

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052119\
 Data File : VN055713.D
 Acq On : 21 May 2019 16:42
 Operator : JC/SP
 Sample : K2959-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 22 05:13:26 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	419480	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	580544	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	500016	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	201744	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	184043	40.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.04%	
35) Dibromofluoromethane	7.59	113	176704	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	
50) Toluene-d8	10.09	98	662398	47.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.00%	
62) 4-Bromofluorobenzene	12.40	95	212716	44.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.36%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	4.76	59	1078	1.257	ug/l #	74
16) Acetone	3.82	43	9617	5.125	ug/l	98
17) Carbon Disulfide	4.06	76	2773	0.260	ug/l #	75
18) Methyl Acetate	4.33	43	4027	1.001	ug/l #	85
20) Methylene Chloride	4.55	84	4721	1.102	ug/l	86
25) 2-Butanone	6.84	43	14334	5.463	ug/l	100
29) Tetrahydrofuran	7.23	42	1288	0.741	ug/l #	89
31) Cyclohexane	7.66	56	5443	0.798	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	23127	4.468	ug/l #	49
37) Ethyl Acetate	6.84	43	14334	3.069	ug/l #	67
38) Carbon Tetrachloride	7.67	117	33039	5.973	ug/l #	15
40) Benzene	8.04	78	4681	0.307	ug/l #	87
41) Methacrylonitrile	7.22	41	831	0.416	ug/l #	100
43) Isopropyl Acetate	8.21	43	115973	14.274	ug/l #	53
45) 1,2-Dichloropropane	9.27	63	1441	0.359	ug/l #	43
48) Methyl methacrylate	9.18	41	9001	2.479	ug/l #	24
51) 4-Methyl-2-Pentanone	9.98	43	3377	0.709	ug/l	95
52) Toluene	10.16	92	9483	0.993	ug/l	97
54) cis-1,3-Dichloropropene	9.90	75	56223	8.667	ug/l #	56
57) 1,3-Dichloropropane	10.76	76	10599	1.702	ug/l #	42
59) 2-Hexanone	10.76	43	133126	39.676	ug/l #	52
68) m/p-Xylenes	11.62	106	5842	0.859	ug/l	97
69) o-Xylene	11.95	106	3119	0.469	ug/l	95
71) Bromoform	12.40	173	1362	0.395	ug/l #	1
73) Isopropylbenzene	12.25	105	338	Below Cal	#	48
74) N-amyl acetate	12.03	43	1939	0.342	ug/l #	42
75) 1,1,2,2-Tetrachloroethane	12.53	83	552	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.40	75	95181	23.121	ug/l #	100
79) 2-Chlorotoluene	12.66	91	489	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.73	105	2867	Below Cal		90
81) trans-1,4-Dichloro-2-buten	12.40	75	95181	59.435	ug/l #	17
83) tert-Butylbenzene	12.99	119	31	Below Cal	#	28
84) 1,2,4-Trimethylbenzene	13.04	105	7880	Below Cal		98
85) sec-Butylbenzene	13.17	105	365	Below Cal	#	56

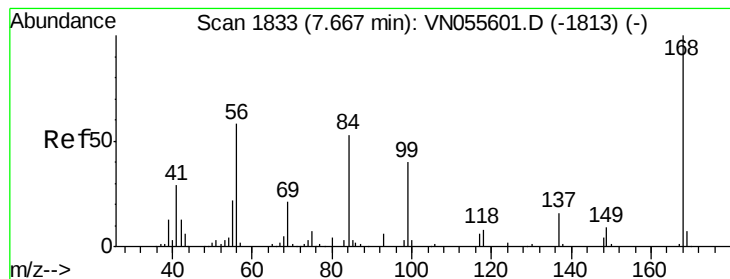
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052119\
Data File : VN055713.D
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Quant Title : SW846 8260
QLast Update : Fri May 17 23:54:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	13.29	119	482	Below Cal	#	51
90) Hexachloroethane	13.88	117	99	Below Cal	#	3
95) Naphthalene	15.13	128	2280	1.974 uq/l	#	89

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055713.D

Acq: 21 May 2019 16:42

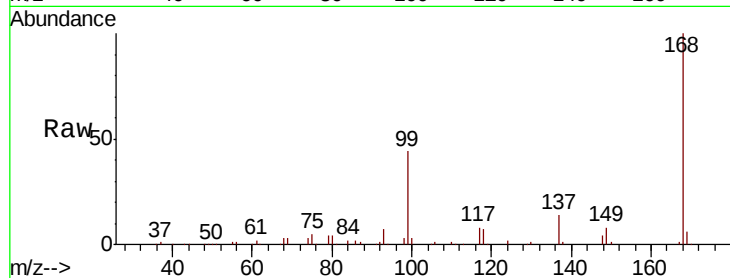
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 419480

Ion Ratio Lower Upper

168 100

99 44.0 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN055713.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN055713.D (-1740) (-)

7.67

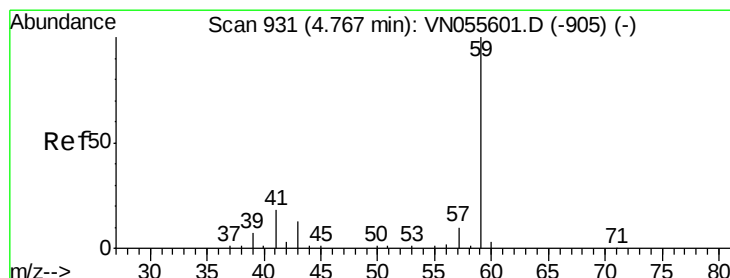
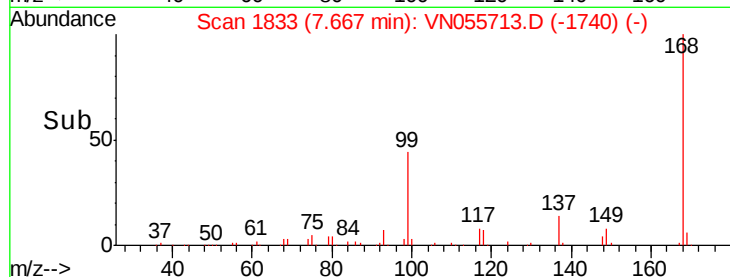
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.257 ug/l

RT: 4.76 min Scan# 930

Delta R.T. -0.00 min

Lab File: VN055713.D

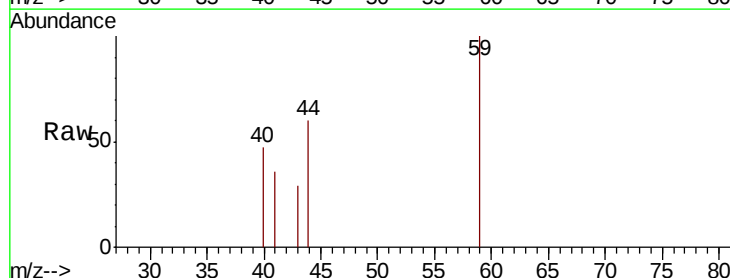
Acq: 21 May 2019 16:42

Tgt Ion: 59 Resp: 1078

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VN055713.D (-838) (-)

Ion 57.00 (56.70 to 57.70): VN055713.D (-838) (-)

4.76

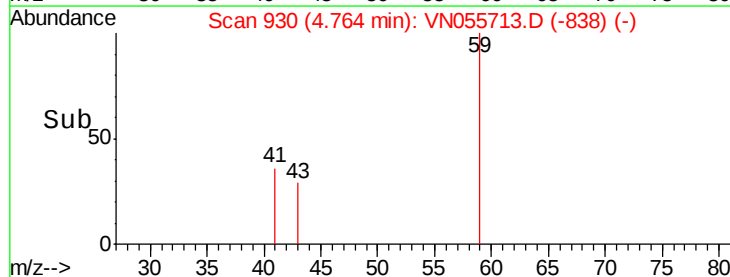
600

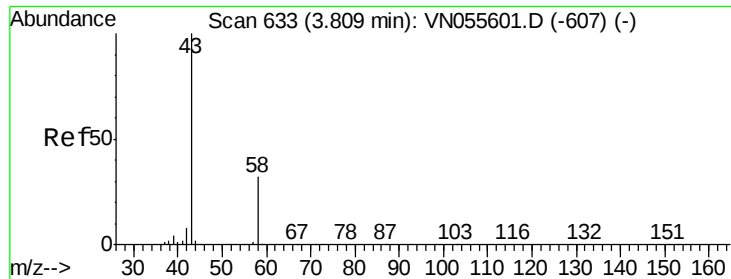
400

200

0

Time-->





#16

Acetone

Concen: 5.125 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN055713.D

Acq: 21 May 2019 16:42

Instrument :

MSVOA_N

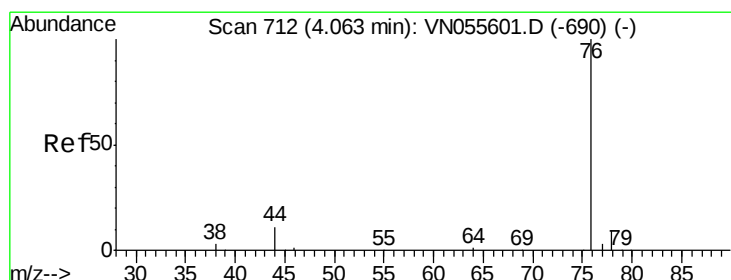
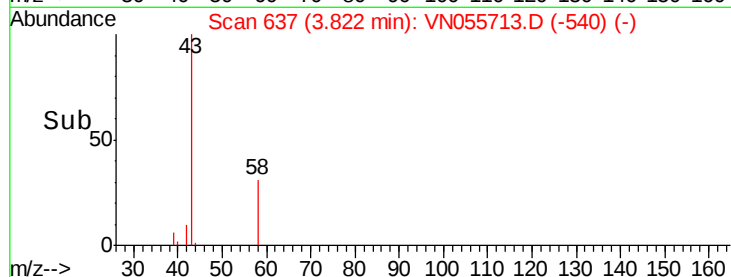
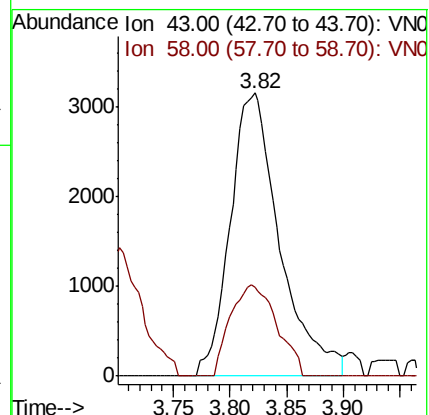
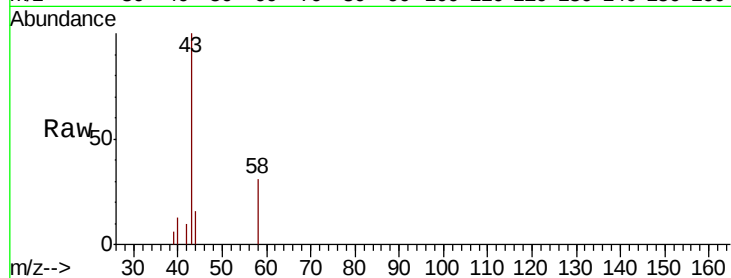
ClientSampleId :

Tot Ion: 43 Resp: 9617

Ion Ratio Lower Upper

43 100

58 31.3 26.0 39.0



#17

Carbon Disulfide

Concen: 0.260 ug/l

RT: 4.06 min Scan# 712

Delta R.T. 0.00 min

Lab File: VN055713.D

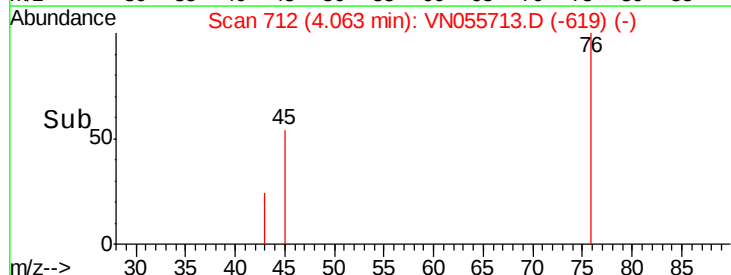
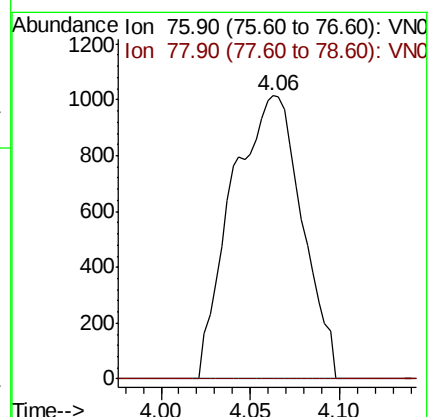
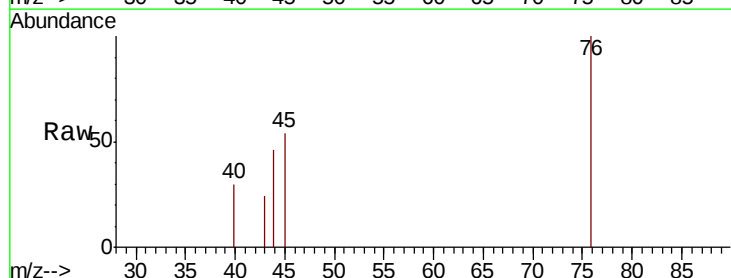
Acq: 21 May 2019 16:42

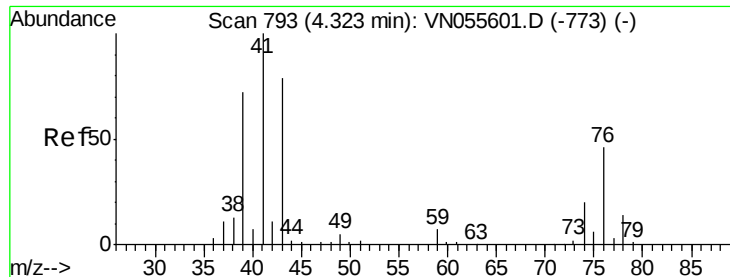
Tgt Ion: 76 Resp: 2773

Ion Ratio Lower Upper

76 100

78 0.0 7.3 10.9#

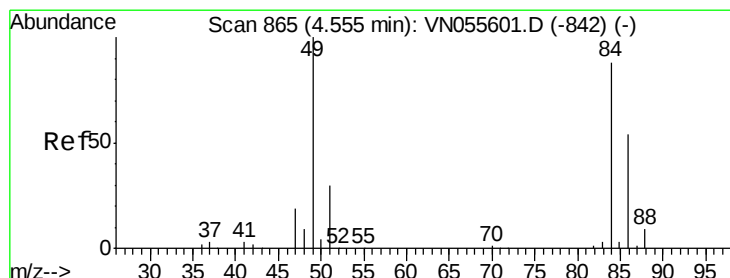
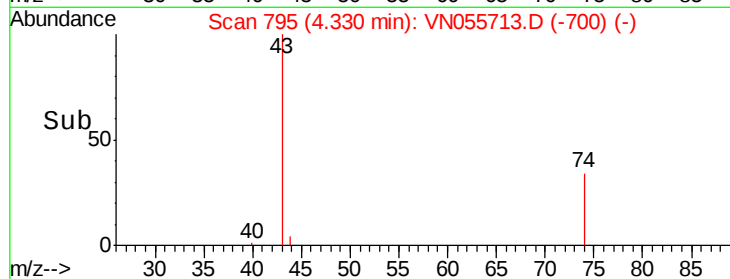
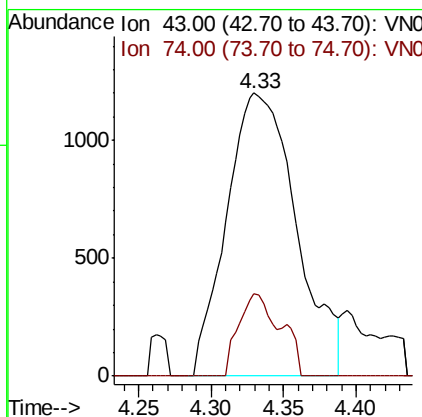
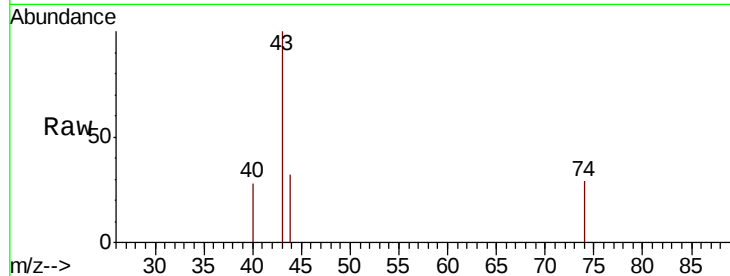




#18
Methyl Acetate
Concen: 1.001 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: VN055713.D
Acq: 21 May 2019 16:42

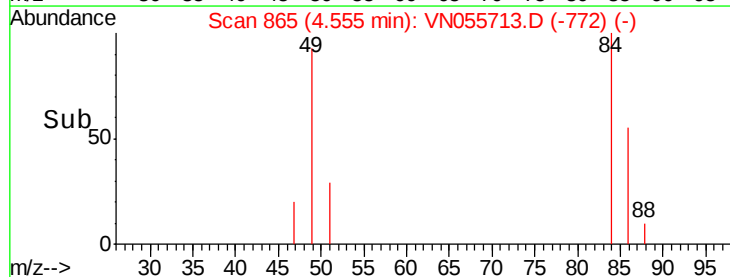
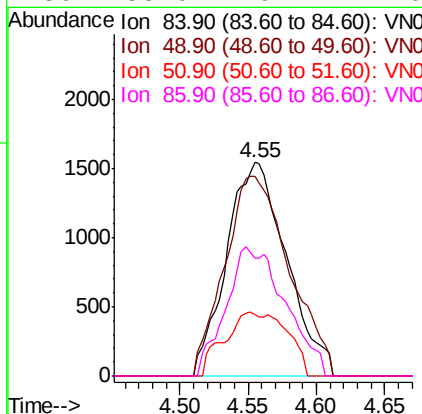
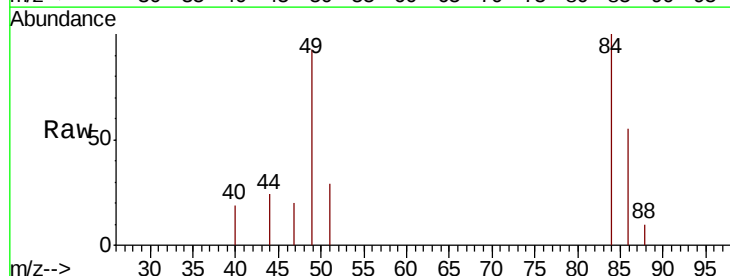
Instrument :
MSVOA_N
ClientSampled :

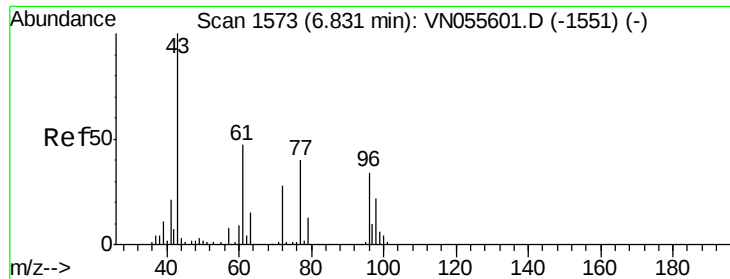
Tot Ion: 43 Resp: 4027
Ion Ratio Lower Upper
43 100
74 17.3 19.9 29.9#



#20
Methylene Chloride
Concen: 1.102 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN055713.D
Acq: 21 May 2019 16:42

Tgt Ion: 84 Resp: 4721
Ion Ratio Lower Upper
84 100
49 93.4 91.0 136.4
51 28.9 27.5 41.3
86 55.0 49.4 74.0





#25

2-Butanone

Concen: 5.463 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.01 min

Lab File: VN055713.D

Acq: 21 May 2019 16:42

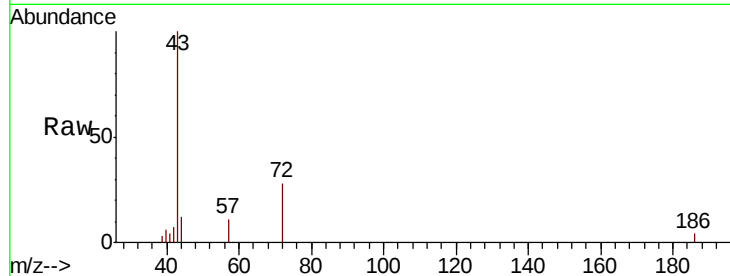
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 14334

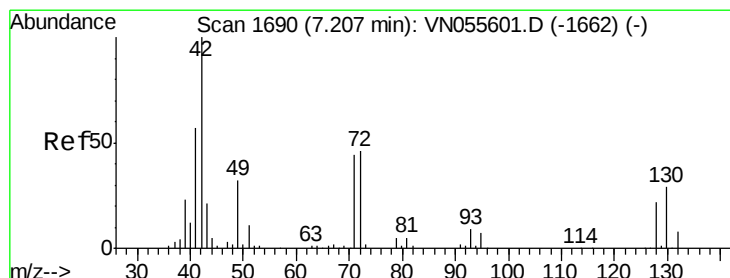
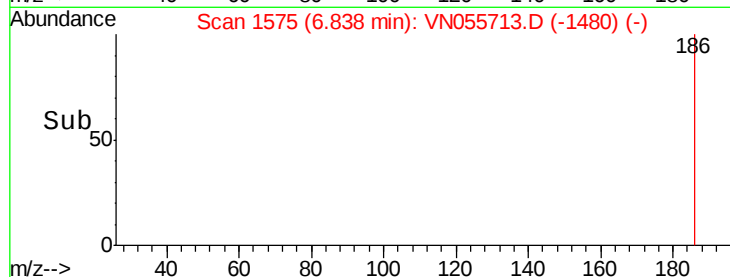
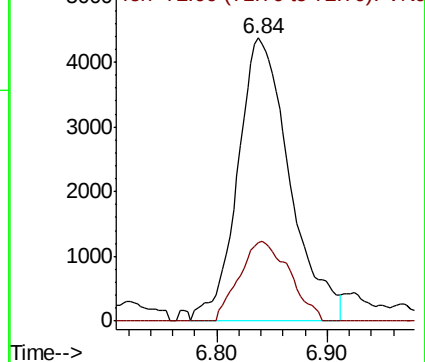
Ion Ratio Lower Upper

43 100

72 27.7 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0



#29

Tetrahydrofuran

Concen: 0.741 ug/l

RT: 7.23 min Scan# 1696

Delta R.T. 0.02 min

Lab File: VN055713.D

Acq: 21 May 2019 16:42

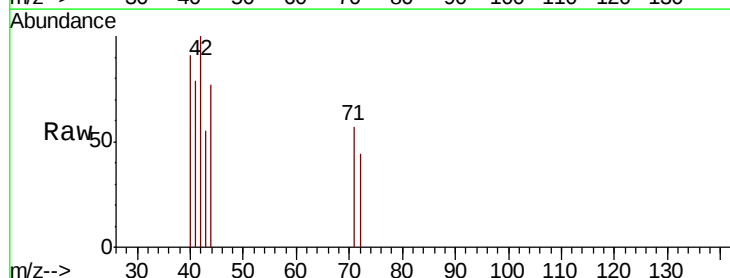
Tgt Ion: 42 Resp: 1288

Ion Ratio Lower Upper

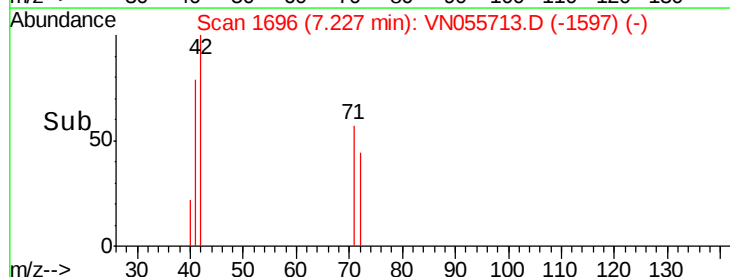
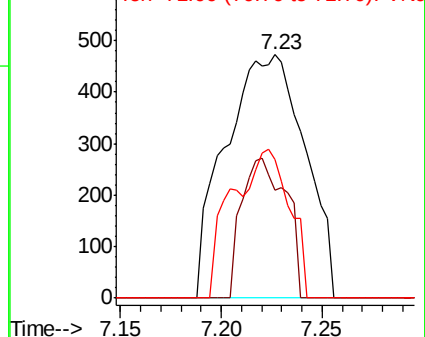
42 100

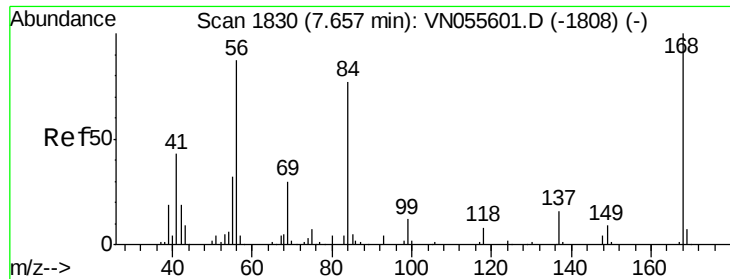
72 32.7 36.5 54.7#

71 44.8 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

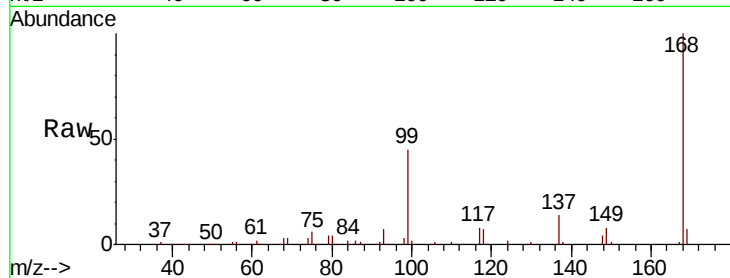




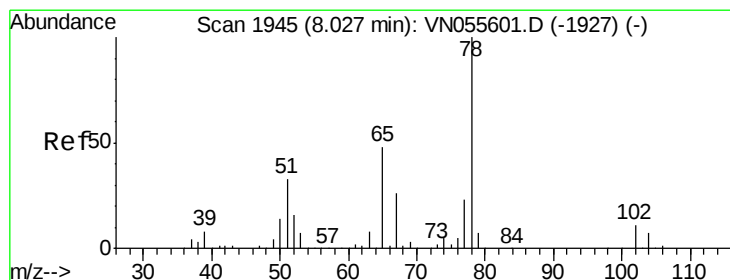
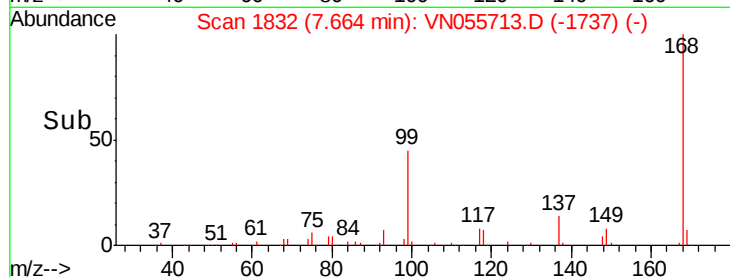
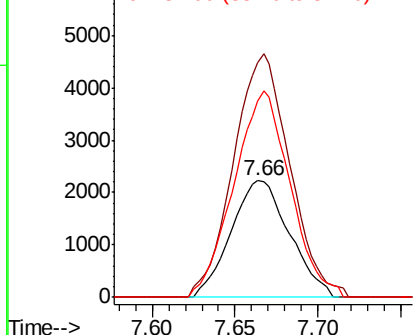
#31
Cyclohexane
Concen: 0.798 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN055713.D
Acq: 21 May 2019 16:42

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 5443
Ion Ratio Lower Upper
56 100
69 202.1 27.2 40.8#
84 168.8 71.3 106.9#

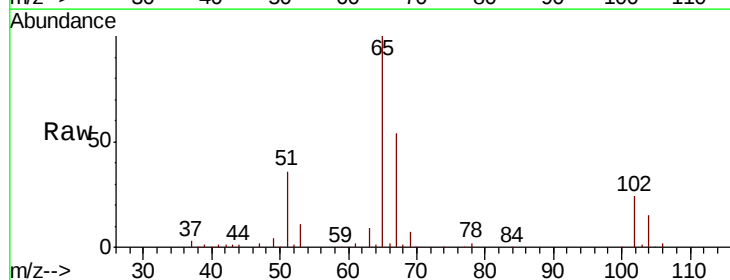


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

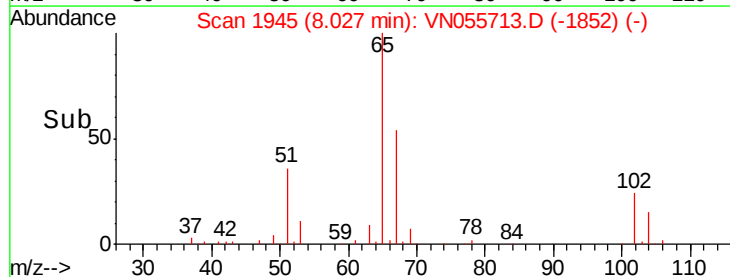
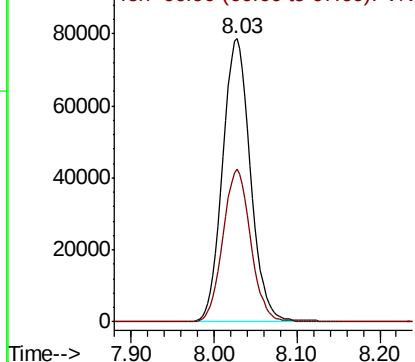


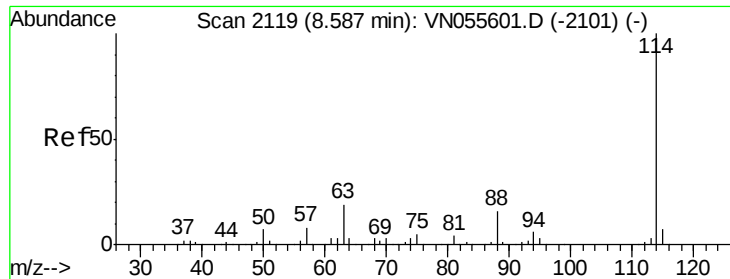
#33
1,2-Dichloroethane-d4
Concen: 40.024 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055713.D
Acq: 21 May 2019 16:42

Tgt Ion: 65 Resp: 184043
Ion Ratio Lower Upper
65 100
67 53.8 0.0 108.6



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

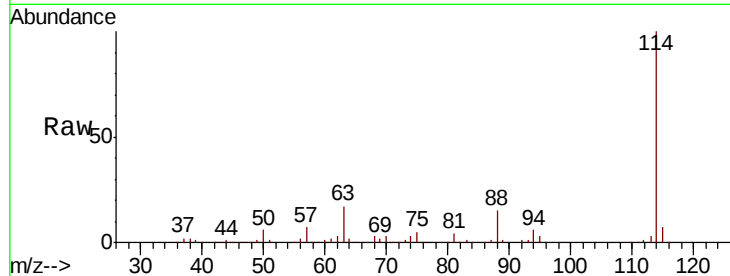




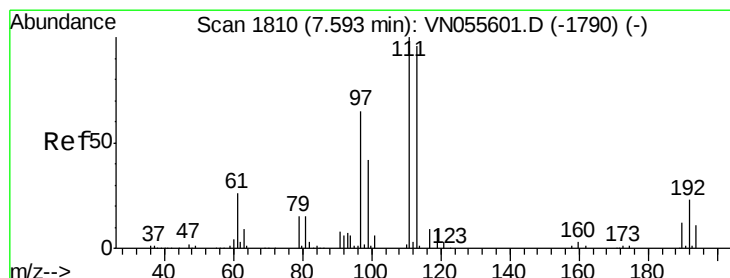
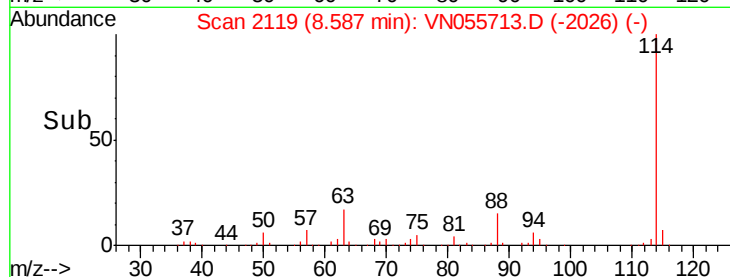
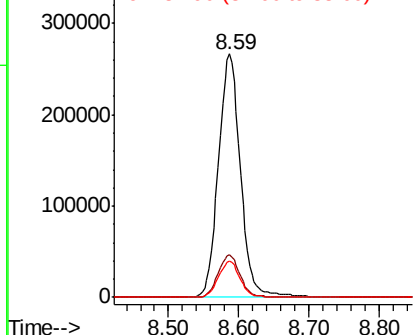
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055713.D
 Acq: 21 May 2019 16:42

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:114 Resp: 580544
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 38.2
 88 14.7 0.0 31.0

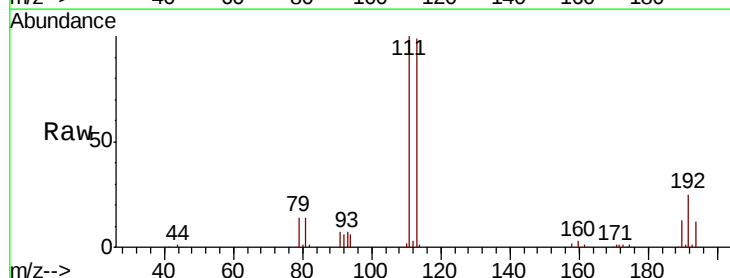


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

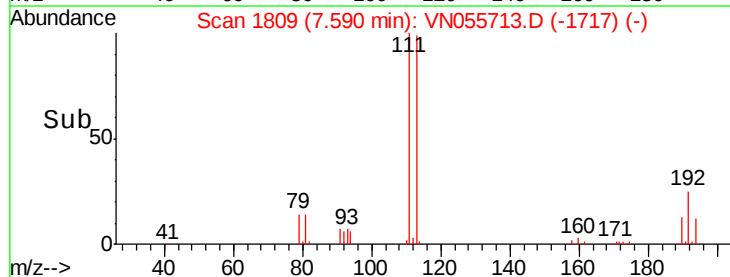
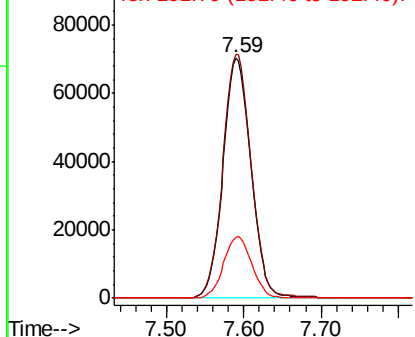


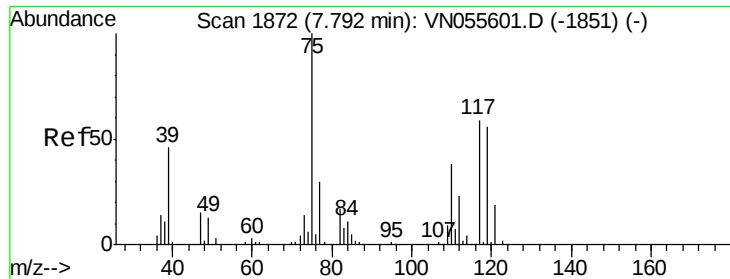
#35
 Dibromofluoromethane
 Concen: 47.915 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055713.D
 Acq: 21 May 2019 16:42

Tgt Ion:113 Resp: 176704
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.5 123.7
 192 25.8 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

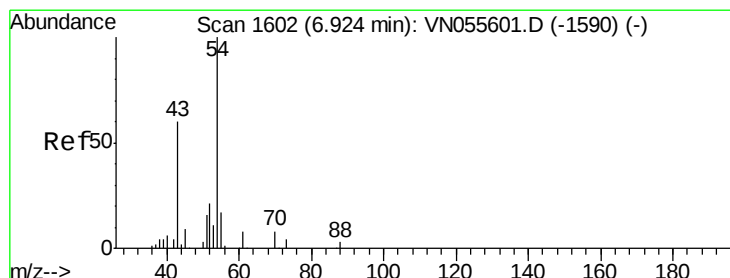
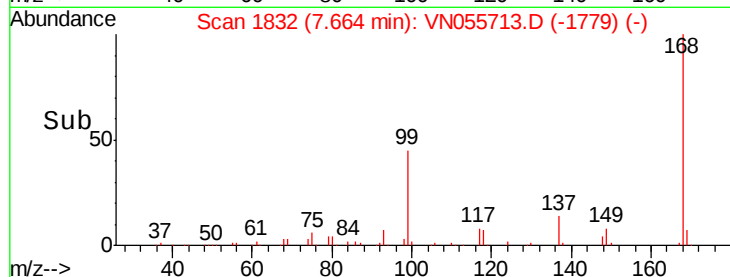
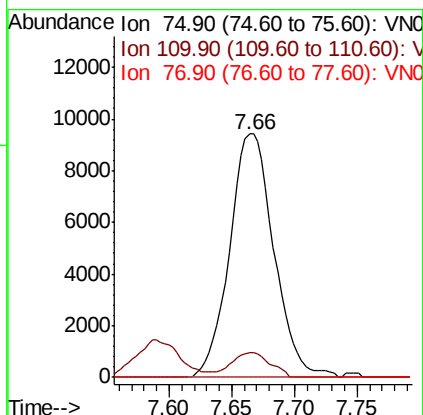
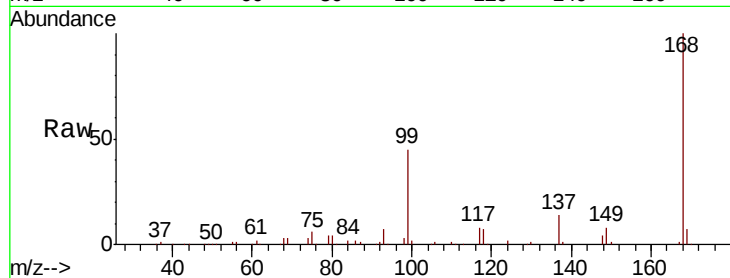




#36
 1,1-Dichloropropene
 Concen: 4.468 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN055713.D
 Acq: 21 May 2019 16:42

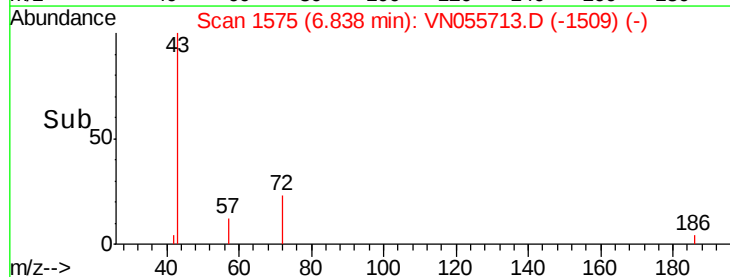
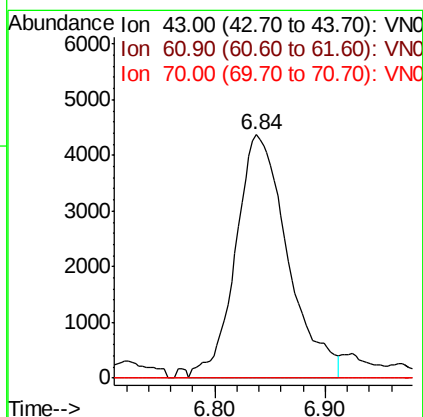
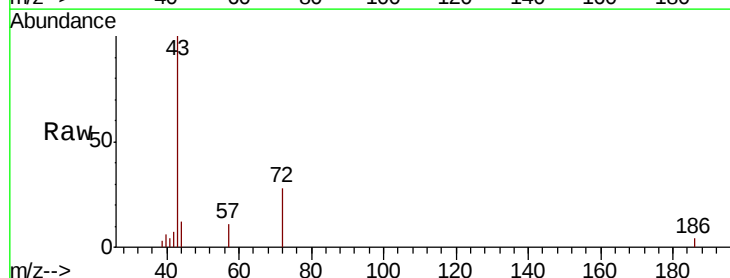
Instrument :
 MSVOA_N
 ClientSampleId :

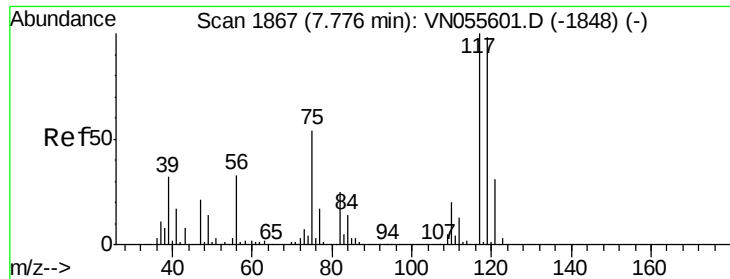
Tot Ion: 75 Resp: 23127
 Ion Ratio Lower Upper
 75 100
 110 8.9 18.6 55.6#
 77 0.0 24.9 37.3#



#37
 Ethyl Acetate
 Concen: 3.069 ug/l
 RT: 6.84 min Scan# 1575
 Delta R.T. -0.09 min
 Lab File: VN055713.D
 Acq: 21 May 2019 16:42

Tgt Ion: 43 Resp: 14334
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.4 17.0#
 70 0.0 9.2 13.8#





#38

Carbon Tetrachloride

Concen: 5.973 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN055713.D

Acq: 21 May 2019 16:42

Instrument :

MSVOA_N

ClientSampled :

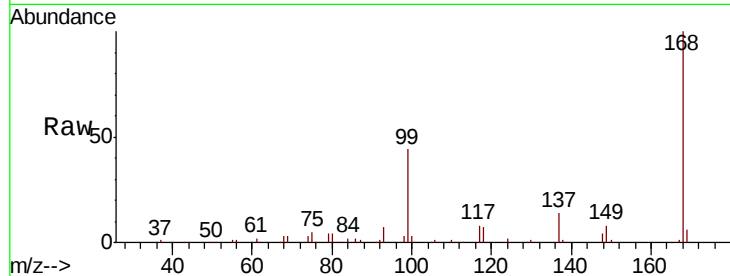
Tot Ion:117 Resp: 33039

Ion Ratio Lower Upper

117 100

119 4.4 77.8 116.8#

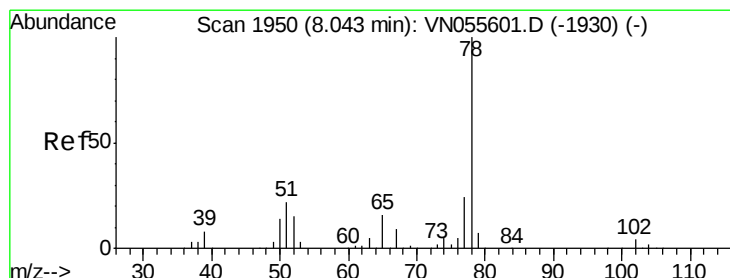
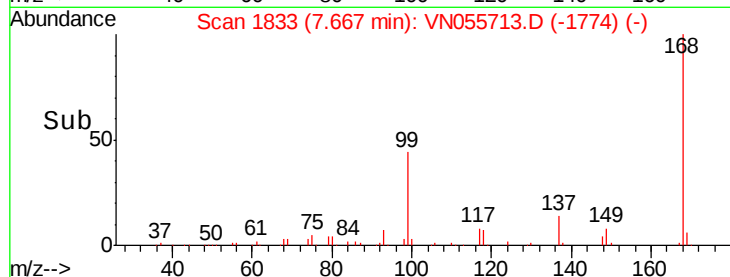
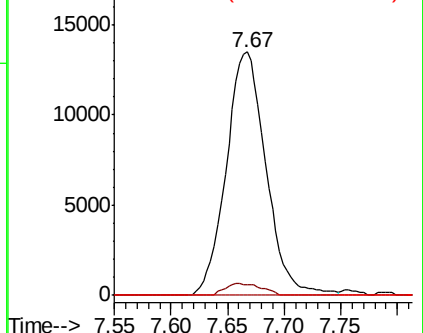
121 0.0 24.6 37.0#



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



#40

Benzene

Concen: 0.307 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. 0.00 min

Lab File: VN055713.D

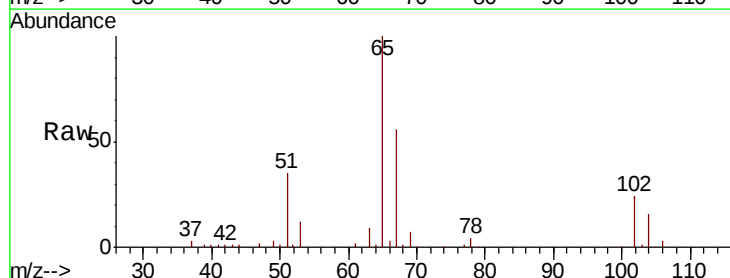
Acq: 21 May 2019 16:42

Tgt Ion: 78 Resp: 4681

Ion Ratio Lower Upper

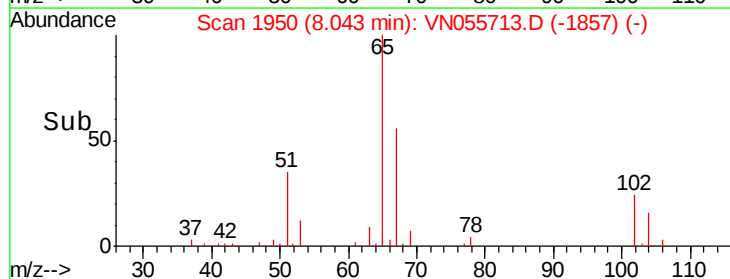
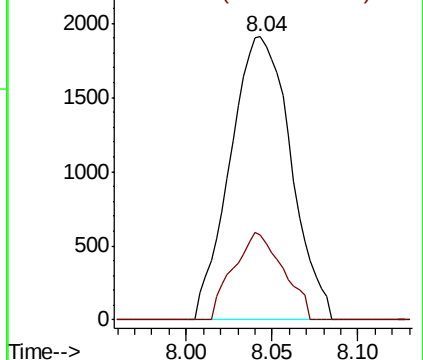
78 100

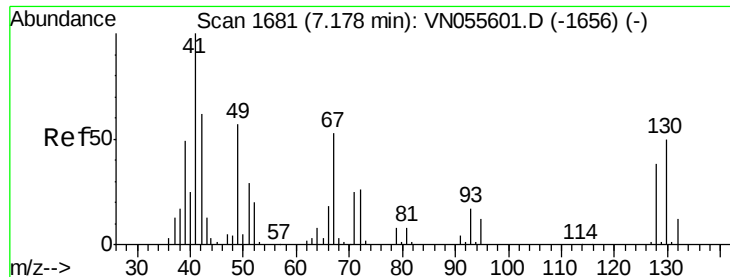
77 30.1 18.9 28.3#



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

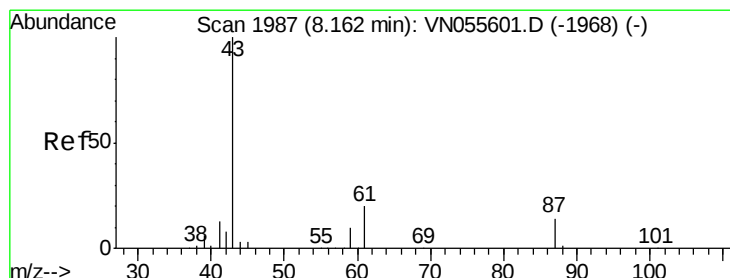
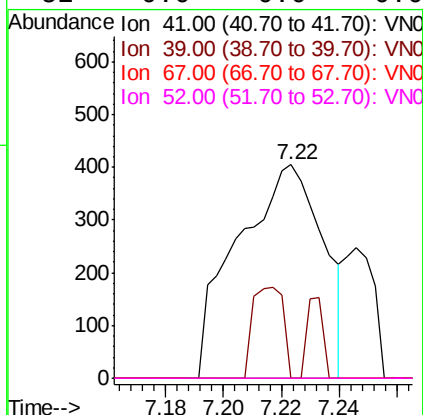
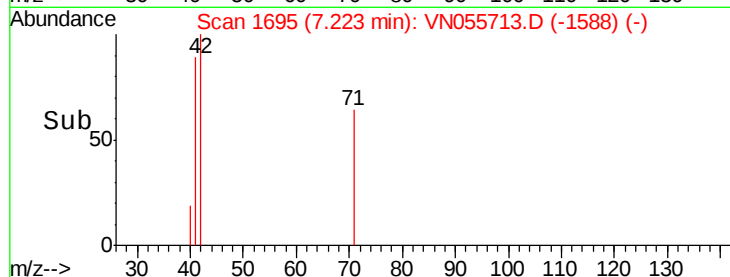
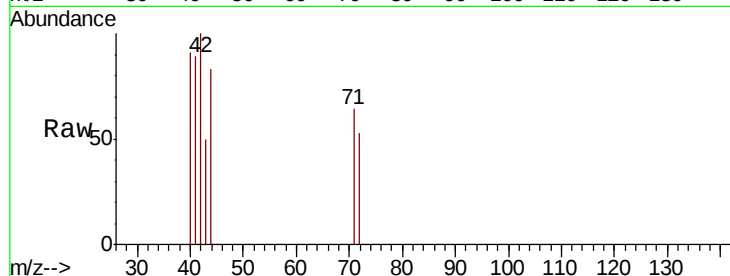




#41
Methacrylonitrile
Concen: 0.416 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.05 min
Lab File: VN055713.D
Acq: 21 May 2019 16:42

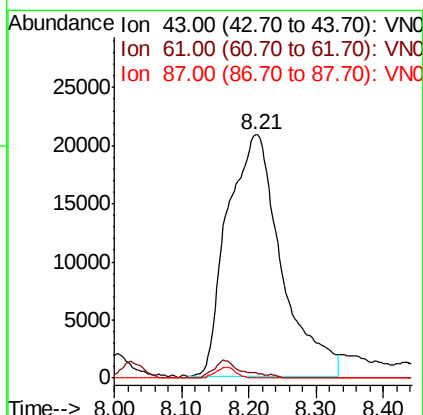
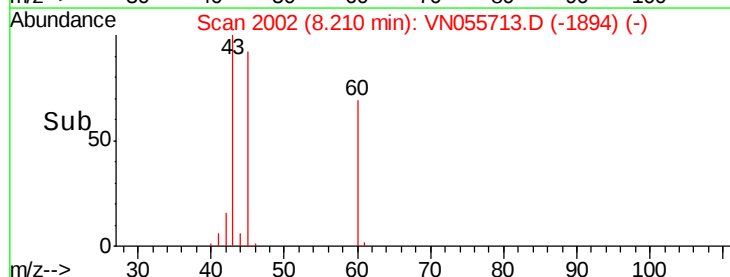
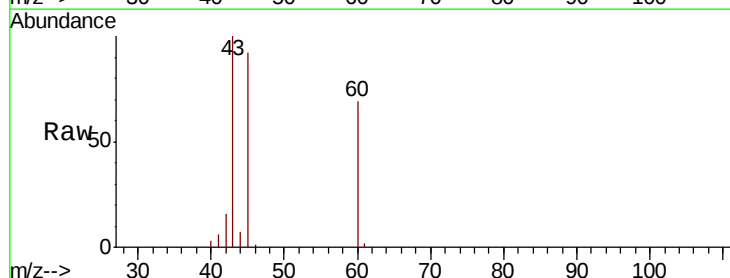
Instrument :
MSVOA_N
ClientSampled :

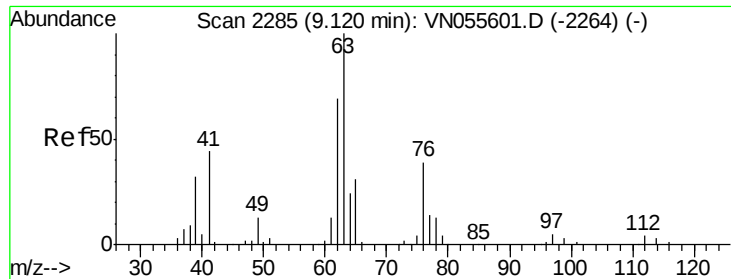
Tot Ion: 41 Resp: 831
Ion Ratio Lower Upper
41 100
39 15.3 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#43
Isopropyl Acetate
Concen: 14.274 ug/l
RT: 8.21 min Scan# 2002
Delta R.T. 0.05 min
Lab File: VN055713.D
Acq: 21 May 2019 16:42

Tgt Ion: 43 Resp: 115973
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: 0.359 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN055713.D

Acq: 21 May 2019 16:42

Instrument :

MSVOA_N

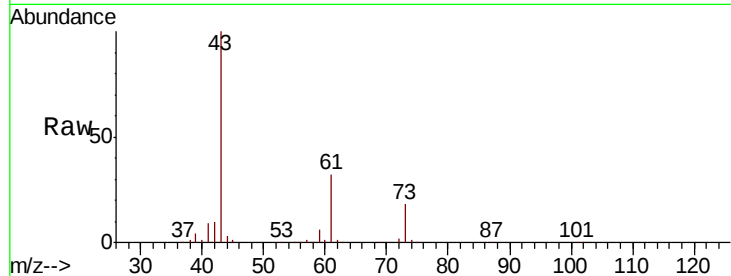
ClientSampled :

Tot Ion: 63 Resp: 1441

Ion Ratio Lower Upper

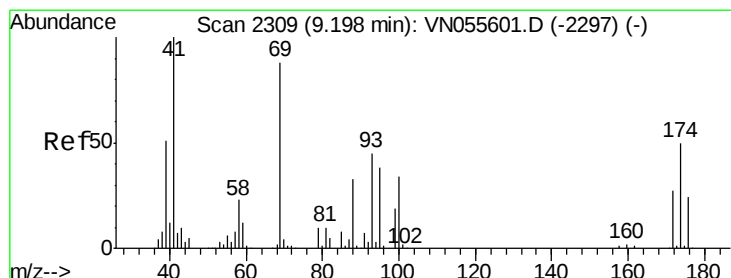
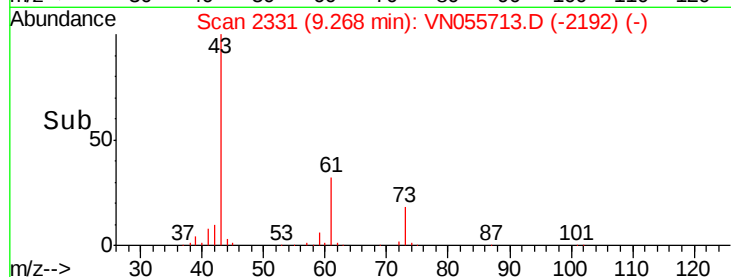
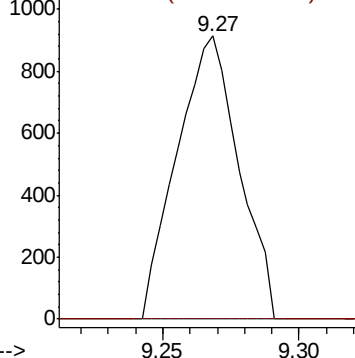
63 100

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



#48

Methyl methacrylate

Concen: 2.479 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.02 min

Lab File: VN055713.D

Acq: 21 May 2019 16:42

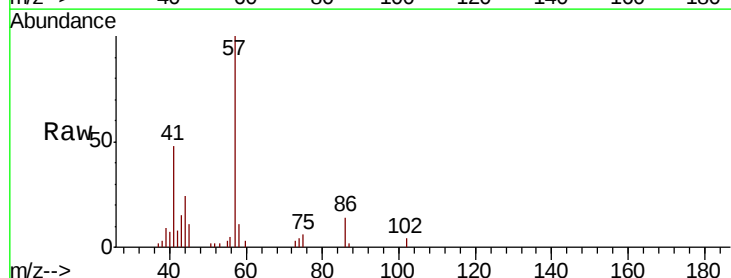
Tgt Ion: 41 Resp: 9001

Ion Ratio Lower Upper

41 100

69 0.0 74.2 111.2#

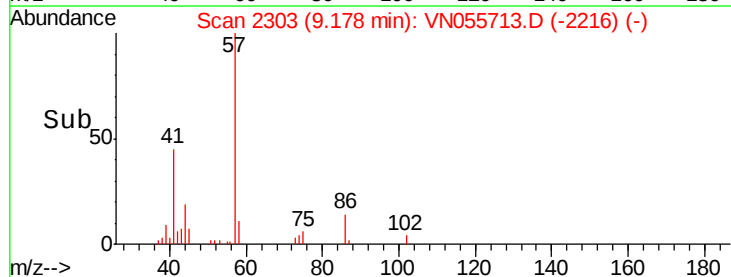
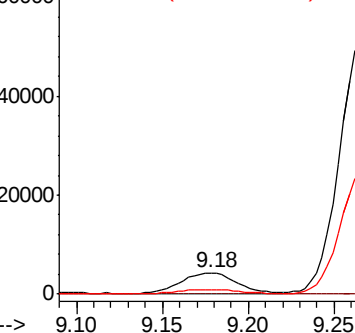
39 25.9 43.8 65.8#

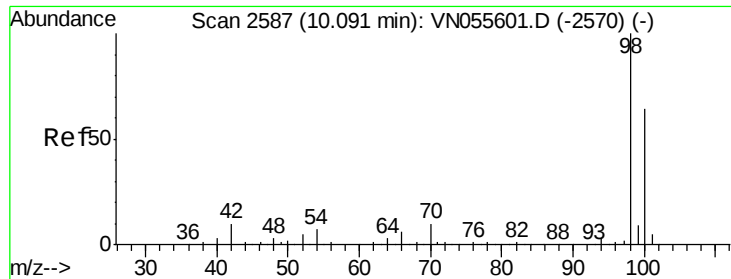


Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 69.00 (68.70 to 69.70): VNC

Ion 39.00 (38.70 to 39.70): VNC





#50

Toluene-d8

Concen: 47.503 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055713.D

Acq: 21 May 2019 16:42

Instrument :

MSVOA_N

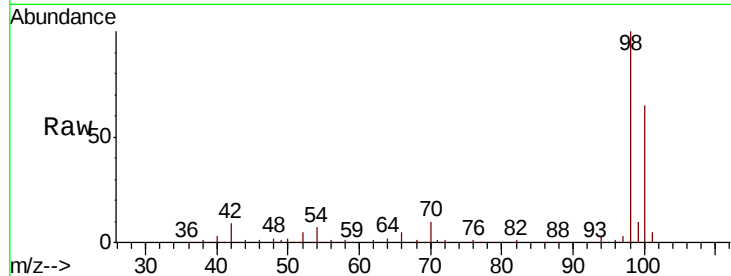
ClientSampled :

Tot Ion: 98 Resp: 662398

Ion Ratio Lower Upper

98 100

100 64.3 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055713.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN055713.D (-2494) (-)

10.09

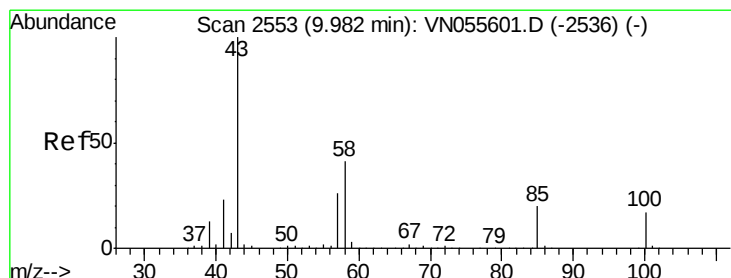
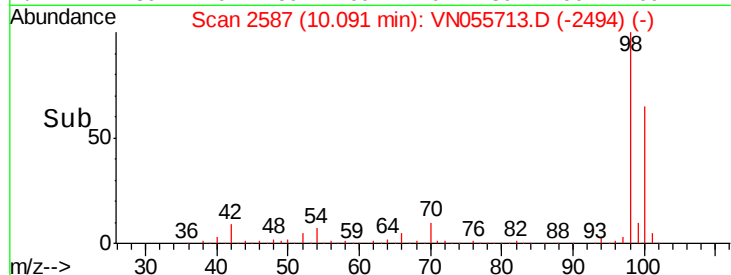
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.709 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN055713.D

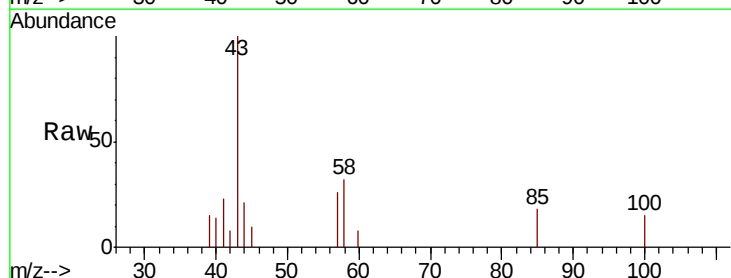
Acq: 21 May 2019 16:42

Tgt Ion: 43 Resp: 3377

Ion Ratio Lower Upper

43 100

58 43.9 32.7 49.1



Abundance Ion 43.00 (42.70 to 43.70): VN055713.D (-2460) (-)

Ion 58.00 (57.70 to 58.70): VN055713.D (-2460) (-)

5000

4000

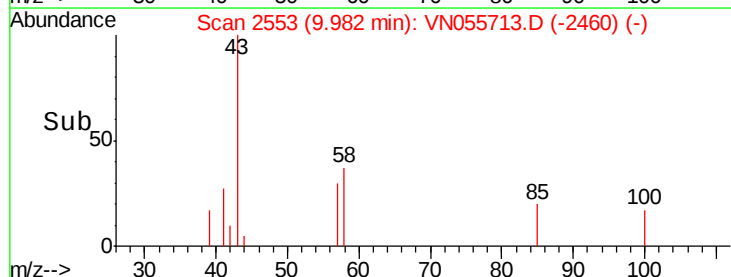
3000

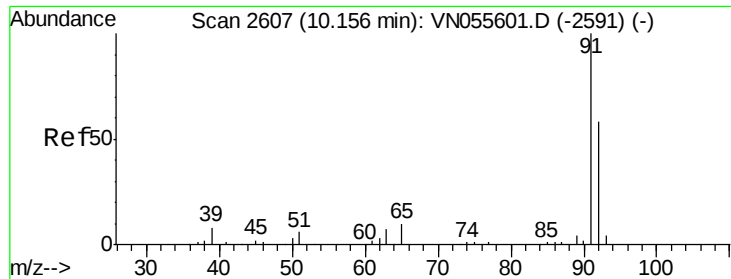
2000

1000

0

Time-->





#52

Toluene

Concen: 0.993 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055713.D

Acq: 21 May 2019 16:42

Instrument :

MSVOA_N

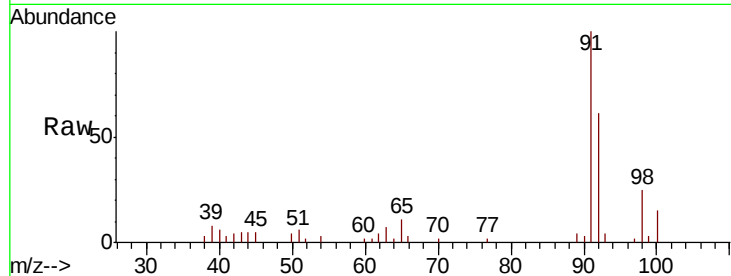
ClientSampled :

Tot Ion: 92 Resp: 9483

Ion Ratio Lower Upper

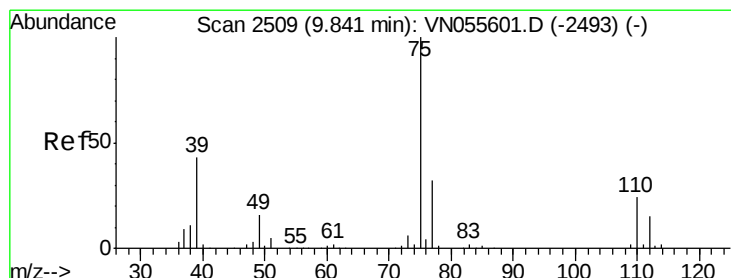
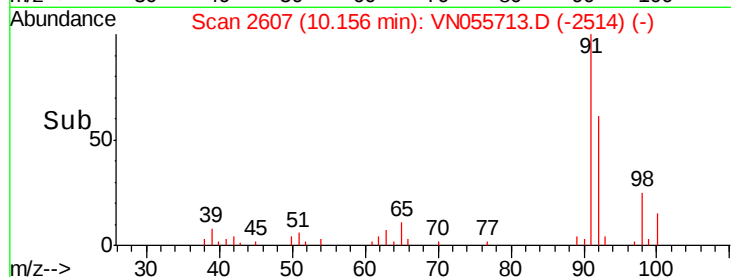
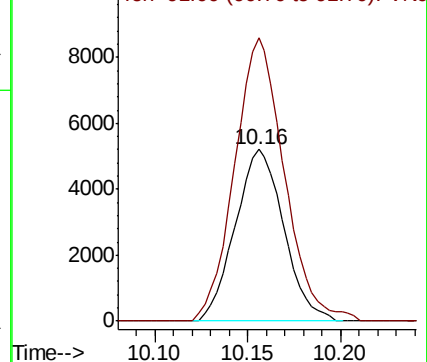
92 100

91 168.9 138.9 208.3



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: 8.667 ug/l

RT: 9.90 min Scan# 2528

Delta R.T. 0.06 min

Lab File: VN055713.D

Acq: 21 May 2019 16:42

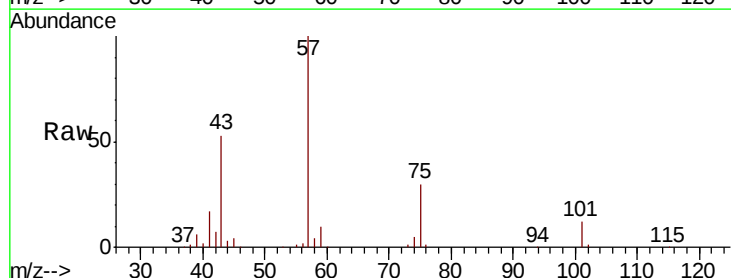
Tgt Ion: 75 Resp: 56223

Ion Ratio Lower Upper

75 100

77 0.0 25.7 38.5#

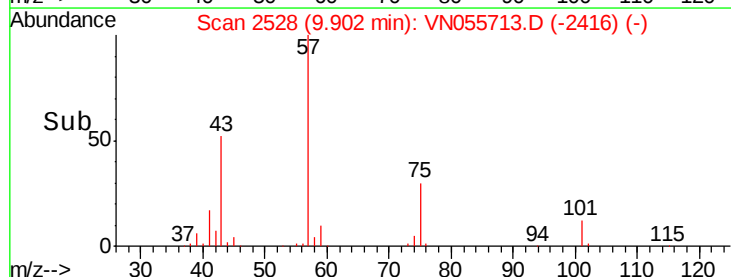
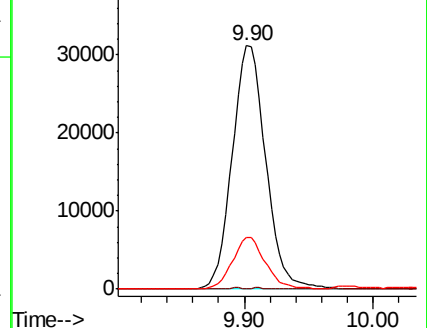
39 21.3 34.7 52.1#

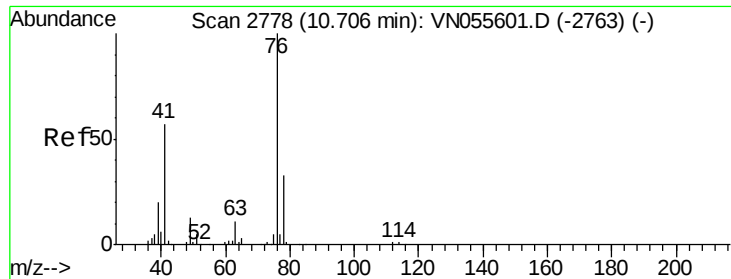


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

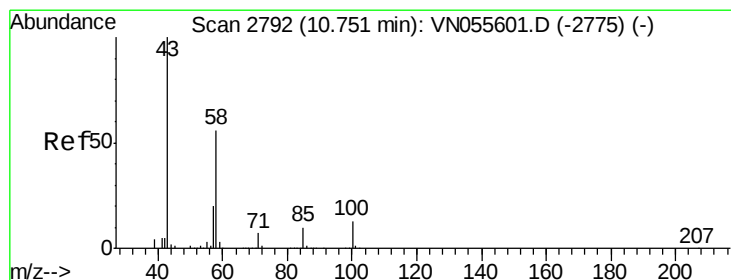
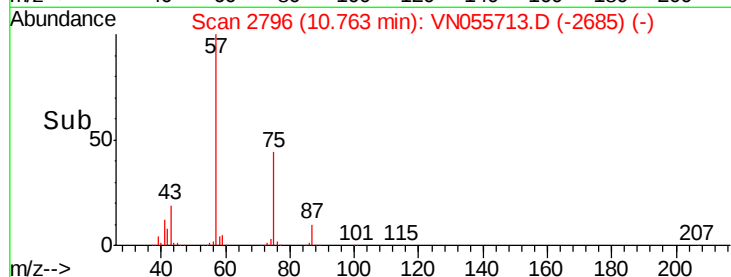
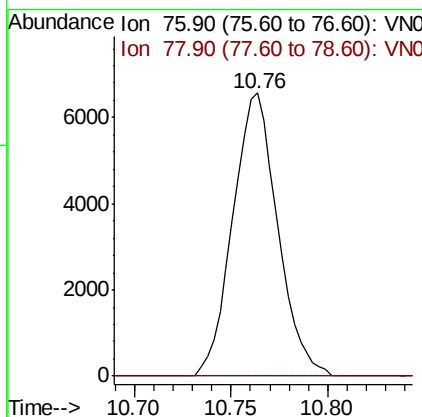
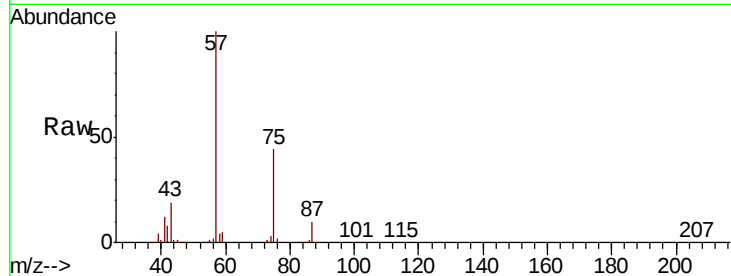




#57
 1,3-Dichloropropane
 Concen: 1.702 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN055713.D
 Acq: 21 May 2019 16:42

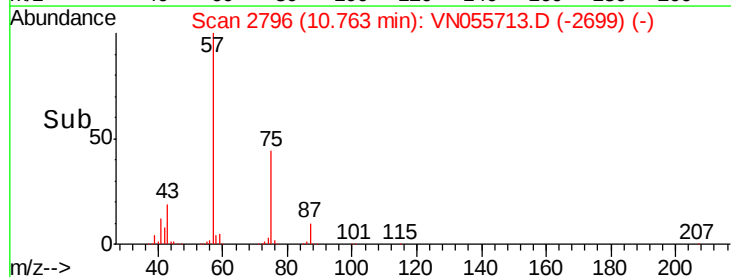
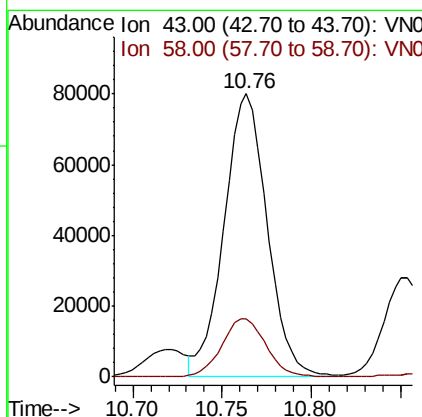
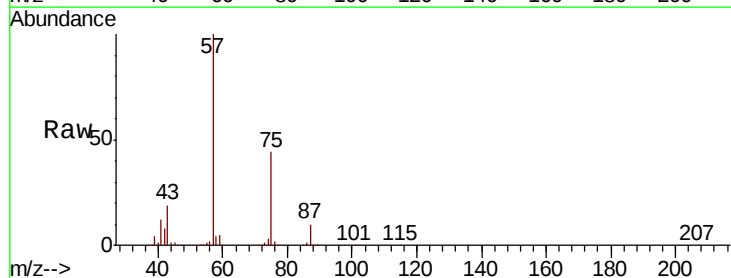
Instrument :
 MSVOA_N
 ClientSampled :

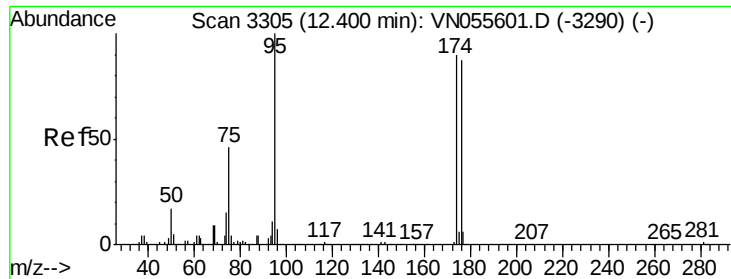
Tot Ion: 76 Resp: 10599
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.5 39.7#



#59
 2-Hexanone
 Concen: 39.676 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN055713.D
 Acq: 21 May 2019 16:42

Tgt Ion: 43 Resp: 133126
 Ion Ratio Lower Upper
 43 100
 58 21.3 28.1 84.4#

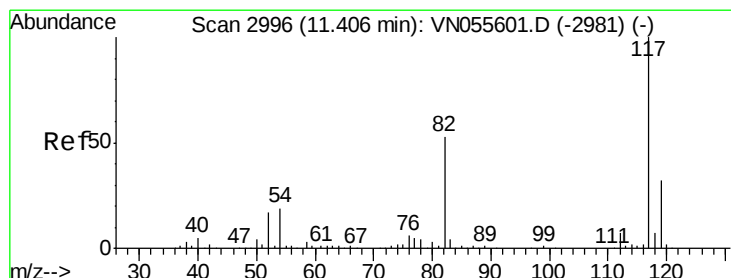
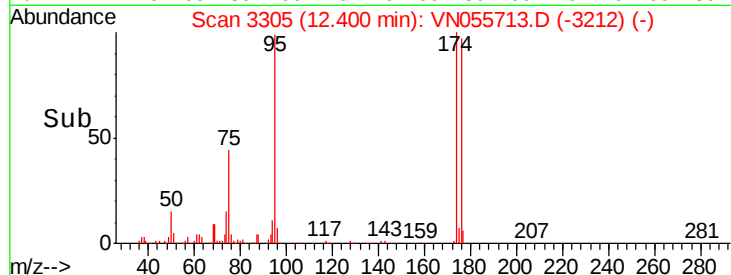
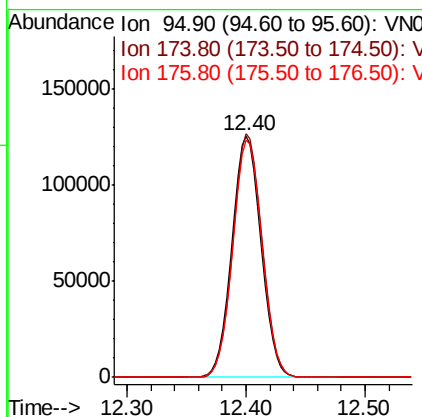
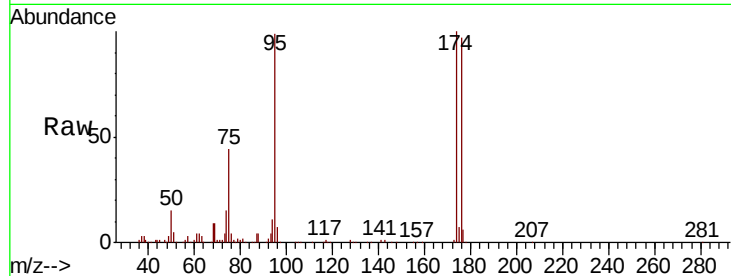




#62
4-Bromofluorobenzene
Concen: 44.176 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055713.D
Acq: 21 May 2019 16:42

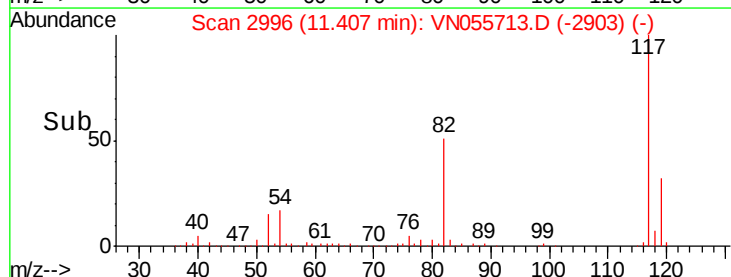
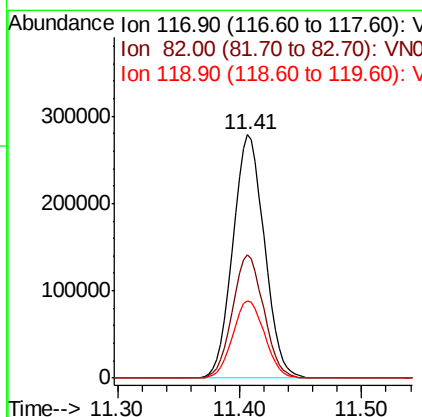
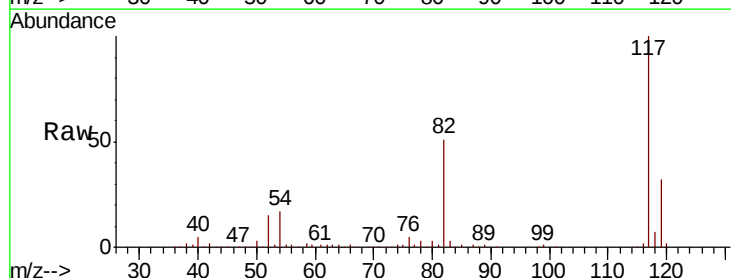
Instrument :
MSVOA_N
ClientSampleId :

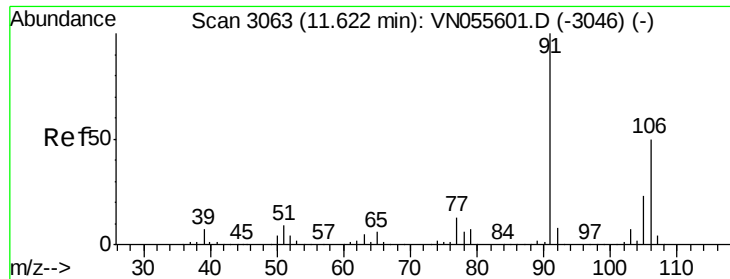
Tot Ion: 95 Resp: 212716
Ion Ratio Lower Upper
95 100
174 100.8 0.0 180.6
176 98.7 0.0 177.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055713.D
Acq: 21 May 2019 16:42

Tgt Ion: 117 Resp: 500016
Ion Ratio Lower Upper
117 100
82 50.7 42.3 63.5
119 32.0 25.4 38.2

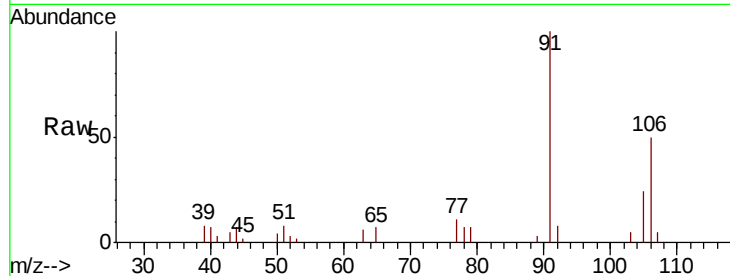




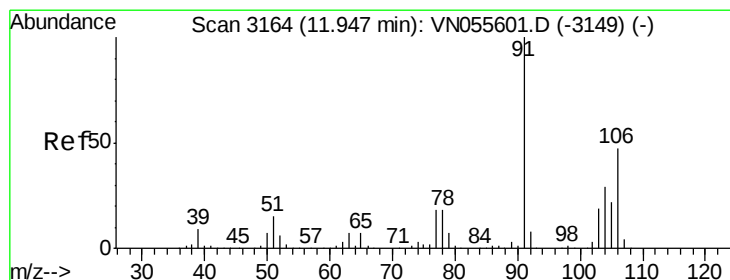
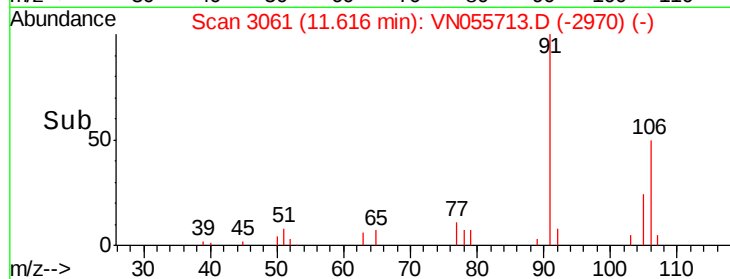
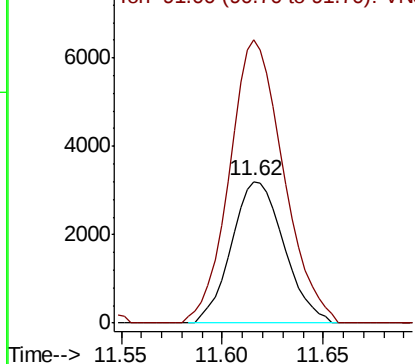
#68
m/p-Xylenes
Concen: 0.859 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN055713.D
Acq: 21 May 2019 16:42

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 5842
Ion Ratio Lower Upper
106 100
91 204.8 160.5 240.7

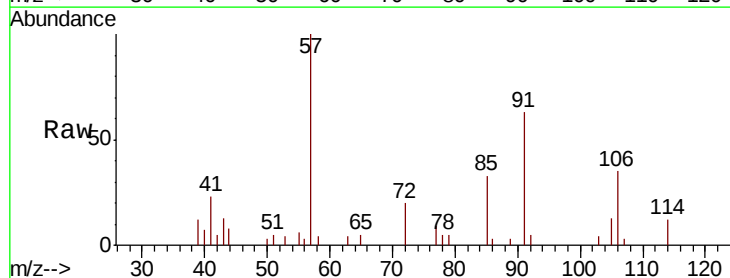


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

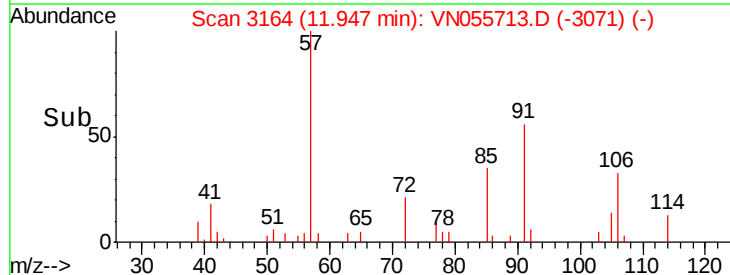
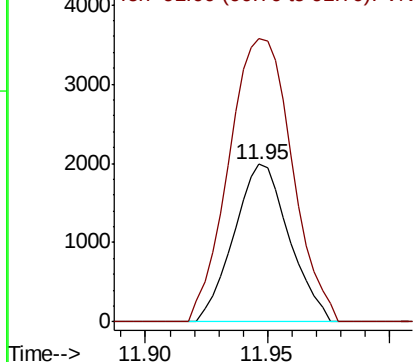


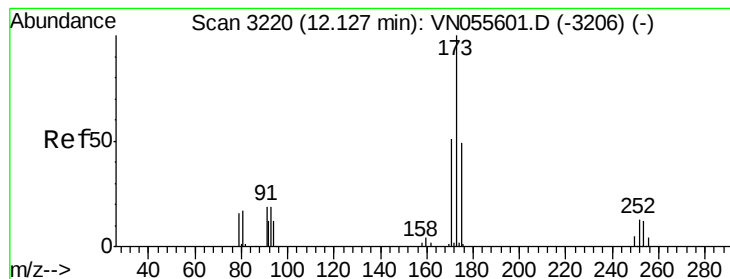
#69
o-Xylene
Concen: 0.469 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055713.D
Acq: 21 May 2019 16:42

Tgt Ion:106 Resp: 3119
Ion Ratio Lower Upper
106 100
91 206.1 106.7 320.2



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN





#71

Bromoform

Concen: 0.395 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN055713.D

Acq: 21 May 2019 16:42

Instrument :

MSVOA_N

ClientSampleId :

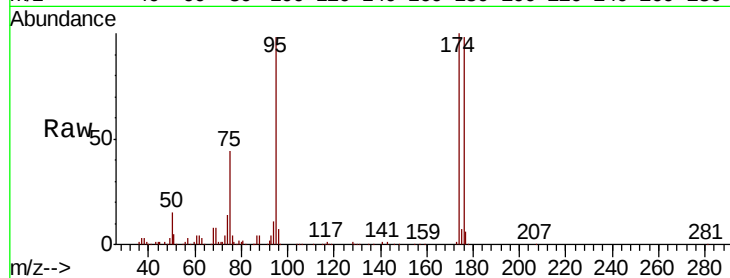
Tot Ion:173 Resp: 1362

Ion Ratio Lower Upper

173 100

175 1015.8 24.3 72.9#

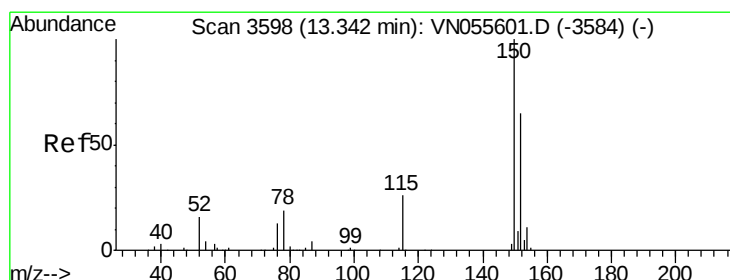
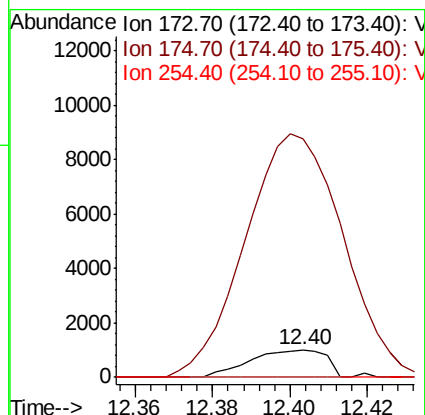
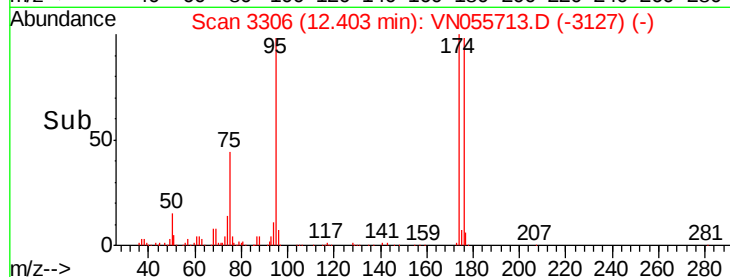
254 0.0 0.1 0.1#



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: VN055713.D

Acq: 21 May 2019 16:42

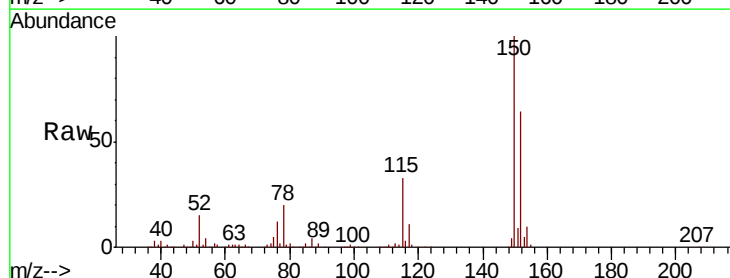
Tgt Ion:152 Resp: 201744

Ion Ratio Lower Upper

152 100

115 51.2 28.1 84.2

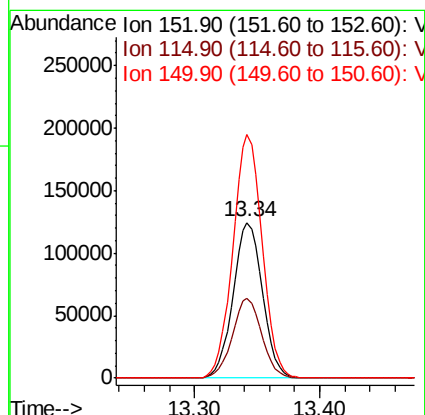
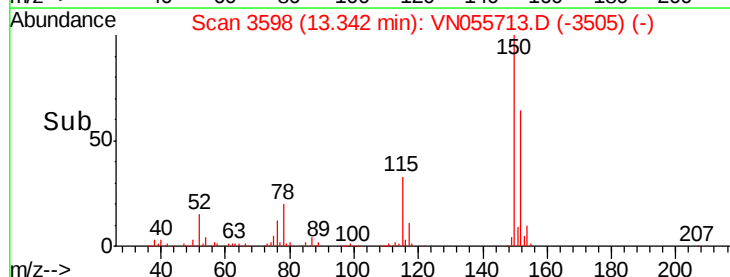
150 156.1 0.0 348.0

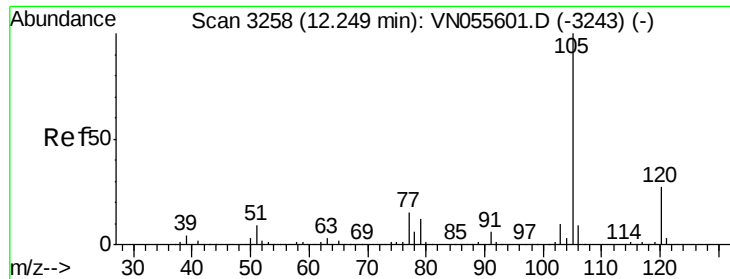


Abundance Ion 151.90 (151.60 to 152.60): V

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: VN055713.D

Acq: 21 May 2019 16:42

Instrument :

MSVOA_N

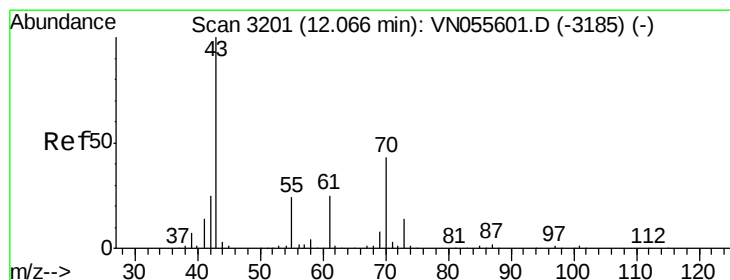
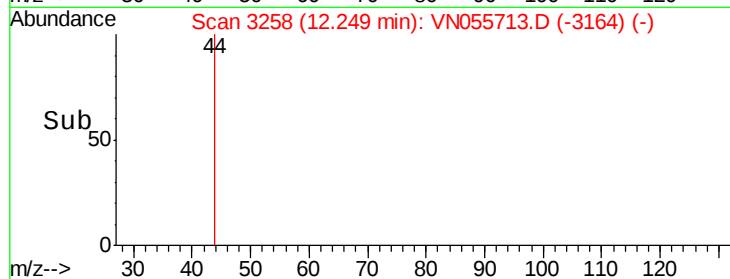
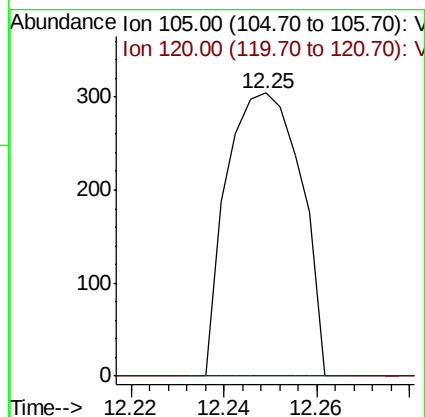
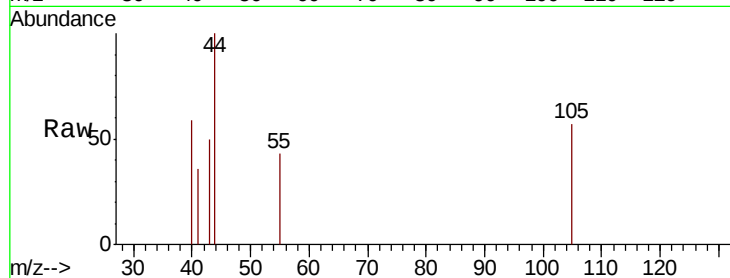
ClientSampleId :

Tot Ion:105 Resp: 338

Ion Ratio Lower Upper

105 100

120 0.0 13.4 40.2#



#74

N-ethyl acetate

Concen: 0.342 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN055713.D

Acq: 21 May 2019 16:42

Tgt Ion: 43 Resp: 1939

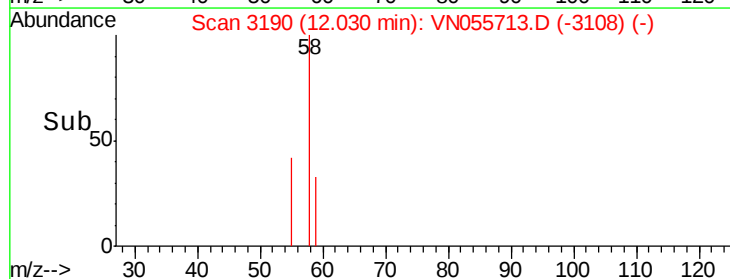
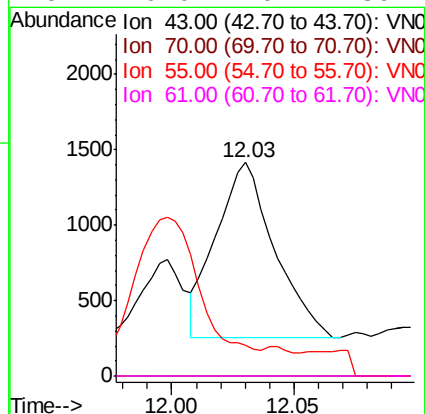
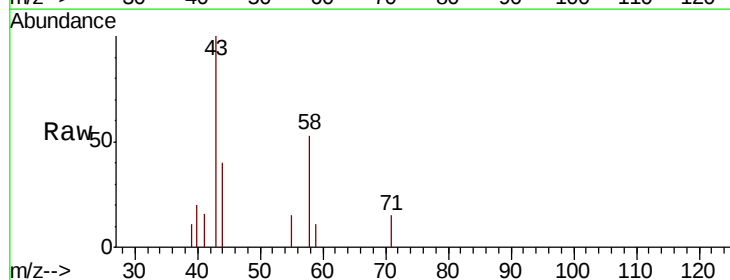
Ion Ratio Lower Upper

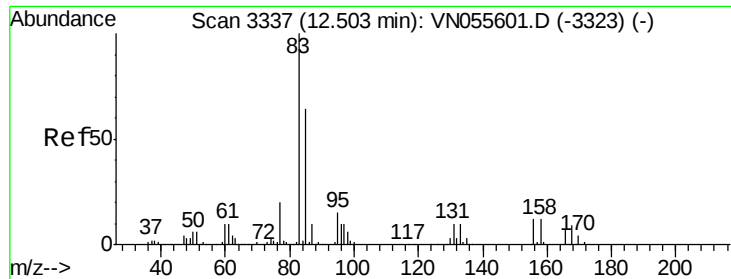
43 100

70 0.0 35.0 52.6#

55 0.0 18.9 28.3#

61 0.0 20.1 30.1#





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.53 min Scan# 3344

Delta R.T. 0.02 min

Lab File: VN055713.D

Acq: 21 May 2019 16:42

Instrument :

MSVOA_N

ClientSampleId :

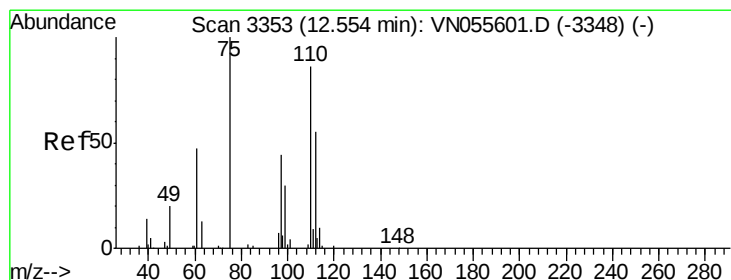
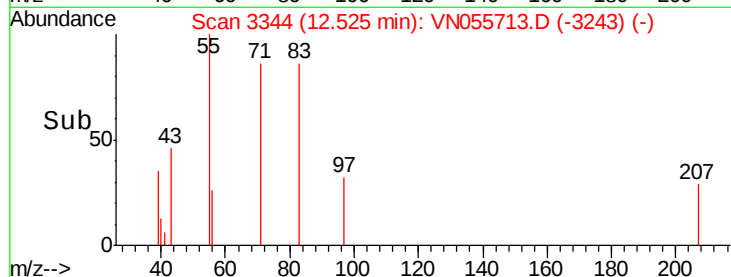
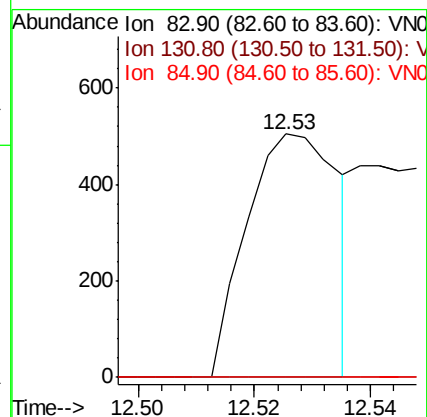
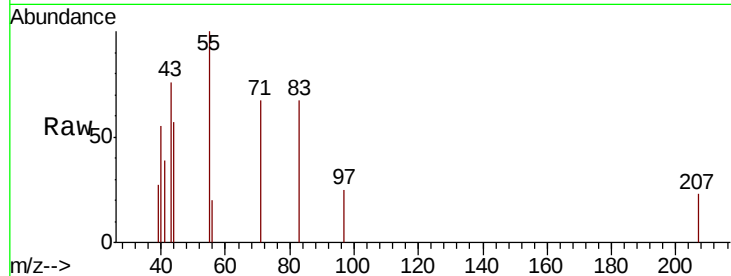
Tot Ion: 83 Resp: 552

Ion Ratio Lower Upper

83 100

131 0.0 5.3 16.1#

85 0.0 32.0 96.2#



#76

1,2,3-Trichloropropane

Concen: 23.121 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055713.D

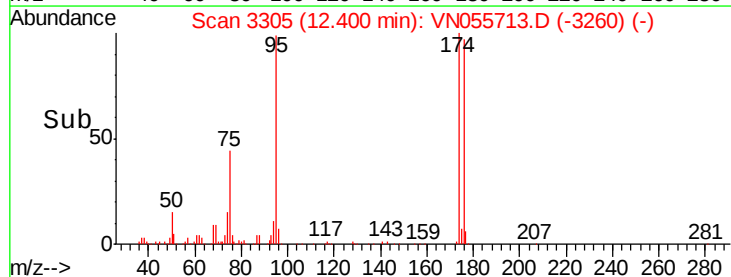
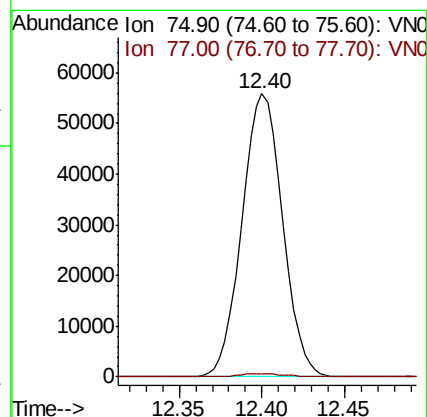
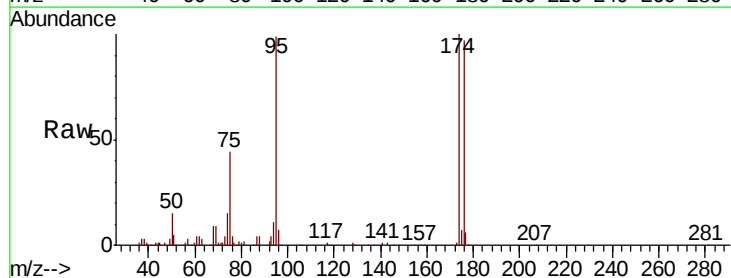
Acq: 21 May 2019 16:42

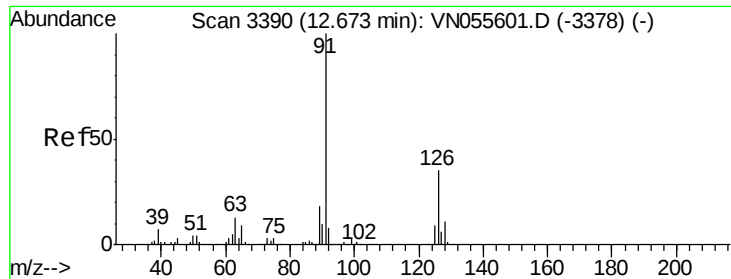
Tgt Ion: 75 Resp: 95181

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#

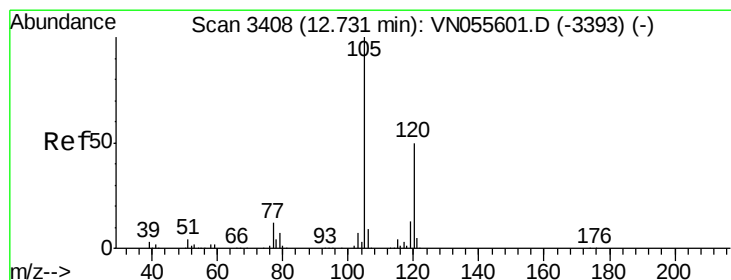
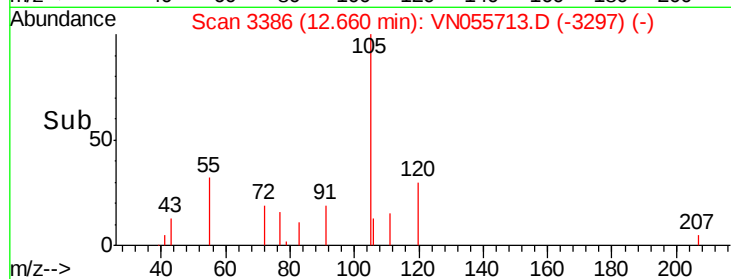
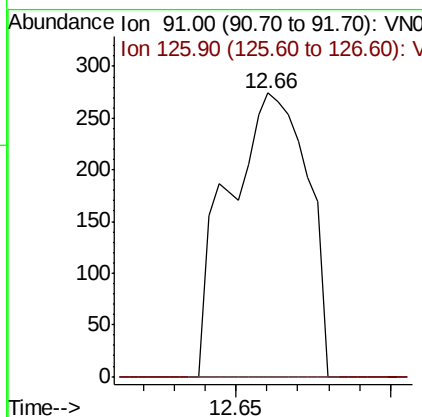
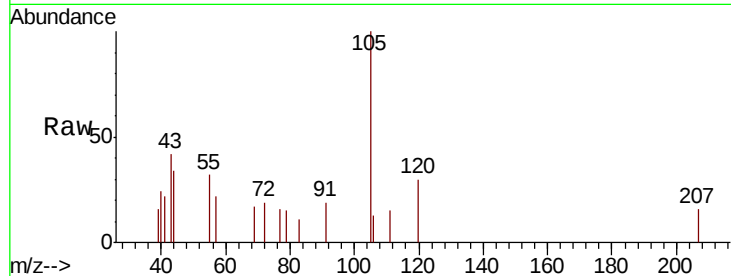




#79
 2-Chlorotoluene
 Concen: Below Cal
 RT: 12.66 min Scan# 3386
 Delta R.T. -0.01 min
 Lab File: VN055713.D
 Acq: 21 May 2019 16:42

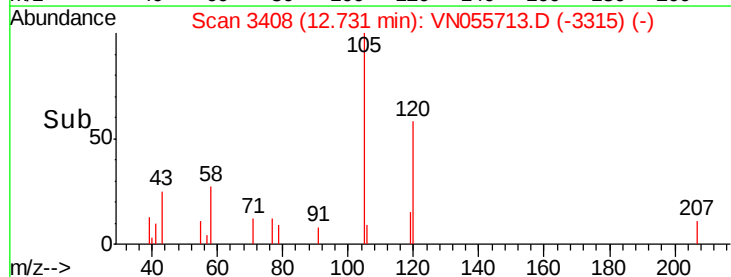
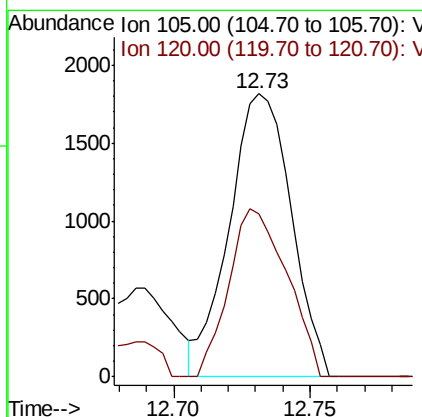
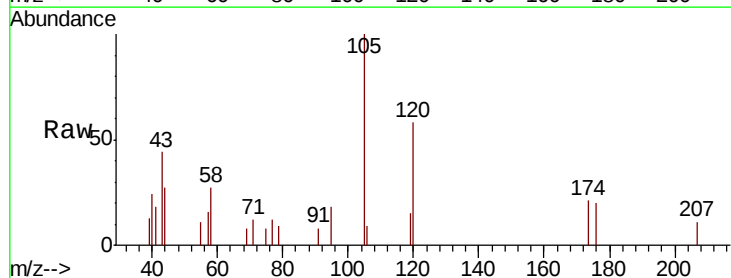
Instrument :
 MSVOA_N
 ClientSampleId :

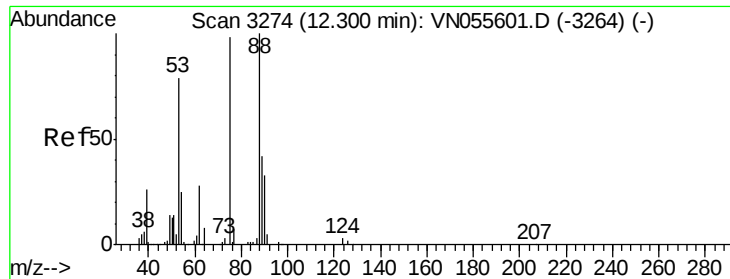
Tot Ion: 91 Resp: 489
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.8 53.4#



#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN055713.D
 Acq: 21 May 2019 16:42

Tgt Ion: 105 Resp: 2867
 Ion Ratio Lower Upper
 105 100
 120 55.8 24.6 74.0

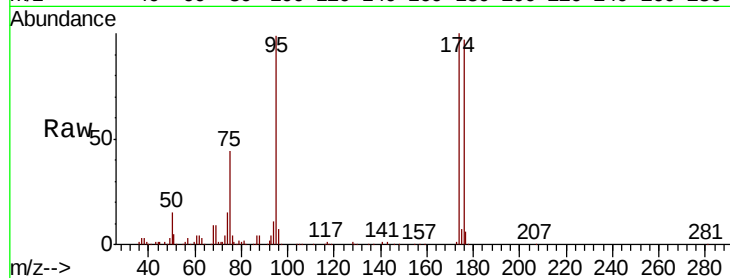




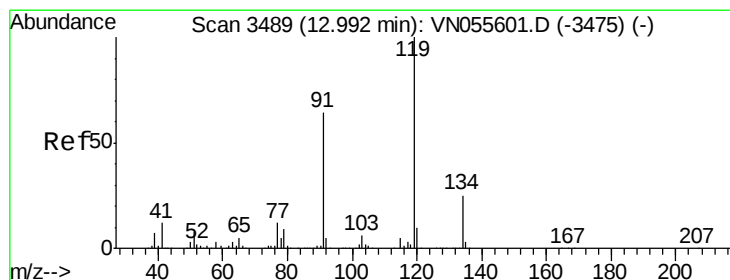
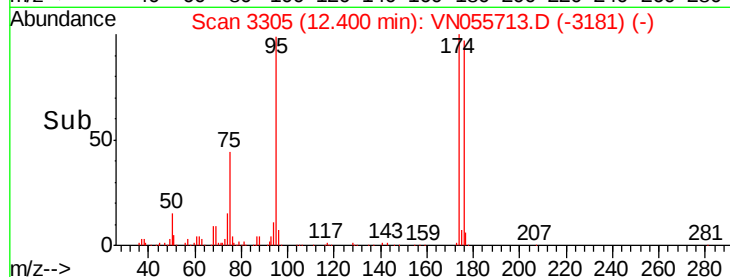
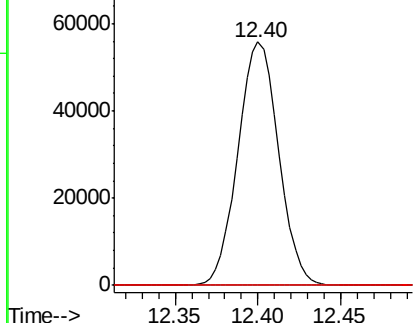
#81
 trans-1,4-Dichloro-2-butene
 Concen: 59.435 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN055713.D
 Acq: 21 May 2019 16:42

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
53	0.0	65.1	97.7#
89	0.0	36.4	54.6#

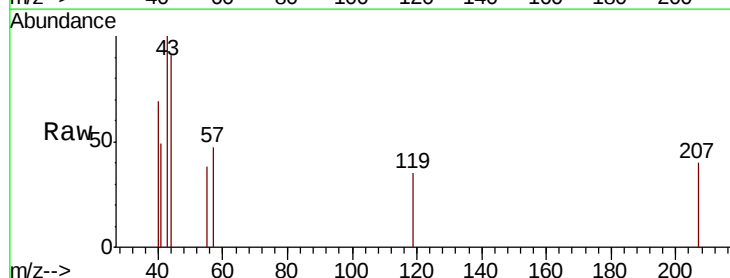


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 53.00 (52.70 to 53.70): VN0
 Ion 88.90 (88.60 to 89.60): VN0

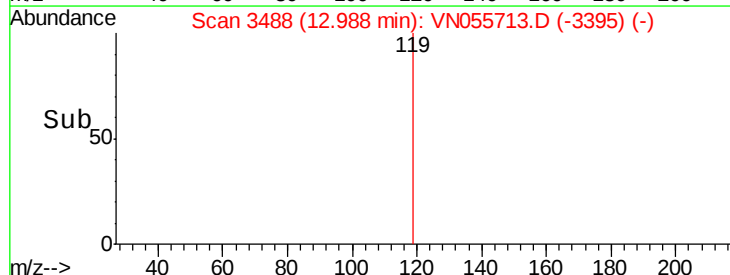
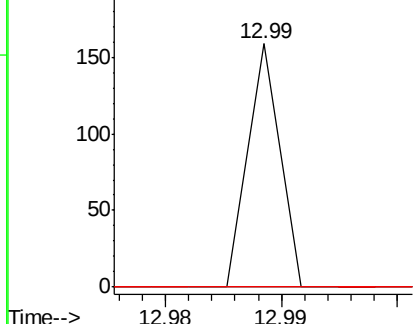


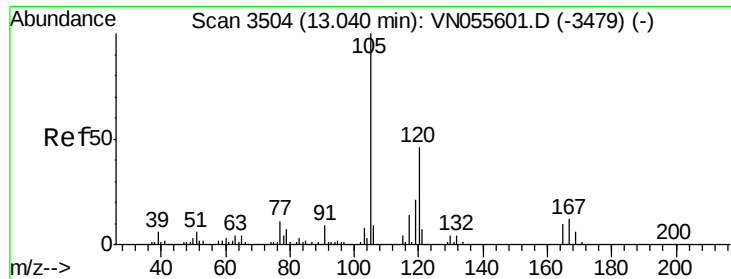
#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.99 min Scan# 3488
 Delta R.T. -0.00 min
 Lab File: VN055713.D
 Acq: 21 May 2019 16:42

Tgt Ion	Ratio	Lower	Upper
119	100		
91	0.0	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): VN0
 Ion 134.00 (133.70 to 134.70): V

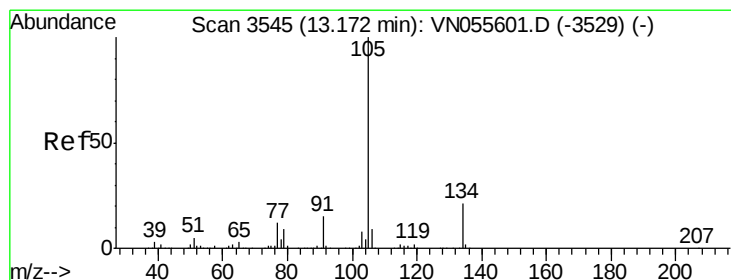
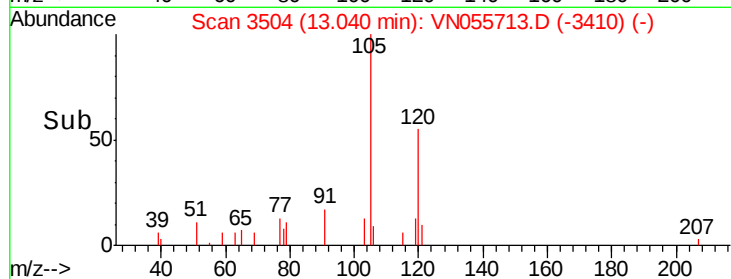
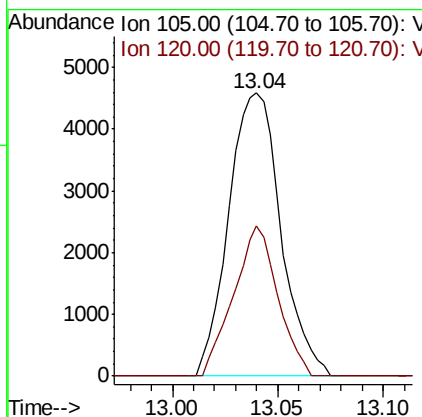
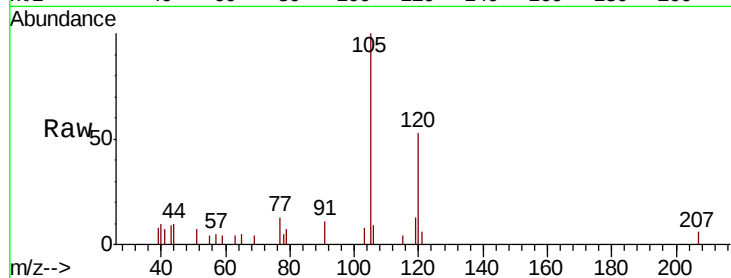




#84
 1,2,4-Trimethylbenzene
 Concen: Below Cal
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055713.D
 Acq: 21 May 2019 16:42

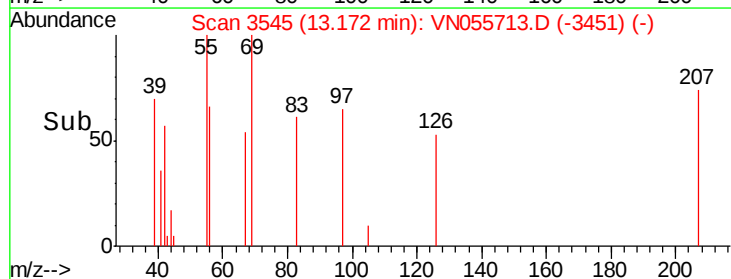
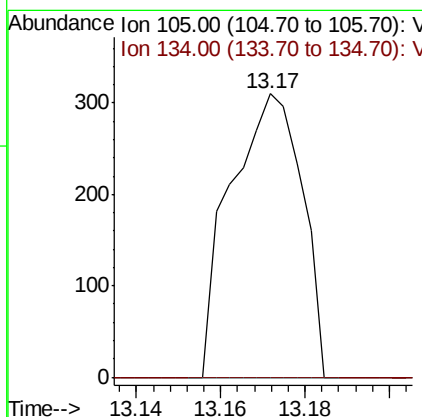
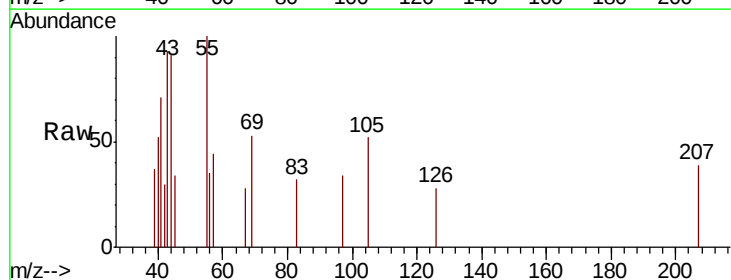
Instrument :
 MSVOA_N
 ClientSampled :

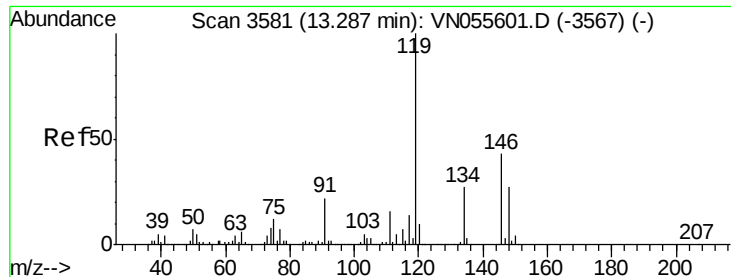
Tot Ion:105 Resp: 7880
 Ion Ratio Lower Upper
 105 100
 120 44.8 23.1 69.2



#85
 sec-Butylbenzene
 Concen: Below Cal
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN055713.D
 Acq: 21 May 2019 16:42

Tgt Ion:105 Resp: 365
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.3 30.9#

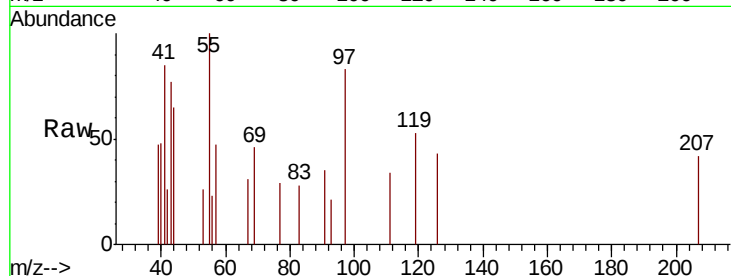




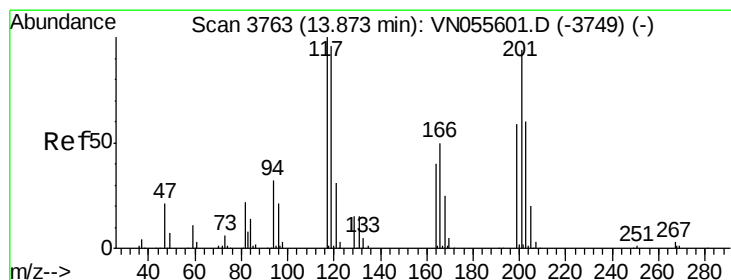
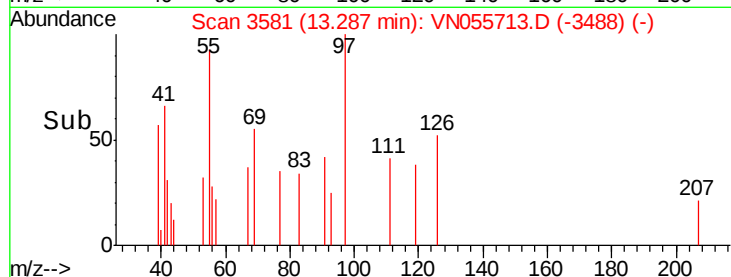
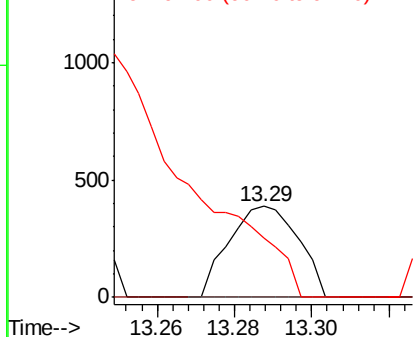
#86
p-Isopropyltoluene
Concen: Below Cal
RT: 13.29 min Scan# 3581
Delta R.T. 0.00 min
Lab File: VN055713.D
Acq: 21 May 2019 16:42

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:119 Resp: 482
Ion Ratio Lower Upper
119 100
134 0.0 13.4 40.2#
91 0.0 11.0 33.0#

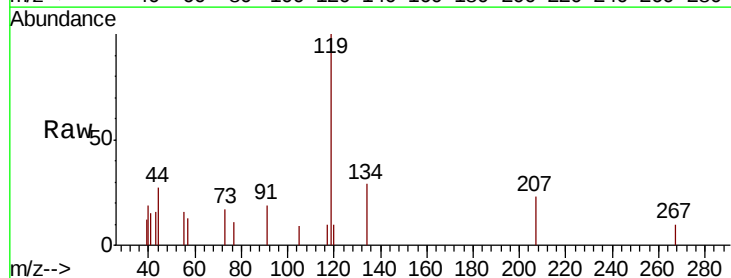


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

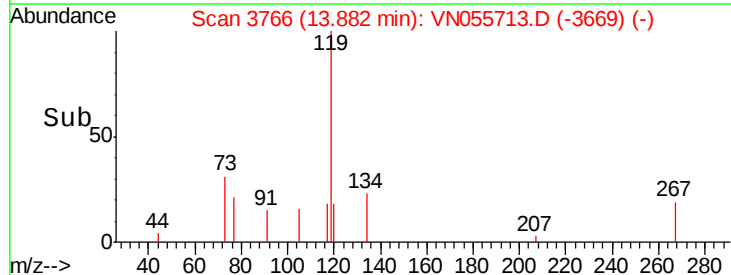
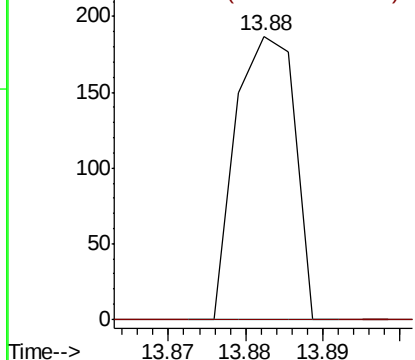


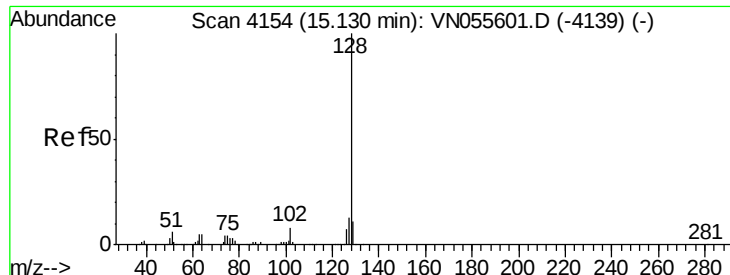
#90
Hexachloroethane
Concen: Below Cal
RT: 13.88 min Scan# 3766
Delta R.T. 0.01 min
Lab File: VN055713.D
Acq: 21 May 2019 16:42

Tgt Ion:117 Resp: 99
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





#95

Naphthalene

Concen: 1.974 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

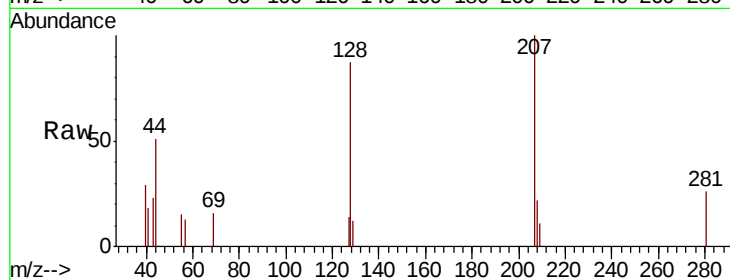
Lab File: VN055713.D

Acq: 21 May 2019 16:42

Instrument :

MSVOA_N

ClientSampleId :



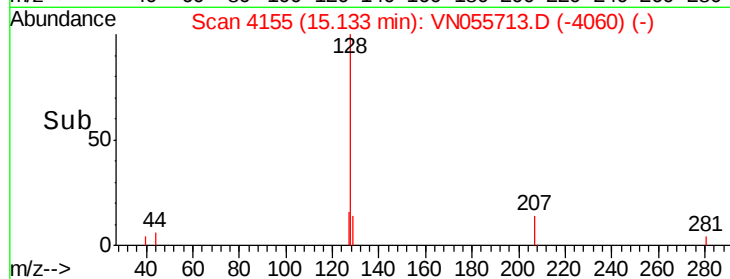
Tot Ion:128 Resp: 2280

Ion Ratio Lower Upper

128 100

127 8.9 10.2 15.4#

129 6.0 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

