

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052119\
 Data File : VN055716.D
 Acq On : 21 May 2019 17:55
 Operator : JC/SP
 Sample : K2951-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 22 05:14:23 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	455626	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	619121	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	536914	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	203993	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	192385	38.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.04%	
35) Dibromofluoromethane	7.59	113	188460	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	
50) Toluene-d8	10.09	98	709777	47.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.46%	
62) 4-Bromofluorobenzene	12.40	95	222783	43.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.76%	

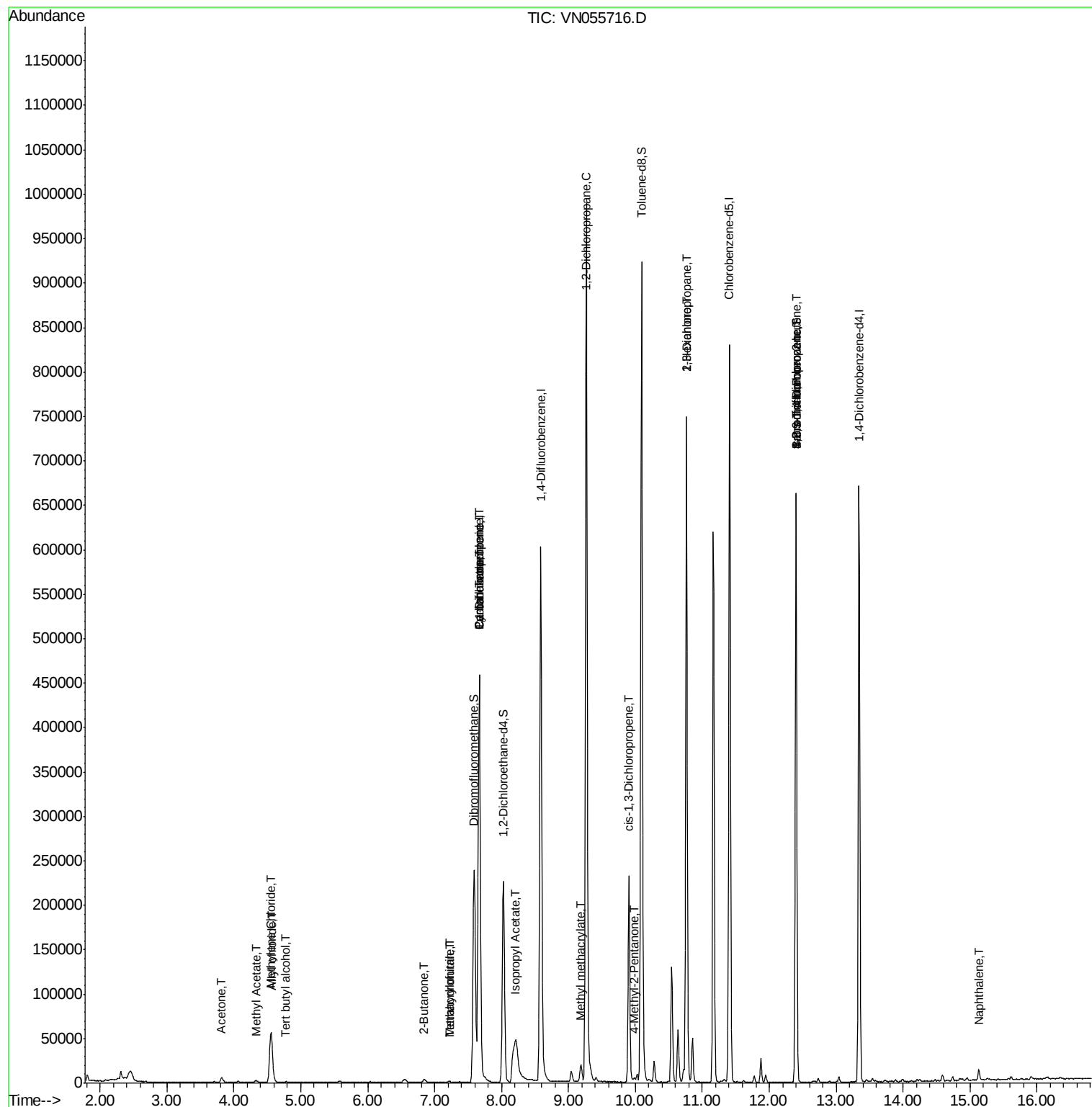
Target Compounds						Qvalue
11) Tert butyl alcohol	4.78	59	1706	1.832	ug/l #	74
14) Allyl chloride	4.57	41	1732	0.258	ug/l #	26
16) Acetone	3.82	43	10239	5.023	ug/l	94
18) Methyl Acetate	4.33	43	4907	1.123	ug/l #	74
20) Methylene Chloride	4.55	84	48746	10.479	ug/l	93
25) 2-Butanone	6.85	43	8109	2.845	ug/l	95
29) Tetrahydrofuran	7.23	42	1187	0.629	ug/l #	80
31) Cyclohexane	7.67	56	5626	0.760	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	24513	4.441	ug/l #	49
38) Carbon Tetrachloride	7.67	117	35559	6.028	ug/l #	15
41) Methacrylonitrile	7.21	41	732	0.344	ug/l #	100
43) Isopropyl Acetate	8.21	43	103585	11.955	ug/l #	53
45) 1,2-Dichloropropane	9.27	63	1262	0.295	ug/l #	43
48) Methyl methacrylate	9.18	41	7671	1.981	ug/l #	20
51) 4-Methyl-2-Pentanone	9.99	43	3300	0.649	ug/l	92
54) cis-1,3-Dichloropropene	9.90	75	49275	7.123	ug/l #	54
57) 1,3-Dichloropropane	10.76	76	8725	1.314	ug/l #	42
59) 2-Hexanone	10.76	43	104208	29.123	ug/l #	53
71) Bromoform	12.40	173	1514	0.409	ug/l #	1
73) Isopropylbenzene	12.25	105	198	Below Cal	#	48
76) 1,2,3-Trichloropropane	12.40	75	100098	24.047	ug/l #	100
79) 2-Chlorotoluene	12.68	91	602	Below Cal	#	65
80) 1,3,5-Trimethylbenzene	12.73	105	2087	Below Cal		100
81) trans-1,4-Dichloro-2-buten	12.40	75	100098	61.816	ug/l #	17
83) tert-Butylbenzene	13.04	119	468	Below Cal	#	60
84) 1,2,4-Trimethylbenzene	13.04	105	4373	Below Cal		97
85) sec-Butylbenzene	13.17	105	407	Below Cal	#	56
86) p-Isopropyltoluene	13.29	119	595	Below Cal	#	51
90) Hexachloroethane	13.89	117	127	Below Cal	#	3
95) Naphthalene	15.13	128	11946	2.851	ug/l	99

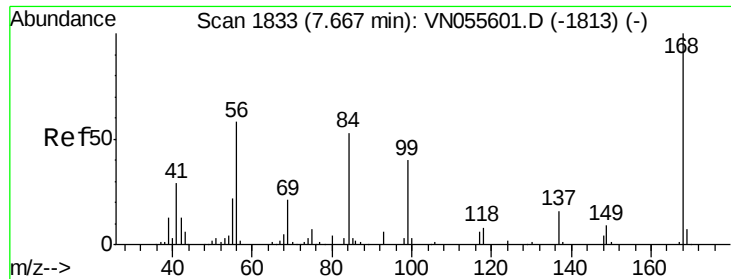
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN052119\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
Quant Title : SW846 8260
QLast Update : Fri May 17 23:54:12 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055716.D

Acq: 21 May 2019 17:55

Instrument :

MSVOA_N

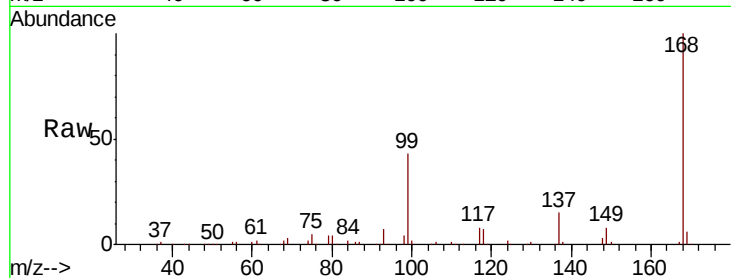
ClientSampleId :

Tot Ion:168 Resp: 455626

Ion Ratio Lower Upper

168 100

99 43.2 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

200000

150000

100000

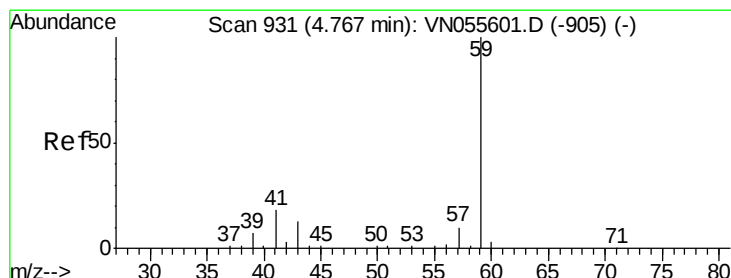
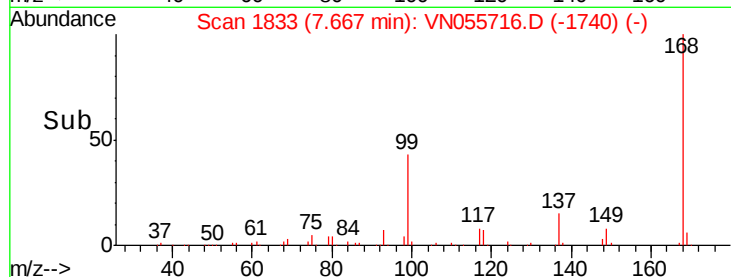
50000

0

7.60

7.70

Time-->



#11

Tert butyl alcohol

Concen: 1.832 ug/l

RT: 4.78 min Scan# 935

Delta R.T. 0.01 min

Lab File: VN055716.D

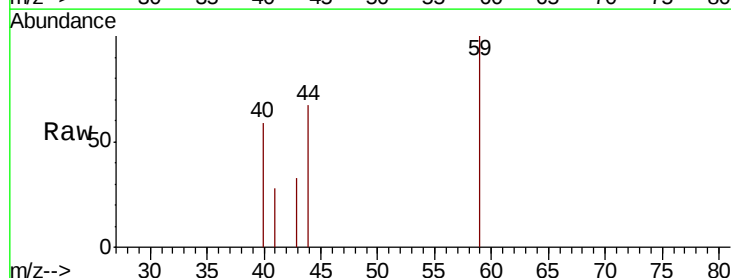
Acq: 21 May 2019 17:55

Tgt Ion: 59 Resp: 1706

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.78

600

400

200

0

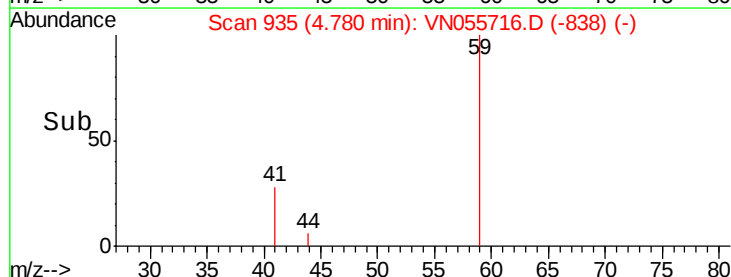
4.70

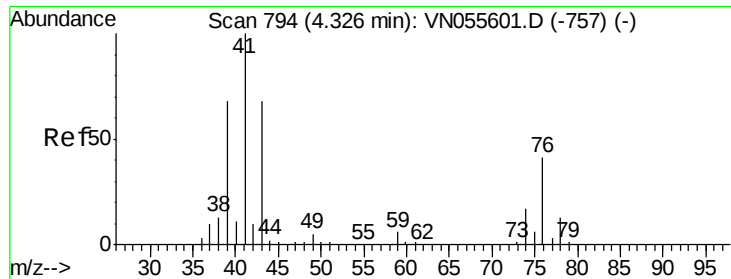
4.75

4.80

4.85

Time-->





#14

Allv1 chloride

Concen: 0.258 ug/l

RT: 4.57 min Scan# 870

Delta R.T. 0.24 min

Lab File: VN055716.D

Acq: 21 May 2019 17:55

Instrument :

MSVOA_N

ClientSampled :

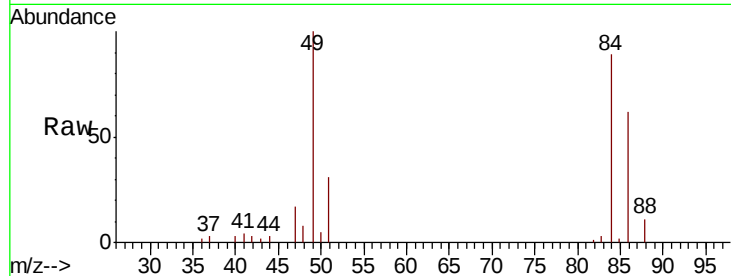
Tot Ion: 41 Resp: 1732

Ion Ratio Lower Upper

41 100

39 0.0 50.5 75.7#

76 0.0 29.2 43.8#



Abundance Ion 41.00 (40.70 to 41.70): VN0

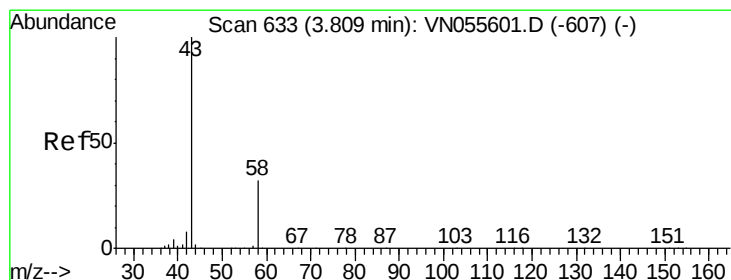
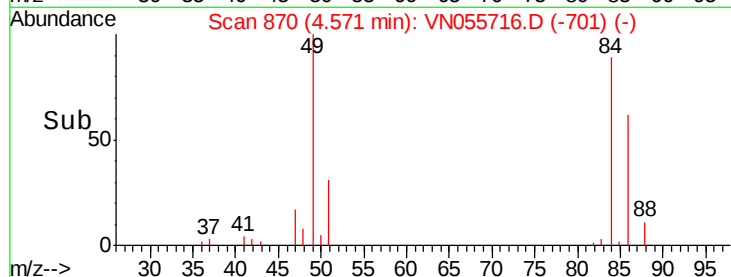
Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

4.57

4.50 4.55 4.60

Time-->



#16

Acetone

Concen: 5.023 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN055716.D

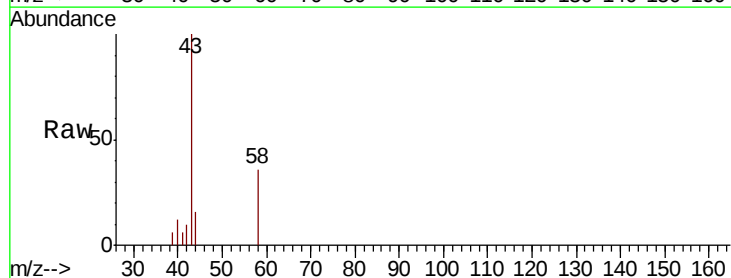
Acq: 21 May 2019 17:55

Tgt Ion: 43 Resp: 10239

Ion Ratio Lower Upper

43 100

58 36.0 26.0 39.0



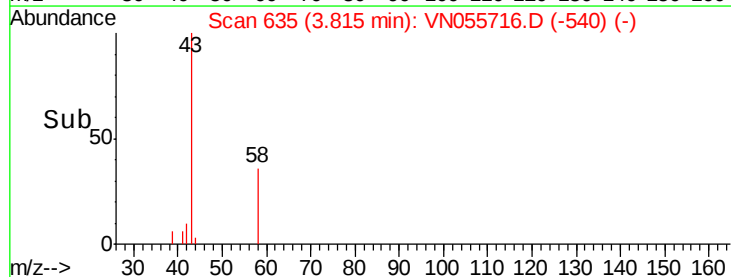
Abundance Ion 43.00 (42.70 to 43.70): VN0

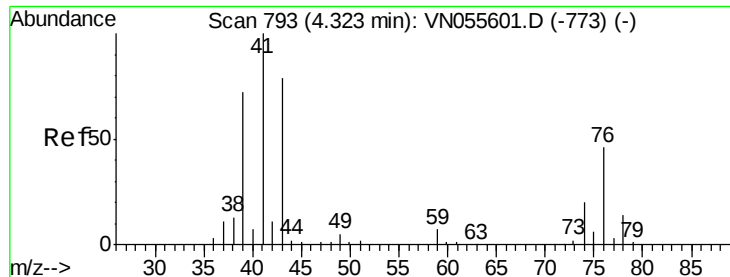
Ion 58.00 (57.70 to 58.70): VN0

3.82

3.70 3.80 3.90

Time-->

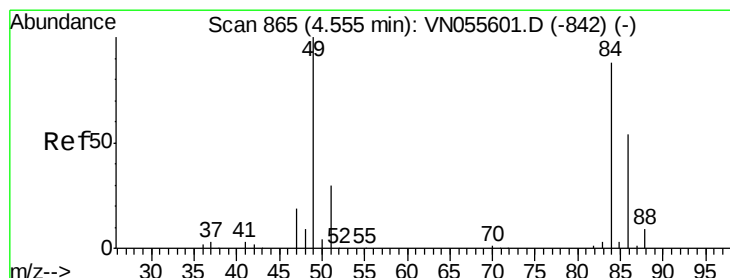
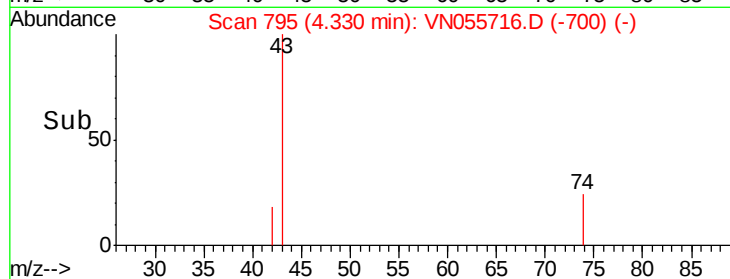
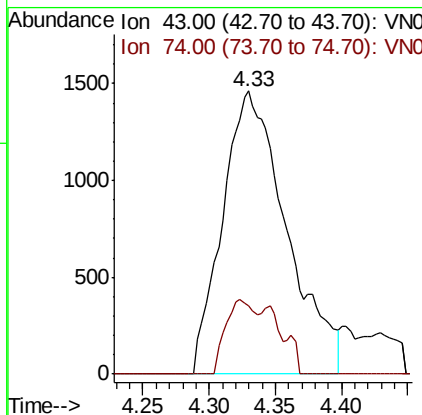
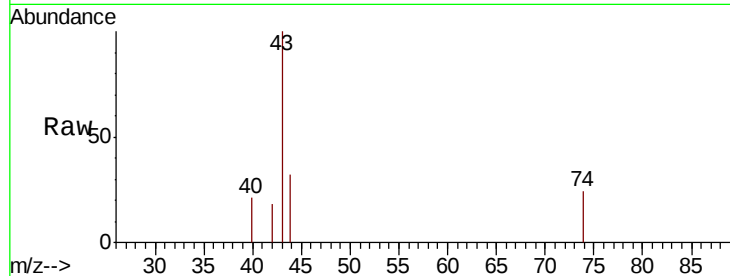




#18
Methyl Acetate
Concen: 1.123 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: VN055716.D
Acq: 21 May 2019 17:55

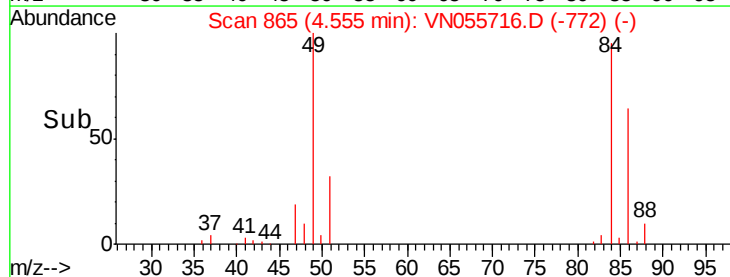
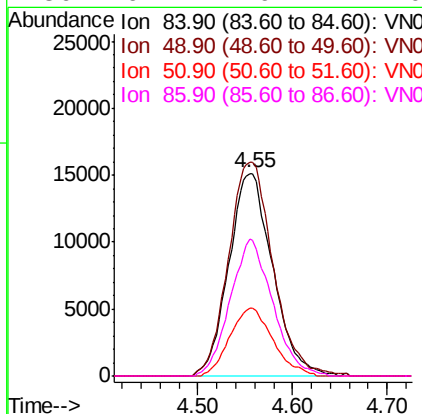
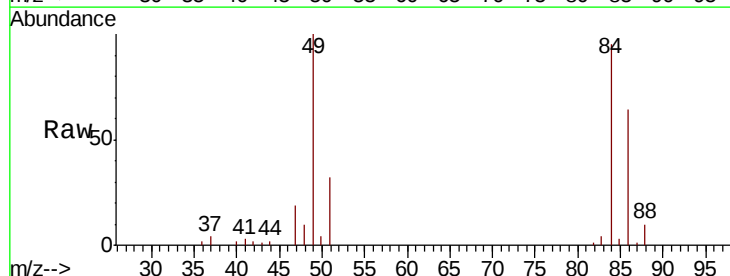
Instrument :
MSVOA_N
ClientSampled :

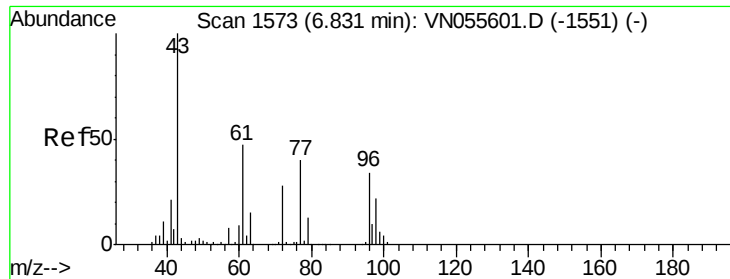
Tot Ion: 43 Resp: 4907
Ion Ratio Lower Upper
43 100
74 12.0 19.9 29.9#



#20
Methylene Chloride
Concen: 10.479 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN055716.D
Acq: 21 May 2019 17:55

Tgt Ion: 84 Resp: 48746
Ion Ratio Lower Upper
84 100
49 105.2 91.0 136.4
51 33.2 27.5 41.3
86 67.4 49.4 74.0





#25

2-Butanone

Concen: 2.845 ug/l

RT: 6.85 min Scan# 1578

Delta R.T. 0.02 min

Lab File: VN055716.D

Acq: 21 May 2019 17:55

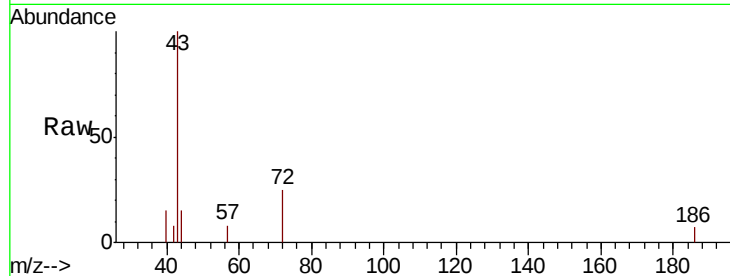
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 8109

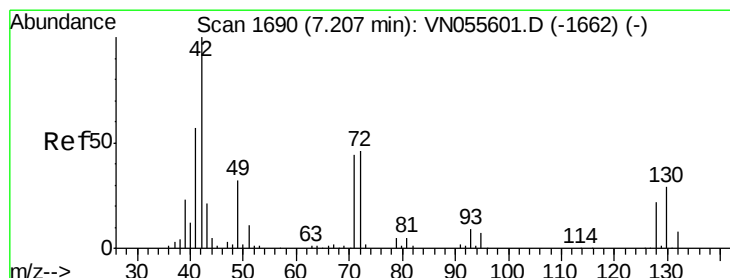
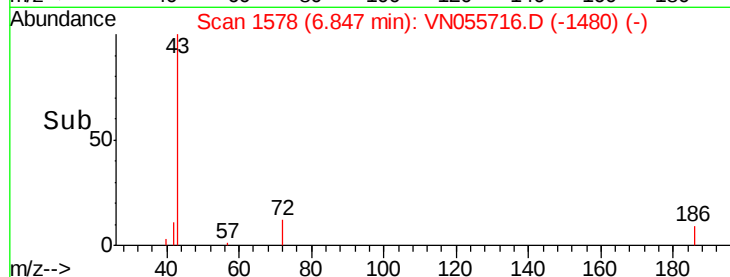
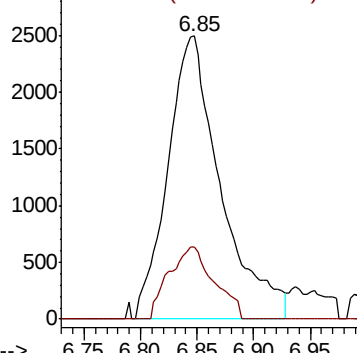
Ion Ratio Lower Upper

43 100

72 25.4 22.3 33.5



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



#29

Tetrahydrofuran

Concen: 0.629 ug/l

RT: 7.23 min Scan# 1696

Delta R.T. 0.02 min

Lab File: VN055716.D

Acq: 21 May 2019 17:55

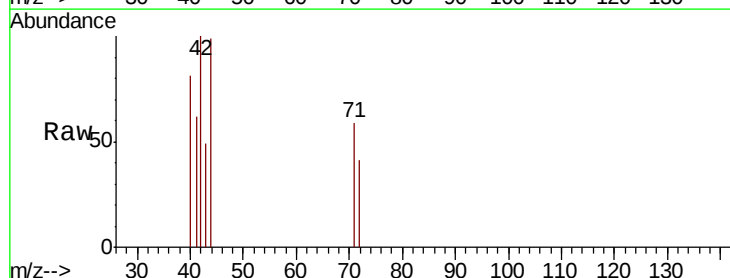
Tgt Ion: 42 Resp: 1187

Ion Ratio Lower Upper

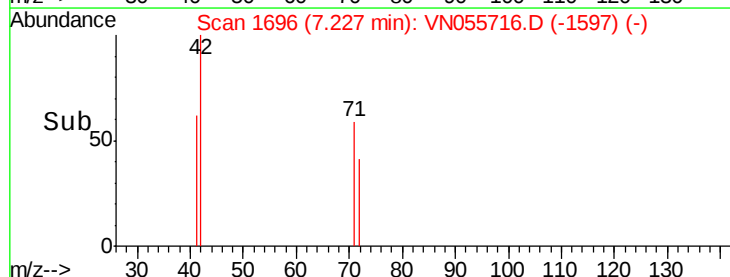
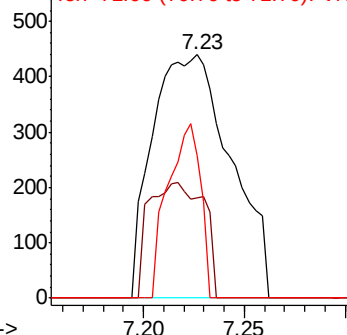
42 100

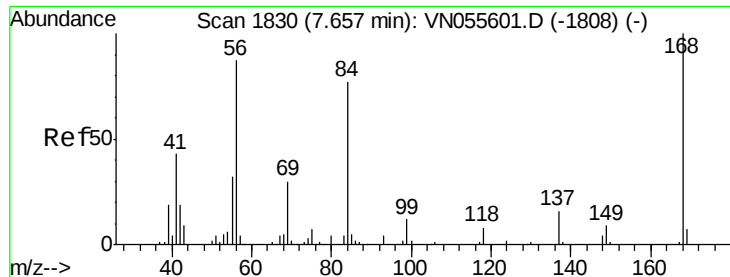
72 33.1 36.5 54.7#

71 30.2 34.9 52.3#



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

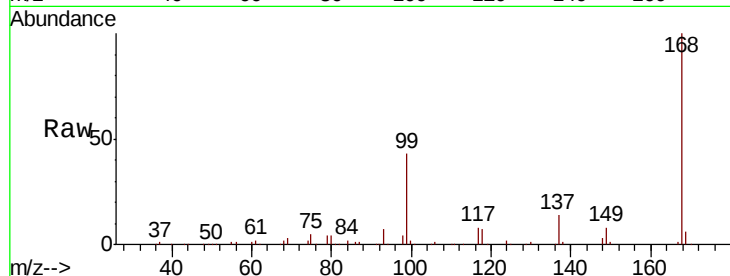




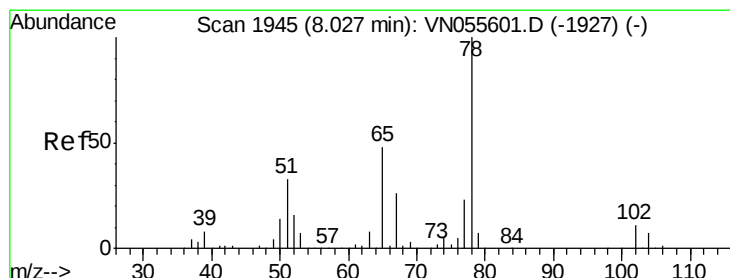
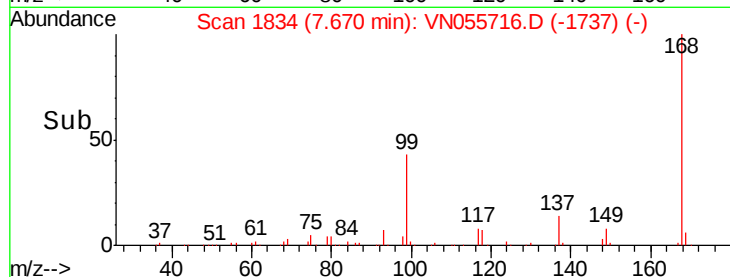
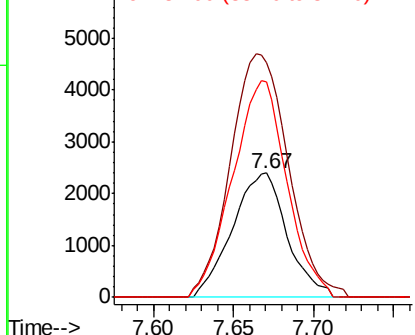
#31
Cyclohexane
Concen: 0.760 ug/l
RT: 7.67 min Scan# 1834
Delta R.T. 0.01 min
Lab File: VN055716.D
Acq: 21 May 2019 17:55

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 5626
Ion Ratio Lower Upper
56 100
69 189.3 27.2 40.8#
84 173.5 71.3 106.9#

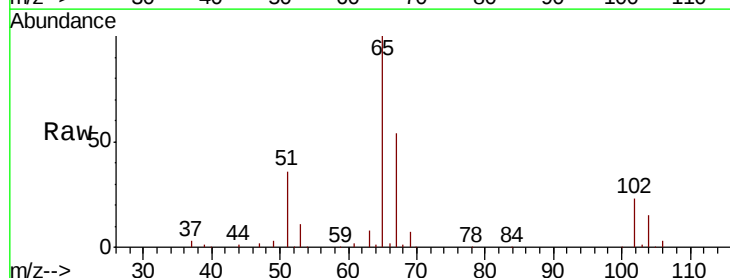


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

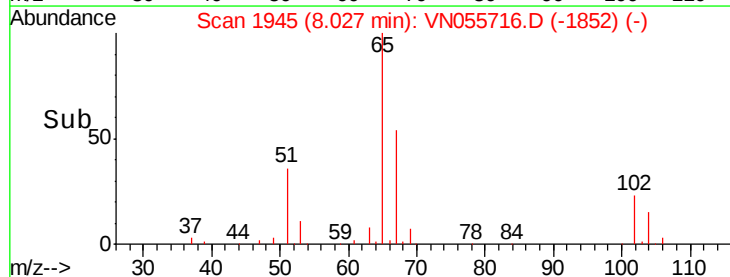
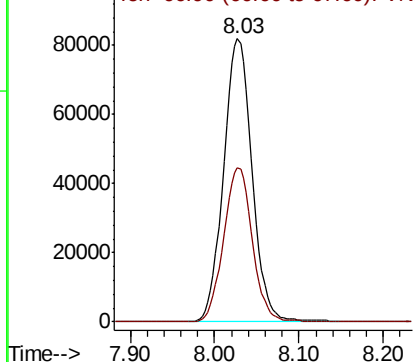


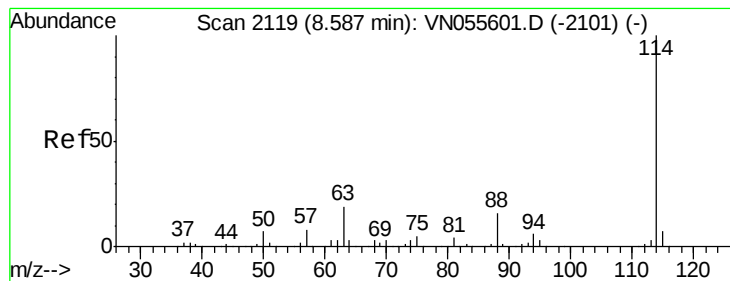
#33
1,2-Dichloroethane-d4
Concen: 38.519 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055716.D
Acq: 21 May 2019 17:55

Tgt Ion: 65 Resp: 192385
Ion Ratio Lower Upper
65 100
67 54.5 0.0 108.6



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: VN055716.D

Acq: 21 May 2019 17:55

Instrument :

MSVOA_N

ClientSampleId :

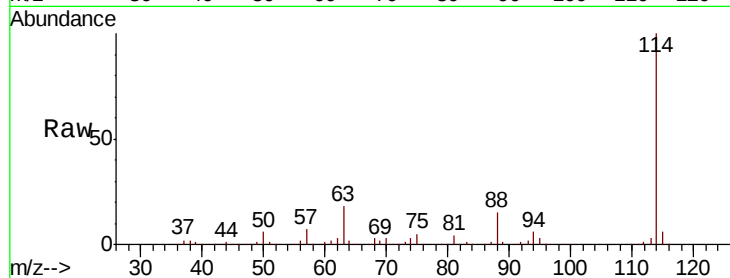
Tot Ion:114 Resp: 619121

Ion Ratio Lower Upper

114 100

63 17.7 0.0 38.2

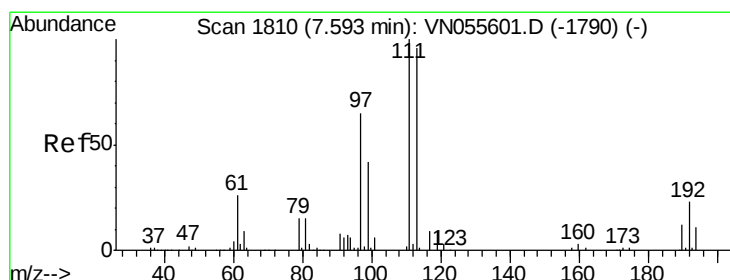
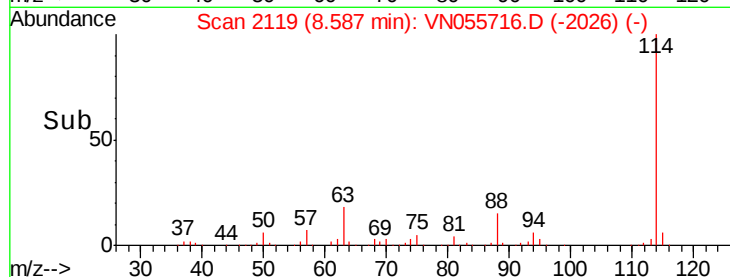
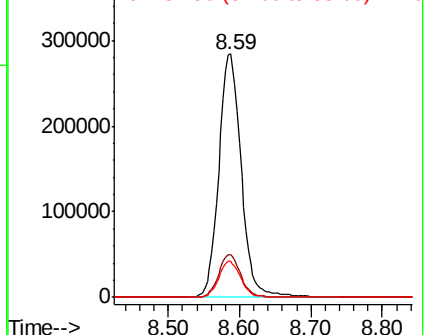
88 14.7 0.0 31.0



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



#35

Dibromofluoromethane

Concen: 47.918 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN055716.D

Acq: 21 May 2019 17:55

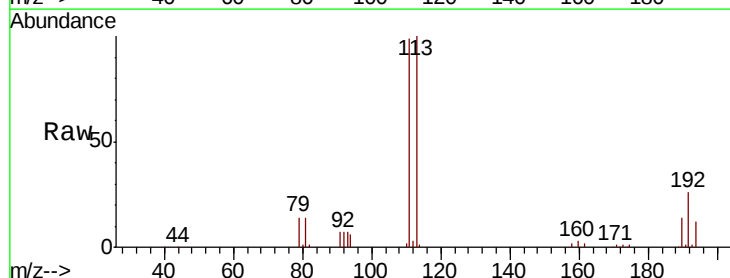
Tgt Ion:113 Resp: 188460

Ion Ratio Lower Upper

113 100

111 101.0 82.5 123.7

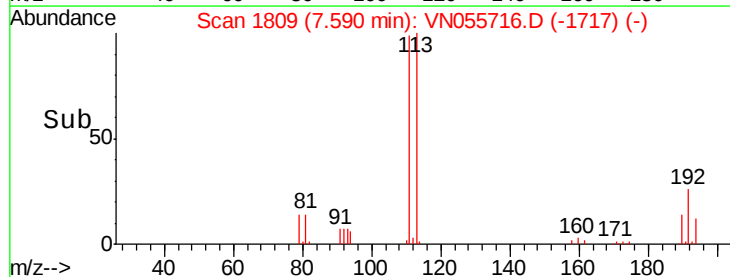
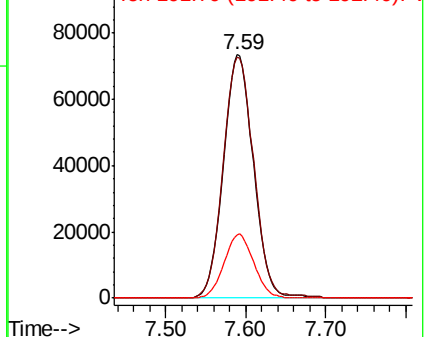
192 25.9 18.7 28.1

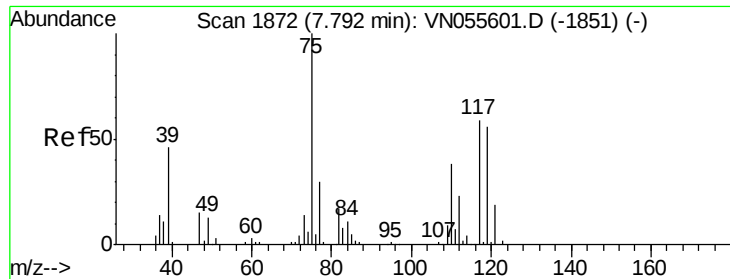


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

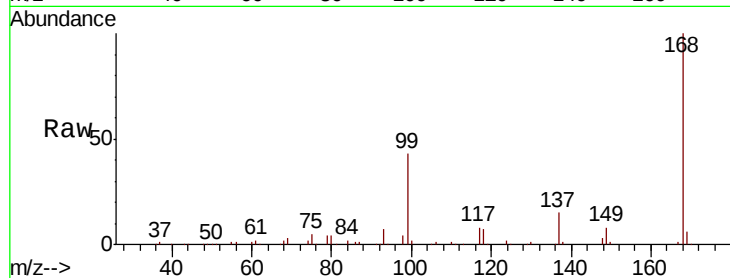




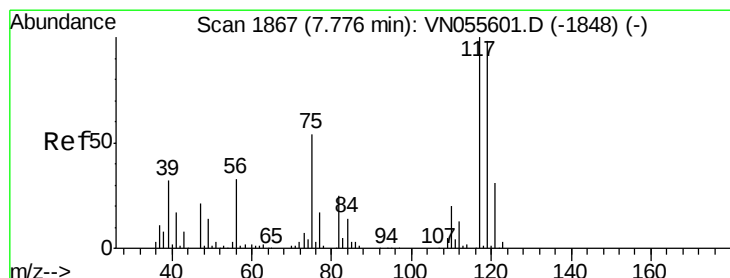
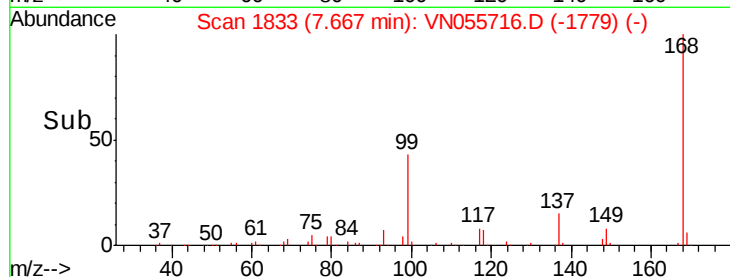
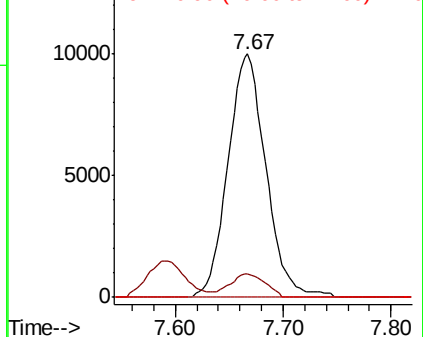
#36
 1,1-Dichloropropene
 Concen: 4.441 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN055716.D
 Acq: 21 May 2019 17:55

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	75	Resp	24513
Ion Ratio	100	Lower	Upper
75	100		
110	8.9	18.6	55.6#
77	0.0	24.9	37.3#

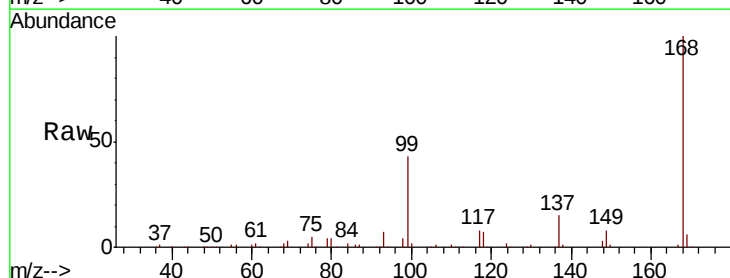


Abundance Ion 74.90 (74.60 to 75.60): VN055601.D (-1851) (-)

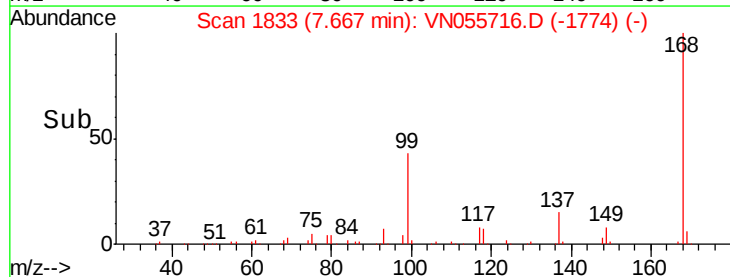
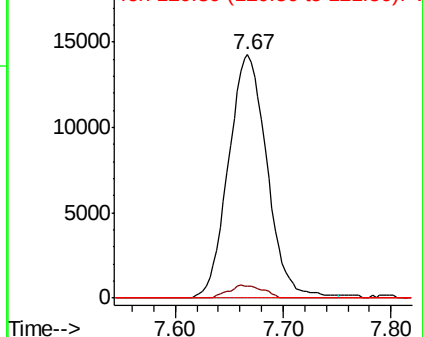


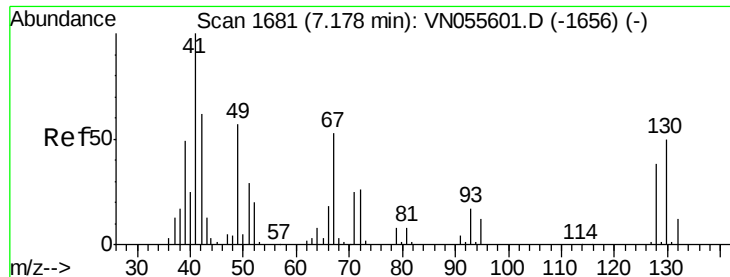
#38
 Carbon Tetrachloride
 Concen: 6.028 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN055716.D
 Acq: 21 May 2019 17:55

Tgt Ion	117	Resp	35559
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	4.7	77.8	116.8#
121	0.0	24.6	37.0#



Abundance Ion 116.80 (116.50 to 117.50): VN055601.D (-1848) (-)

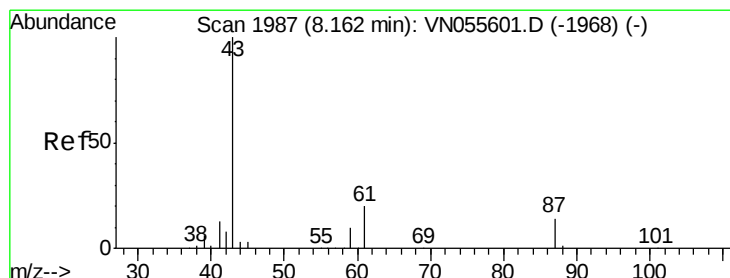
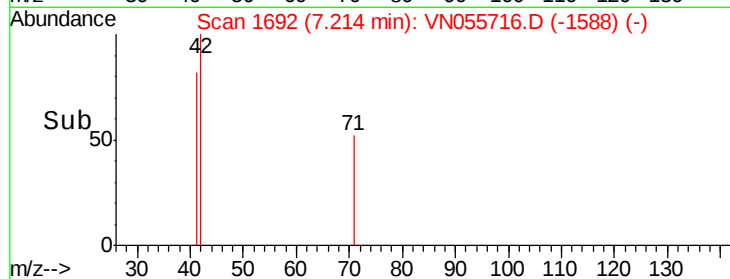
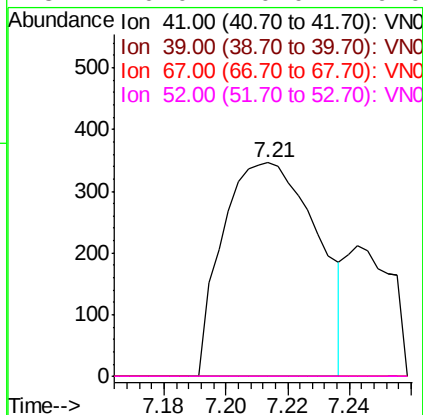
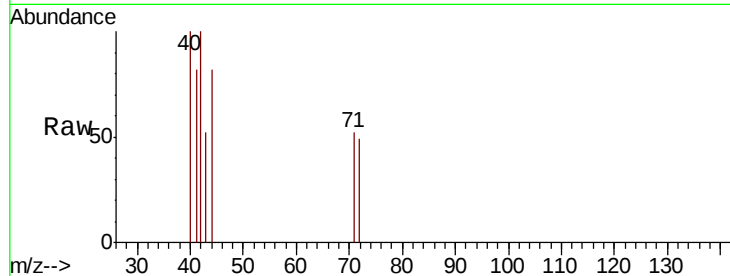




#41
Methacrylonitrile
Concen: 0.344 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.04 min
Lab File: VN055716.D
Acq: 21 May 2019 17:55

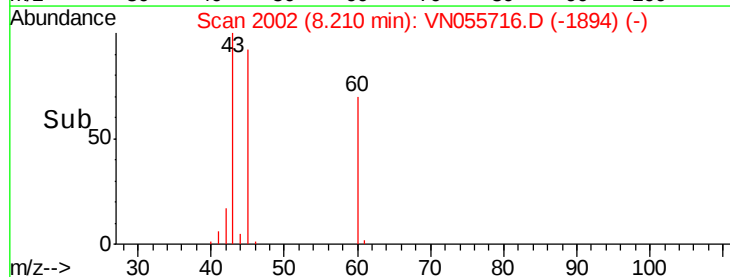
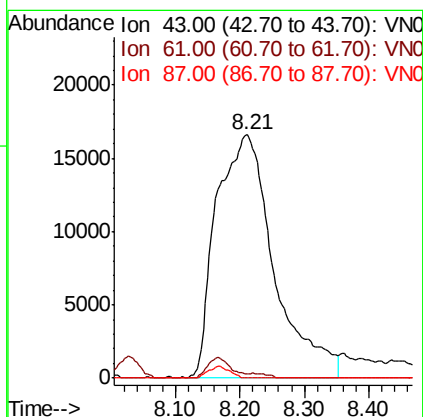
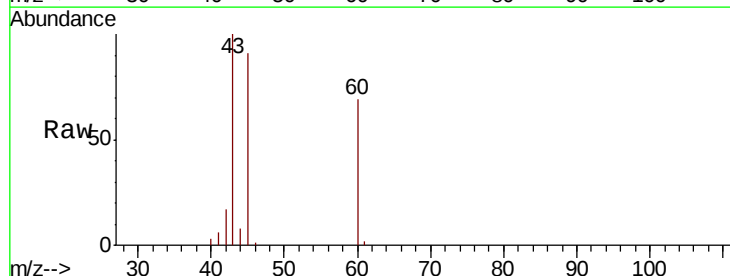
Instrument :
MSVOA_N
ClientSampled :

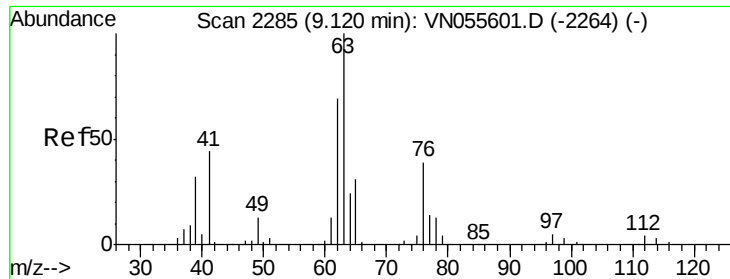
Tot Ion:	41	Resp:	732
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#43
Isopropyl Acetate
Concen: 11.955 ug/l
RT: 8.21 min Scan# 2002
Delta R.T. 0.05 min
Lab File: VN055716.D
Acq: 21 May 2019 17:55

Tgt Ion:	43	Resp:	103585
Ion	Ratio	Lower	Upper
43	100		
61	0.0	22.1	33.1#
87	0.0	11.8	17.6#





#45

1,2-Dichloropropane

Concen: 0.295 ug/l

RT: 9.27 min Scan# 2330

Delta R.T. 0.14 min

Lab File: VN055716.D

Acq: 21 May 2019 17:55

Instrument :

MSVOA_N

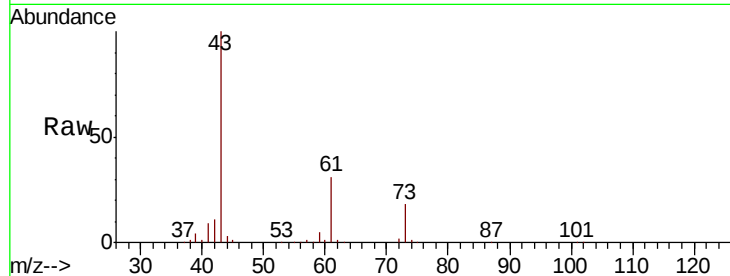
ClientSampleId :

Tot Ion: 63 Resp: 1262

Ion Ratio Lower Upper

63 100

65 0.0 25.2 37.8#



Abundance Ion 62.90 (62.60 to 63.60): VNC

Ion 64.90 (64.60 to 65.60): VNC

9.27

800

600

400

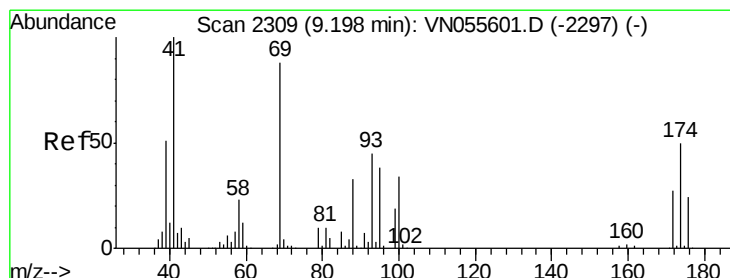
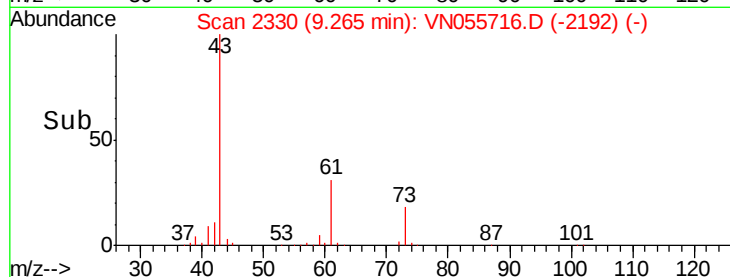
200

0

9.25

9.30

Time-->



#48

Methyl methacrylate

Concen: 1.981 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. -0.02 min

Lab File: VN055716.D

Acq: 21 May 2019 17:55

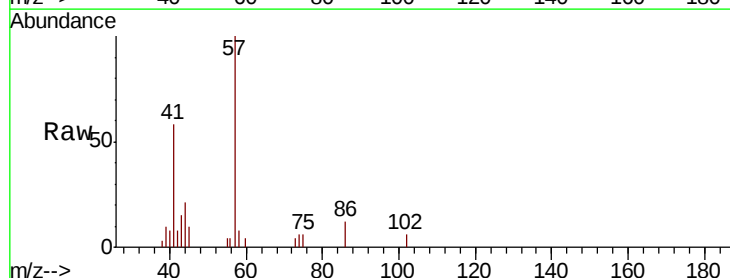
Tgt Ion: 41 Resp: 7671

Ion Ratio Lower Upper

41 100

69 0.0 74.2 111.2#

39 18.2 43.8 65.8#



Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 69.00 (68.70 to 69.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

60000

50000

40000

30000

20000

10000

0

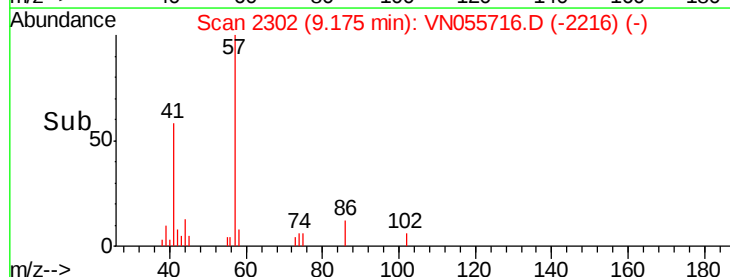
9.10

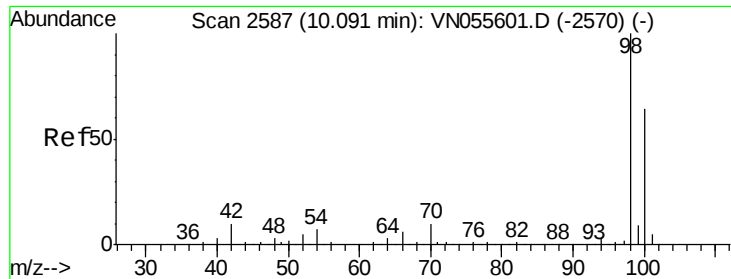
9.15

9.20

9.25

Time-->





#50

Toluene-d8

Concen: 47.729 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055716.D

Acq: 21 May 2019 17:55

Instrument :

MSVOA_N

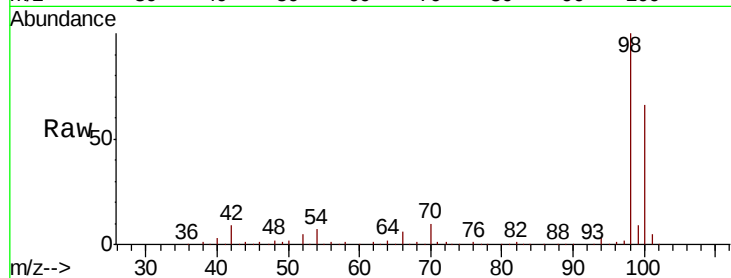
ClientSampled :

Tot Ion: 98 Resp: 709777

Ion Ratio Lower Upper

98 100

100 64.8 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

400000

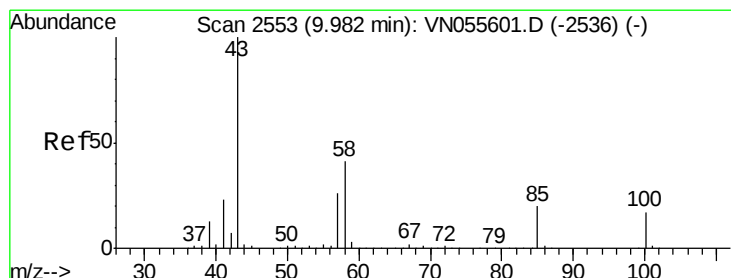
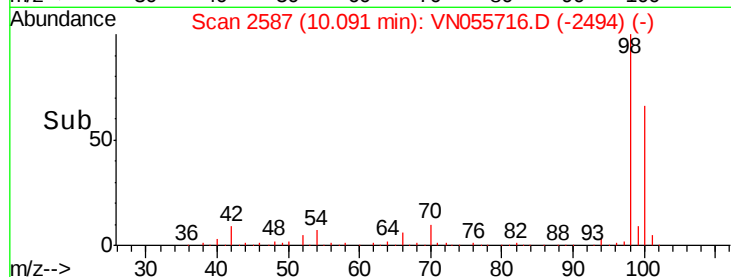
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.649 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055716.D

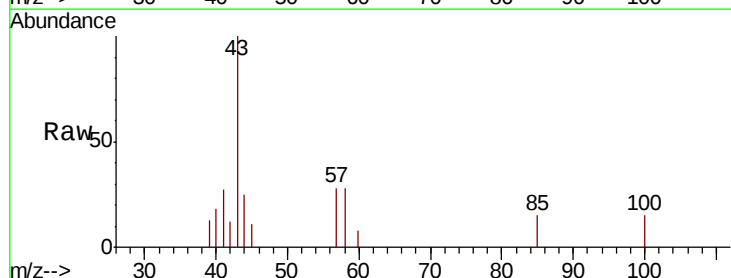
Acq: 21 May 2019 17:55

Tgt Ion: 43 Resp: 3300

Ion Ratio Lower Upper

43 100

58 35.8 32.7 49.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

4000

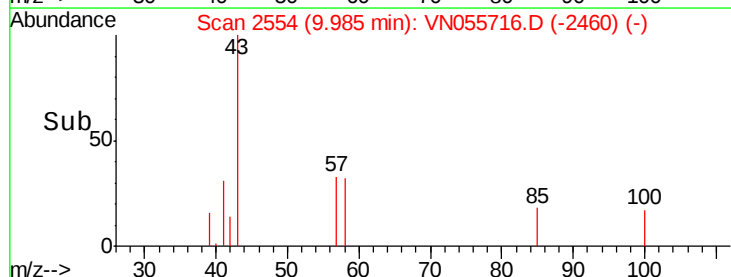
3000

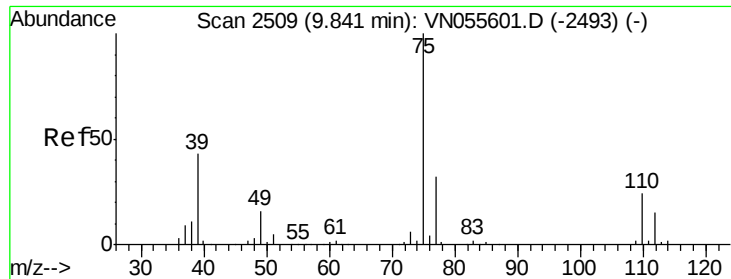
2000

1000

0

Time-->



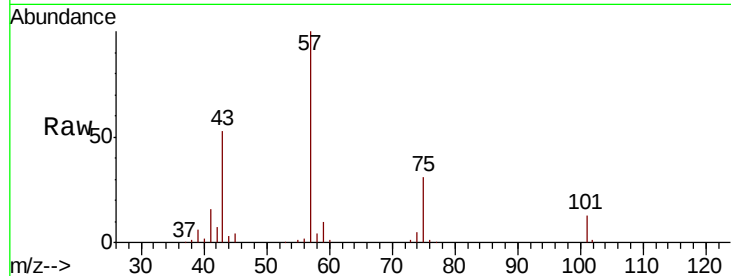


#54

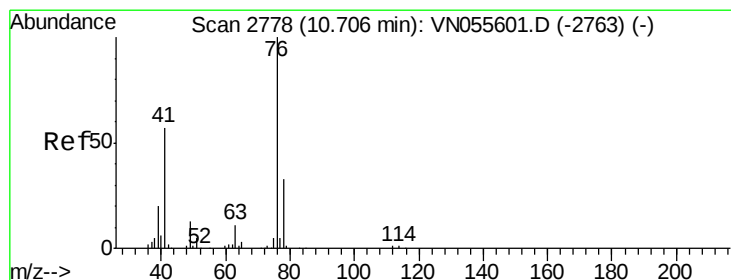
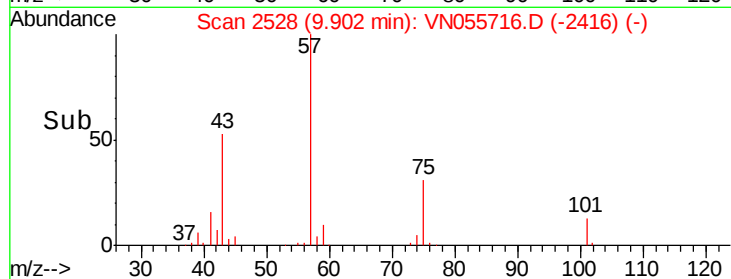
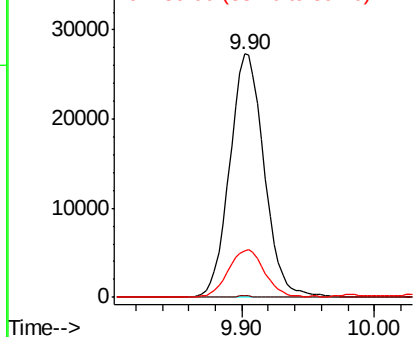
cis-1,3-Dichloropropene
 Concen: 7.123 ug/l
 RT: 9.90 min Scan# 2528
 Delta R.T. 0.06 min
 Lab File: VN055716.D
 Acq: 21 May 2019 17:55

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 75 Resp: 49275
 Ion Ratio Lower Upper
 75 100
 77 0.7 25.7 38.5#
 39 19.1 34.7 52.1#



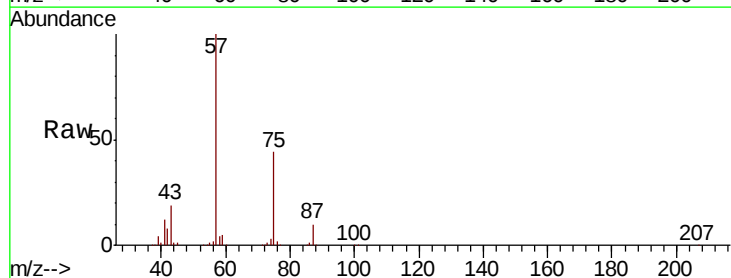
Abundance Ion 74.90 (74.60 to 75.60): VNO
 Ion 76.90 (76.60 to 77.60): VNO
 Ion 39.00 (38.70 to 39.70): VNO



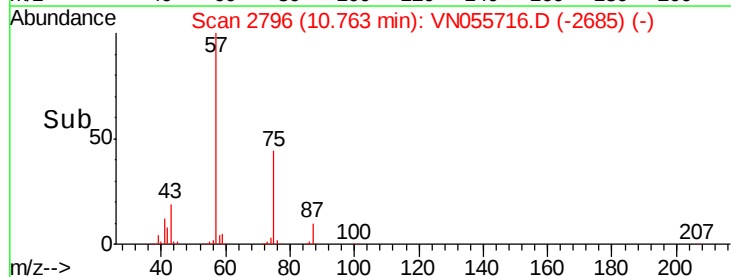
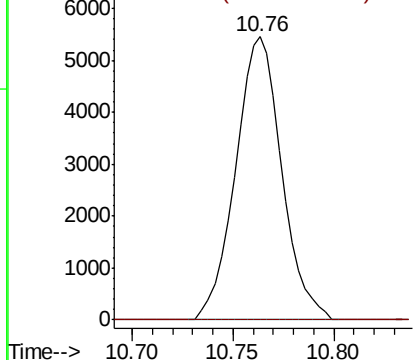
#57

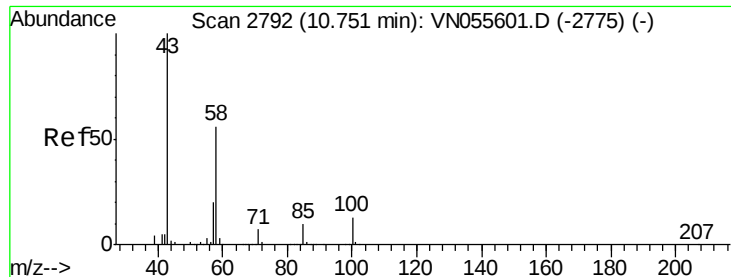
1,3-Dichloropropane
 Concen: 1.314 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN055716.D
 Acq: 21 May 2019 17:55

Tgt Ion: 76 Resp: 8725
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.5 39.7#



Abundance Ion 75.90 (75.60 to 76.60): VNO
 Ion 77.90 (77.60 to 78.60): VNO

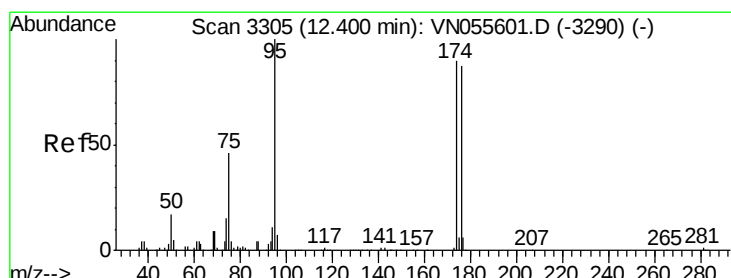
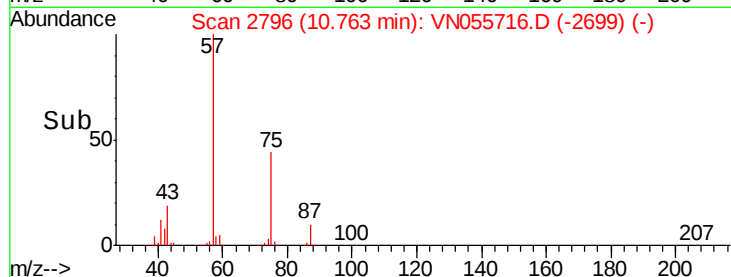
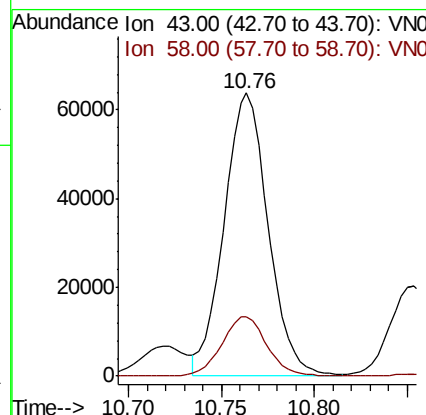
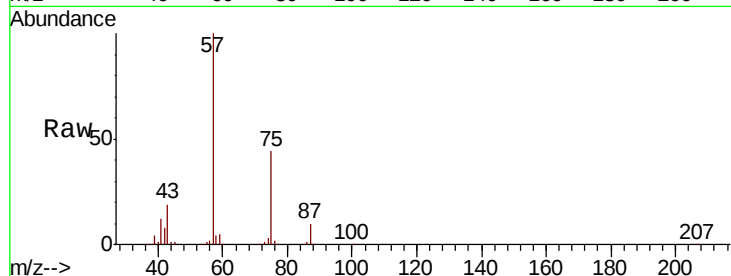




#59
2-Hexanone
Concen: 29.123 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN055716.D
Acq: 21 May 2019 17:55

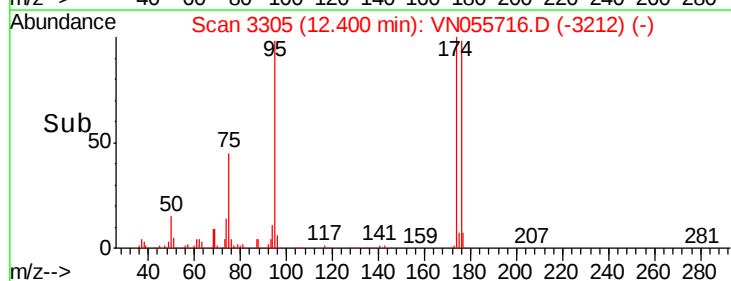
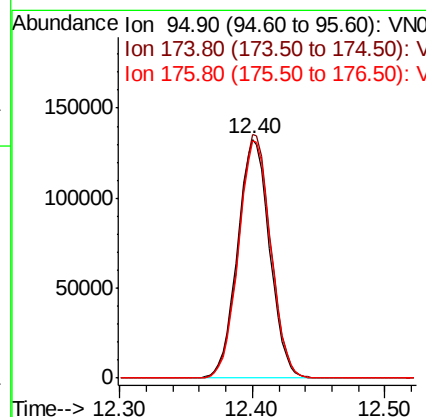
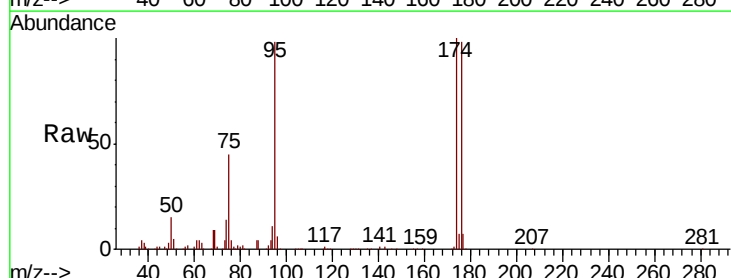
Instrument :
MSVOA_N
ClientSampleId :

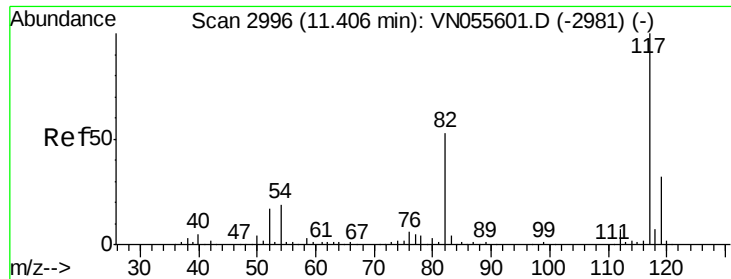
Tot Ion: 43 Resp: 104208
Ion Ratio Lower Upper
43 100
58 21.6 28.1 84.4#



#62
4-Bromofluorobenzene
Concen: 43.384 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055716.D
Acq: 21 May 2019 17:55

Tgt Ion: 95 Resp: 222783
Ion Ratio Lower Upper
95 100
174 102.9 0.0 180.6
176 99.7 0.0 177.4

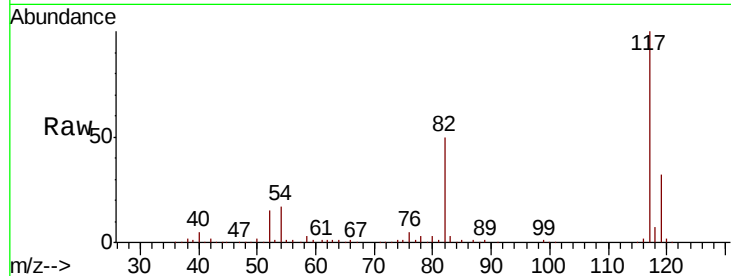




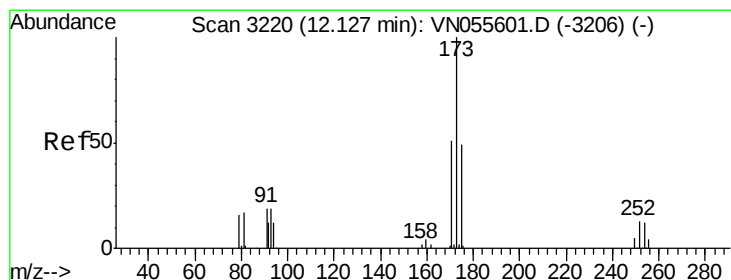
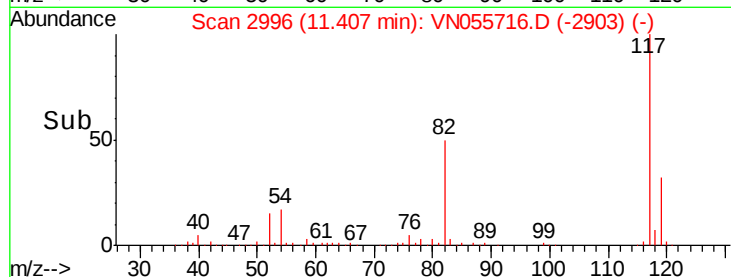
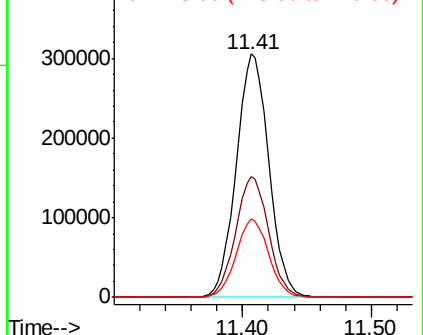
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055716.D
Acq: 21 May 2019 17:55

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 536914
Ion Ratio Lower Upper
117 100
82 49.5 42.3 63.5
119 32.1 25.4 38.2

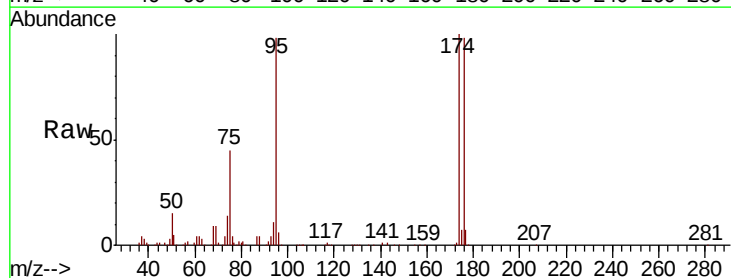


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

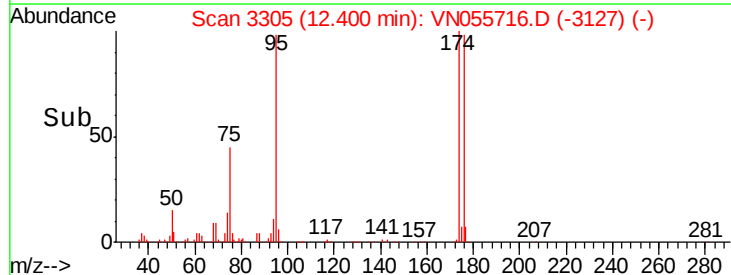
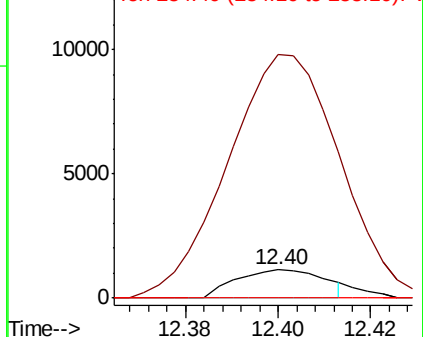


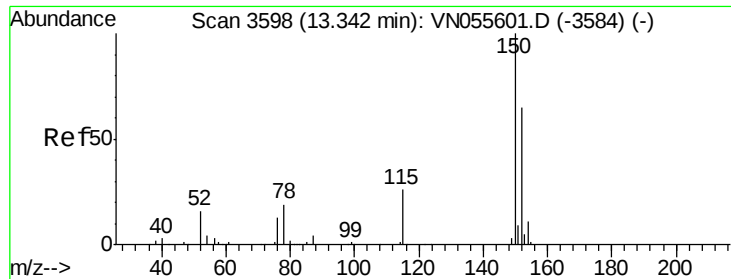
#71
Bromoform
Concen: 0.409 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN055716.D
Acq: 21 May 2019 17:55

Tgt Ion:173 Resp: 1514
Ion Ratio Lower Upper
173 100
175 968.4 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



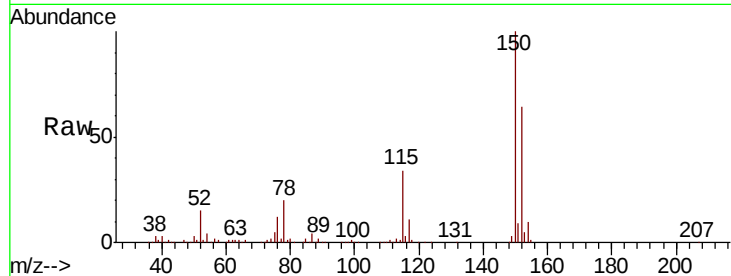


#72

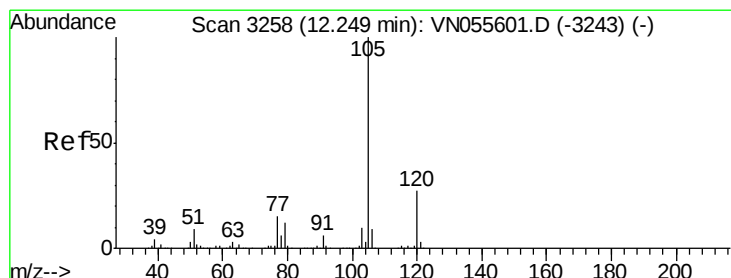
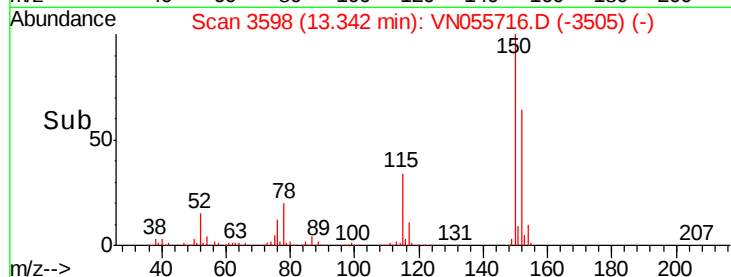
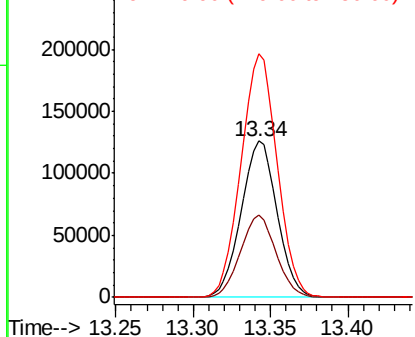
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055716.D
Acq: 21 May 2019 17:55

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
115	52.0	28.1	84.2
150	156.5	0.0	348.0



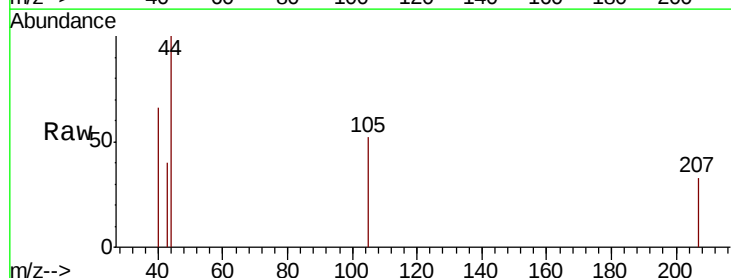
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



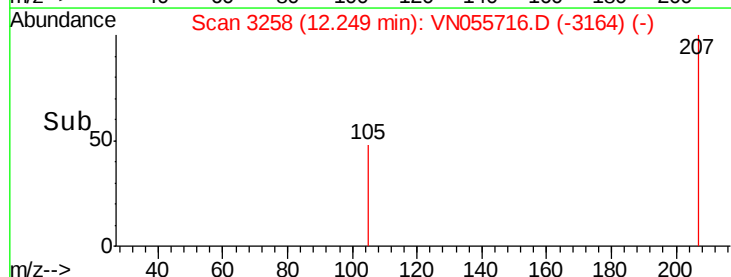
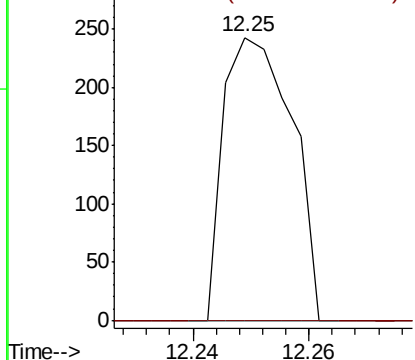
#73

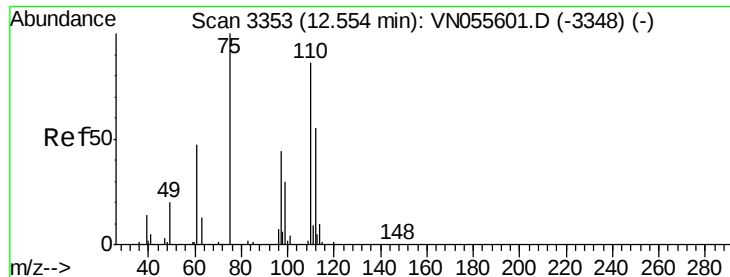
Isopropylbenzene
Concen: Below Cal
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN055716.D
Acq: 21 May 2019 17:55

Tgt 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





#76

1,2,3-Trichloropropane

Concen: 24.047 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055716.D

Acq: 21 May 2019 17:55

Instrument :

MSVOA_N

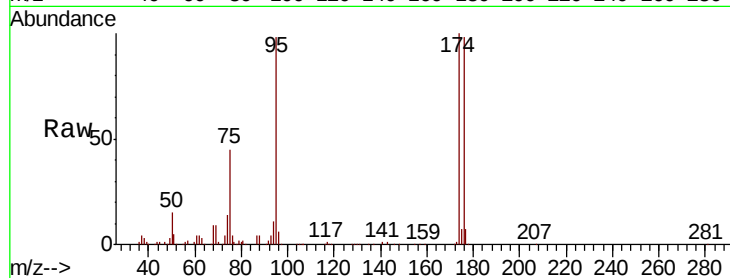
ClientSampleId :

Tot Ion: 75 Resp: 100098

Ion Ratio Lower Upper

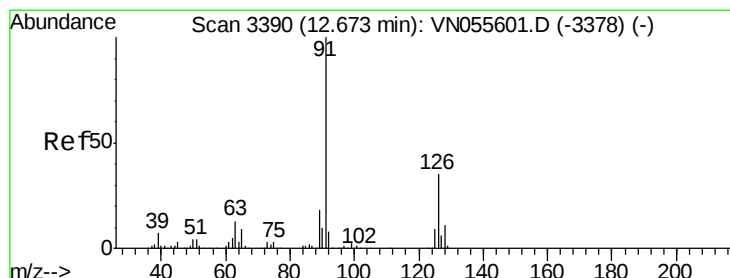
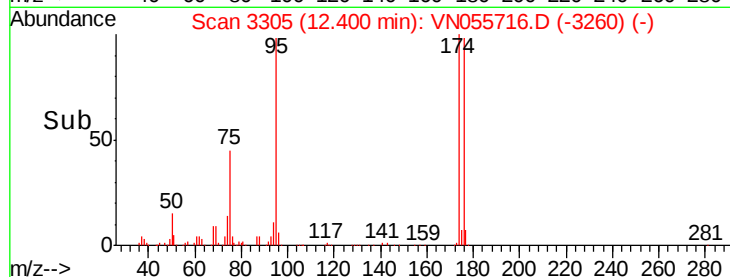
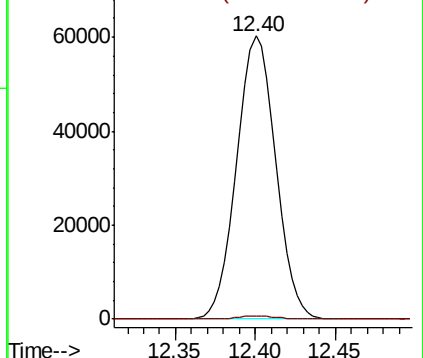
75 100

77 1.0 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: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN055716.D

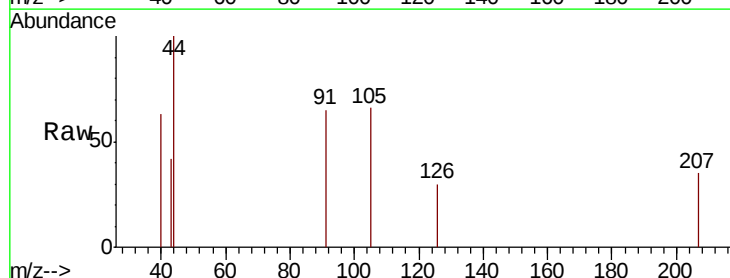
Acq: 21 May 2019 17:55

Tgt Ion: 91 Resp: 602

Ion Ratio Lower Upper

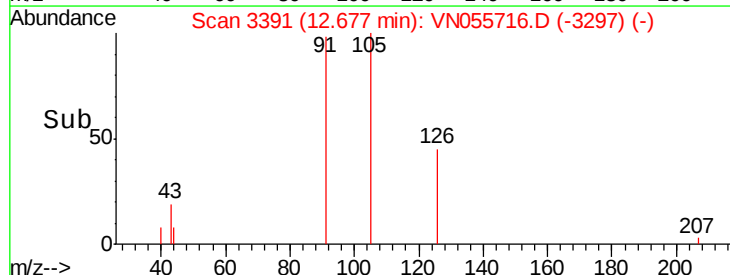
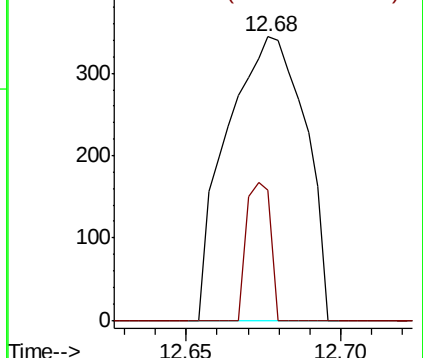
91 100

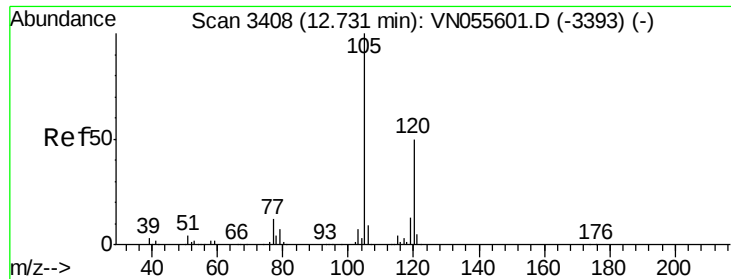
126 15.3 17.8 53.4#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

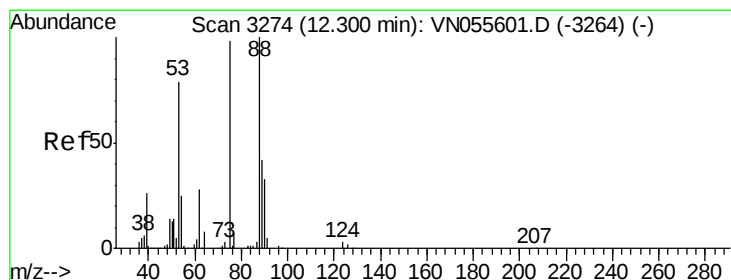
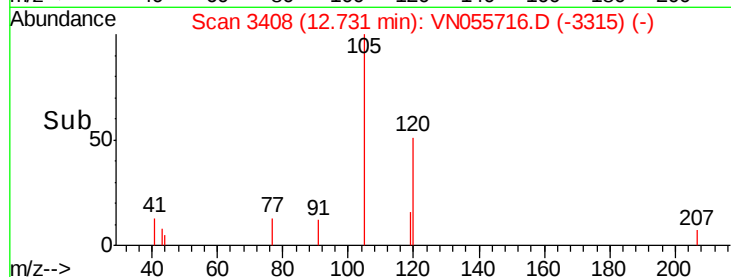
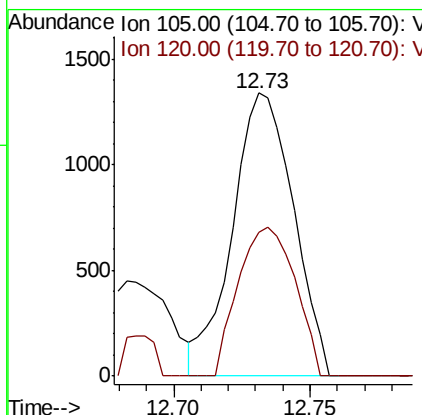
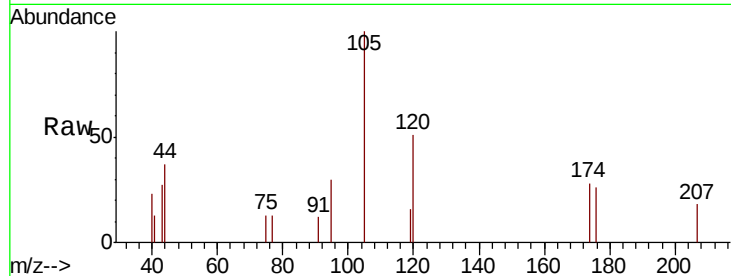




#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN055716.D
 Acq: 21 May 2019 17:55

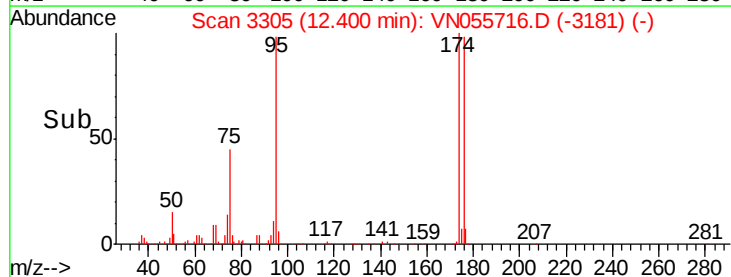
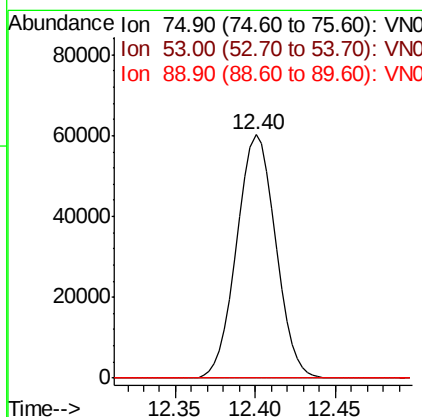
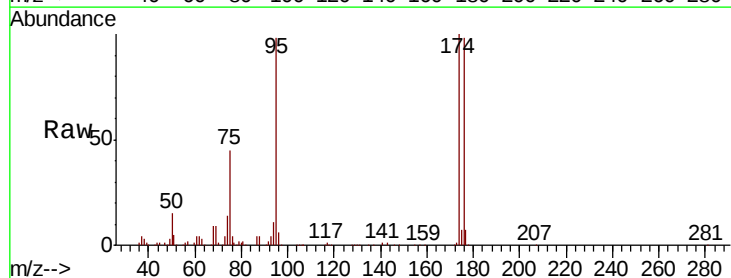
Instrument :
 MSVOA_N
 ClientSampled :

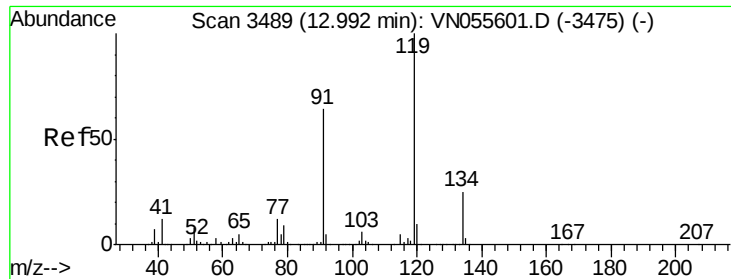
Tot Ion: 105 Resp: 2087
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.6 74.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.816 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN055716.D
 Acq: 21 May 2019 17:55

Tgt Ion: 75 Resp: 100098
 Ion Ratio Lower Upper
 75 100
 53 0.0 65.1 97.7#
 89 0.0 36.4 54.6#

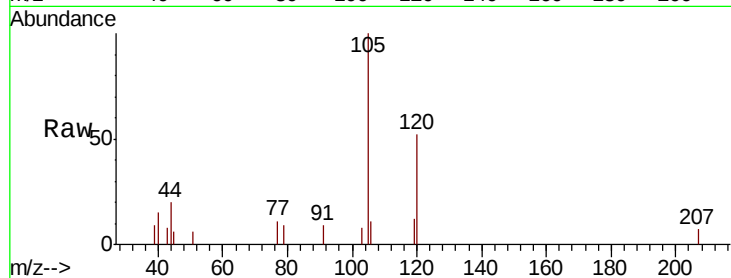




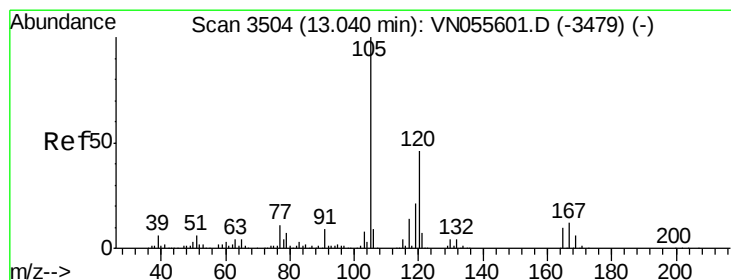
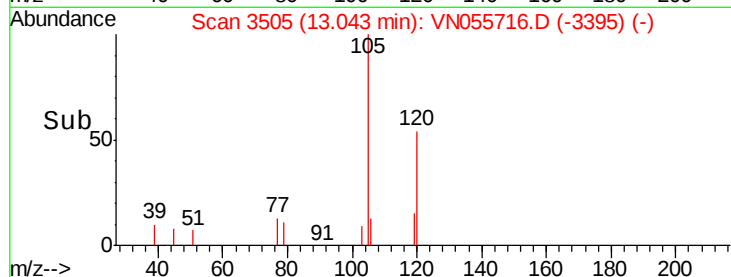
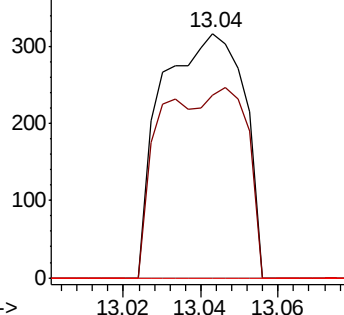
#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.05 min
 Lab File: VN055716.D
 Acq: 21 May 2019 17:55

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:119 Resp: 468
 Ion Ratio Lower Upper
 119 100
 91 35.0 31.3 93.8
 134 0.0 13.2 39.6#

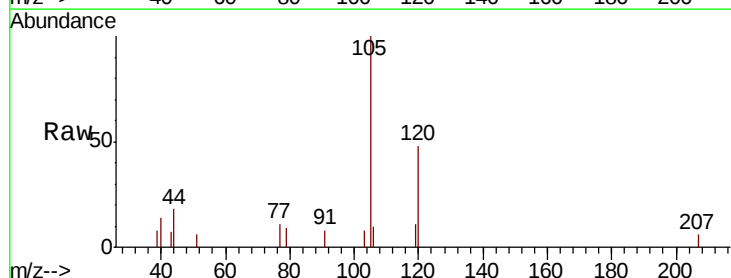


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

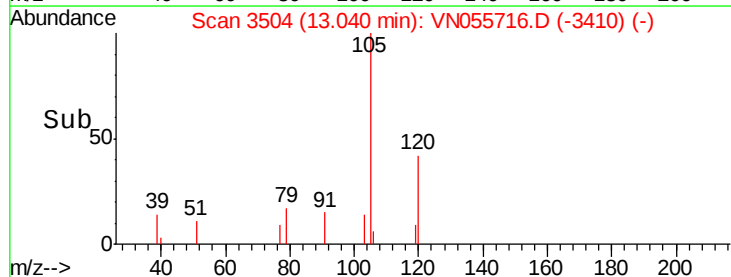
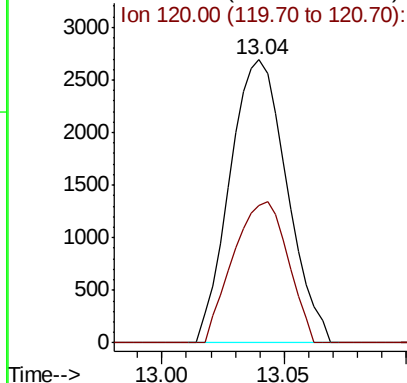


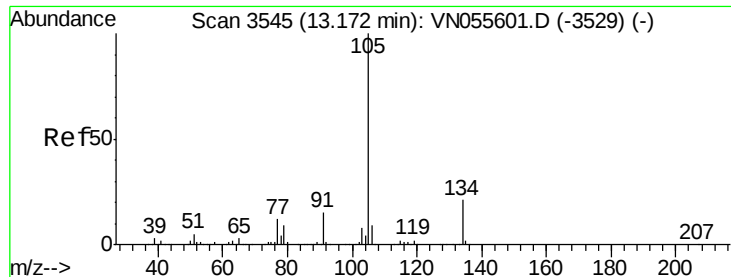
#84
 1,2,4-Trimethylbenzene
 Concen: Below Cal
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055716.D
 Acq: 21 May 2019 17:55

Tgt Ion:105 Resp: 4373
 Ion Ratio Lower Upper
 105 100
 120 47.9 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# 3544

Delta R.T. -0.00 min

Lab File: VN055716.D

Acq: 21 May 2019 17:55

Instrument :

MSVOA_N

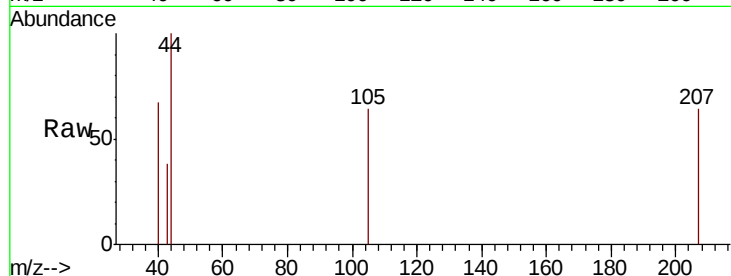
ClientSampleId :

Tot Ion:105 Resp: 407

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

13.17

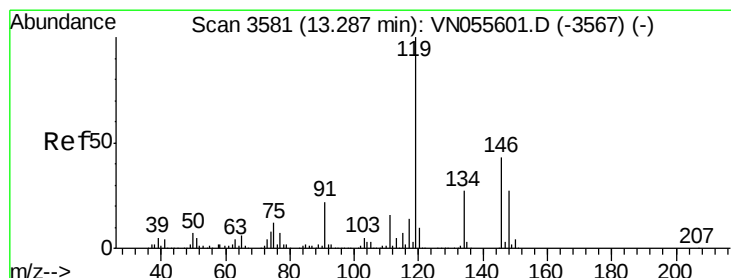
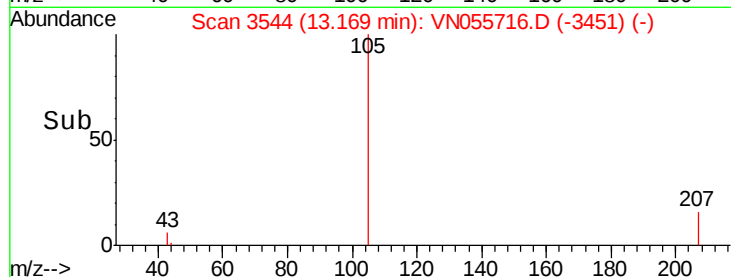
300

200

100

0

Time-->



#86

p-Isopropyltoluene

Concen: Below Cal

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055716.D

Acq: 21 May 2019 17:55

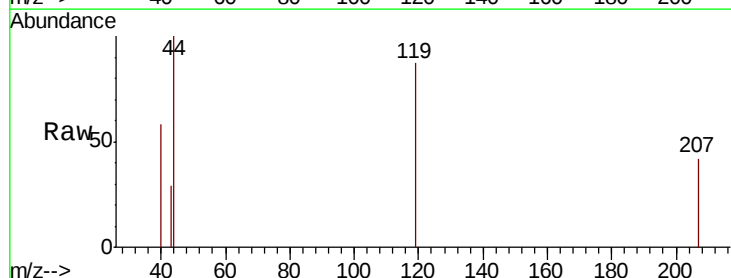
Tgt Ion:119 Resp: 595

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

13.29

600

500

400

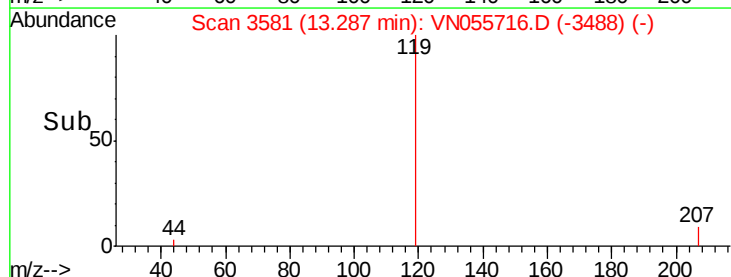
300

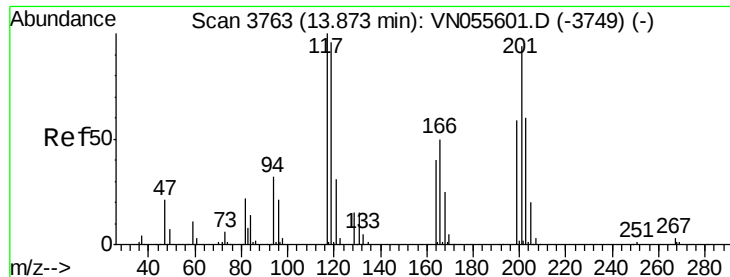
200

100

0

Time-->





#90

Hexachloroethane

Concen: Below Cal

RT: 13.89 min Scan# 3769

Delta R.T. 0.02 min

Lab File: VN055716.D

Acq: 21 May 2019 17:55

Instrument :

MSVOA_N

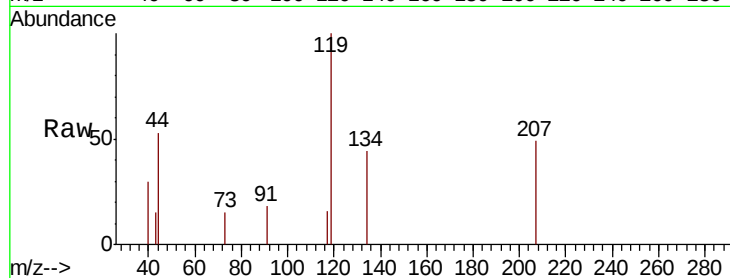
ClientSampleId :

Tot Ion:117 Resp: 127

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

13.89

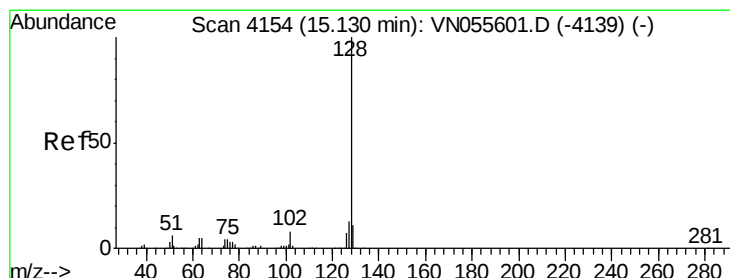
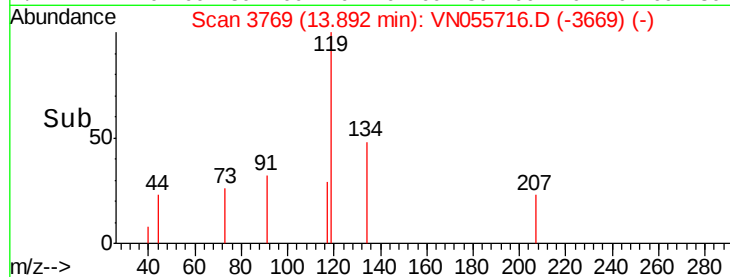
150

100

50

0

Time-->



#95

Naphthalene

Concen: 2.851 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055716.D

Acq: 21 May 2019 17:55

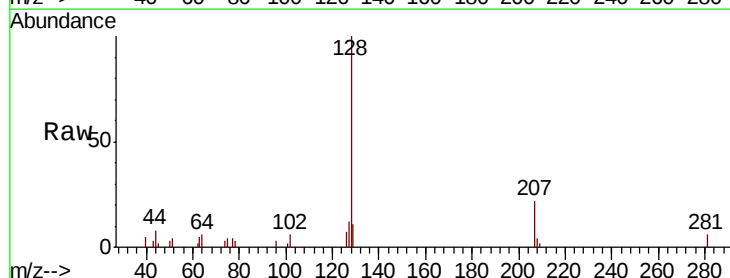
Tgt Ion:128 Resp: 11946

Ion Ratio Lower Upper

128 100

127 11.9 10.2 15.4

129 10.7 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

15.13

8000

6000

4000

2000

0

Time-->

