

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052119\
 Data File : VN055711.D
 Acq On : 21 May 2019 15:54
 Operator : JC/SP
 Sample : K2959-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 22 05:13:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:54:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	406369	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	577897	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	498290	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	187234	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	184381	41.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.78%	
35) Dibromofluoromethane	7.59	113	174346	47.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.98%	
50) Toluene-d8	10.09	98	662440	47.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.44%	
62) 4-Bromofluorobenzene	12.40	95	213269	44.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.98%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	4.76	59	832	1.002	ug/l #	74
16) Acetone	3.82	43	9381	5.160	ug/l	99
18) Methyl Acetate	4.34	43	4278	1.098	ug/l #	80
20) Methylene Chloride	4.56	84	3848	0.928	ug/l	95
25) 2-Butanone	6.84	43	8346	3.283	ug/l	94
29) Tetrahydrofuran	7.21	42	1390	0.825	ug/l #	59
31) Cyclohexane	7.66	56	5573	0.844	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	23414	4.544	ug/l #	48
37) Ethyl Acetate	6.84	43	8346	1.795	ug/l #	67
38) Carbon Tetrachloride	7.67	117	32408	5.886	ug/l #	15
41) Methacrylonitrile	7.22	41	956	0.481	ug/l #	100
43) Isopropyl Acetate	8.18	43	25116	3.106	ug/l #	77
45) 1,2-Dichloropropane	9.27	63	1319	0.330	ug/l #	43
48) Methyl methacrylate	9.18	41	8414	2.328	ug/l #	22
51) 4-Methyl-2-Pentanone	10.02	43	7513	1.584	ug/l #	34
52) Toluene	10.16	92	2735	0.288	ug/l	97
54) cis-1,3-Dichloropropene	9.90	75	54486	8.438	ug/l #	56
57) 1,3-Dichloropropane	10.76	76	10153	1.638	ug/l #	42
59) 2-Hexanone	10.76	43	129588	38.799	ug/l #	51
71) Bromoform	12.40	173	1451	0.422	ug/l #	1
73) Isopropylbenzene	12.26	105	29	Below Cal	#	48
74) N-amyl acetate	12.03	43	1220	0.232	ug/l #	42
76) 1,2,3-Trichloropropane	12.40	75	97730	25.580	ug/l #	100
79) 2-Chlorotoluene	12.60	91	430	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.73	105	998	Below Cal		82
81) trans-1,4-Dichloro-2-buten	12.40	75	97730	65.756	ug/l #	17
83) tert-Butylbenzene	13.04	119	59	Below Cal	#	73
84) 1,2,4-Trimethylbenzene	13.04	105	1904	Below Cal		85
85) sec-Butylbenzene	13.17	105	272	Below Cal	#	56
86) p-Isopropyltoluene	13.29	119	259	Below Cal	#	51
90) Hexachloroethane	14.00	117	64	Below Cal	#	3
95) Naphthalene	15.13	128	593	1.823	ug/l #	69

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Quant Title : SW846 8260
QLast Update : Fri May 17 23:54:12 2019
Response via : Initial Calibration

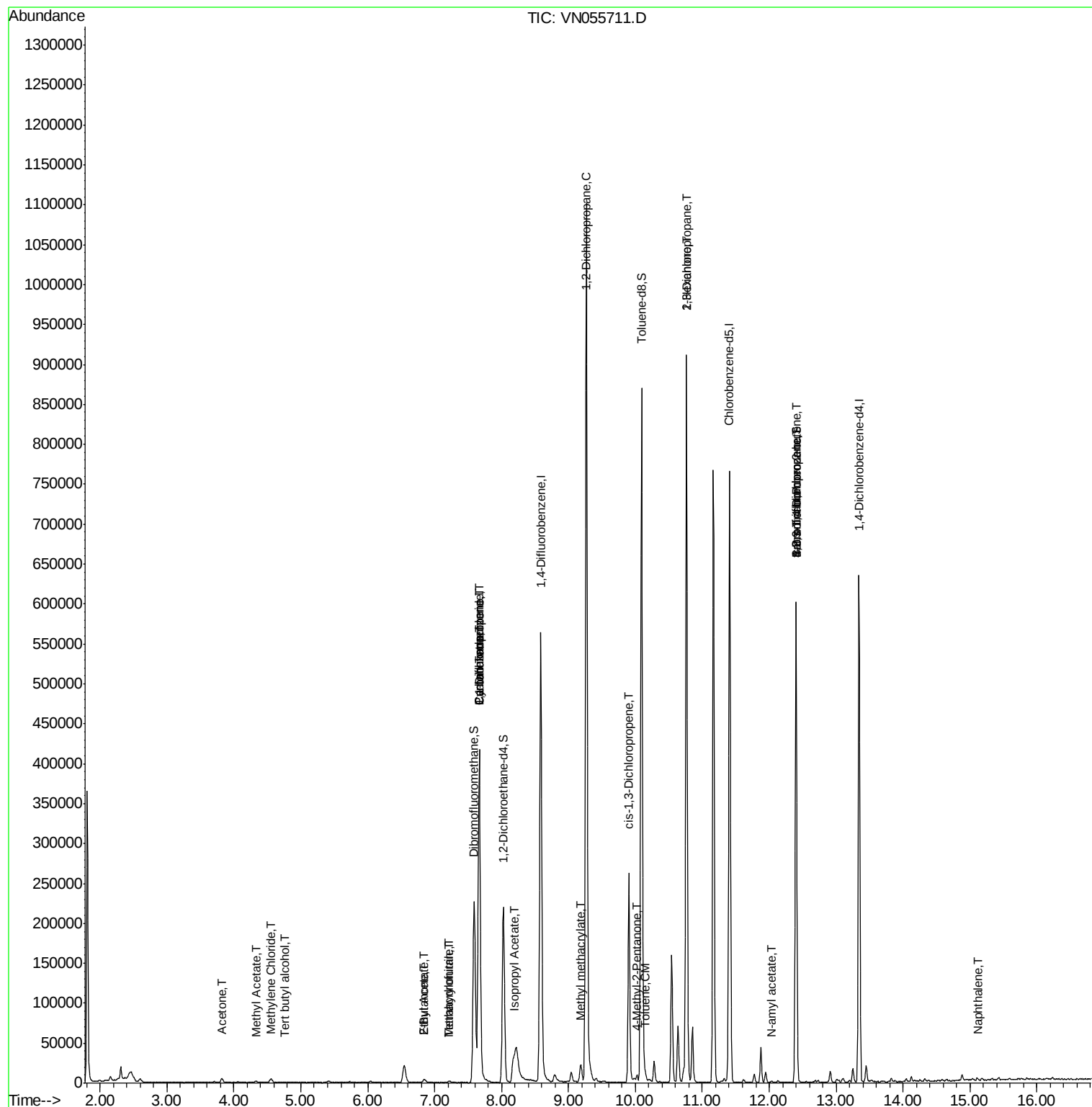
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

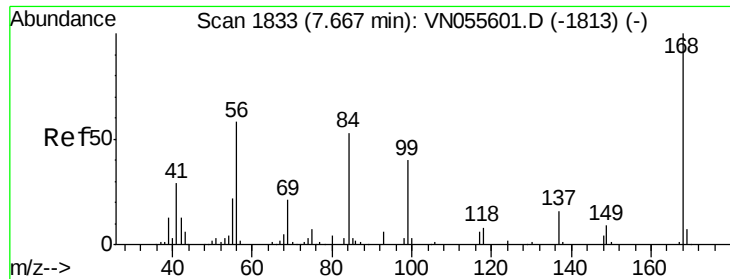
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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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: VN055711.D

Acq: 21 May 2019 15:54

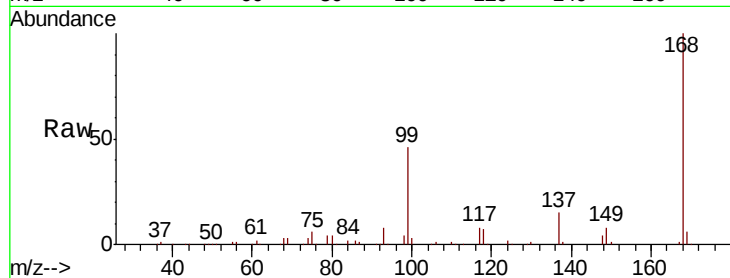
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 406369

Ion Ratio Lower Upper

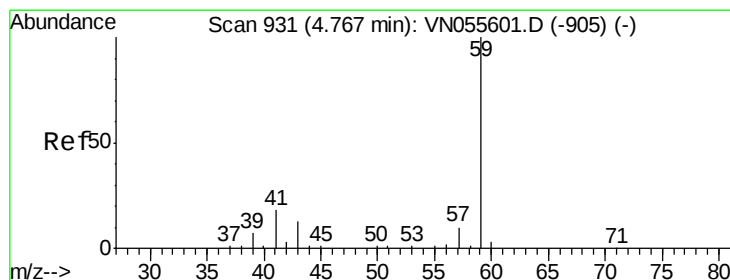
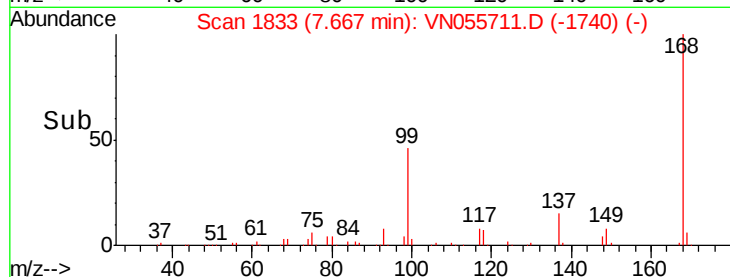
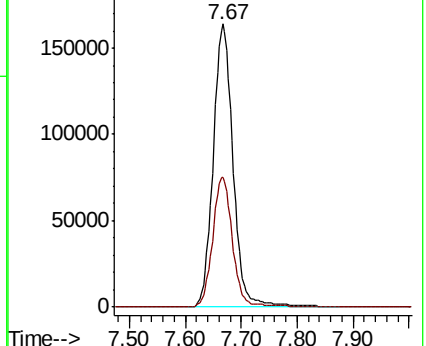
168 100

99 46.1 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#11

Tert butyl alcohol

Concen: 1.002 ug/l

RT: 4.76 min Scan# 928

Delta R.T. -0.01 min

Lab File: VN055711.D

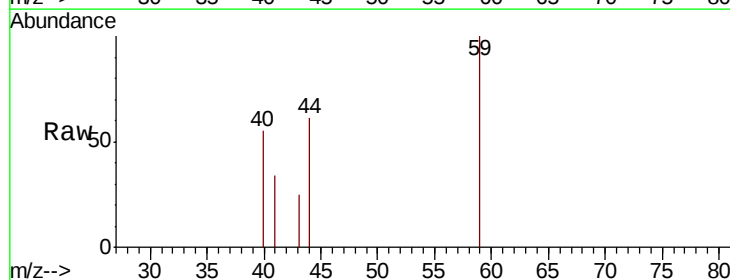
Acq: 21 May 2019 15:54

Tgt Ion: 59 Resp: 832

Ion Ratio Lower Upper

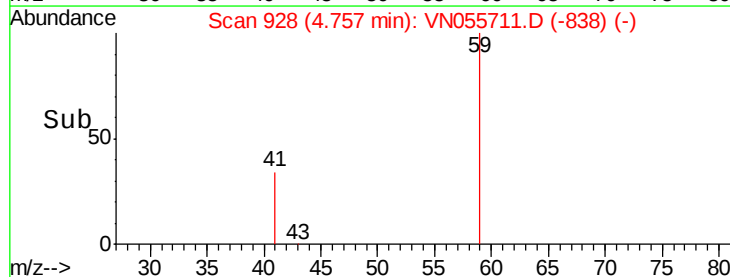
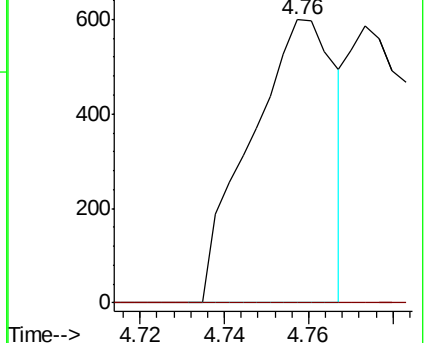
59 100

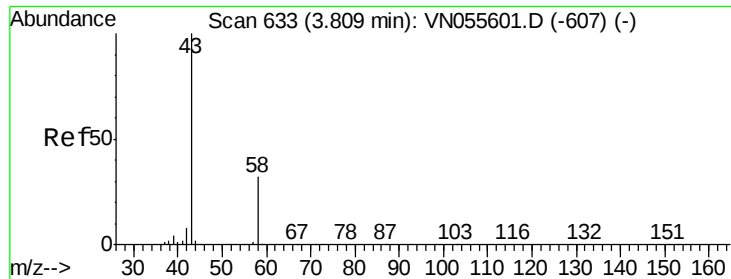
57 0.0 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO





#16

Acetone

Concen: 5.160 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN055711.D

Acq: 21 May 2019 15:54

Instrument :

MSVOA_N

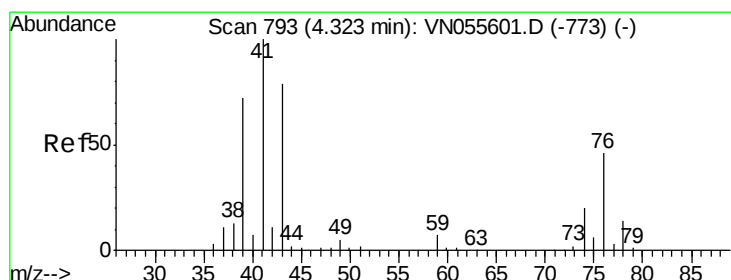
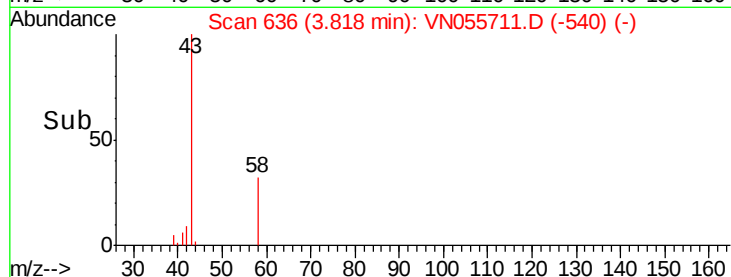
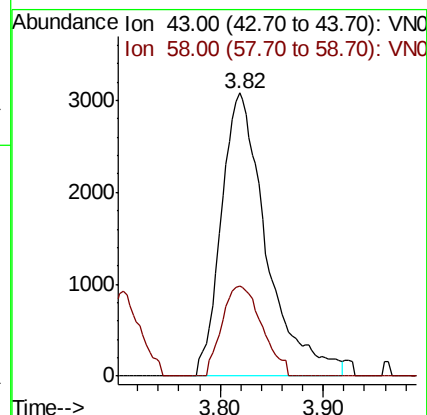
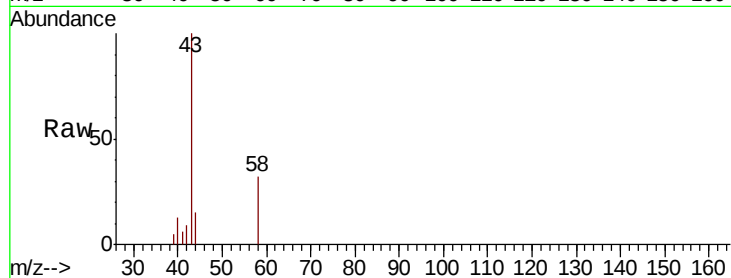
ClientSampled :

Tot Ion: 43 Resp: 9381

Ion Ratio Lower Upper

43 100

58 32.1 26.0 39.0



#18

Methyl Acetate

Concen: 1.098 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN055711.D

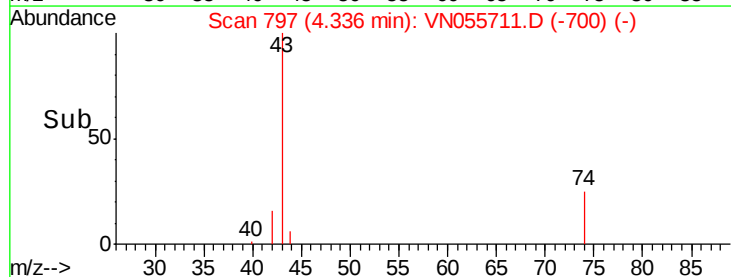
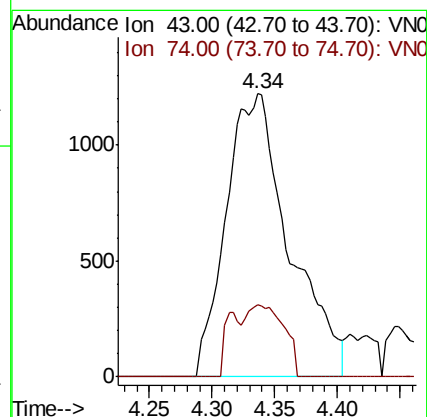
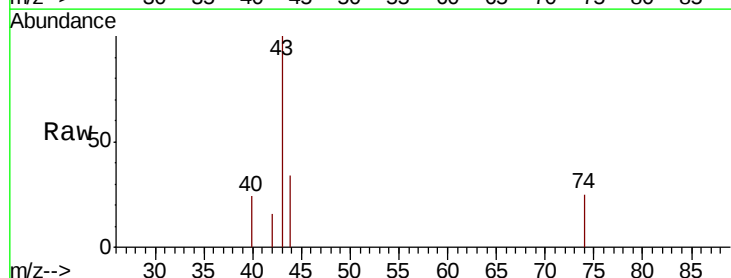
Acq: 21 May 2019 15:54

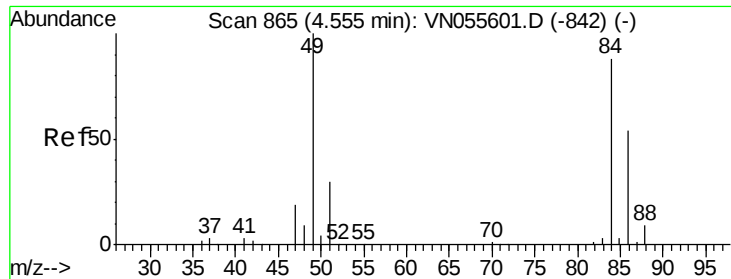
Tgt Ion: 43 Resp: 4278

Ion Ratio Lower Upper

43 100

74 15.1 19.9 29.9#

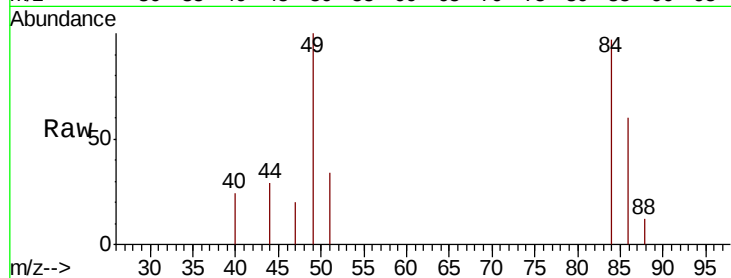




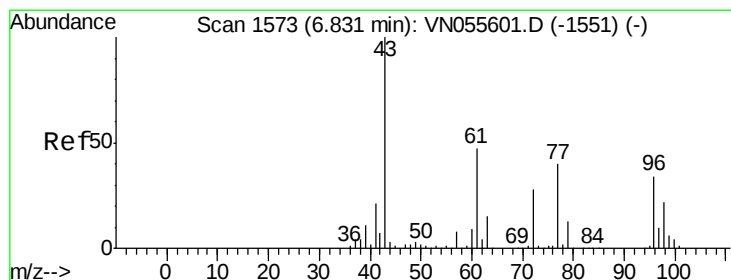
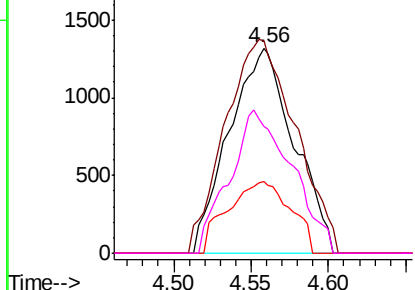
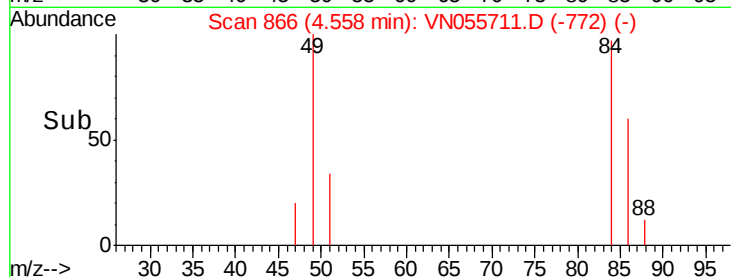
#20
Methvlene Chloride
Concen: 0.928 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN055711.D
Acq: 21 May 2019 15:54

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 84 Resp: 3848
Ion Ratio Lower Upper
84 100
49 103.6 91.0 136.4
51 34.8 27.5 41.3
86 62.1 49.4 74.0

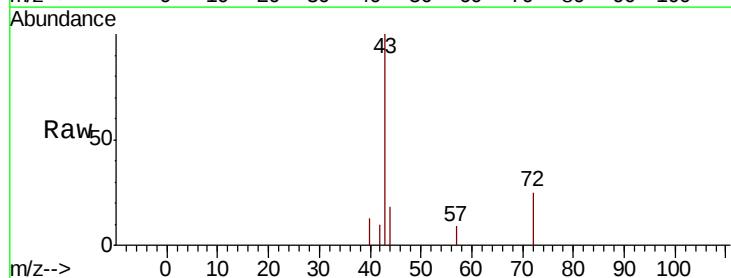


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

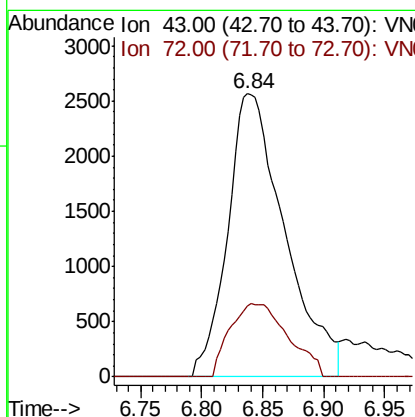
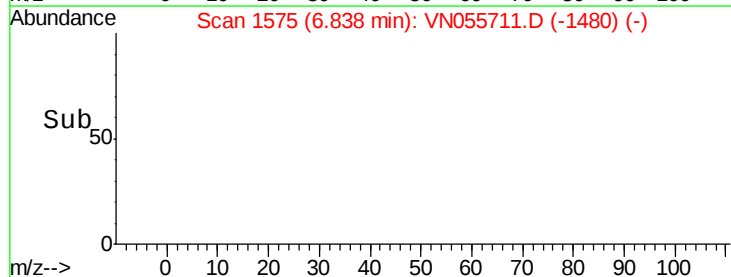


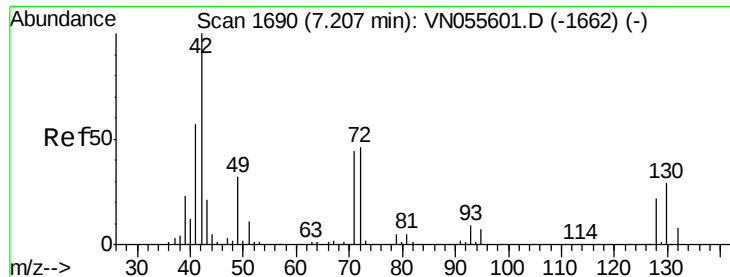
#25
2-Butanone
Concen: 3.283 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.01 min
Lab File: VN055711.D
Acq: 21 May 2019 15:54

Tgt Ion: 43 Resp: 8346
Ion Ratio Lower Upper
43 100
72 24.9 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNC
Ion 72.00 (71.70 to 72.70): VNC

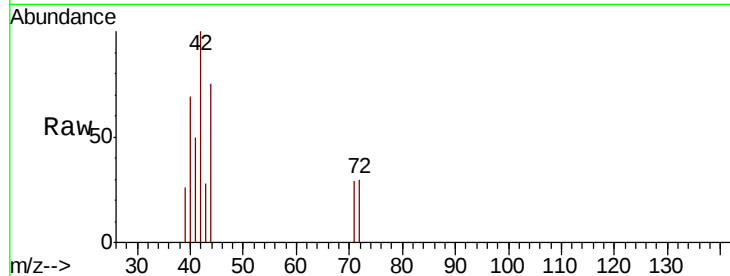




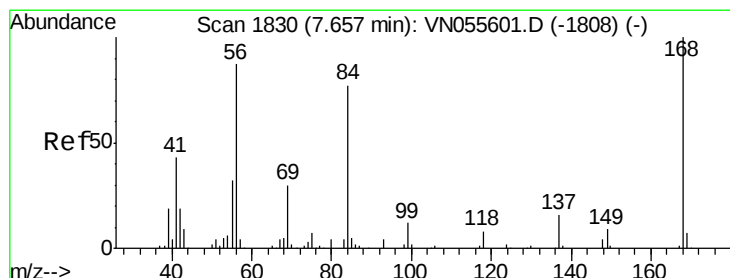
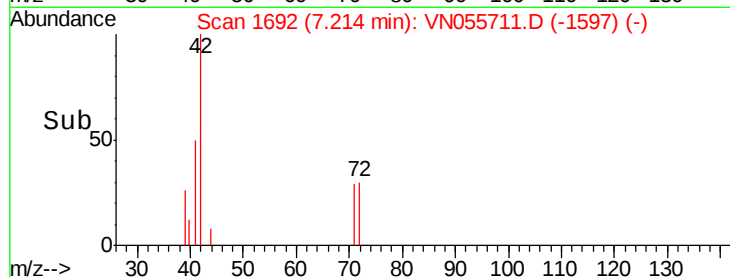
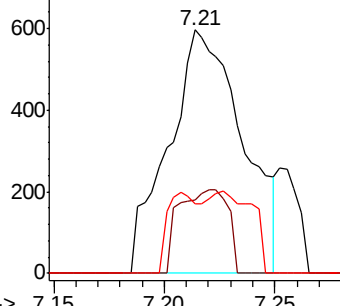
#29
Tetrahydrofuran
Concen: 0.825 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.01 min
Lab File: VN055711.D
Acq: 21 May 2019 15:54

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 42 Resp: 1390
Ion Ratio Lower Upper
42 100
72 22.7 36.5 54.7#
71 12.4 34.9 52.3#

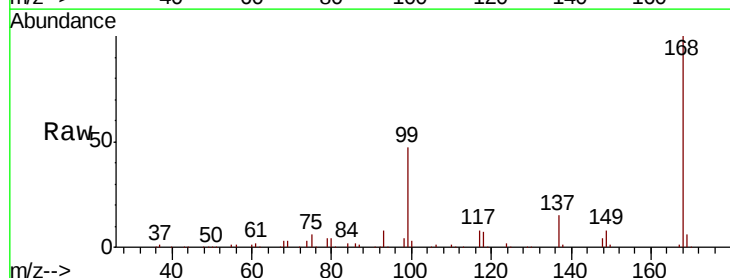


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

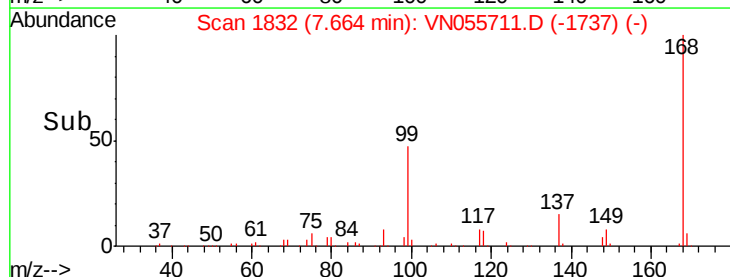
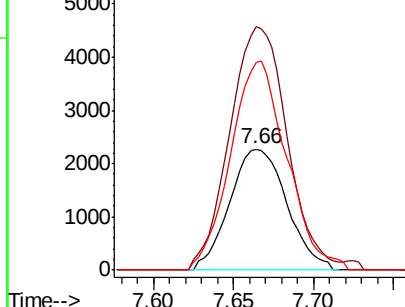


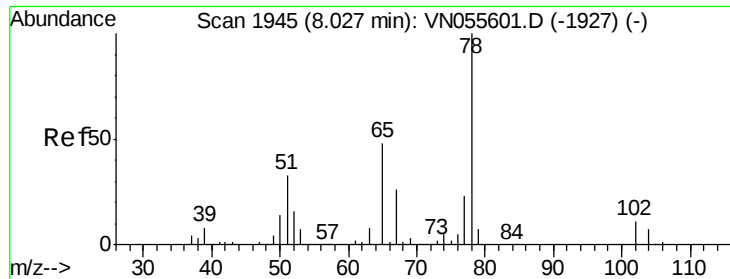
#31
Cyclohexane
Concen: 0.844 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN055711.D
Acq: 21 May 2019 15:54

Tgt Ion: 56 Resp: 5573
Ion Ratio Lower Upper
56 100
69 200.7 27.2 40.8#
84 171.3 71.3 106.9#



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

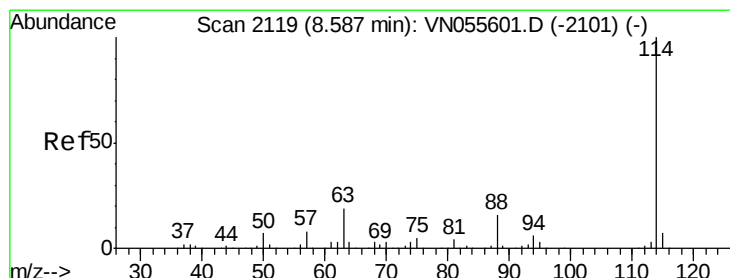
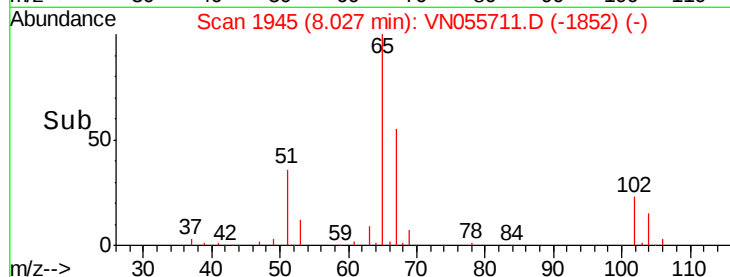
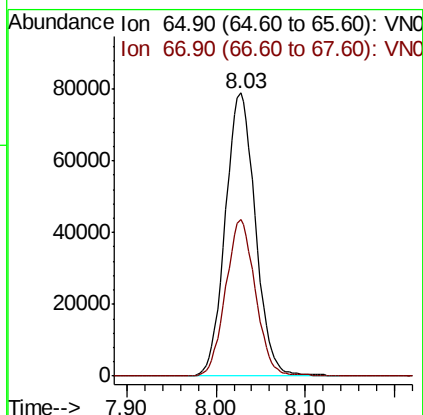
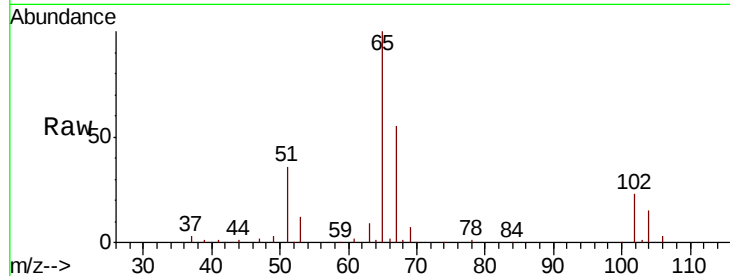




#33
 1,2-Dichloroethane-d4
 Concen: 41.391 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055711.D
 Acq: 21 May 2019 15:54

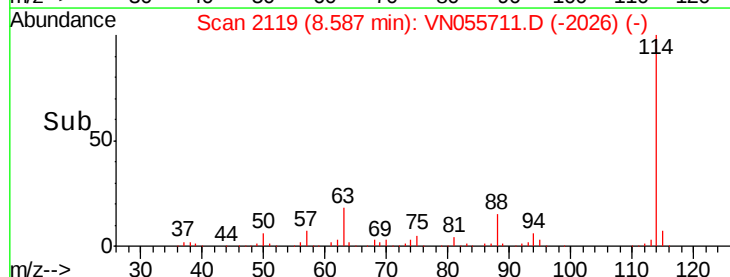
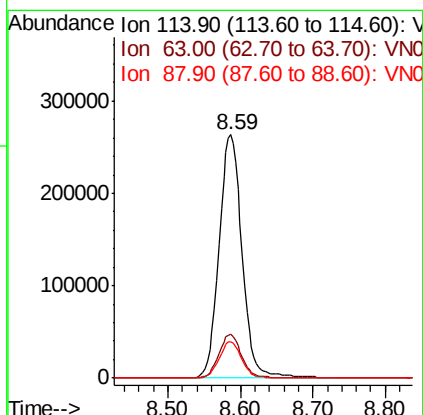
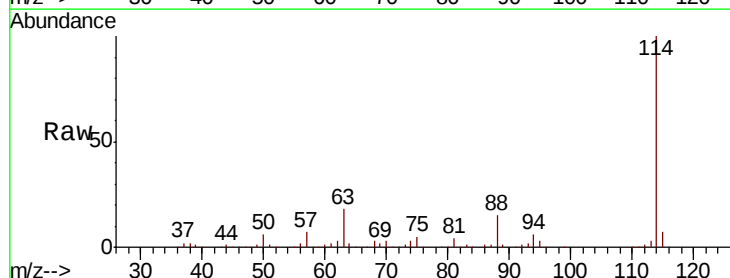
Instrument :
 MSVOA_N
 ClientSampleId :

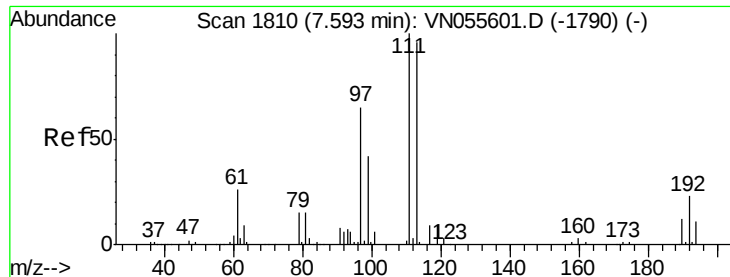
Tot Ion: 65 Resp: 184381
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055711.D
 Acq: 21 May 2019 15:54

Tgt Ion: 114 Resp: 577897
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 38.2
 88 14.8 0.0 31.0





#35

Dibromofluoromethane

Concen: 47.492 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055711.D

Acq: 21 May 2019 15:54

Instrument :
MSVOA_N
ClientSampleId :

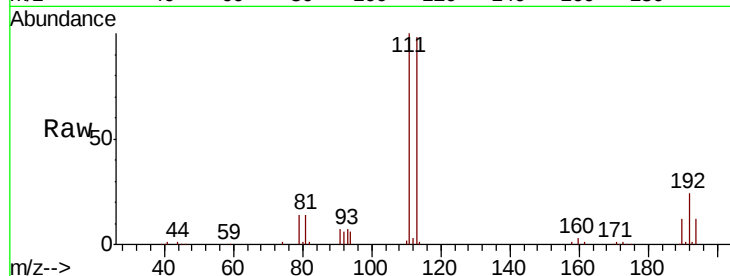
Tot Ion:113 Resp: 174346

Ion Ratio Lower Upper

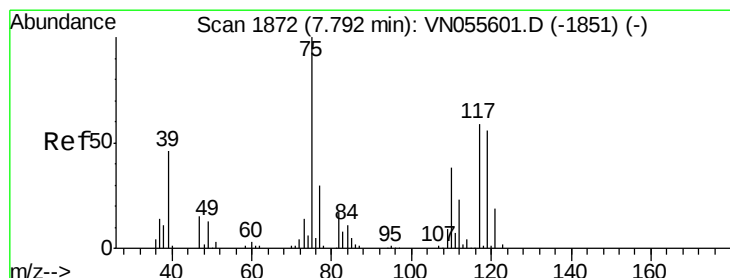
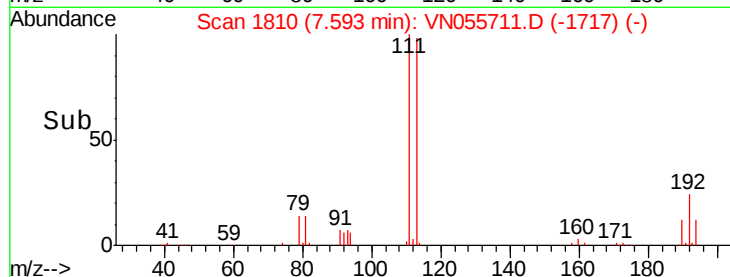
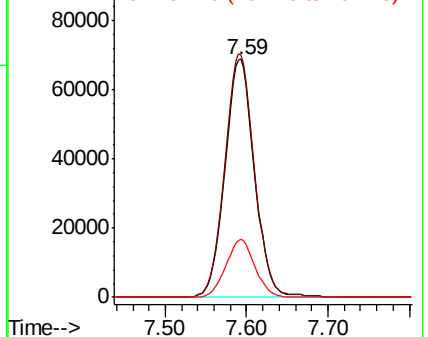
113 100

111 102.0 82.5 123.7

192 23.9 18.7 28.1



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.544 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN055711.D

Acq: 21 May 2019 15:54

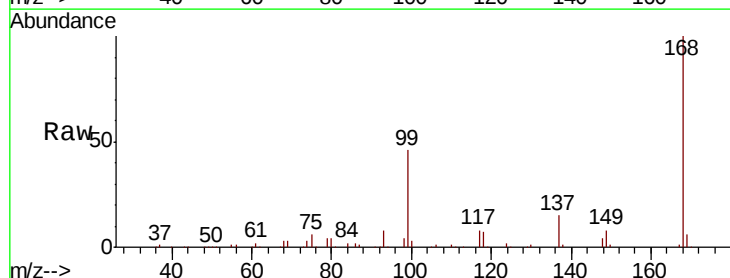
Tgt Ion: 75 Resp: 23414

Ion Ratio Lower Upper

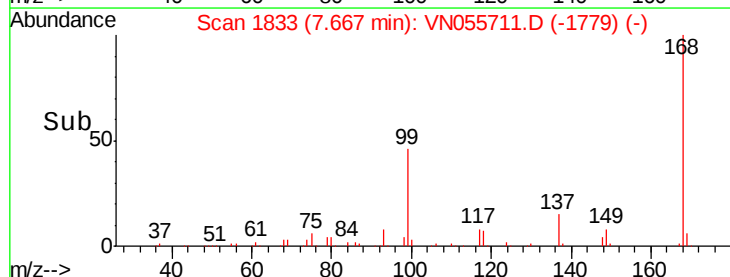
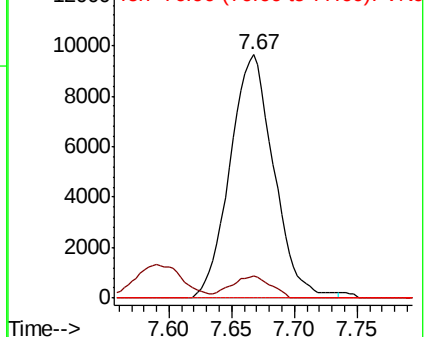
75 100

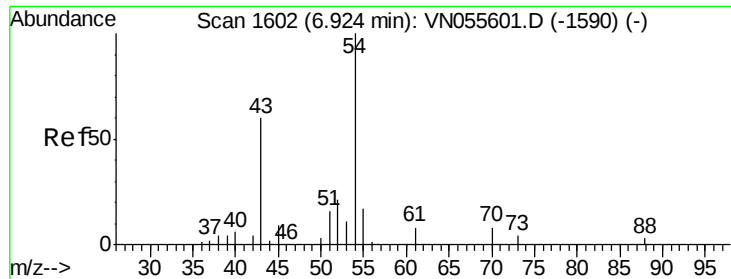
110 8.3 18.6 55.6#

77 0.0 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VNO

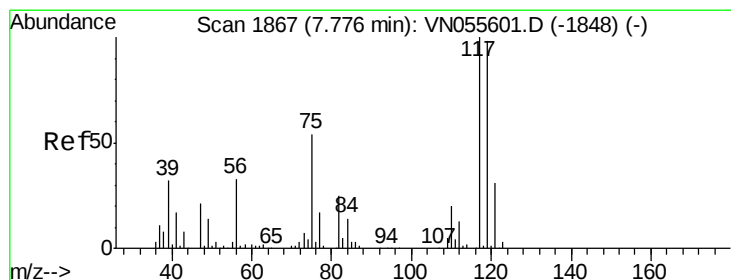
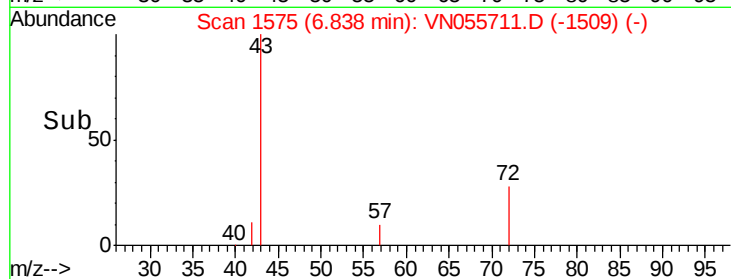
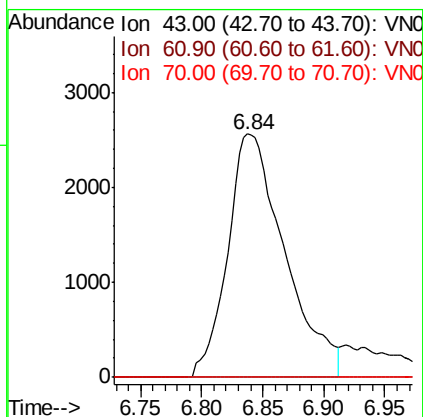
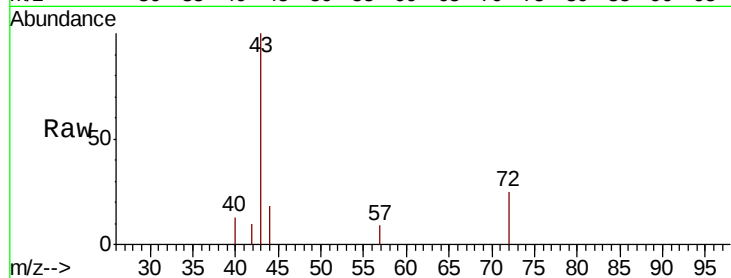




#37
Ethyl Acetate
Concen: 1.795 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. -0.09 min
Lab File: VN055711.D
Acq: 21 May 2019 15:54

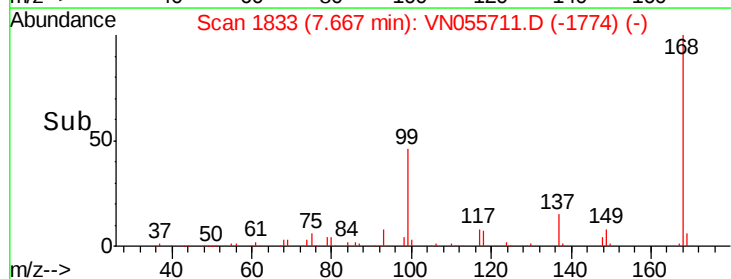
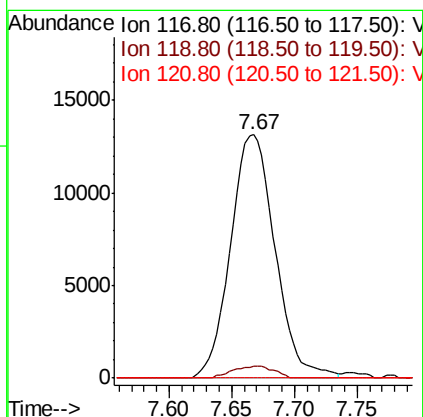
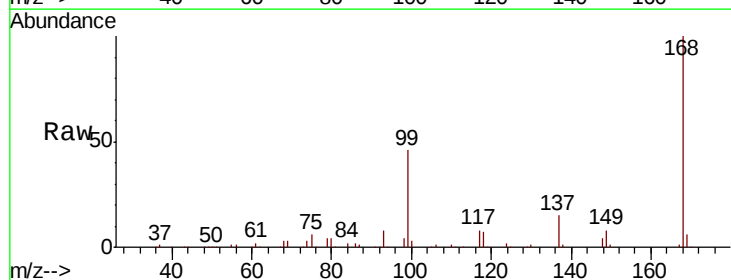
Instrument :
MSVOA_N
ClientSampleId :

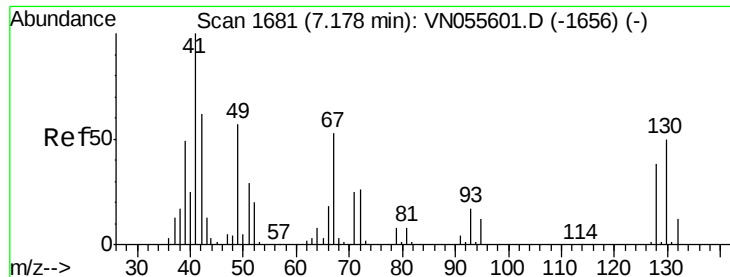
Tot Ion: 43 Resp: 8346
Ion Ratio Lower Upper
43 100
61 0.0 11.4 17.0#
70 0.0 9.2 13.8#



#38
Carbon Tetrachloride
Concen: 5.886 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN055711.D
Acq: 21 May 2019 15:54

Tgt Ion: 117 Resp: 32408
Ion Ratio Lower Upper
117 100
119 4.7 77.8 116.8#
121 0.0 24.6 37.0#

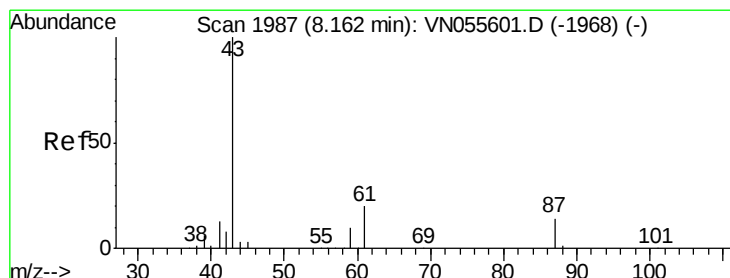
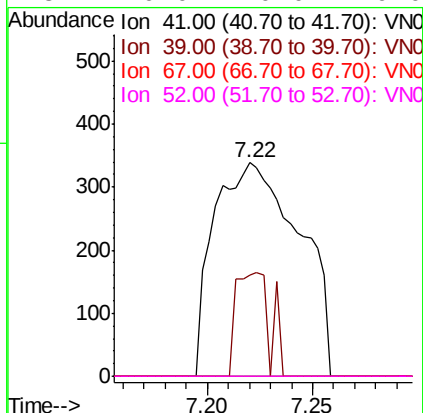
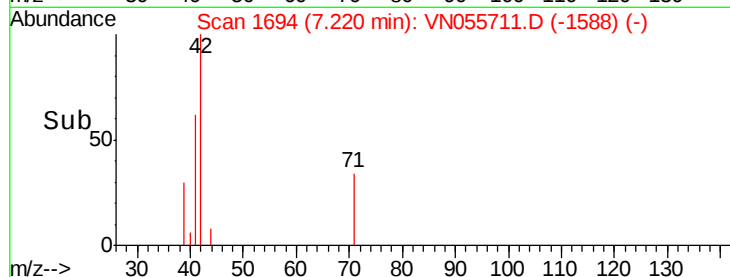
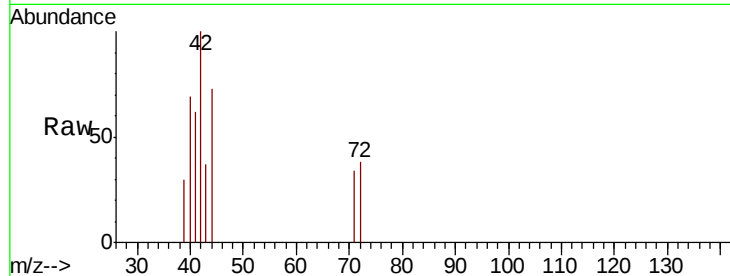




#41
Methacrylonitrile
Concen: 0.481 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. 0.04 min
Lab File: VN055711.D
Acq: 21 May 2019 15:54

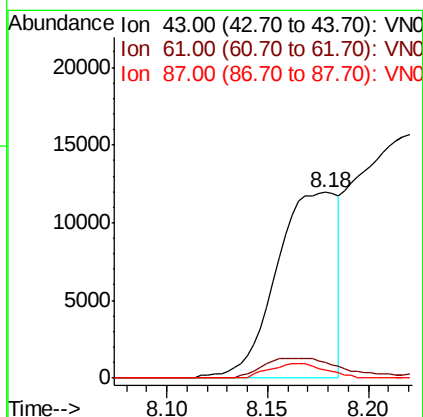
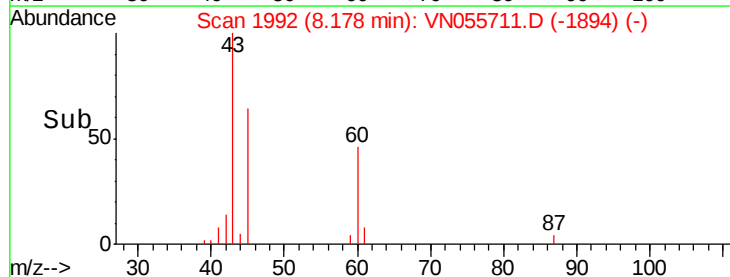
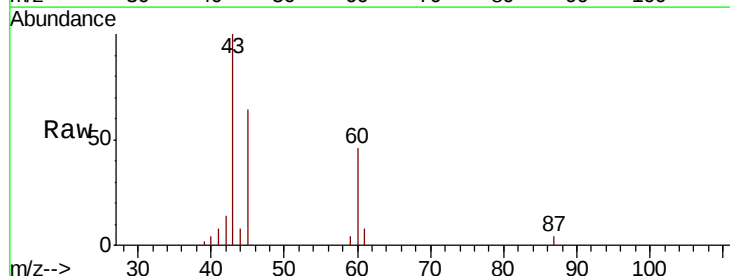
Instrument :
MSVOA_N
ClientSampled :

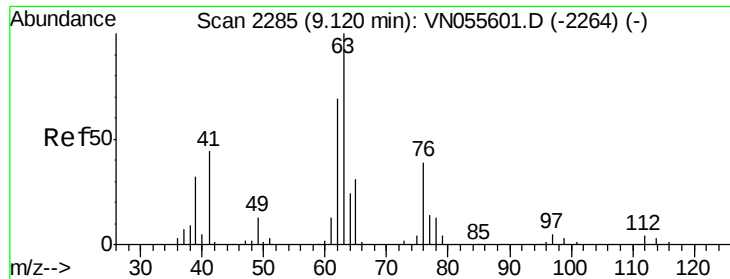
Tot Ion: 41 Resp: 956
Ion Ratio Lower Upper
41 100
39 19.0 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#43
Isopropyl Acetate
Concen: 3.106 ug/l
RT: 8.18 min Scan# 1992
Delta R.T. 0.02 min
Lab File: VN055711.D
Acq: 21 May 2019 15:54

Tgt Ion: 43 Resp: 25116
Ion Ratio Lower Upper
43 100
61 14.2 22.1 33.1#
87 7.0 11.8 17.6#

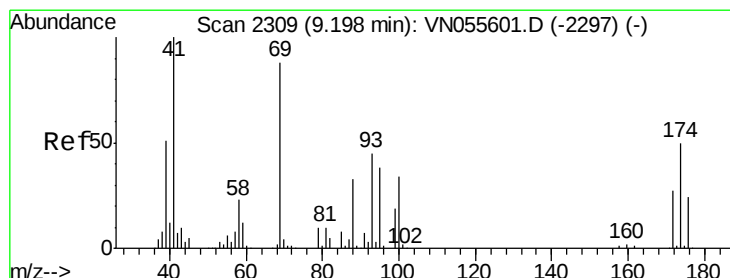
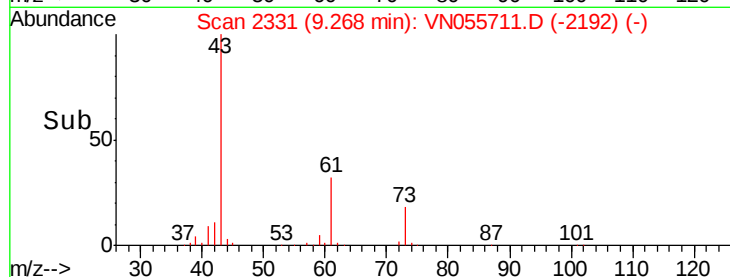
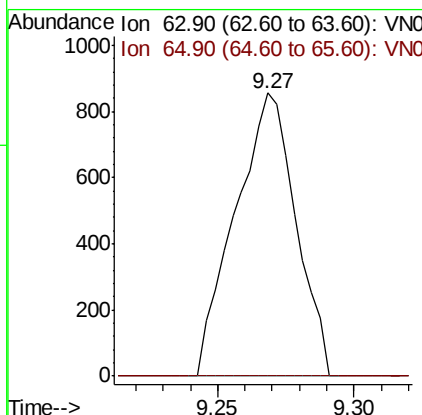
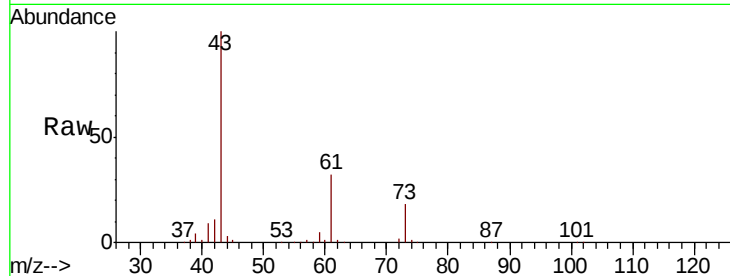




#45
 1,2-Dichloropropane
 Concen: 0.330 ug/l
 RT: 9.27 min Scan# 2331
 Delta R.T. 0.15 min
 Lab File: VN055711.D
 Acq: 21 May 2019 15:54

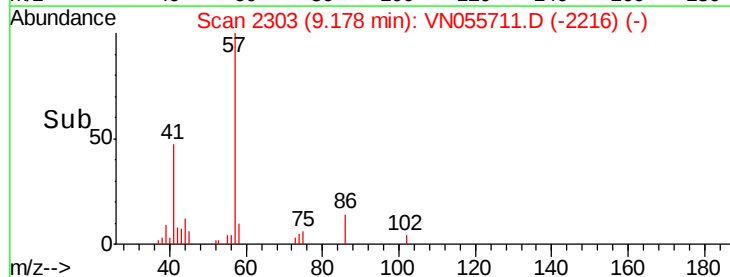
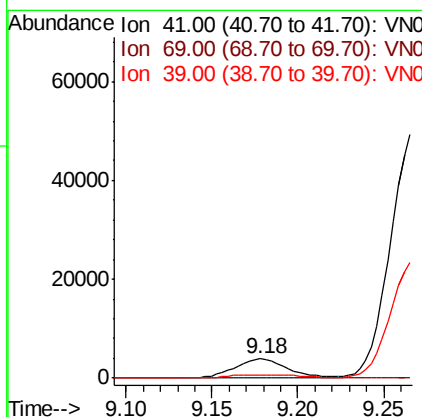
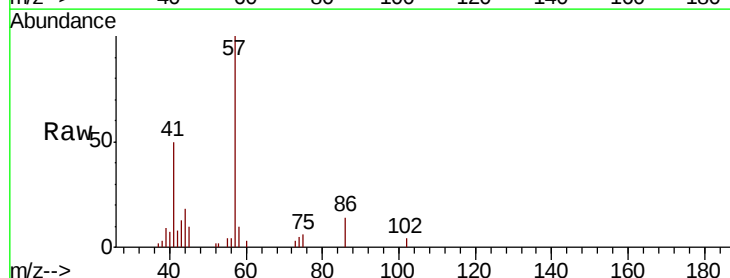
Instrument :
 MSVOA_N
 ClientSampled :

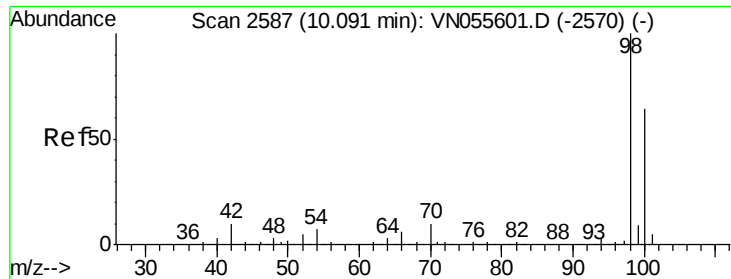
Tot Ion: 63 Resp: 1319
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.2 37.8#



#48
 Methyl methacrylate
 Concen: 2.328 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. -0.02 min
 Lab File: VN055711.D
 Acq: 21 May 2019 15:54

Tgt Ion: 41 Resp: 8414
 Ion Ratio Lower Upper
 41 100
 69 0.0 74.2 111.2#
 39 21.7 43.8 65.8#





#50

Toluene-d8

Concen: 47.724 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055711.D

Acq: 21 May 2019 15:54

Instrument :

MSVOA_N

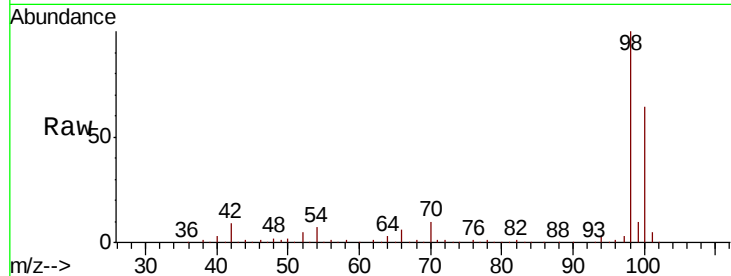
ClientSampleId :

Tot Ion: 98 Resp: 662440

Ion Ratio Lower Upper

98 100

100 64.7 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055711.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN055711.D (-2494) (-)

10.09

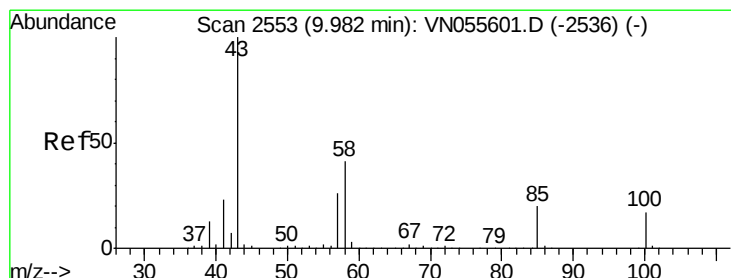
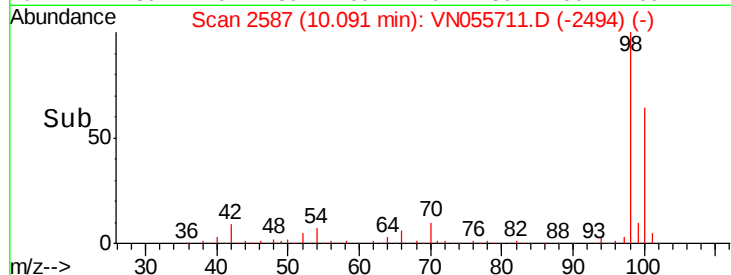
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.584 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN055711.D

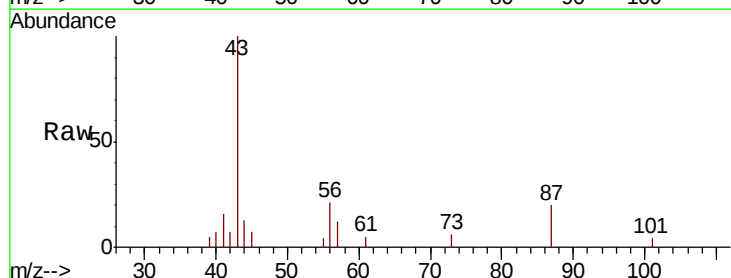
Acq: 21 May 2019 15:54

Tgt Ion: 43 Resp: 7513

Ion Ratio Lower Upper

43 100

58 0.0 32.7 49.1#



Abundance Ion 43.00 (42.70 to 43.70): VN055711.D (-2460) (-)

Ion 58.00 (57.70 to 58.70): VN055711.D (-2460) (-)

10.02

5000

4000

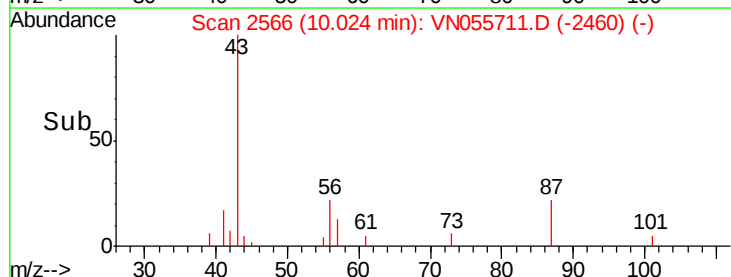
3000

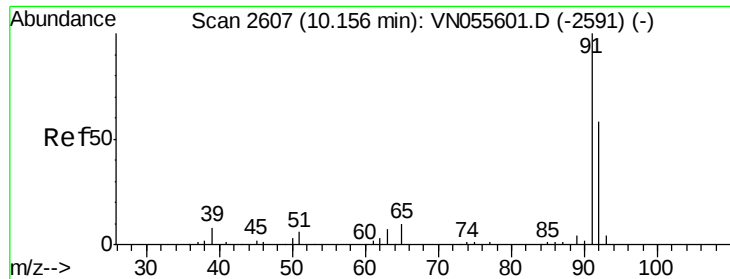
2000

1000

0

Time-->





#52

Toluene

Concen: 0.288 ug/l

RT: 10.16 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN055711.D

Acq: 21 May 2019 15:54

Instrument :

MSVOA_N

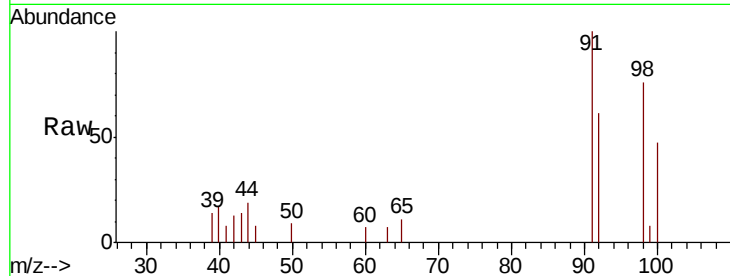
ClientSampled :

Tot Ion: 92 Resp: 2735

Ion Ratio Lower Upper

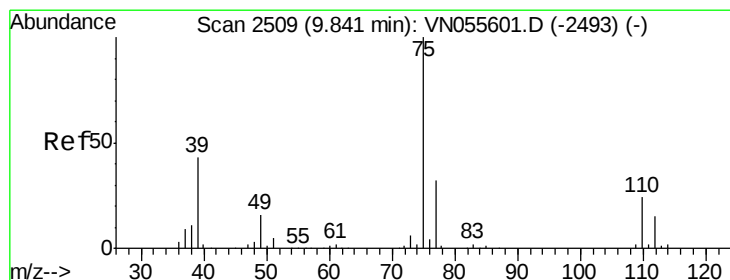
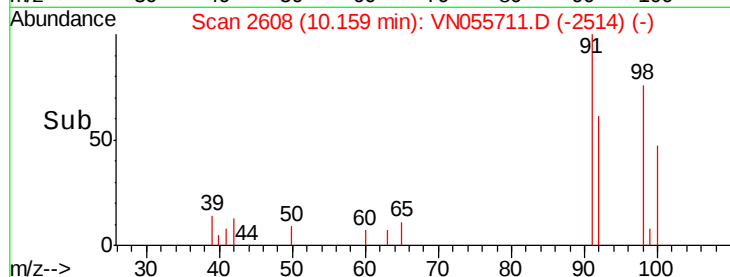
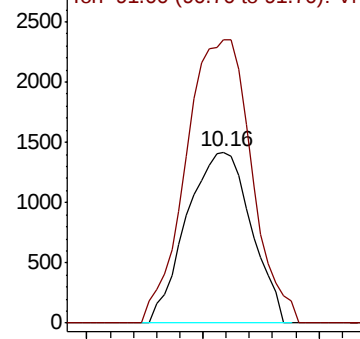
92 100

91 168.8 138.9 208.3



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 8.438 ug/l

RT: 9.90 min Scan# 2528

Delta R.T. 0.06 min

Lab File: VN055711.D

Acq: 21 May 2019 15:54

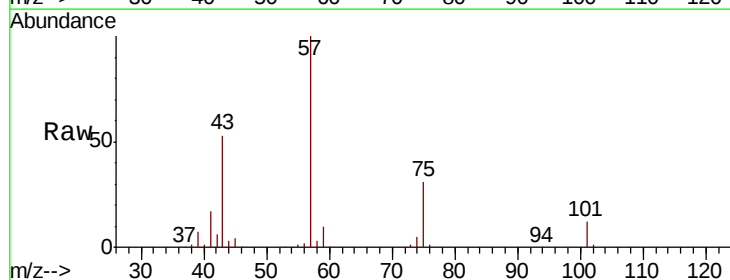
Tgt Ion: 75 Resp: 54486

Ion Ratio Lower Upper

75 100

77 0.0 25.7 38.5#

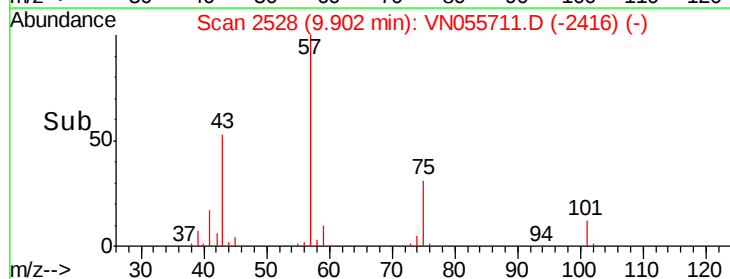
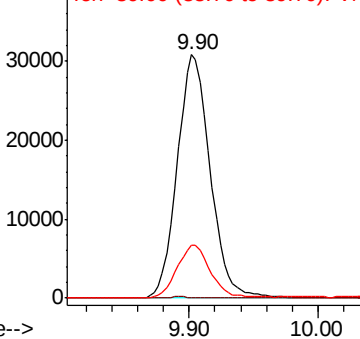
39 21.6 34.7 52.1#

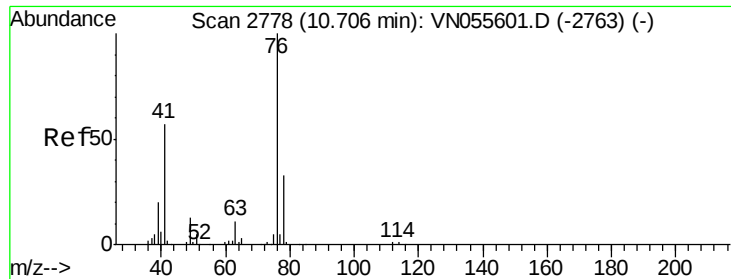


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

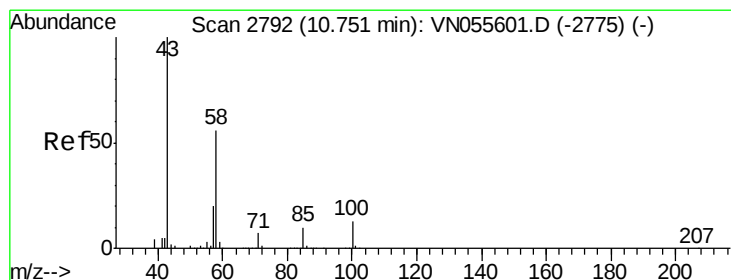
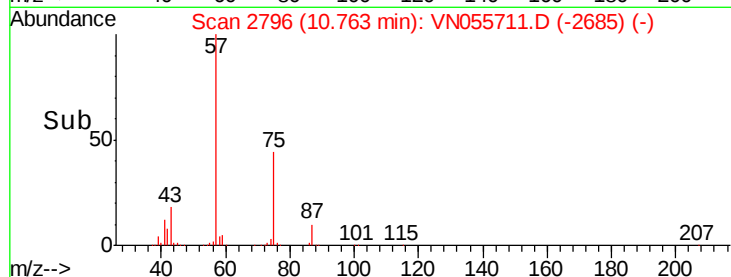
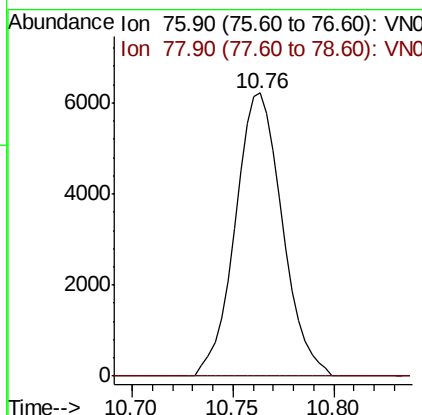
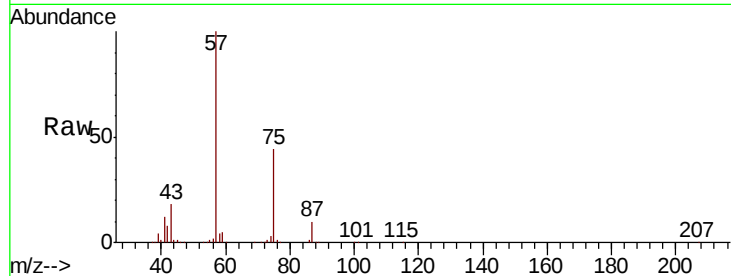




#57
 1,3-Dichloropropane
 Concen: 1.638 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN055711.D
 Acq: 21 May 2019 15:54

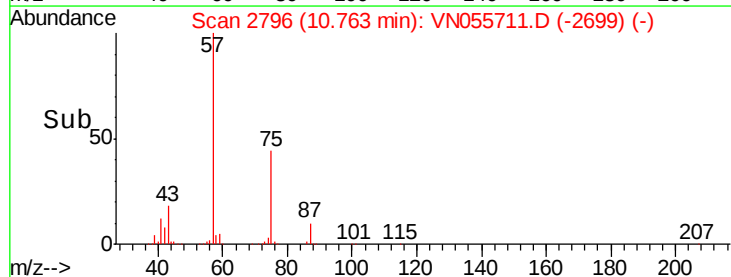
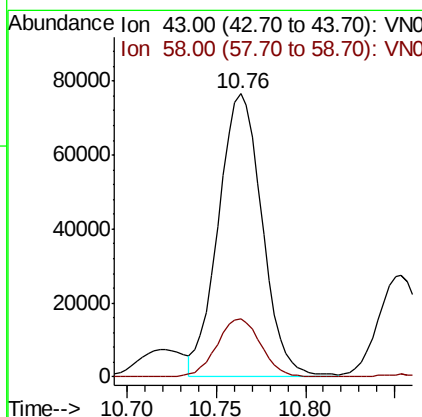
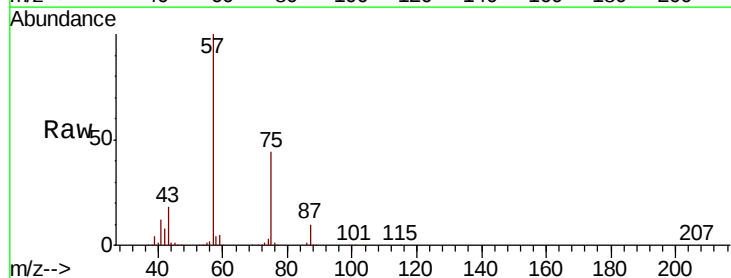
Instrument :
 MSVOA_N
 ClientSampleId :

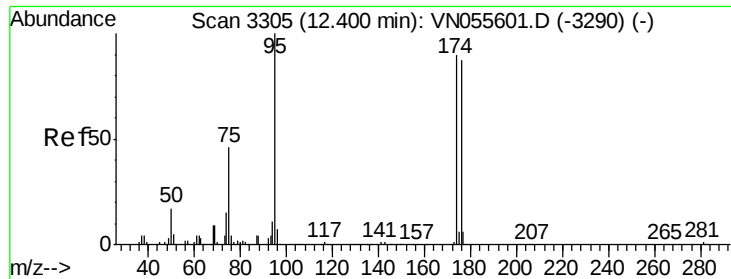
Tot Ion: 76 Resp: 10153
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.5 39.7#



#59
 2-Hexanone
 Concen: 38.799 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN055711.D
 Acq: 21 May 2019 15:54

Tgt Ion: 43 Resp: 129588
 Ion Ratio Lower Upper
 43 100
 58 20.8 28.1 84.4#

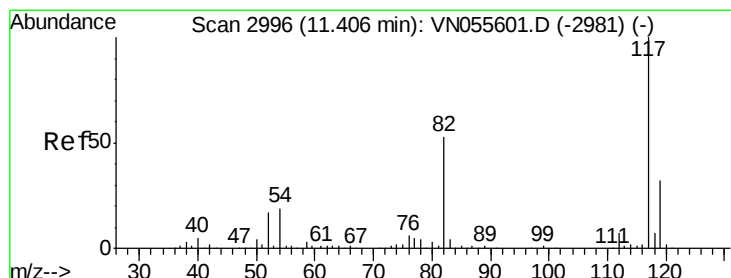
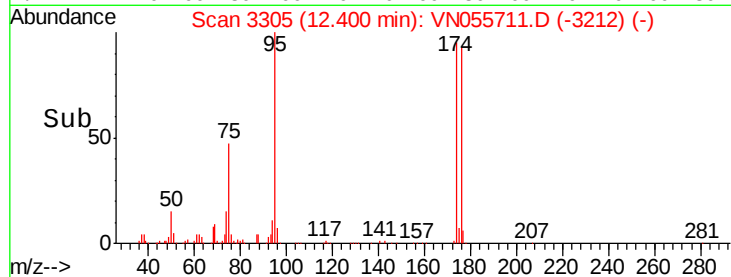
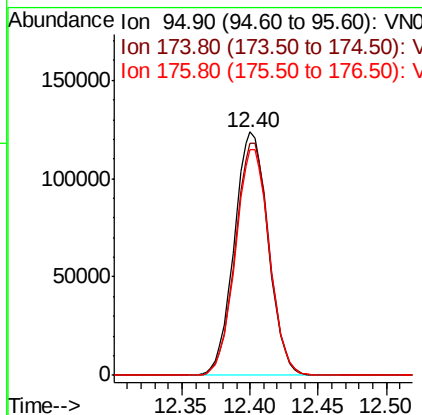
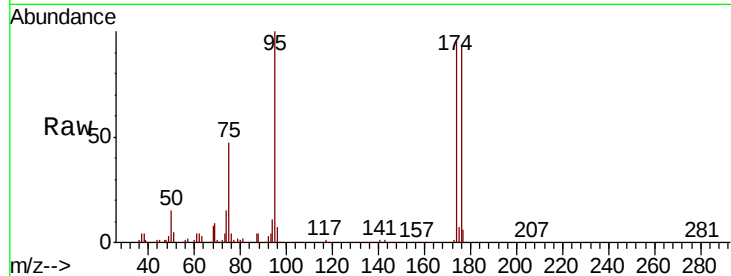




#62
4-Bromofluorobenzene
Concen: 44.494 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055711.D
Acq: 21 May 2019 15:54

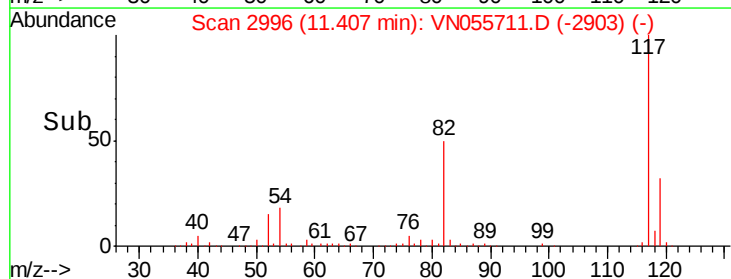
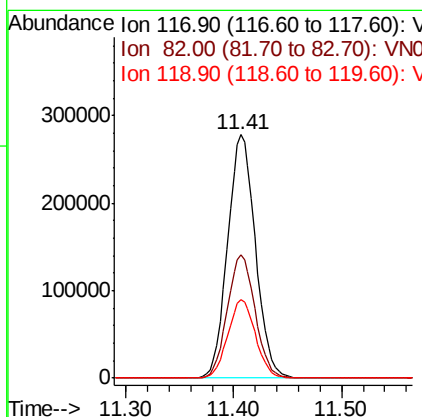
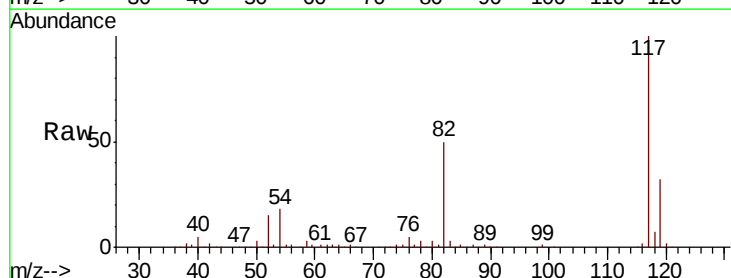
Instrument :
MSVOA_N
ClientSampleId :

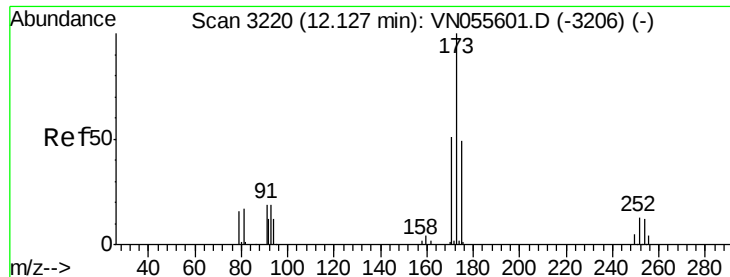
Tot Ion	Ratio	Lower	Upper
95	100		
174	95.6	0.0	180.6
176	92.8	0.0	177.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055711.D
Acq: 21 May 2019 15:54

Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.5	42.3	63.5
119	32.3	25.4	38.2





#71

Bromoform

Concen: 0.422 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN055711.D

Acq: 21 May 2019 15:54

Instrument :

MSVOA_N

ClientSampled :

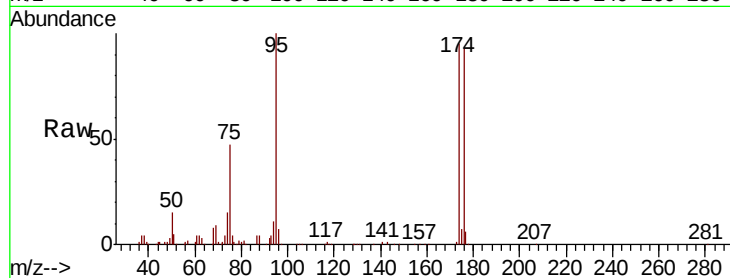
Tot Ion:173 Resp: 1451

Ion Ratio Lower Upper

173 100

175 882.2 24.3 72.9#

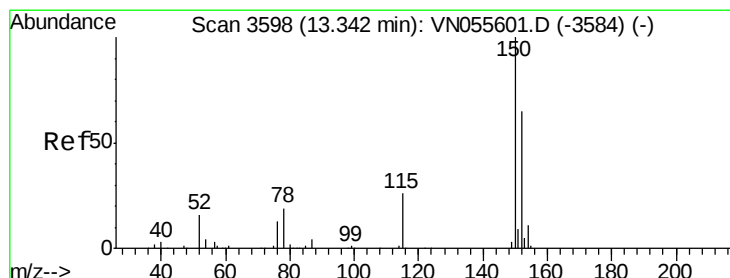
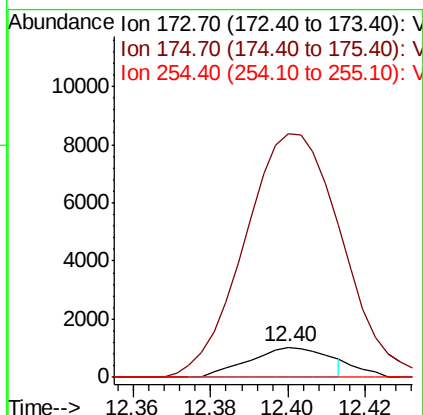
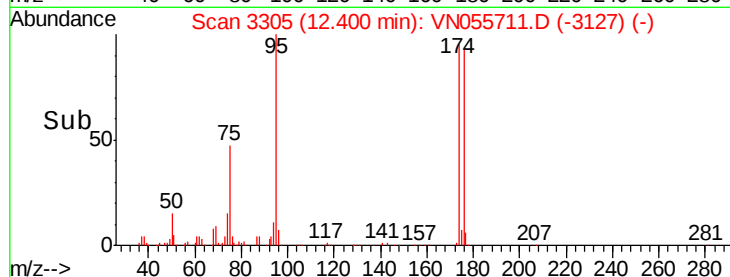
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055711.D

Acq: 21 May 2019 15:54

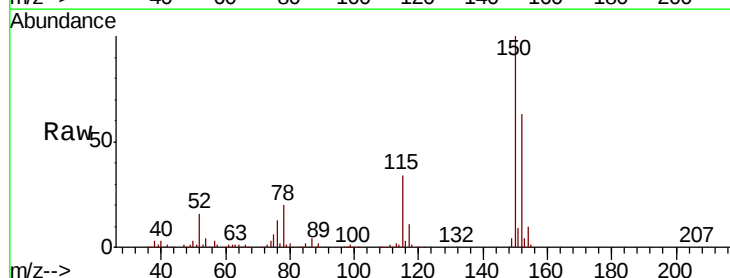
Tgt Ion:152 Resp: 187234

Ion Ratio Lower Upper

152 100

115 54.0 28.1 84.2

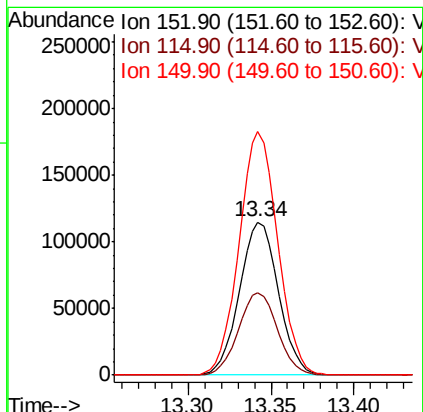
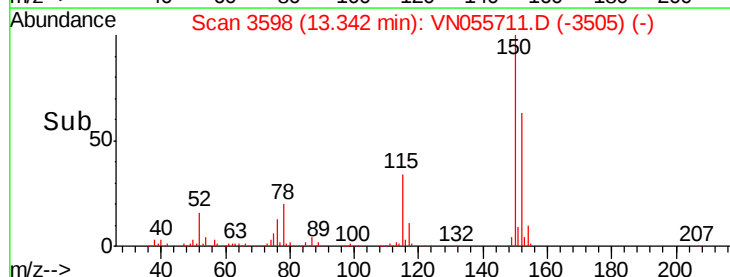
150 158.0 0.0 348.0

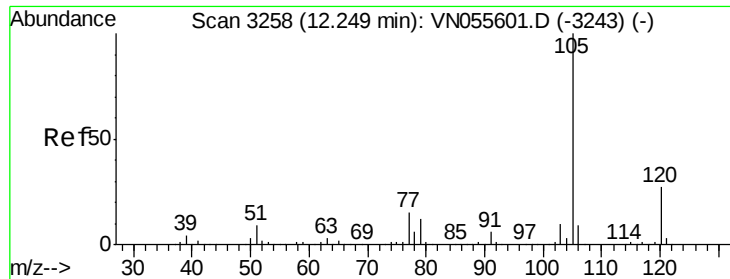


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.26 min Scan# 3261

Delta R.T. 0.01 min

Lab File: VN055711.D

Acq: 21 May 2019 15:54

Instrument :

MSVOA_N

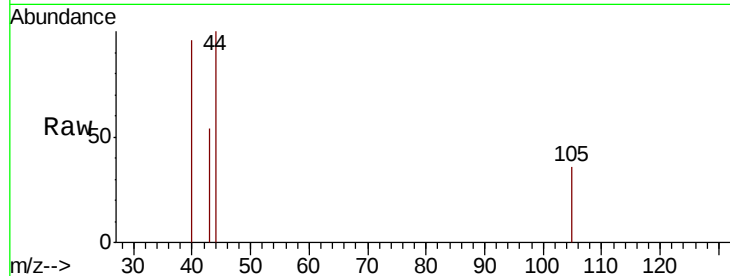
ClientSampleId :

Tot Ion:105 Resp: 29

Ion Ratio Lower Upper

105 100

120 0.0 13.4 40.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.26

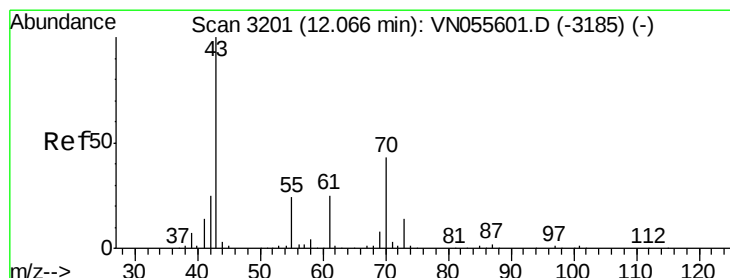
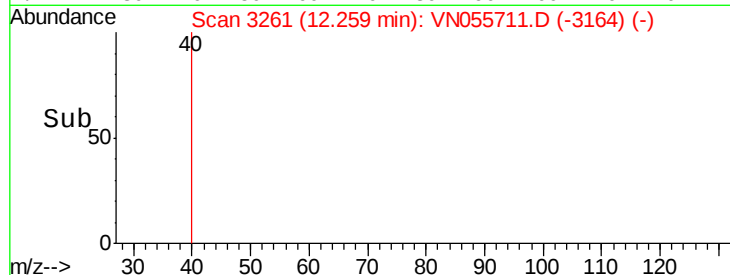
150

100

50

0

Time-->



#74

N-ethyl acetate

Concen: 0.232 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN055711.D

Acq: 21 May 2019 15:54

Tgt Ion: 43 Resp: 1220

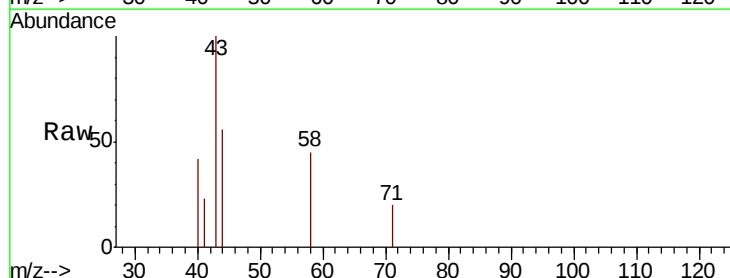
Ion Ratio Lower Upper

43 100

70 0.0 35.0 52.6#

55 0.0 18.9 28.3#

61 0.0 20.1 30.1#



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

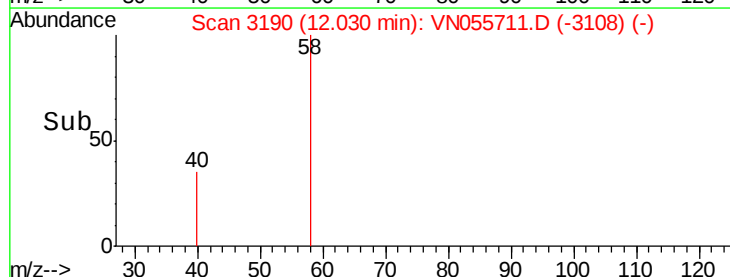
12.03

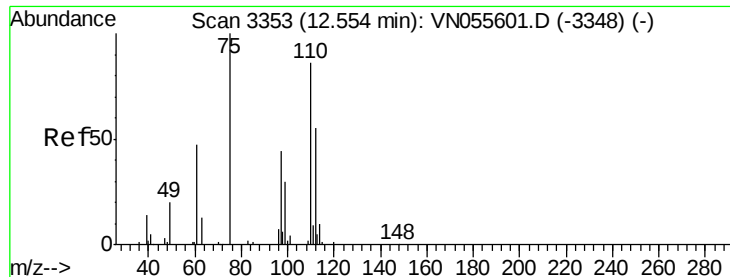
1000

500

0

Time-->





#76

1,2,3-Trichloropropane

Concen: 25.580 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055711.D

Acq: 21 May 2019 15:54

Instrument :

MSVOA_N

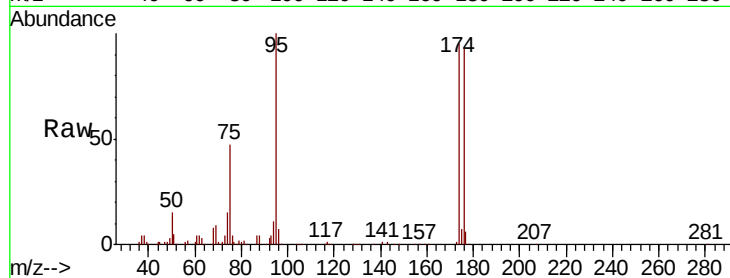
ClientSampleId :

Tot Ion: 75 Resp: 97730

Ion Ratio Lower Upper

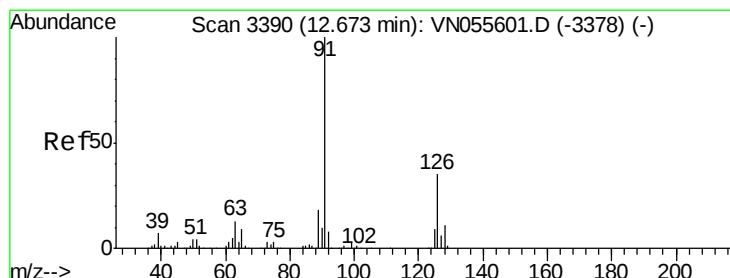
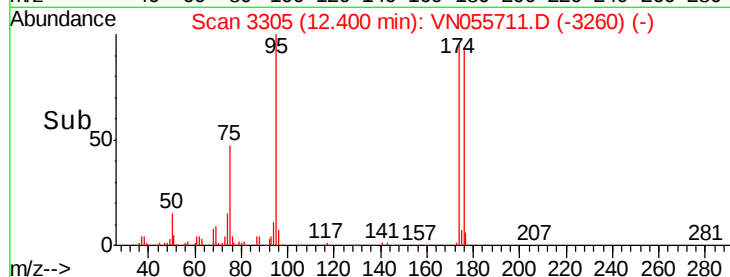
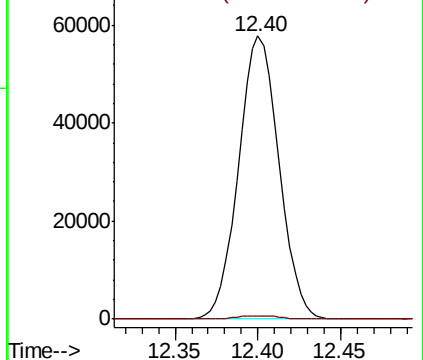
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.60 min Scan# 3366

Delta R.T. -0.08 min

Lab File: VN055711.D

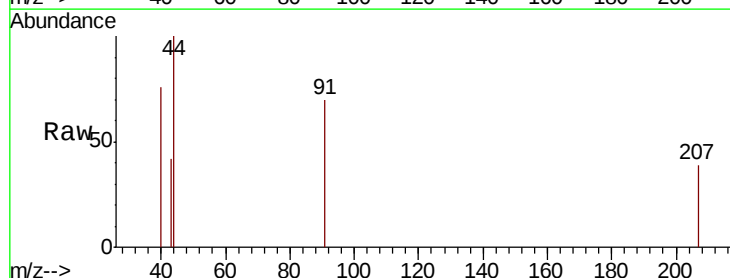
Acq: 21 May 2019 15:54

Tgt Ion: 91 Resp: 430

Ion Ratio Lower Upper

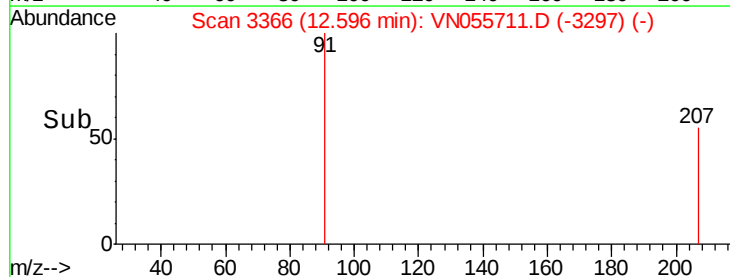
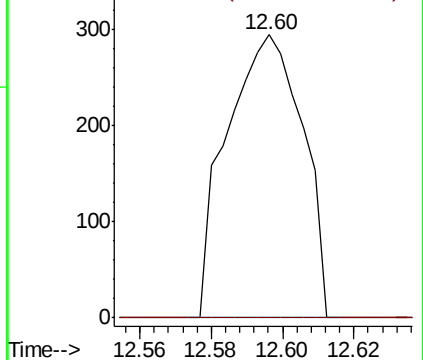
91 100

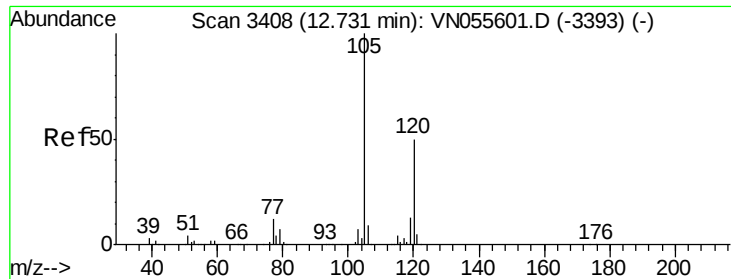
126 0.0 17.8 53.4#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

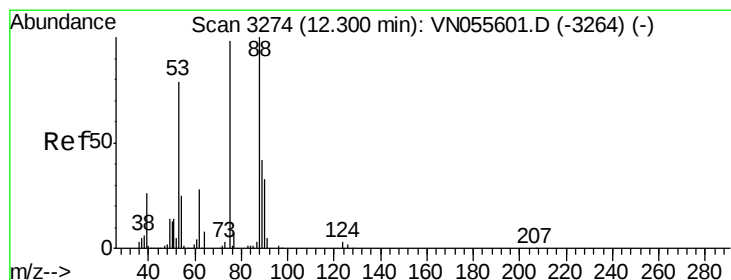
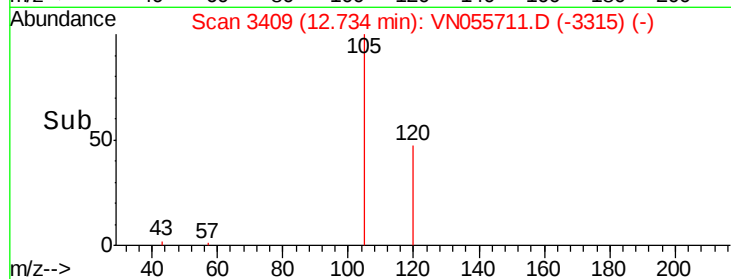
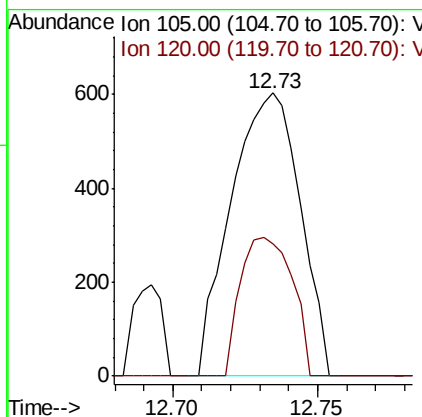
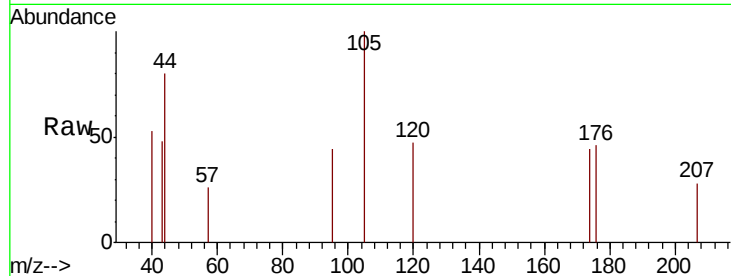




#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN055711.D
 Acq: 21 May 2019 15:54

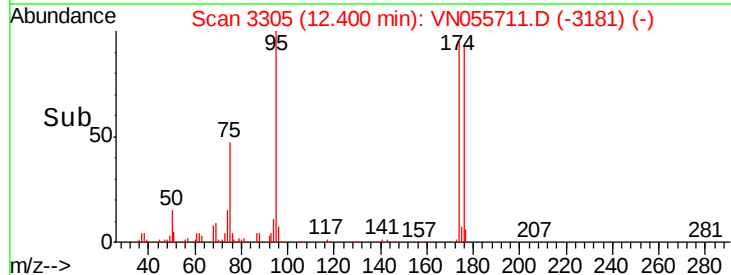
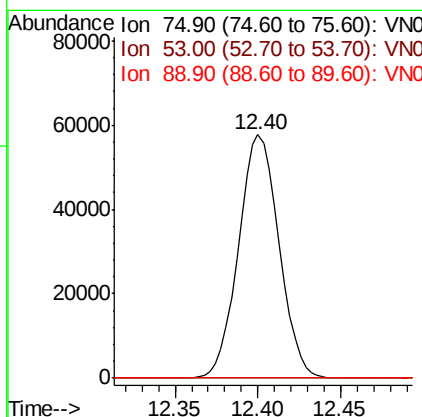
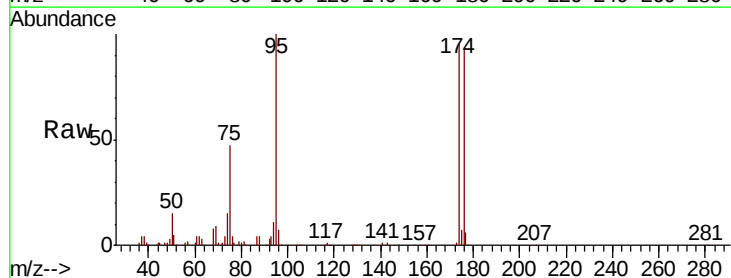
Instrument :
 MSVOA_N
 ClientSampleId :

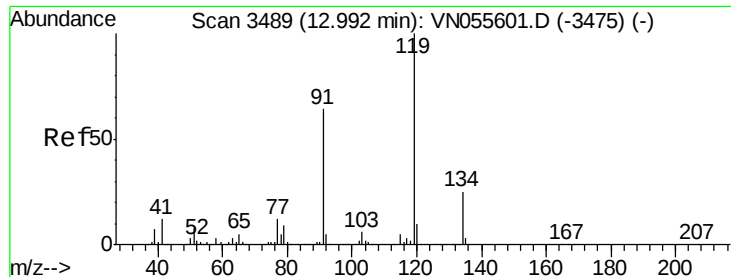
Tot Ion: 105 Resp: 998
 Ion Ratio Lower Upper
 105 100
 120 36.8 24.6 74.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.756 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN055711.D
 Acq: 21 May 2019 15:54

Tgt Ion: 75 Resp: 97730
 Ion Ratio Lower Upper
 75 100
 53 0.0 65.1 97.7#
 89 0.0 36.4 54.6#

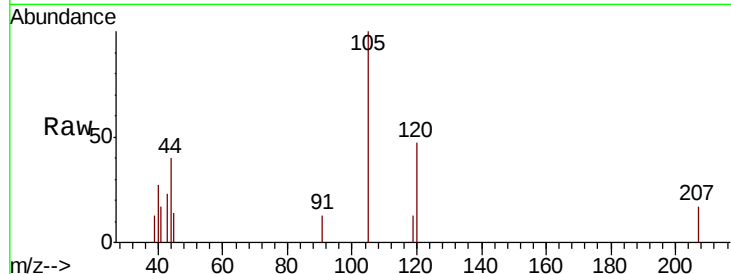




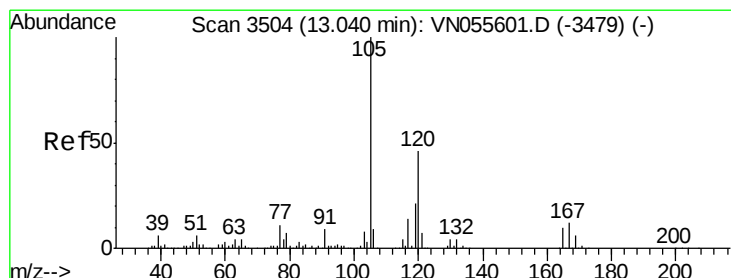
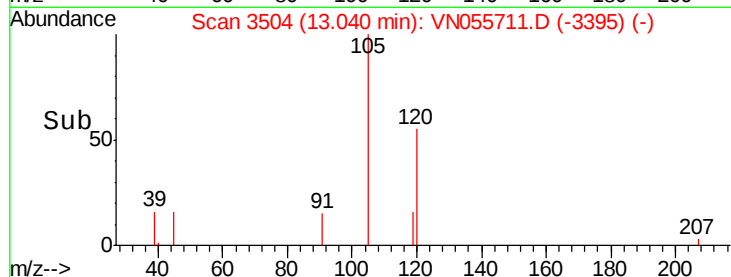
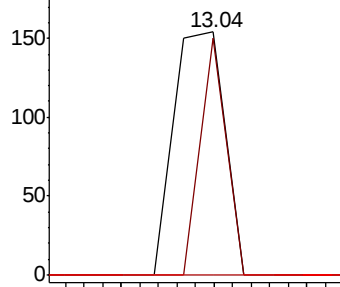
#83
tert-Butylbenzene
Concen: Below Cal
RT: 13.04 min Scan# 3504
Delta R.T. 0.05 min
Lab File: VN055711.D
Acq: 21 May 2019 15:54

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:119 Resp: 59
Ion Ratio Lower Upper
119 100
91 49.2 31.3 93.8
134 0.0 13.2 39.6#

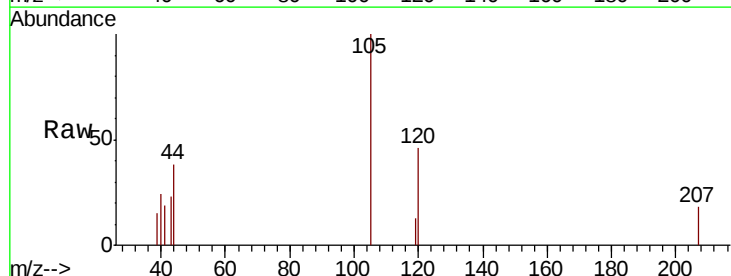


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

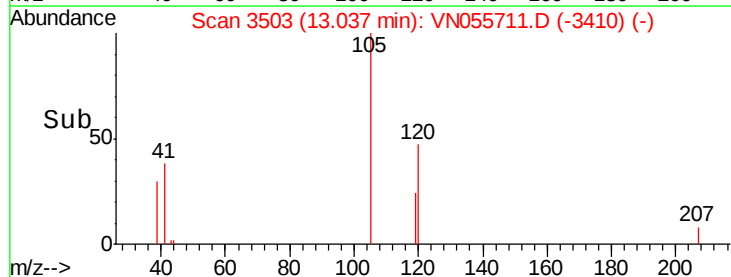
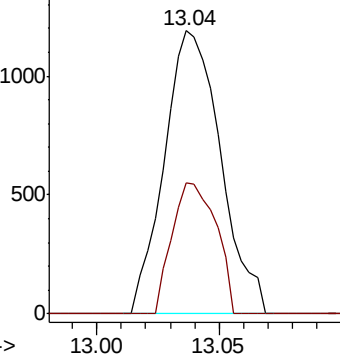


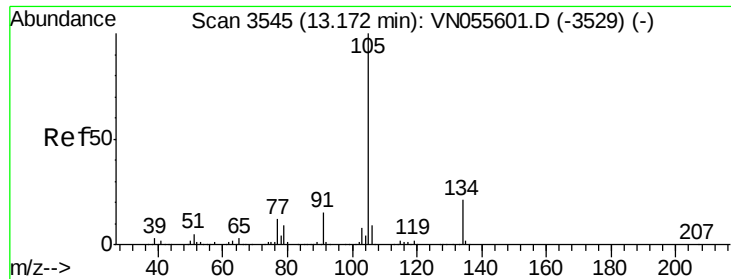
#84
1,2,4-Trimethylbenzene
Concen: Below Cal
RT: 13.04 min Scan# 3503
Delta R.T. -0.00 min
Lab File: VN055711.D
Acq: 21 May 2019 15:54

Tgt Ion:105 Resp: 1904
Ion Ratio Lower Upper
105 100
120 36.1 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: Below Cal

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN055711.D

Acq: 21 May 2019 15:54

Instrument :

MSVOA_N

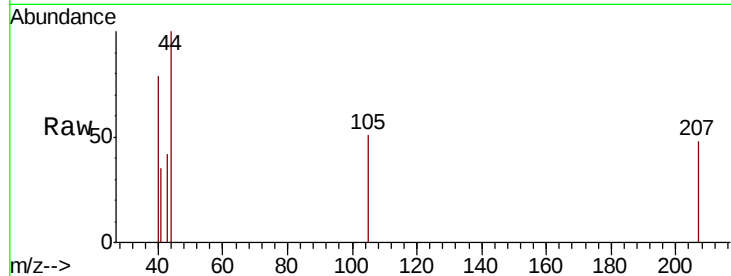
ClientSampled :

Tot Ion:105 Resp: 272

Ion Ratio Lower Upper

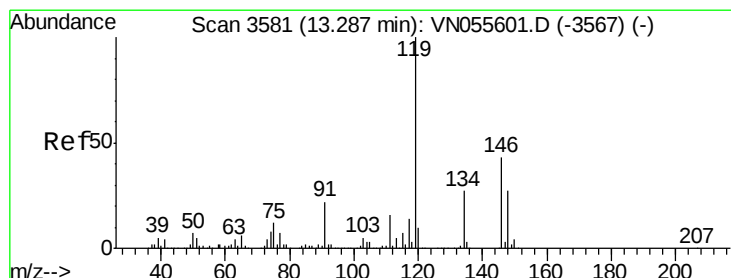
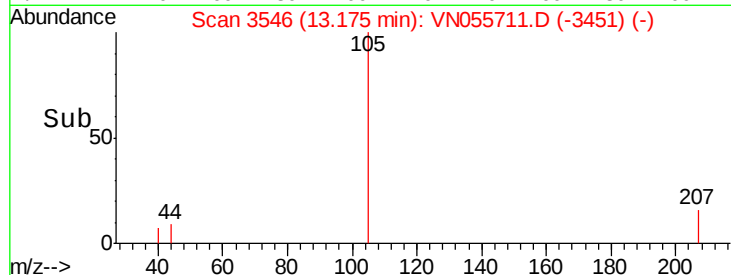
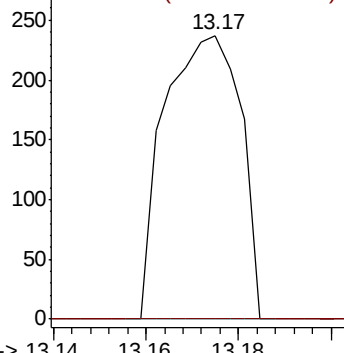
105 100

134 0.0 10.3 30.9#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: Below Cal

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055711.D

Acq: 21 May 2019 15:54

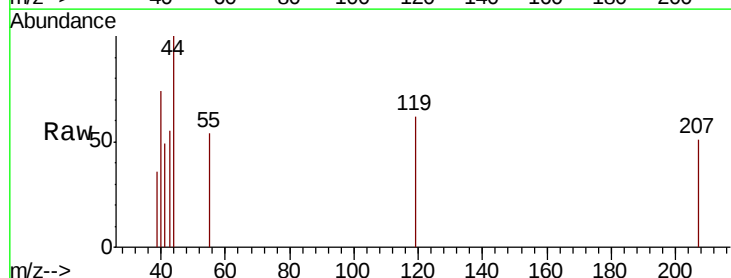
Tgt Ion:119 Resp: 259

Ion Ratio Lower Upper

119 100

134 0.0 13.4 40.2#

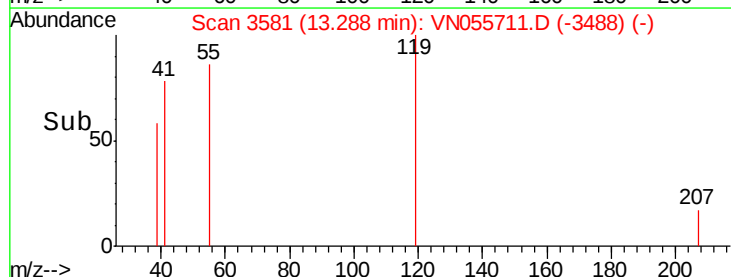
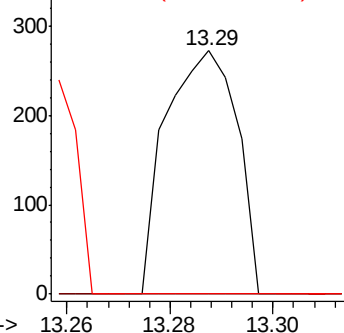
91 0.0 11.0 33.0#

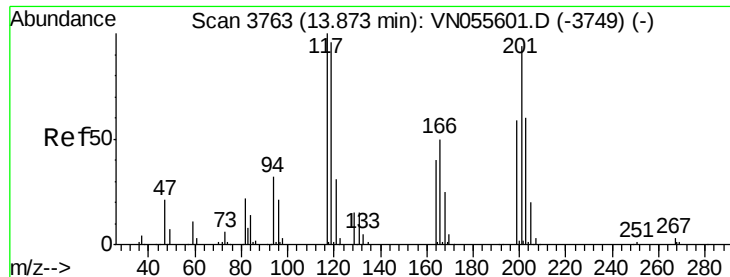


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#90

Hexachloroethane

Concen: Below Cal

RT: 14.00 min Scan# 3802

Delta R.T. 0.13 min

Lab File: VN055711.D

Acq: 21 May 2019 15:54

Instrument :

MSVOA_N

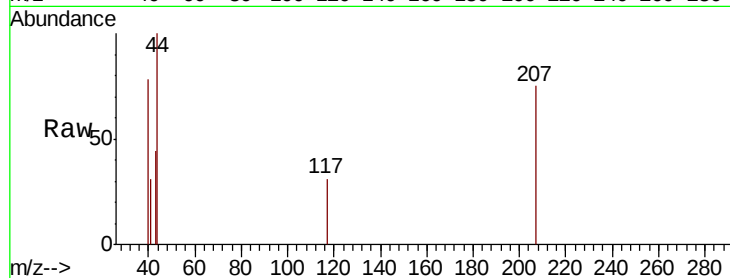
ClientSampled :

Tot Ion:117 Resp: 64

Ion Ratio Lower Upper

117 100

201 0.0 47.1 141.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

14.00

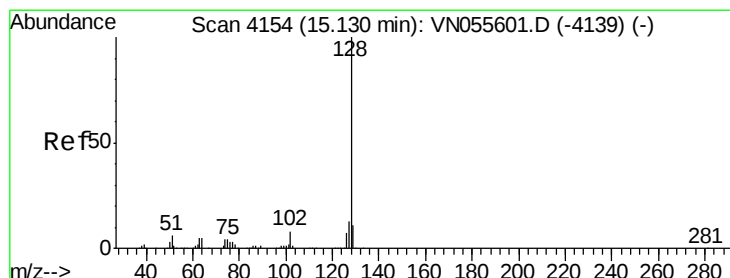
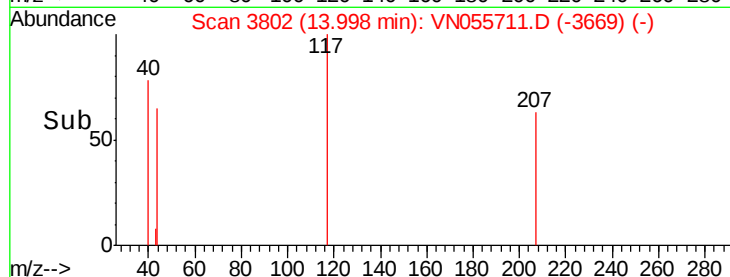
150

100

50

0

Time-->



#95

Naphthalene

Concen: 1.823 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055711.D

Acq: 21 May 2019 15:54

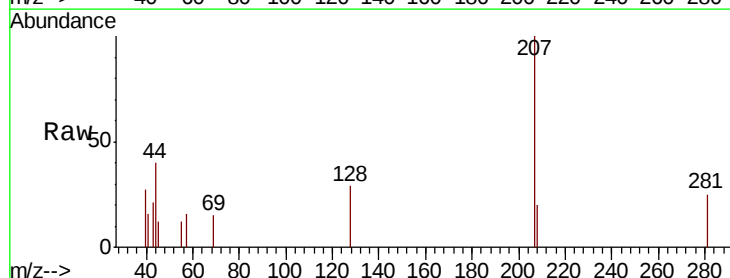
Tgt Ion:128 Resp: 593

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.4#

129 0.0 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

500

400

300

200

100

0

Time-->

