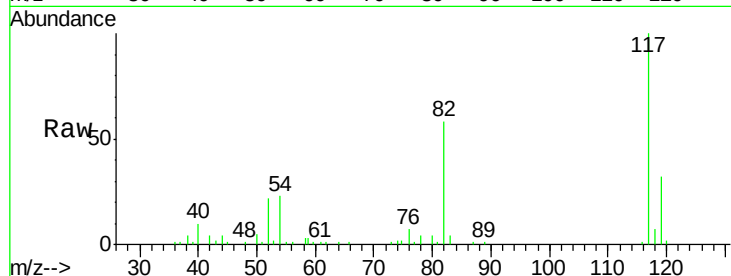




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054972.D
Acq: 5 Apr 2019 15:20

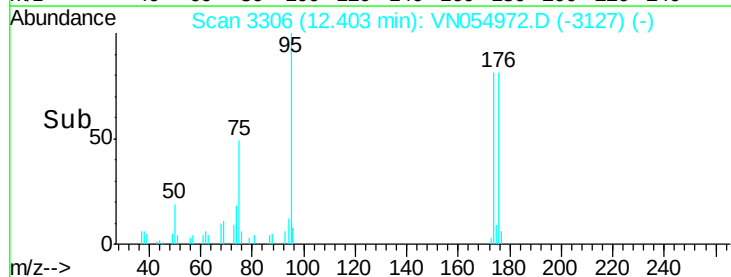
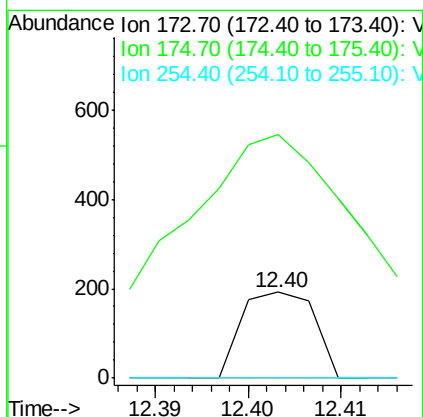
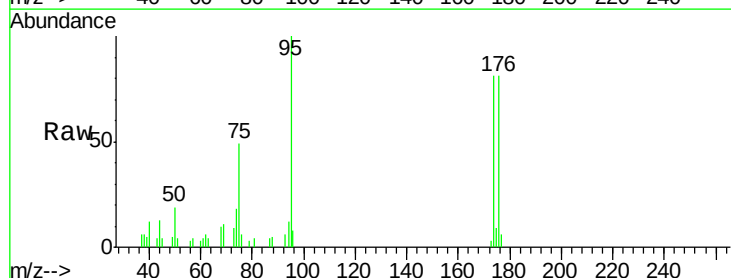
Instrument :
MSVOA_N
ClientSampled :

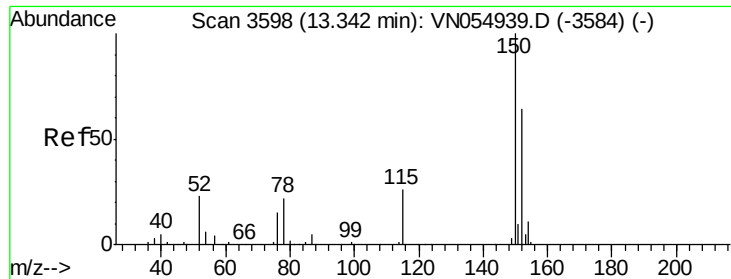
Tot Ion:117 Resp: 37177
Ion Ratio Lower Upper
117 100
82 58.2 45.3 67.9
119 32.3 25.8 38.6



#71
Bromoform
Concen: 0.624 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN054972.D
Acq: 5 Apr 2019 15:20

Tgt Ion:173 Resp: 104
Ion Ratio Lower Upper
173 100
175 658.7 24.1 72.4#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054972.D

Acq: 5 Apr 2019 15:20

Instrument :

MSVOA_N

ClientSampled :

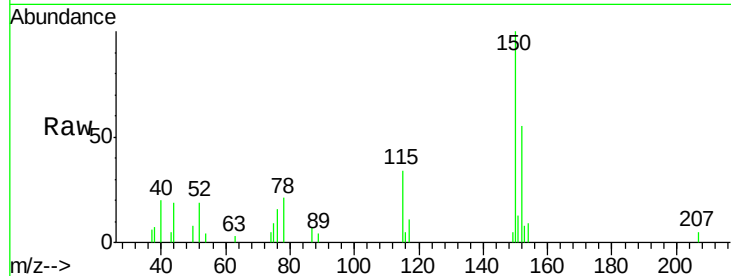
Tot Ion:152 Resp: 4676

Ion Ratio Lower Upper

152 100

115 64.1 28.9 86.8

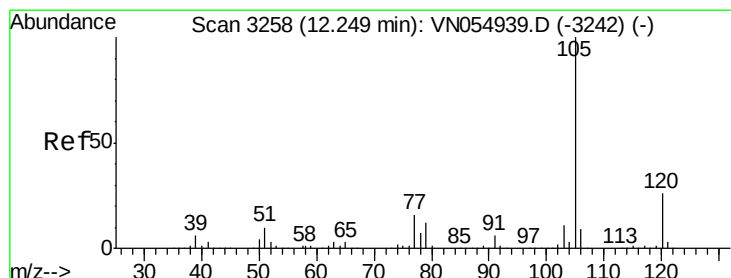
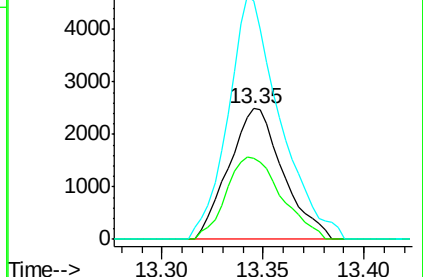
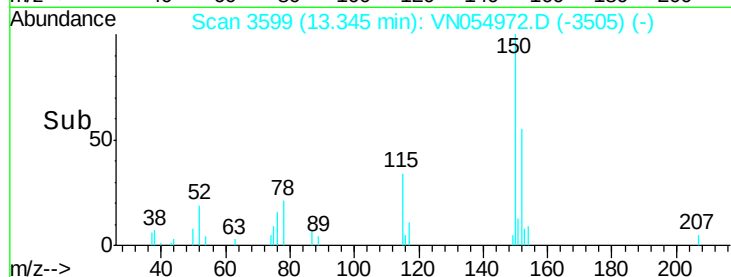
150 177.4 0.0 345.4



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



#73

Isopropylbenzene

Concen: 0.256 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN054972.D

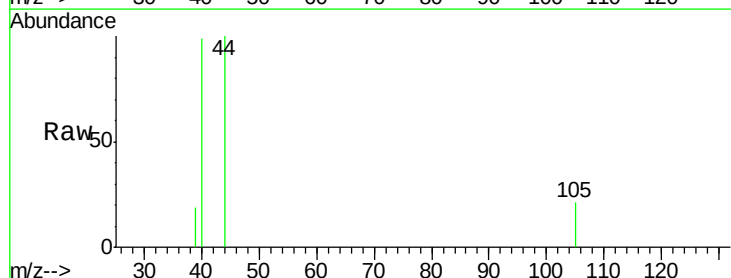
Acq: 5 Apr 2019 15:20

Tgt Ion:105 Resp: 101

Ion Ratio Lower Upper

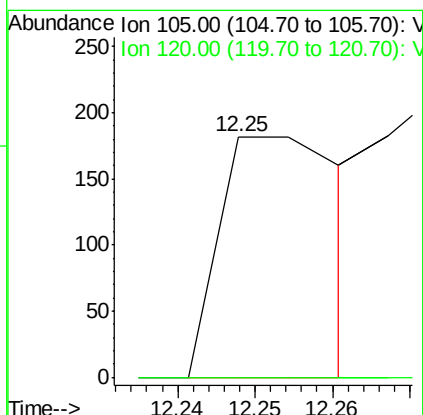
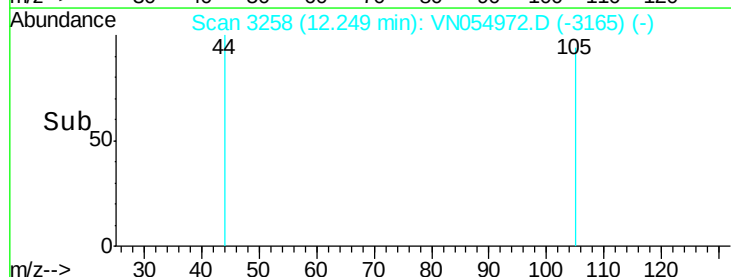
105 100

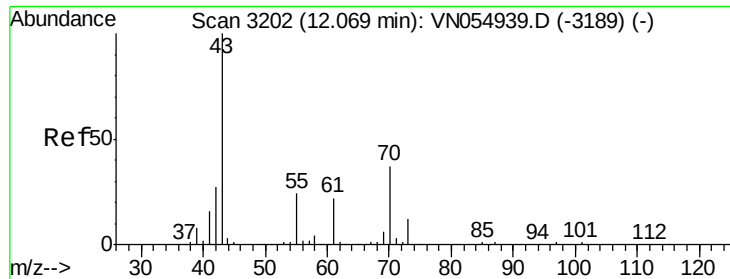
120 0.0 13.0 39.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

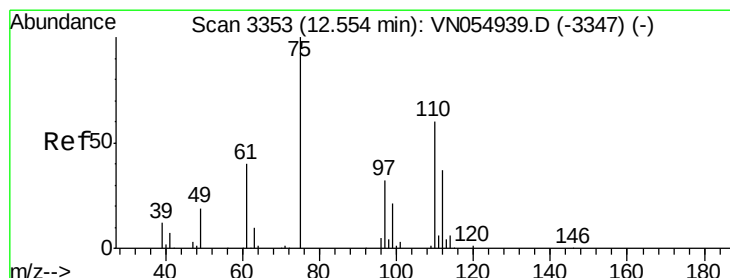
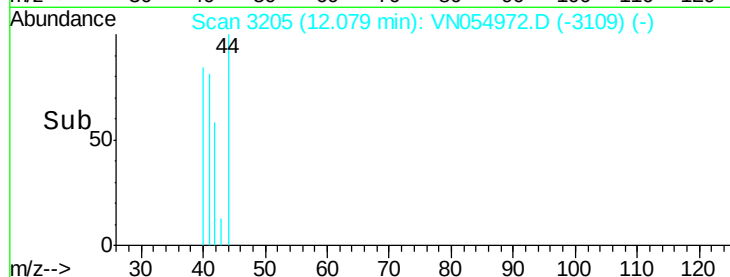
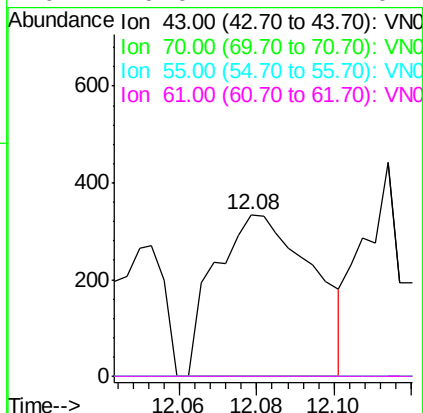
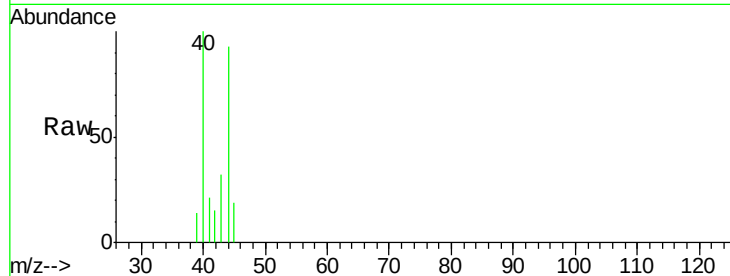




#74
N-amvl acetate
Concen: 5.328 ug/l
RT: 12.08 min Scan# 3205
Delta R.T. 0.01 min
Lab File: VN054972.D
Acq: 5 Apr 2019 15:20

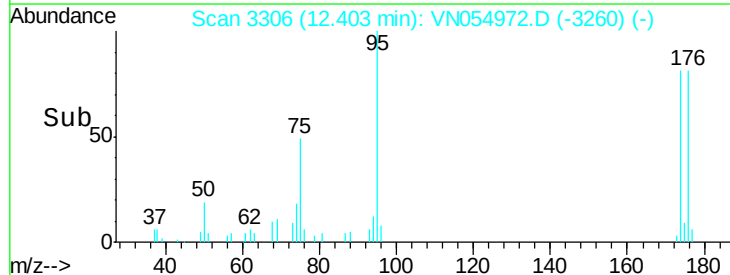
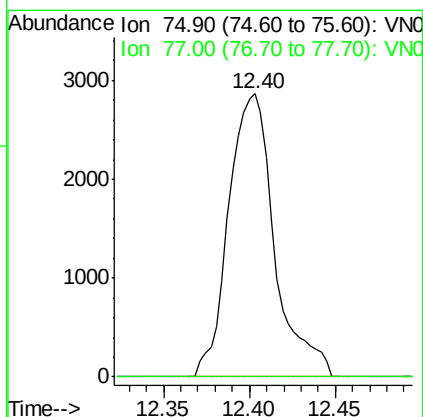
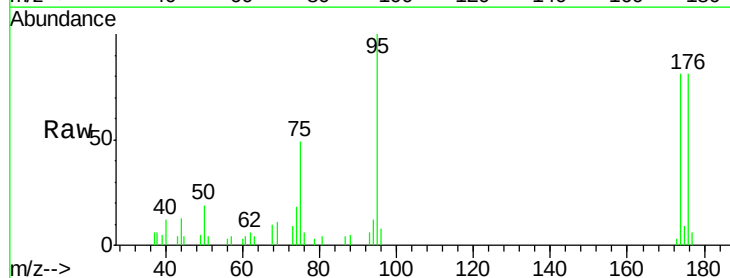
Instrument :
MSVOA_N
ClientSampled :

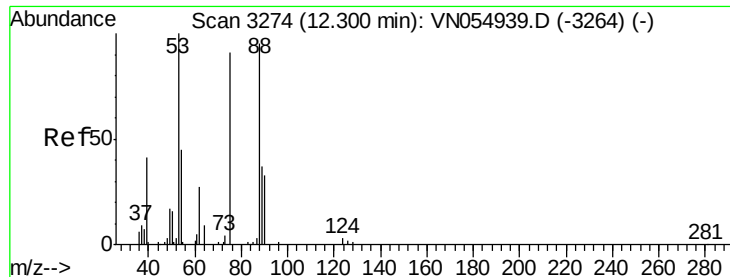
Tot Ion: 43 Resp: 585
Ion Ratio Lower Upper
43 100
70 0.0 29.3 43.9#
55 0.0 19.2 28.8#
61 0.0 17.4 26.2#



#76
1,2,3-Trichloropropane
Concen: 75.885 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.15 min
Lab File: VN054972.D
Acq: 5 Apr 2019 15:20

Tgt Ion: 75 Resp: 5323
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81

trans-1,4-Dichloro-2-butene

Concen: 262.953 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN054972.D

Acq: 5 Apr 2019 15:20

Instrument :

MSVOA_N

ClientSampleId :

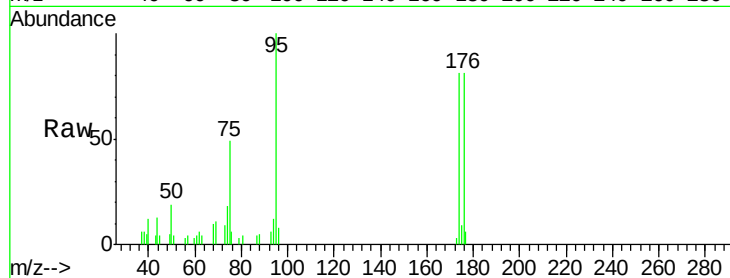
Tot Ion: 75 Resp: 5323

Ion Ratio Lower Upper

75 100

53 0.0 92.8 139.2#

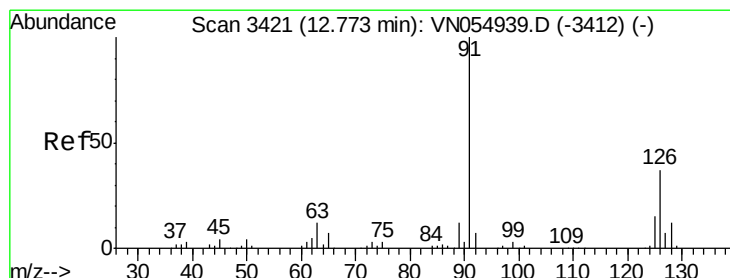
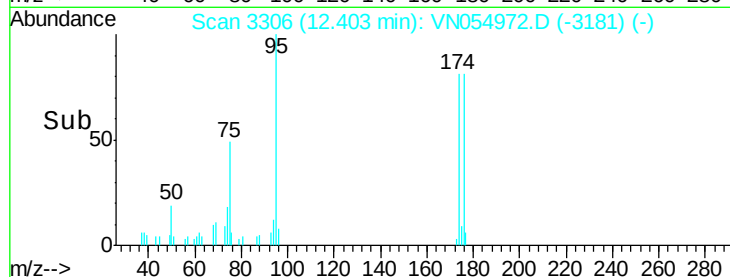
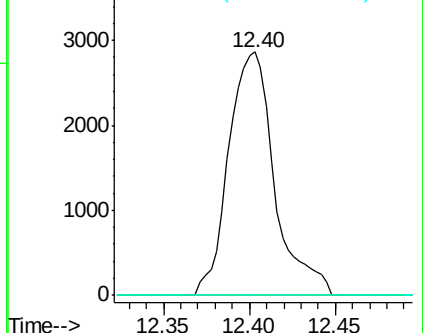
89 0.0 36.7 55.1#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 0.235 ug/l

RT: 12.77 min Scan# 3419

Delta R.T. -0.01 min

Lab File: VN054972.D

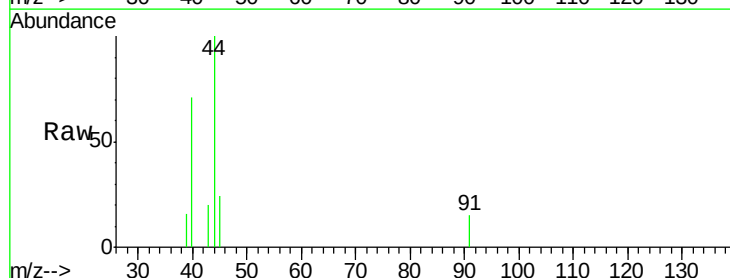
Acq: 5 Apr 2019 15:20

Tgt Ion: 91 Resp: 60

Ion Ratio Lower Upper

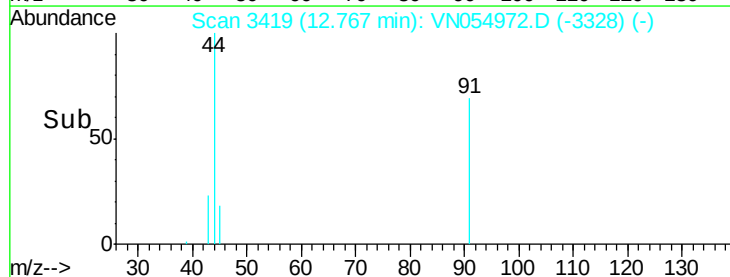
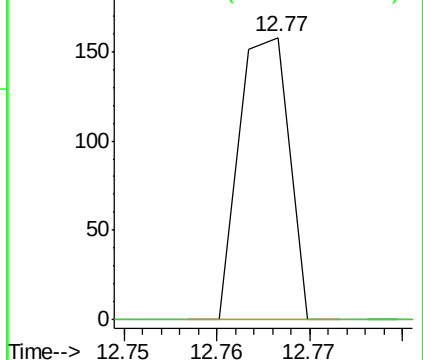
91 100

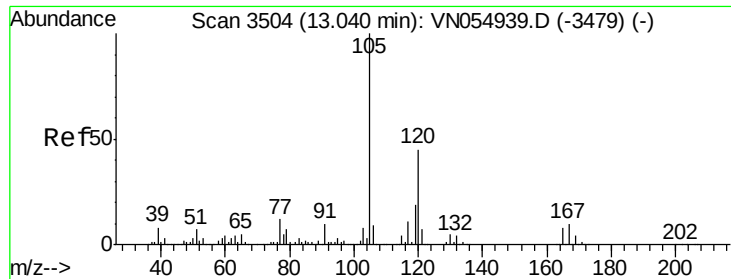
126 0.0 16.9 50.7#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#84

1,2,4-Trimethylbenzene

Concen: 0.210 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.13 min

Lab File: VN054972.D

Acq: 5 Apr 2019 15:20

Instrument :

MSVOA_N

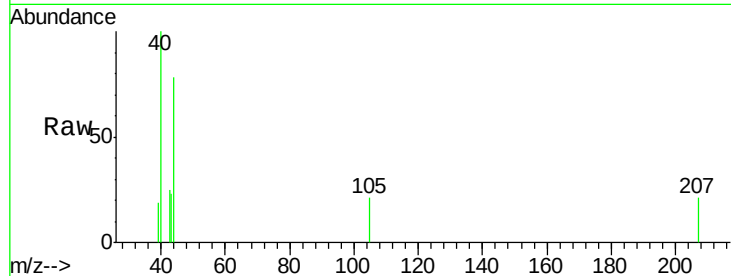
ClientSampled :

Tot Ion: 105 Resp: 66

Ion Ratio Lower Upper

105 100

120 0.0 22.4 67.3#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

13.17

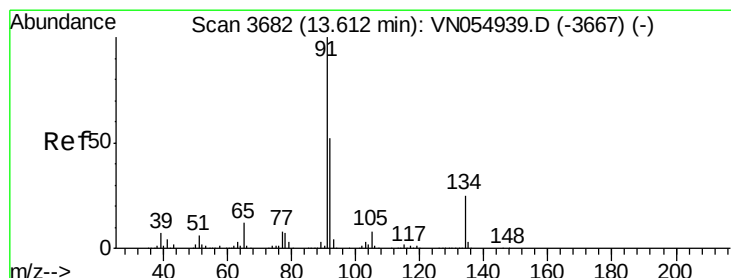
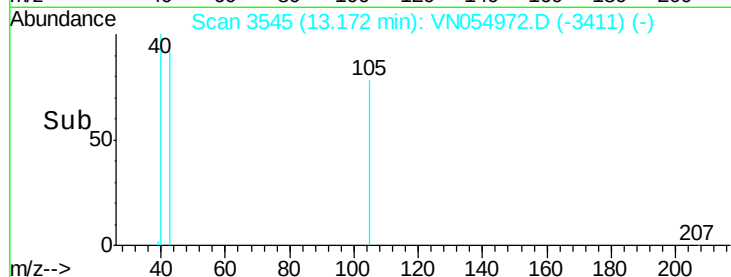
150

100

50

0

Time-->



#89

n-Butylbenzene

Concen: 0.818 ug/l

RT: 13.62 min Scan# 3684

Delta R.T. 0.01 min

Lab File: VN054972.D

Acq: 5 Apr 2019 15:20

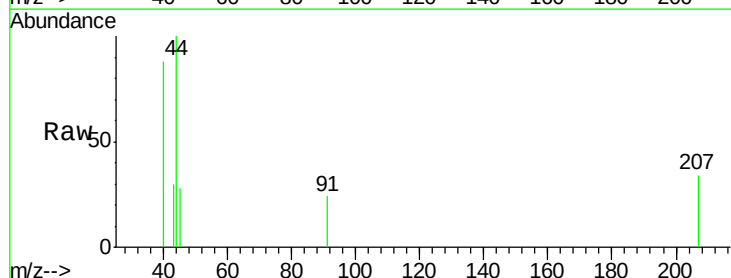
Tgt Ion: 91 Resp: 201

Ion Ratio Lower Upper

91 100

92 0.0 26.1 78.2#

134 0.0 12.6 37.8#



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V

250

200

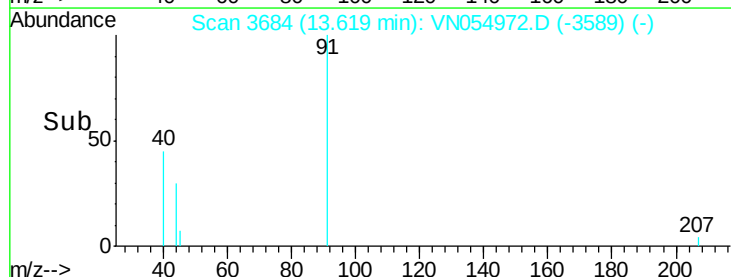
150

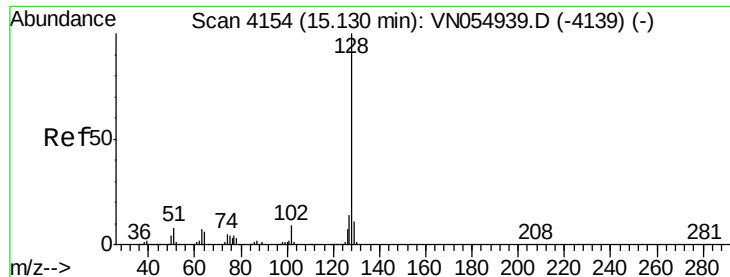
100

50

0

Time-->





#95

Naphthalene

Concen: 4.008 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

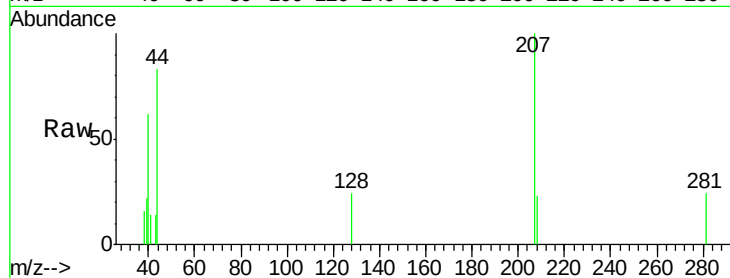
Lab File: VN054972.D

Acq: 5 Apr 2019 15:20

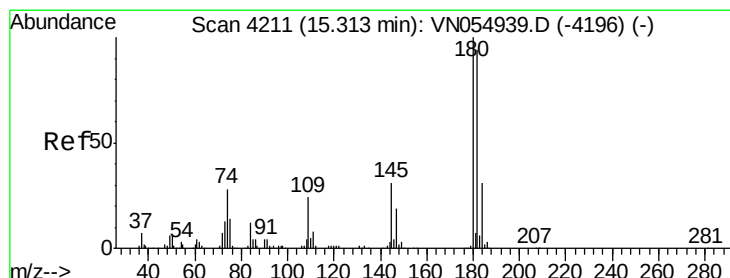
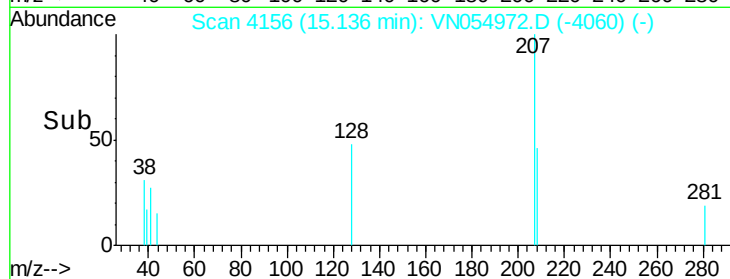
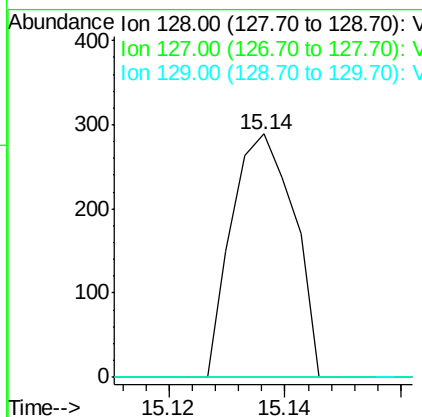
Instrument :

MSVOA_N

ClientSampled :



Tot Ion:	128	Resp:	214
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	0.0	8.6	13.0#



#96

1,2,3-Trichlorobenzene

Concen: 0.404 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN054972.D

Acq: 5 Apr 2019 15:20

Tgt Ion:	180	Resp:	29
Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.5	142.5#
145	0.0	15.6	46.8#

