

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060319\
 Data File : VN055961.D
 Acq On : 3 Jun 2019 15:05
 Operator : JC/SP
 Sample : K3125-25 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 03 16:23:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	344047	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	529847	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	494287	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	203765	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	174702	49.17	ug/l	0.00
Spiked Amount			Recovery	=	98.34%	
35) Dibromofluoromethane	7.59	113	151719	45.29	ug/l	0.00
Spiked Amount			Recovery	=	90.58%	
50) Toluene-d8	10.09	98	625084	48.65	ug/l	0.00
Spiked Amount			Recovery	=	97.30%	
62) 4-Bromofluorobenzene	12.40	95	217355	49.33	ug/l	0.00
Spiked Amount			Recovery	=	98.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	1828	0.563	ug/l	94
11) Tert butyl alcohol	4.73	59	10229	15.068	ug/l #	74
13) Acrolein	3.59	56	233	0.479	ug/l #	1
16) Acetone	3.82	43	134468	86.096	ug/l	100
18) Methyl Acetate	4.34	43	6560	0.823	ug/l	96
22) Diisopropyl ether	6.06	45	19180	1.966	ug/l #	1
23) Vinyl Acetate	6.06	43	46224	5.526	ug/l #	71
25) 2-Butanone	6.85	43	12179	5.584	ug/l	98
29) Tetrahydrofuran	7.23	42	3059	2.215	ug/l #	32
31) Cyclohexane	7.66	56	5232	0.981	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	20016	4.335	ug/l #	48
37) Ethyl Acetate	6.93	43	5698	1.277	ug/l #	83
38) Carbon Tetrachloride	7.66	117	28337	5.892	ug/l #	15
40) Benzene	8.04	78	6224	0.447	ug/l	93
41) Methacrylonitrile	7.24	41	1262	0.560	ug/l #	38
45) 1,2-Dichloropropane	8.90	63	1726	0.476	ug/l #	1
48) Methyl methacrylate	9.18	41	1529	0.442	ug/l #	31
51) 4-Methyl-2-Pentanone	9.99	43	1157	0.261	ug/l #	35
52) Toluene	10.15	92	7130	0.815	ug/l	98
57) 1,3-Dichloropropane	10.81	76	11638	2.042	ug/l #	42
59) 2-Hexanone	10.81	43	417063	132.757	ug/l #	38
67) Ethyl Benzene	11.51	91	6803	0.383	ug/l	99
68) m/p-Xylenes	11.62	106	15539	2.316	ug/l	98
69) o-Xylene	11.95	106	9144	1.374	ug/l	93
71) Bromoform	12.40	173	1401	0.416	ug/l #	1
73) Isopropylbenzene	12.25	105	543	Below Cal	#	73
74) N-amyl acetate	12.03	43	31075	3.513	ug/l #	43
75) 1,1,2,2-Tetrachloroethane	12.36	83	2783	Below Cal	#	32
76) 1,2,3-Trichloropropane	12.40	75	98741	26.673	ug/l #	100
79) 2-Chlorotoluene	12.68	91	253	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.73	105	2860	Below Cal		97
81) trans-1,4-Dichloro-2-buten	12.40	75	98741	65.200	ug/l #	15
83) tert-Butylbenzene	13.04	119	837	Below Cal	#	70
84) 1,2,4-Trimethylbenzene	13.04	105	8548	Below Cal		84

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Instrument :
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Quant Time: Jun 03 16:23:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
Quant Title : SW846 8260
QLast Update : Fri May 24 06:41:54 2019
Response via : Initial Calibration

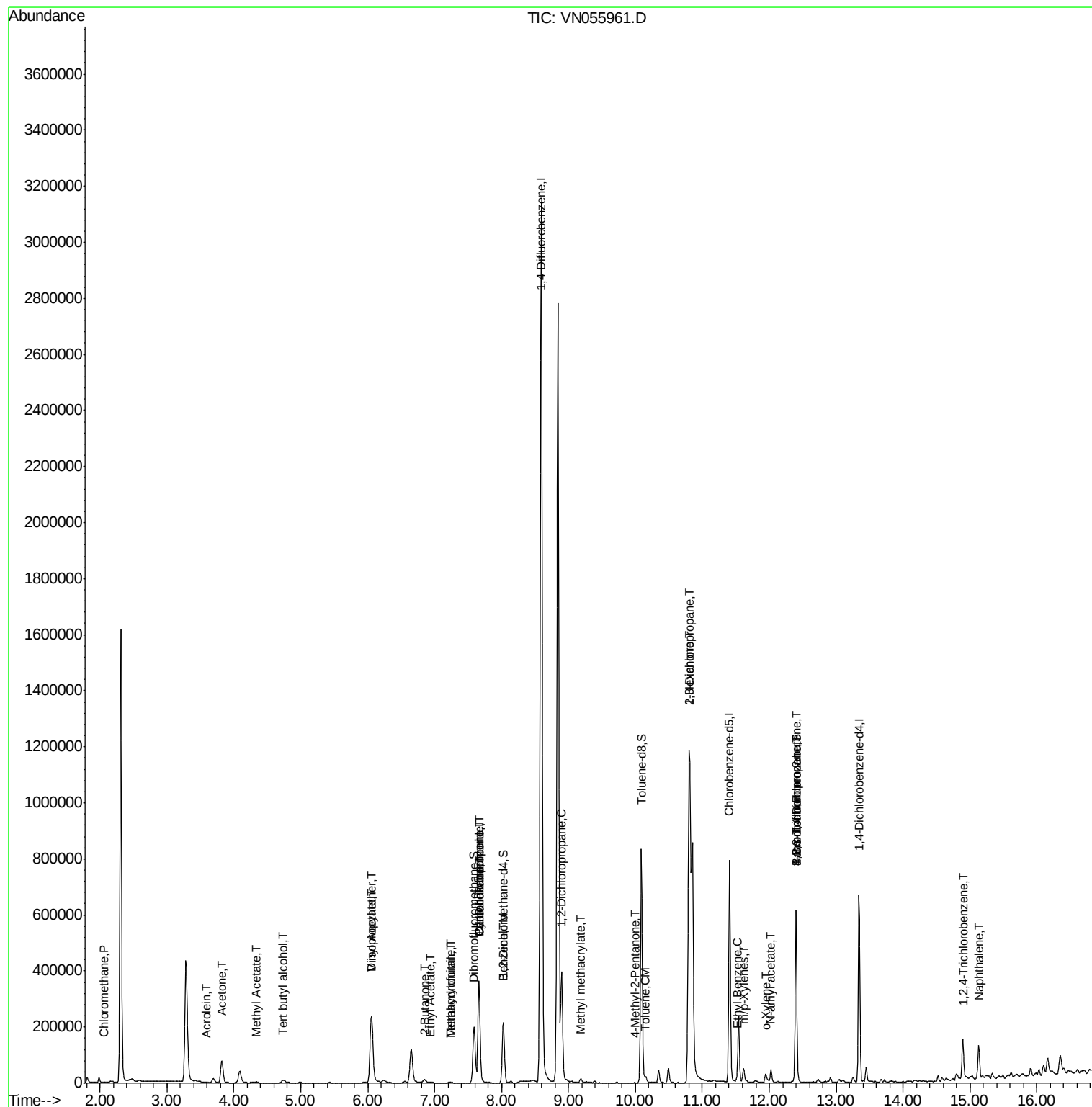
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
85) sec-Butylbenzene	13.17	105	505	Below Cal #	55
93) 1,2,4-Trichlorobenzene	14.91	180	327	3.714 ug/l #	1
95) Naphthalene	15.13	128	105054	11.145 ug/l	99

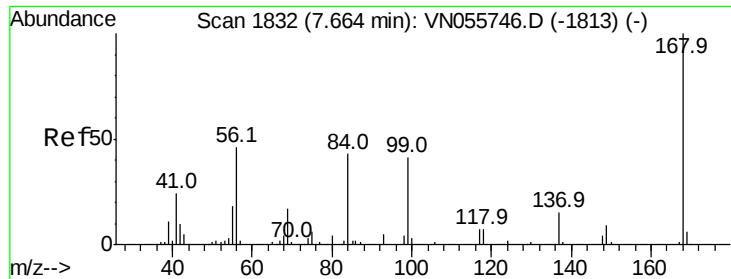
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055961.D

Acq: 3 Jun 2019 15:05

Instrument :

MSVOA_N

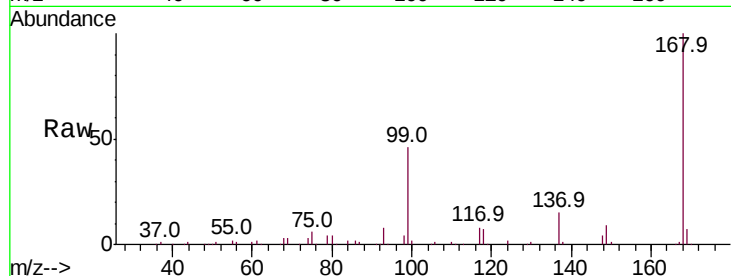
ClientSampleId :

Tot Ion:168 Resp: 344047

Ion Ratio Lower Upper

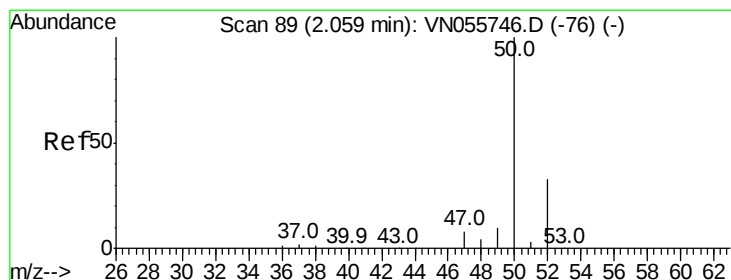
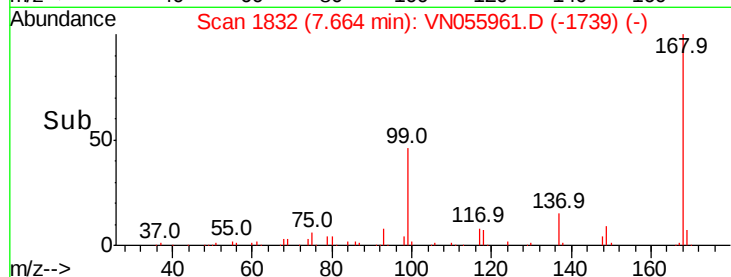
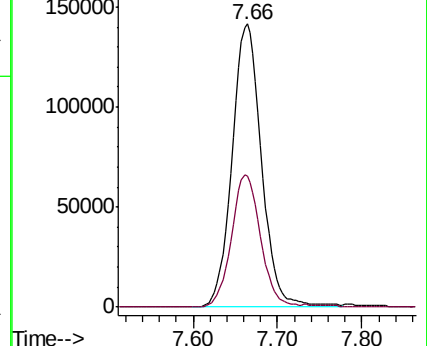
168 100

99 46.3 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#3

Chloromethane

Concen: 0.563 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN055961.D

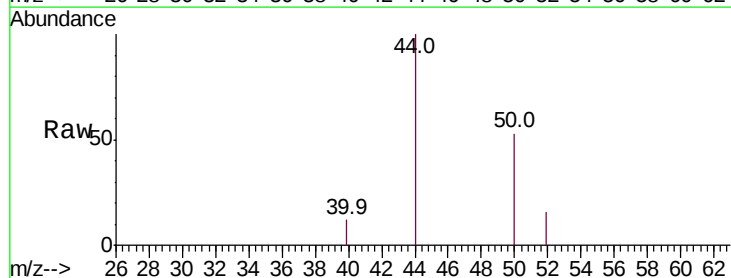
Acq: 3 Jun 2019 15:05

Tgt Ion: 50 Resp: 1828

Ion Ratio Lower Upper

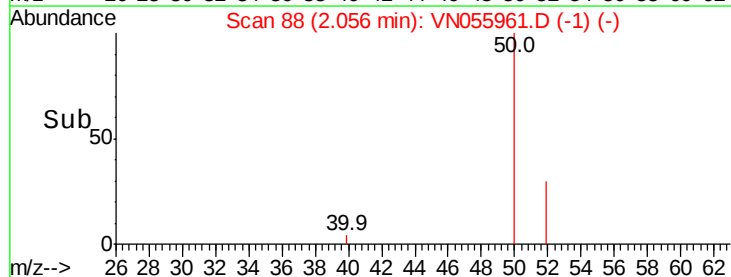
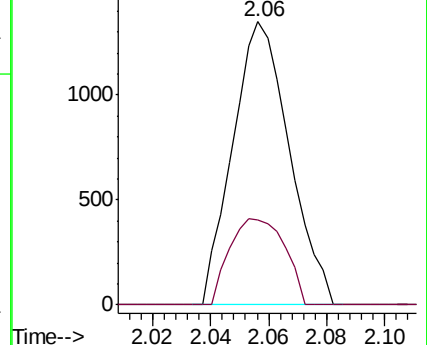
50 100

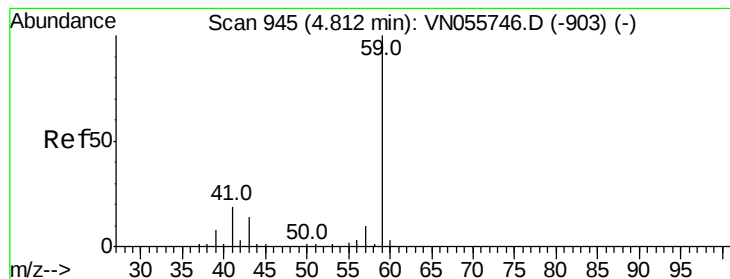
52 30.1 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



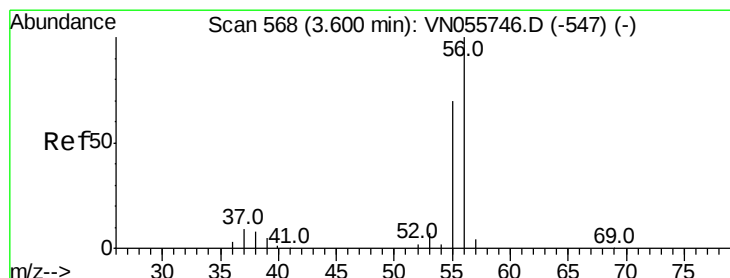
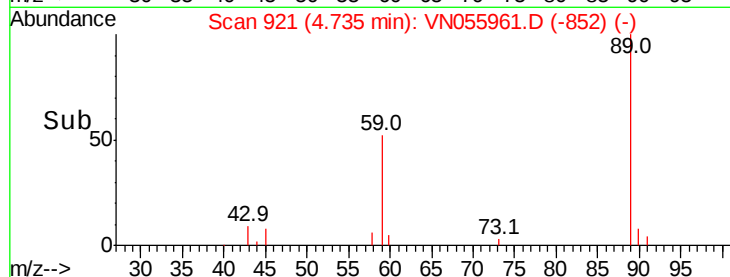
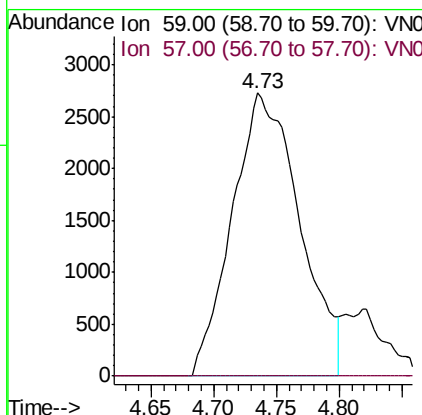
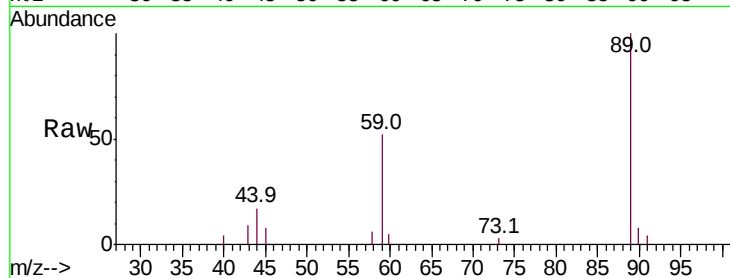


#11

Tert butyl alcohol
 Concen: 15.068 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. -0.08 min
 Lab File: VN055961.D
 Acq: 3 Jun 2019 15:05

Instrument :
 MSVOA_N
 ClientSampled :

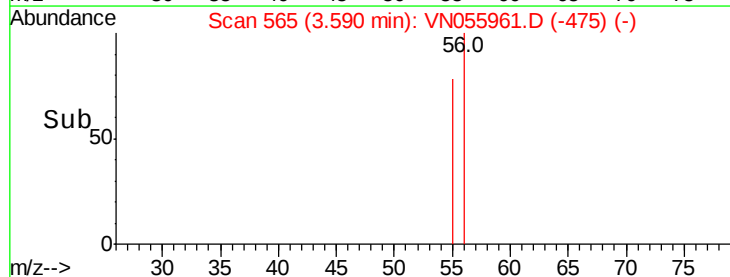
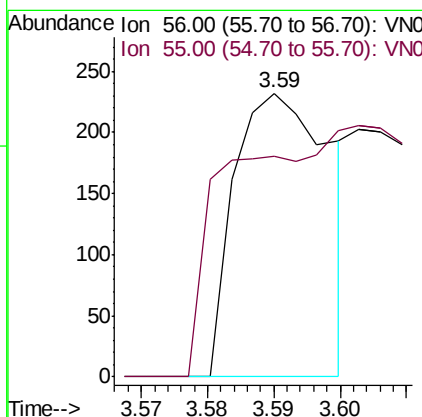
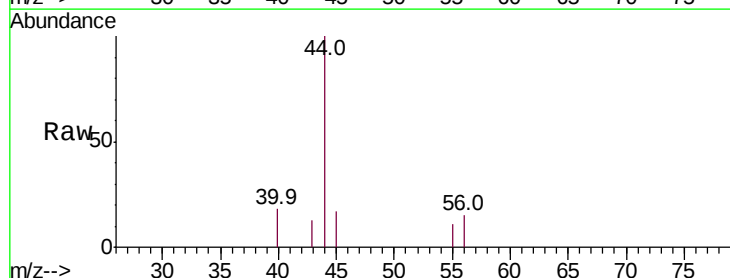
Tot Ion: 59 Resp: 10229
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.8 11.6#

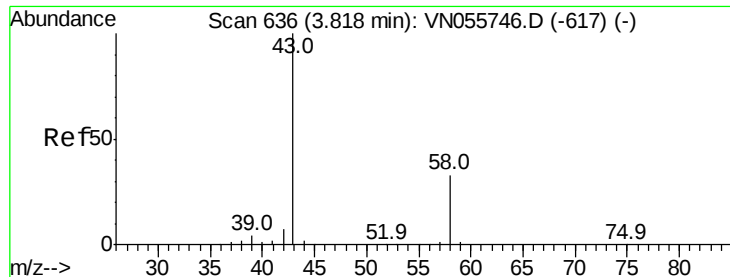


#13

Acrolein
 Concen: 0.479 ug/l
 RT: 3.59 min Scan# 565
 Delta R.T. -0.01 min
 Lab File: VN055961.D
 Acq: 3 Jun 2019 15:05

Tgt Ion: 56 Resp: 233
 Ion Ratio Lower Upper
 56 100
 55 154.1 55.4 83.2#





#16

Acetone

Concen: 86.096 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN055961.D

Acq: 3 Jun 2019 15:05

Instrument :

MSVOA_N

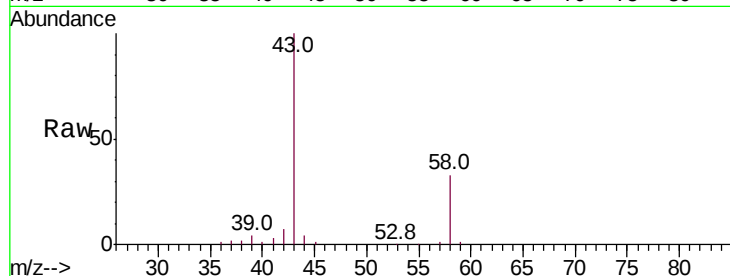
ClientSampled :

Tot Ion: 43 Resp: 134468

Ion Ratio Lower Upper

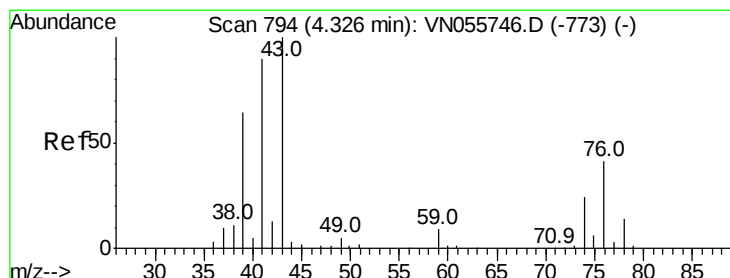
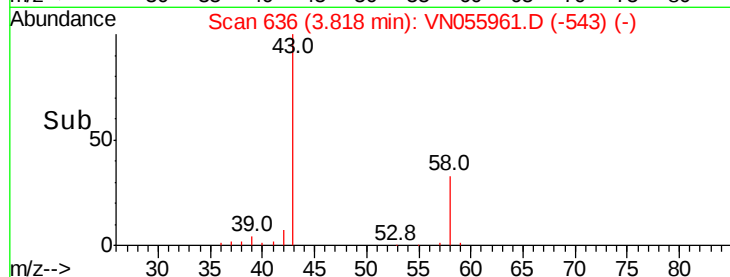
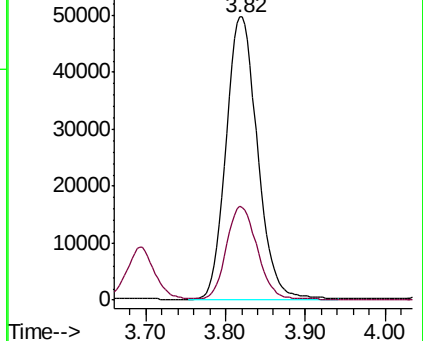
43 100

58 33.1 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 0.823 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN055961.D

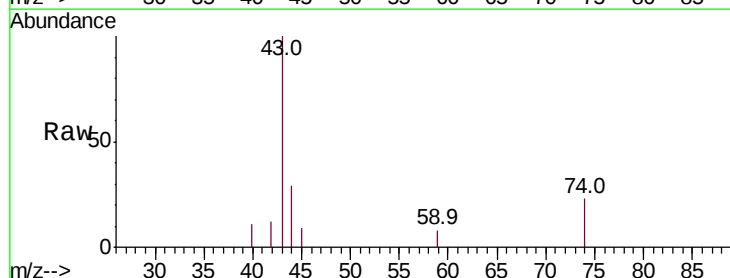
Acq: 3 Jun 2019 15:05

Tgt Ion: 43 Resp: 6560

Ion Ratio Lower Upper

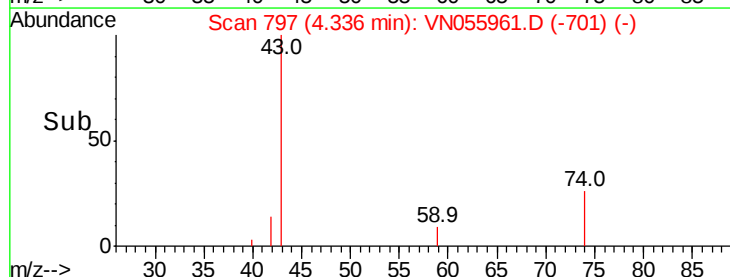
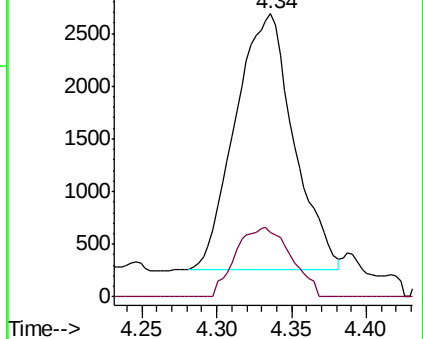
43 100

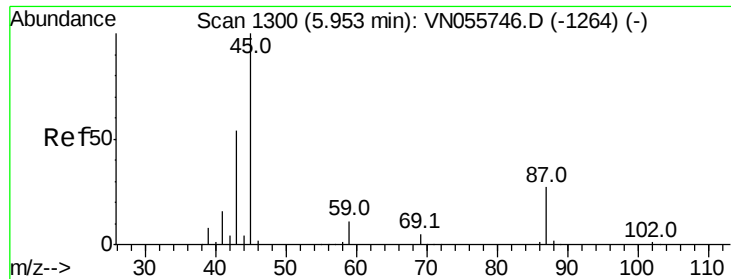
74 25.9 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#22

Diisopropyl ether

Concen: 1.966 ug/l

RT: 6.06 min Scan# 1333

Delta R.T. 0.11 min

Lab File: VN055961.D

Acq: 3 Jun 2019 15:05

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 45 Resp: 19180

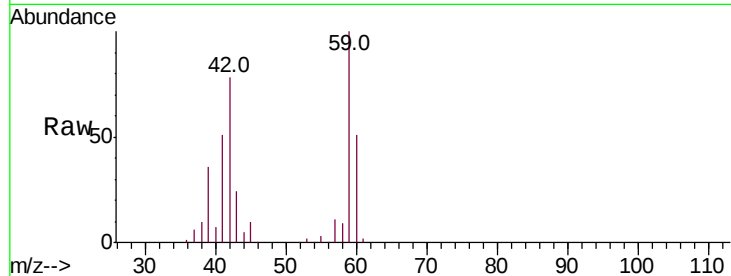
Ion Ratio Lower Upper

45 100

43 225.5 45.0 67.6#

87 0.0 22.2 33.4#

59 954.2 9.1 13.7#

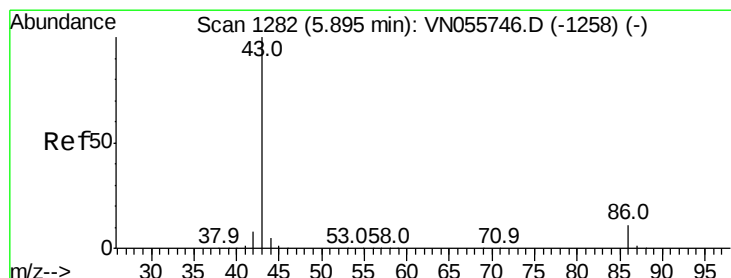
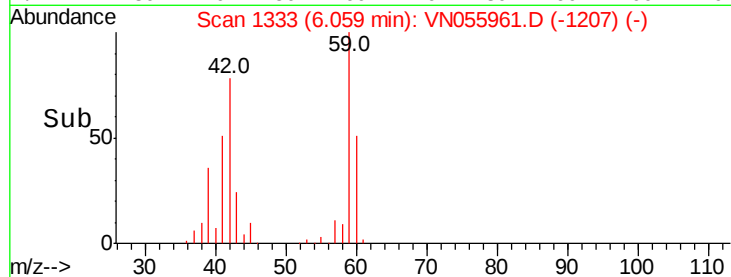
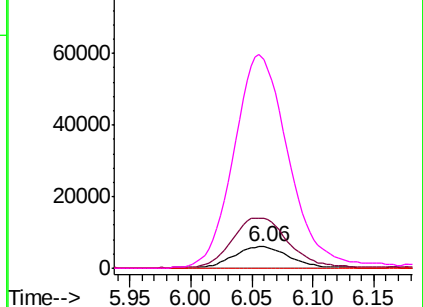


Abundance Ion 45.00 (44.70 to 45.70): VNO

Ion 43.00 (42.70 to 43.70): VNO

Ion 87.00 (86.70 to 87.70): VNO

Ion 59.00 (58.70 to 59.70): VNO



#23

Vinyl Acetate

Concen: 5.526 ug/l

RT: 6.06 min Scan# 1332

Delta R.T. 0.16 min

Lab File: VN055961.D

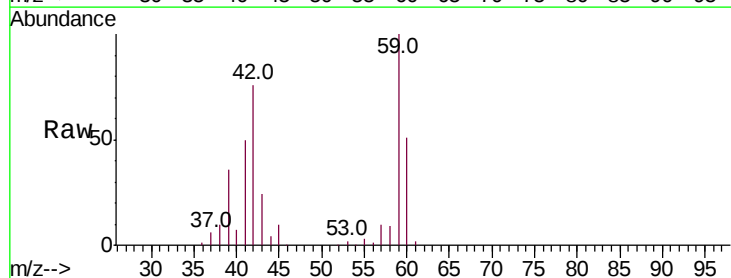
Acq: 3 Jun 2019 15:05

Tgt Ion: 43 Resp: 46224

Ion Ratio Lower Upper

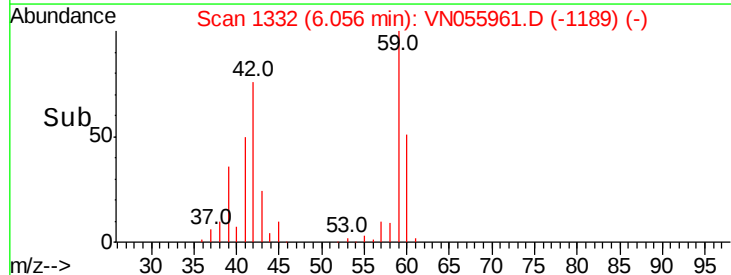
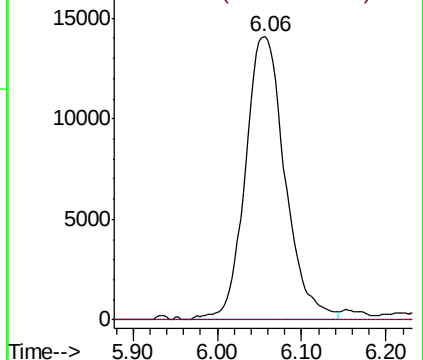
43 100

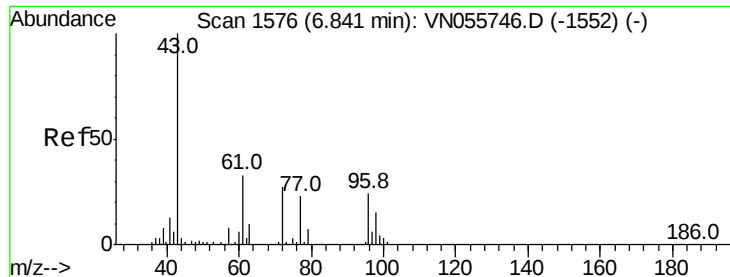
86 0.0 8.6 13.0#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 86.00 (85.70 to 86.70): VNO





#25

2-Butanone

Concen: 5.584 ug/l

RT: 6.85 min Scan# 1578

Delta R.T. 0.01 min

Lab File: VN055961.D

Acq: 3 Jun 2019 15:05

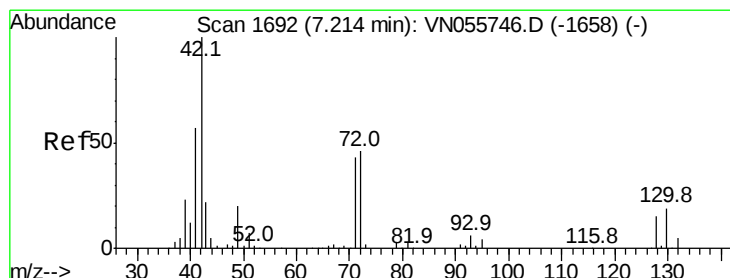
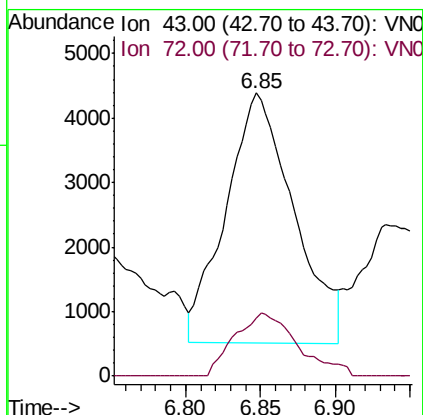
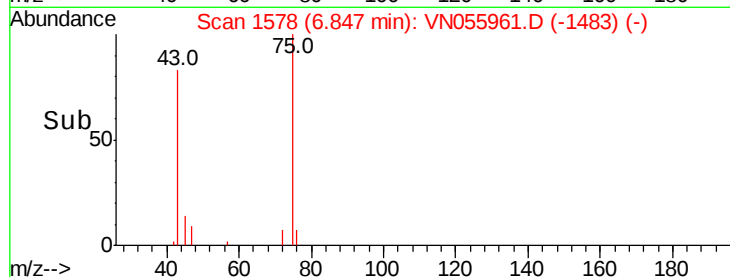
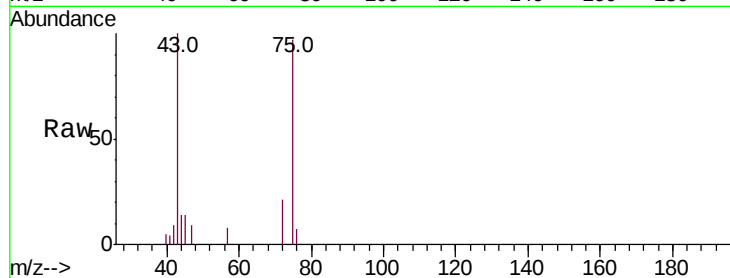
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 12179

Ion Ratio Lower Upper

43 100

72 26.5 21.9 32.9



#29

Tetrahydrofuran

Concen: 2.215 ug/l

RT: 7.23 min Scan# 1698

Delta R.T. 0.02 min

Lab File: VN055961.D

Acq: 3 Jun 2019 15:05

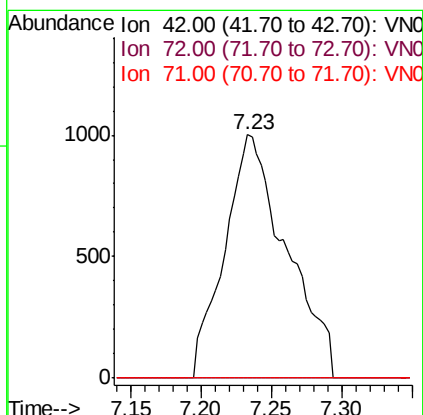
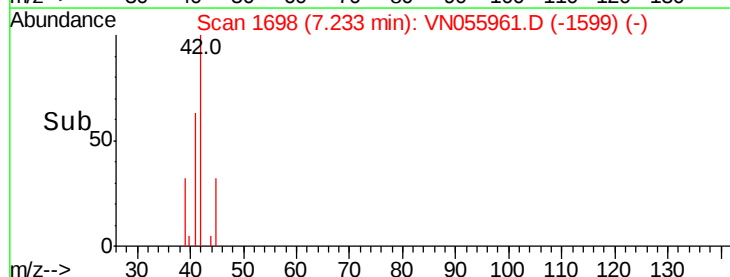
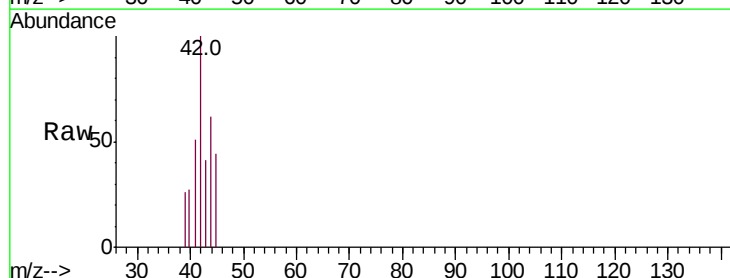
Tgt Ion: 42 Resp: 3059

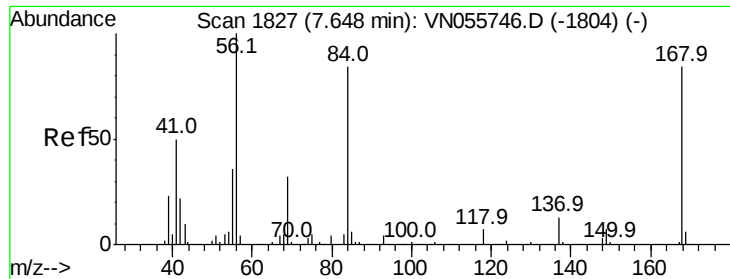
Ion Ratio Lower Upper

42 100

72 0.0 35.9 53.9#

71 0.0 34.0 51.0#

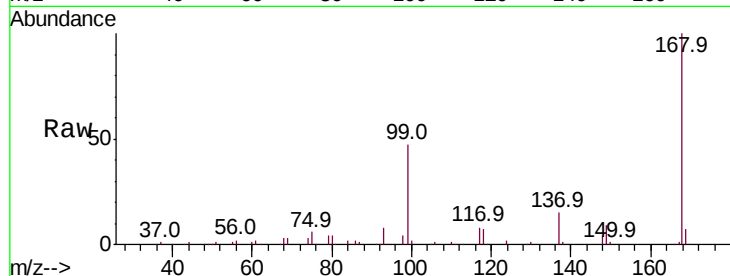




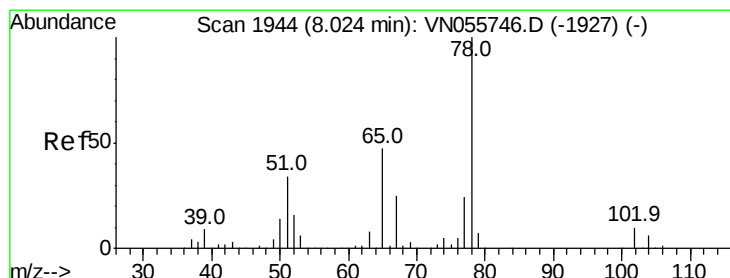
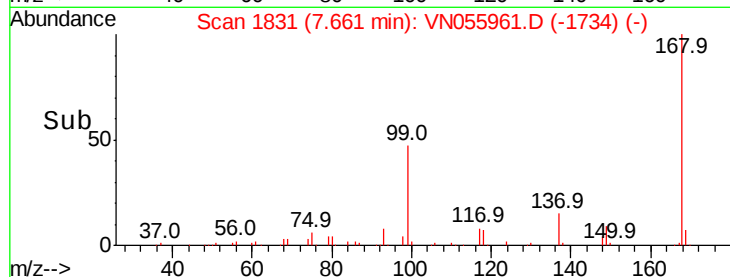
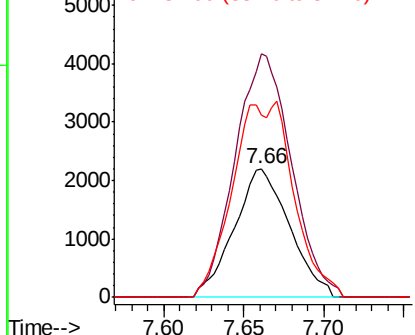
#31
Cyclohexane
Concen: 0.981 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN055961.D
Acq: 3 Jun 2019 15:05

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 5232
Ion Ratio Lower Upper
56 100
69 189.2 25.6 38.4#
84 141.7 67.4 101.0#

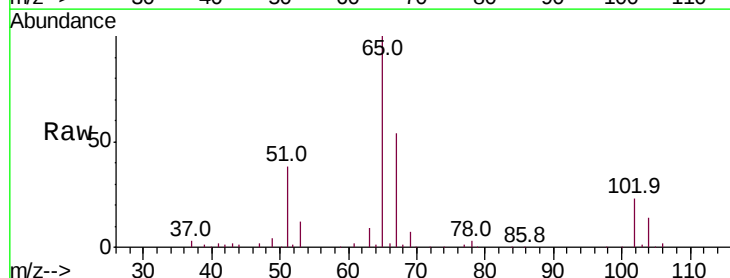


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

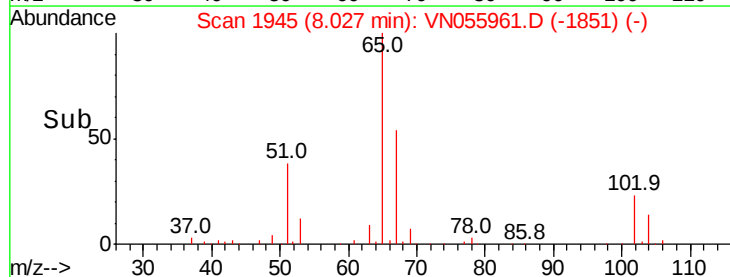
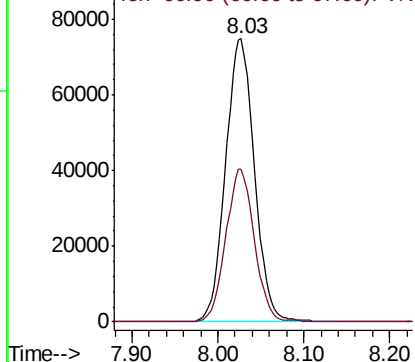


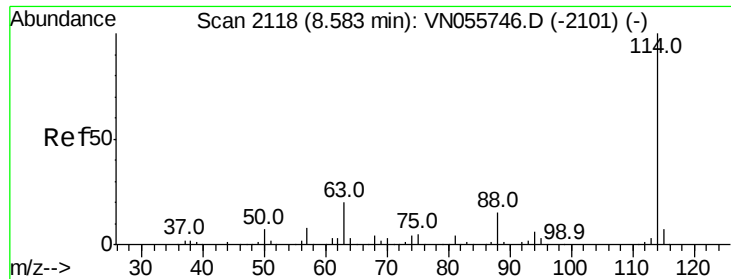
#33
1,2-Dichloroethane-d4
Concen: 49.170 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055961.D
Acq: 3 Jun 2019 15:05

Tgt Ion: 65 Resp: 174702
Ion Ratio Lower Upper
65 100
67 53.3 0.0 109.2



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

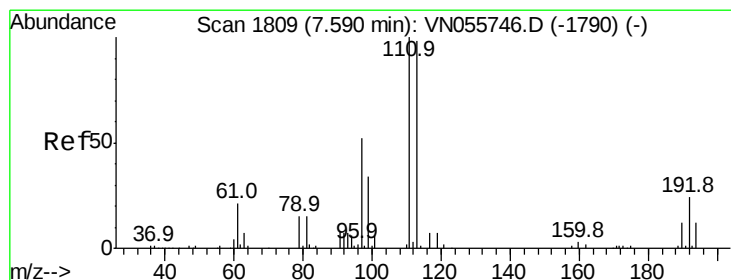
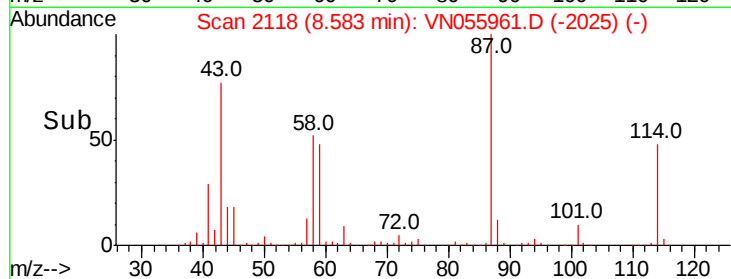
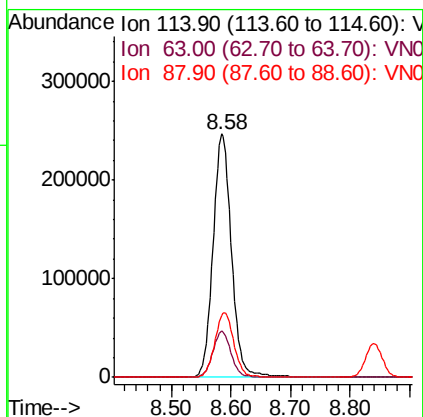
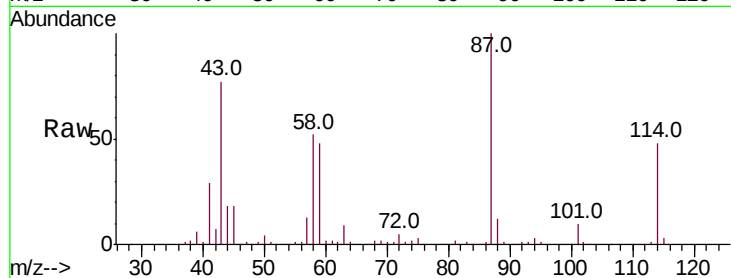




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055961.D
 Acq: 3 Jun 2019 15:05

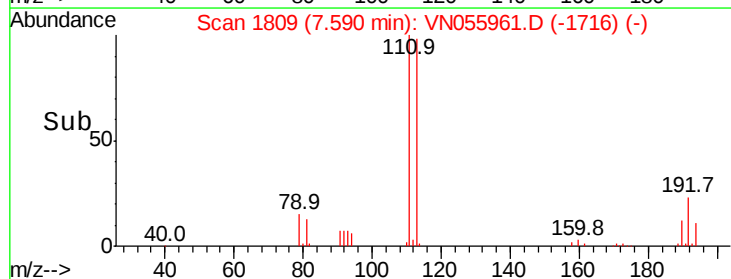
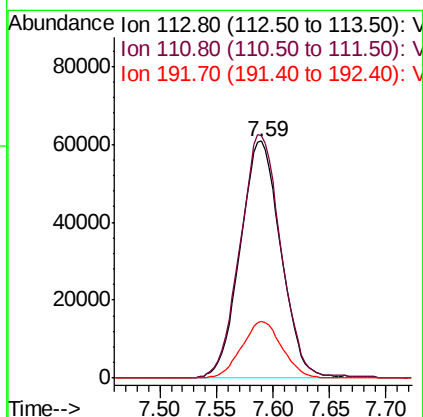
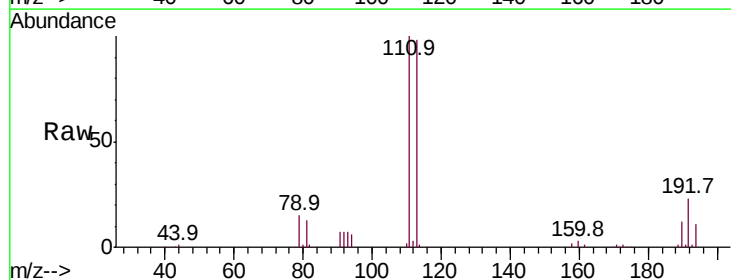
Instrument :
 MSVOA_N
 ClientSampleId :

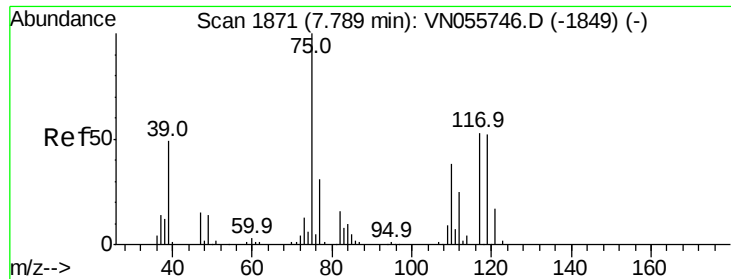
Tot Ion:114 Resp: 529847
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.2
 88 25.4 0.0 31.0



#35
 Dibromofluoromethane
 Concen: 45.291 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055961.D
 Acq: 3 Jun 2019 15:05

Tgt Ion:113 Resp: 151719
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.9 122.9
 192 23.8 19.5 29.3

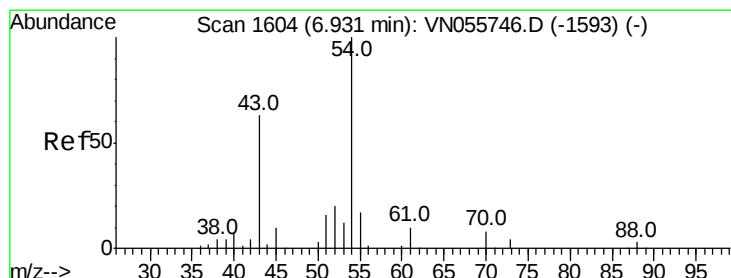
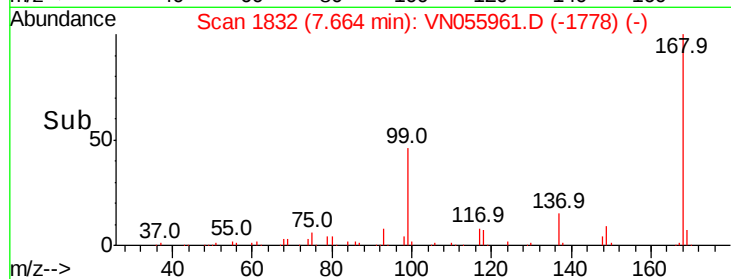
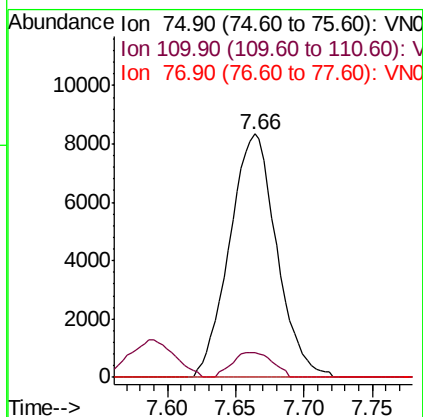
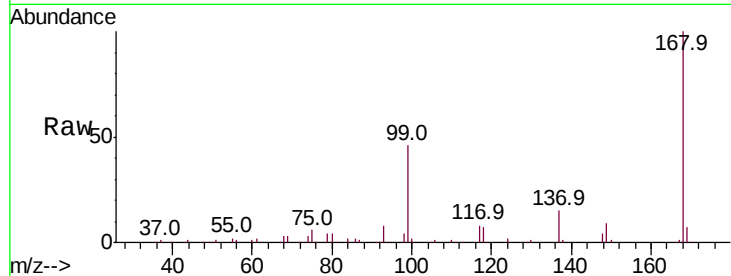




#36
 1,1-Dichloropropene
 Concen: 4.335 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN055961.D
 Acq: 3 Jun 2019 15:05

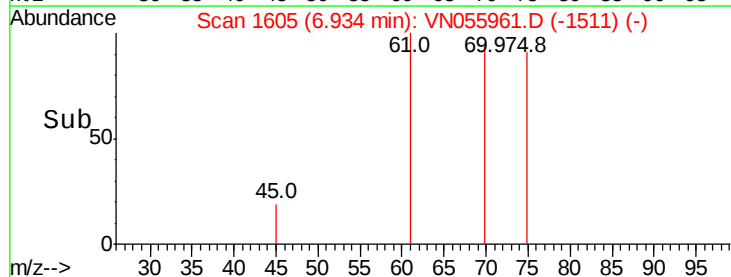
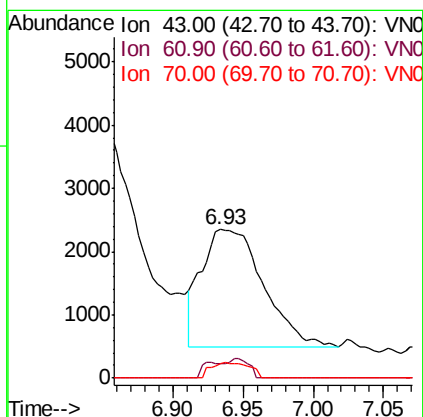
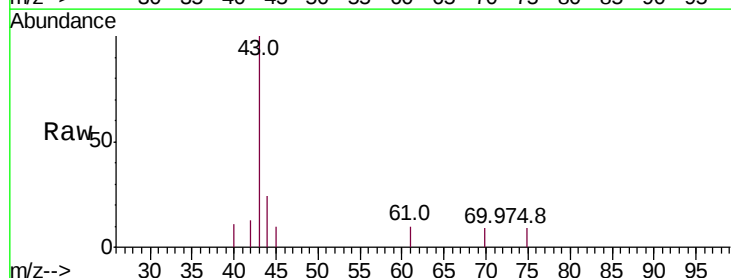
Instrument :
 MSVOA_N
 ClientSampleId :

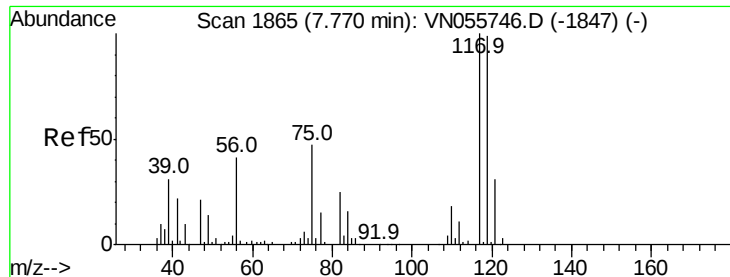
Tot Ion: 75 Resp: 20016
 Ion Ratio Lower Upper
 75 100
 110 8.8 19.0 57.0#
 77 0.0 25.1 37.7#



#37
 Ethyl Acetate
 Concen: 1.277 ug/l
 RT: 6.93 min Scan# 1605
 Delta R.T. 0.00 min
 Lab File: VN055961.D
 Acq: 3 Jun 2019 15:05

Tgt Ion: 43 Resp: 5698
 Ion Ratio Lower Upper
 43 100
 61 5.3 12.2 18.2#
 70 8.1 8.9 13.3#

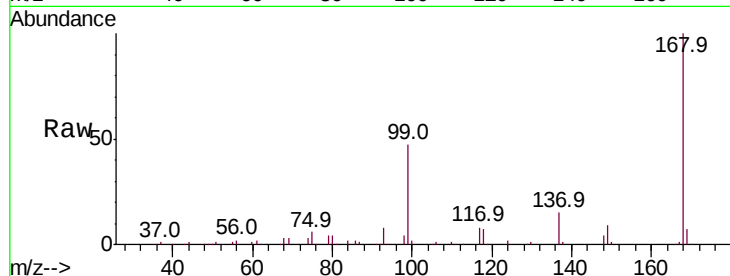




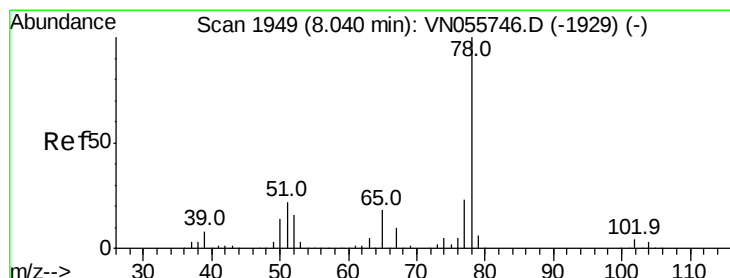
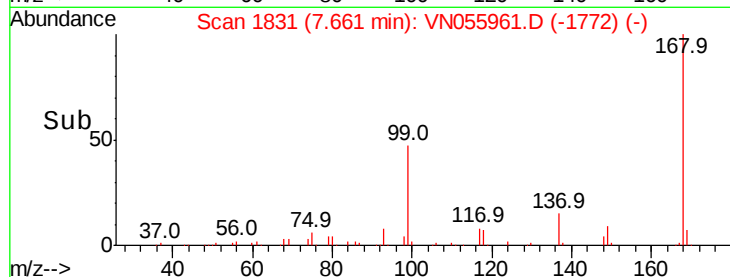
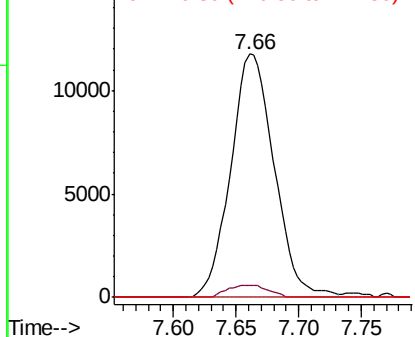
#38
Carbon Tetrachloride
Concen: 5.892 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN055961.D
Acq: 3 Jun 2019 15:05

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 28337
Ion Ratio Lower Upper
117 100
119 4.9 79.0 118.6#
121 0.0 24.7 37.1#

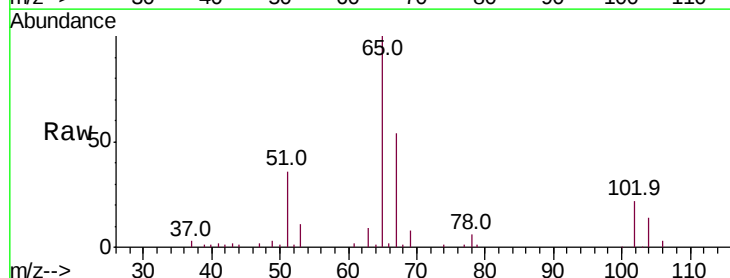


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

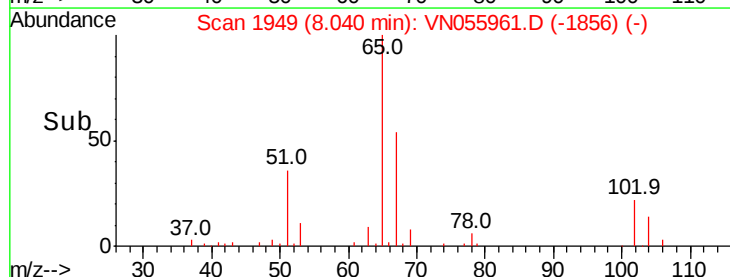
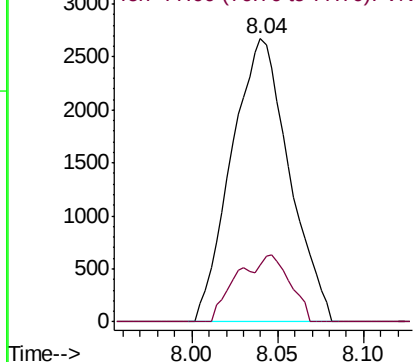


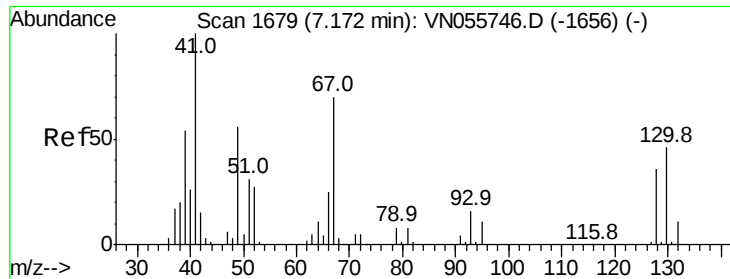
#40
Benzene
Concen: 0.447 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN055961.D
Acq: 3 Jun 2019 15:05

Tgt Ion: 78 Resp: 6224
Ion Ratio Lower Upper
78 100
77 20.0 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): V
Ion 77.00 (76.70 to 77.70): V

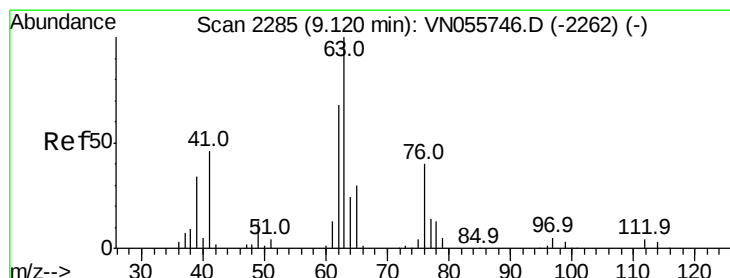
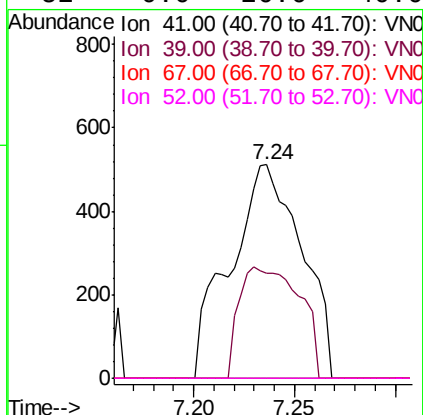
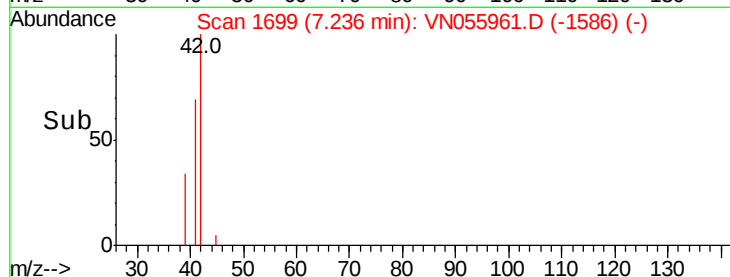
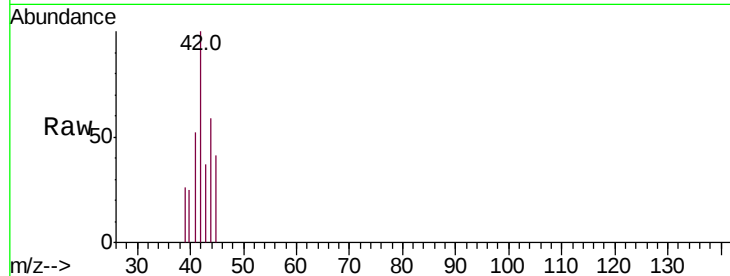




#41
Methacrylonitrile
Concen: 0.560 ug/l
RT: 7.24 min Scan# 1699
Delta R.T. 0.06 min
Lab File: VN055961.D
Acq: 3 Jun 2019 15:05

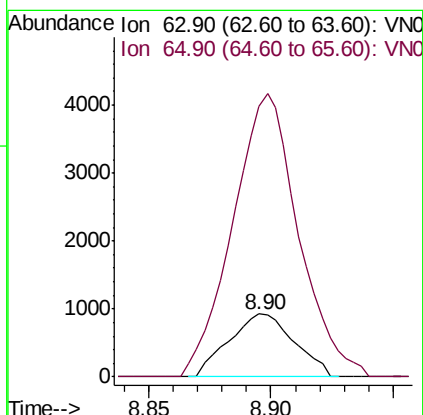
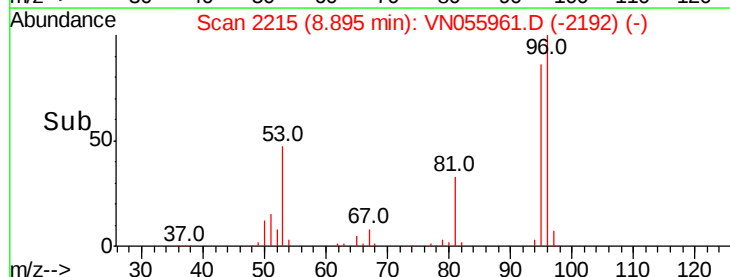
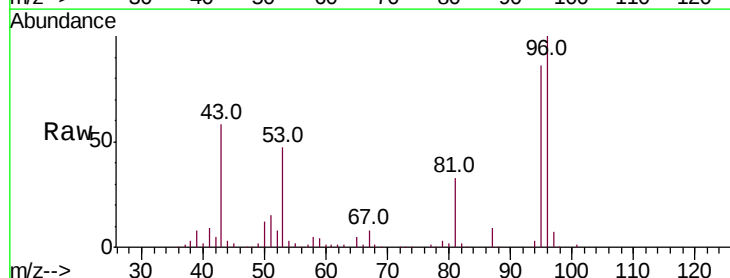
Instrument :
MSVOA_N
ClientSampleId :

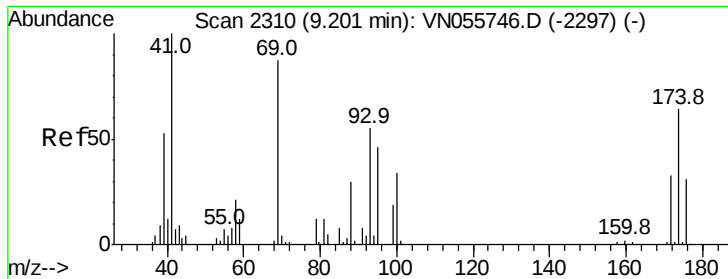
Tot Ion: 41 Resp: 1262
Ion Ratio Lower Upper
41 100
39 44.0 45.6 68.4#
67 0.0 67.7 101.5#
52 0.0 26.6 40.0#



#45
1,2-Dichloropropane
Concen: 0.476 ug/l
RT: 8.90 min Scan# 2215
Delta R.T. -0.22 min
Lab File: VN055961.D
Acq: 3 Jun 2019 15:05

Tgt Ion: 63 Resp: 1726
Ion Ratio Lower Upper
63 100
65 409.6 24.6 36.8#





#48

Methyl methacrylate

Concen: 0.442 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN055961.D

Acq: 3 Jun 2019 15:05

Instrument :
MSVOA_N
ClientSampled :

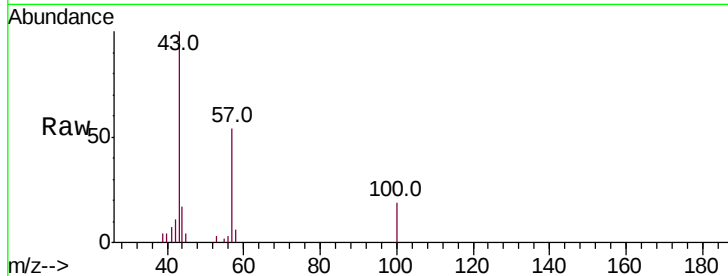
Tot Ion: 41 Resp: 1529

Ion Ratio Lower Upper

41 100

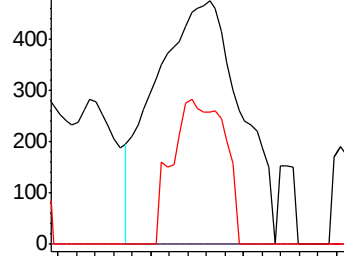
69 0.0 71.0 106.6#

39 36.4 44.2 66.2#

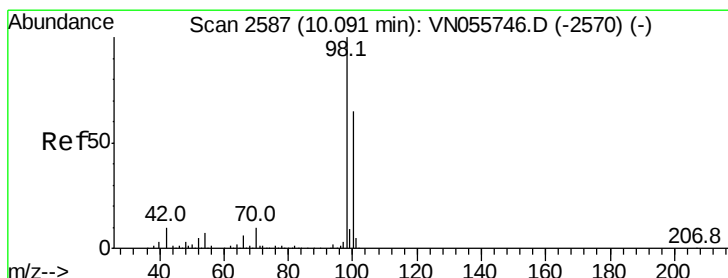
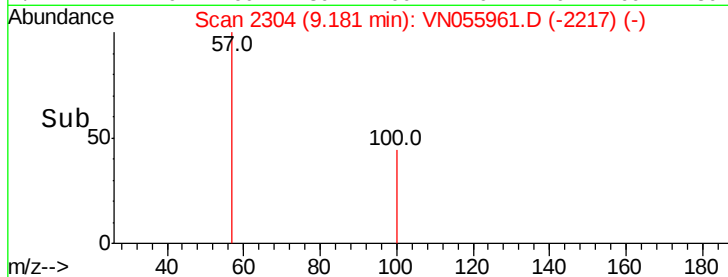


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

9.18



Time-->



#50

Toluene-d8

Concen: 48.645 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN055961.D

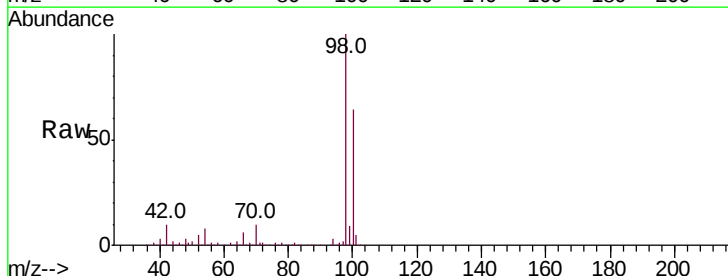
Acq: 3 Jun 2019 15:05

Tgt Ion: 98 Resp: 625084

Ion Ratio Lower Upper

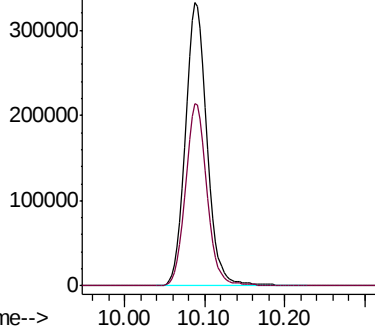
98 100

100 64.0 51.9 77.9

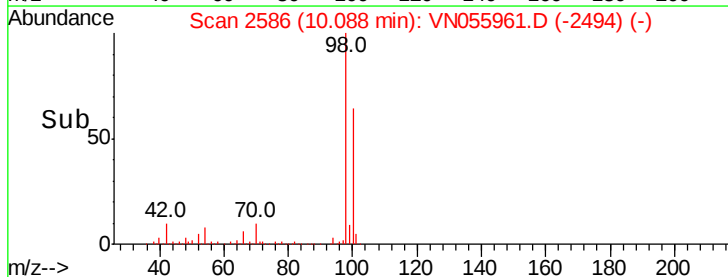


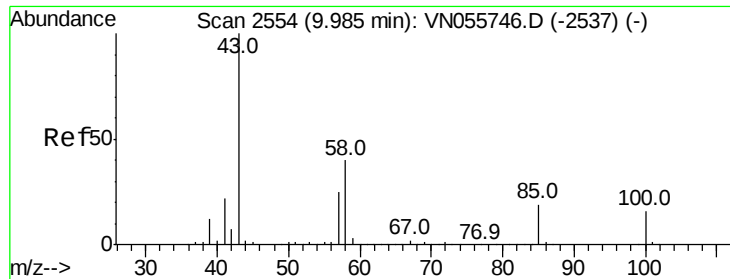
Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

10.09



Time-->





#51

4-Methyl-2-Pentanone

Concen: 0.261 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055961.D

Acq: 3 Jun 2019 15:05

Instrument :

MSVOA_N

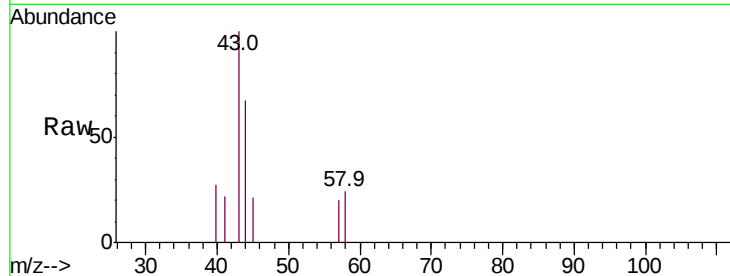
ClientSampled :

Tot Ion: 43 Resp: 1157

Ion Ratio Lower Upper

43 100

58 0.0 32.1 48.1#



Abundance Ion 43.00 (42.70 to 43.70): VN055746.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN055746.D (-2537) (-)

9.99

800

600

400

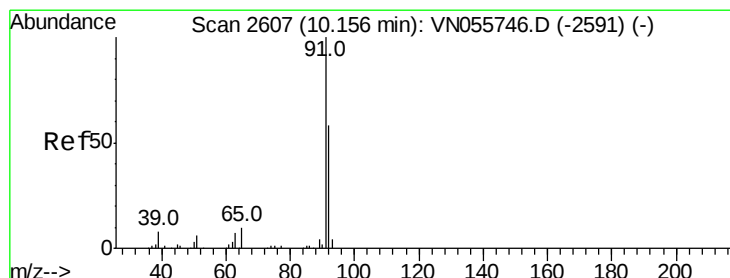
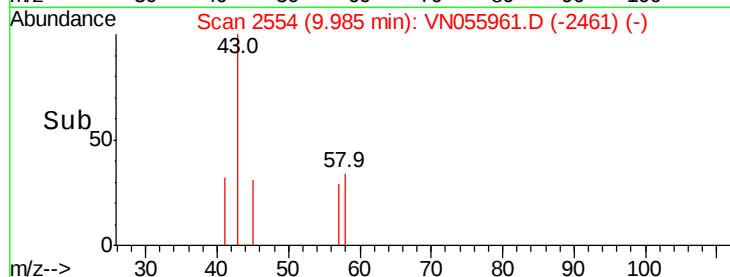
200

0

9.95

10.00

Time-->



#52

Toluene

Concen: 0.815 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN055961.D

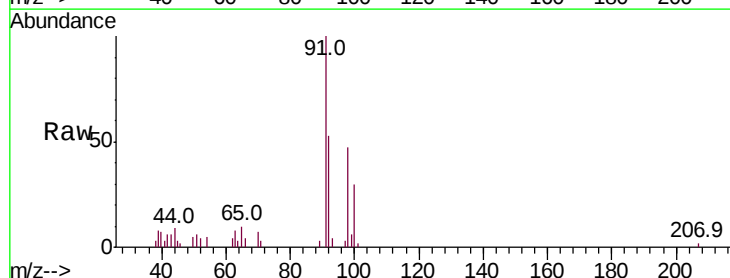
Acq: 3 Jun 2019 15:05

Tgt Ion: 92 Resp: 7130

Ion Ratio Lower Upper

92 100

91 177.6 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN055746.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VN055746.D (-2591) (-)

8000

6000

4000

2000

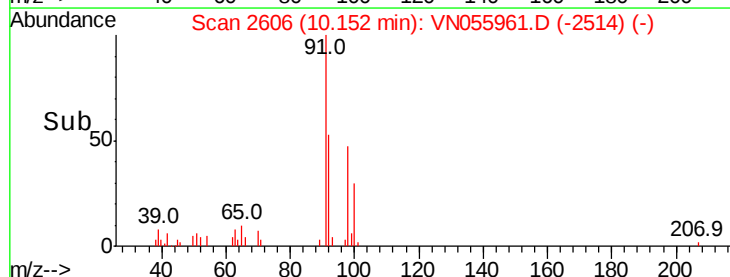
0

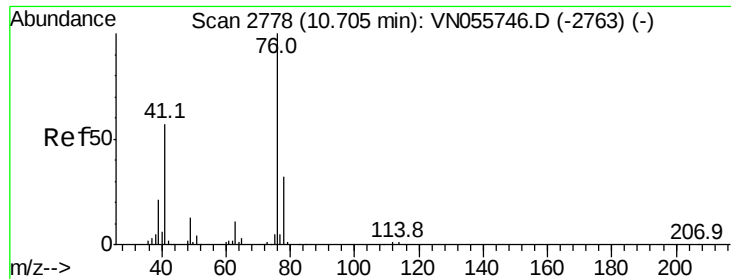
10.10

10.15

10.20

Time-->





#57

1,3-Dichloropropane

Concen: 2.042 ug/l

RT: 10.81 min Scan# 2809

Delta R.T. 0.10 min

Lab File: VN055961.D

Acq: 3 Jun 2019 15:05

Instrument :

MSVOA_N

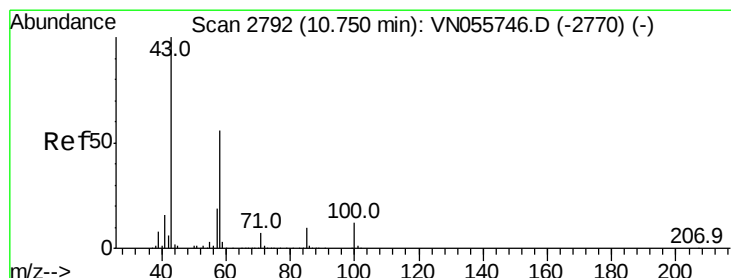
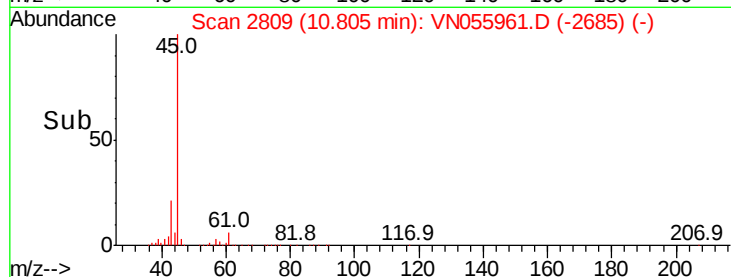
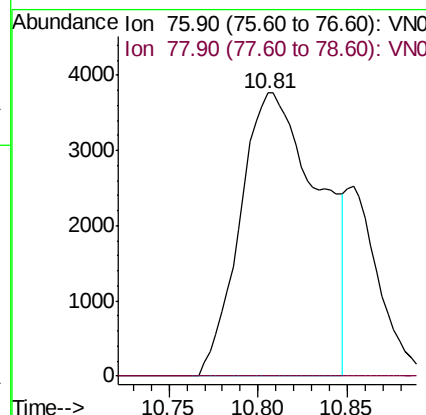
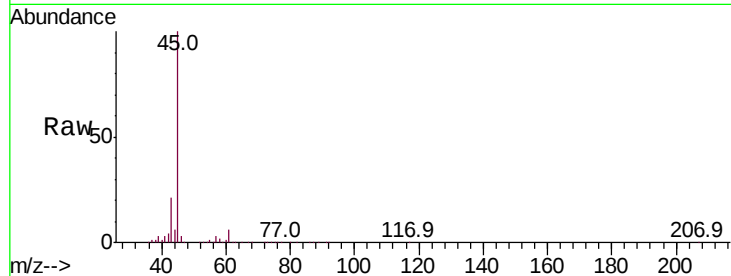
ClientSampled :

Tot Ion: 76 Resp: 11638

Ion Ratio Lower Upper

76 100

78 0.0 25.8 38.6#



#59

2-Hexanone

Concen: 132.757 ug/l

RT: 10.81 min Scan# 2809

Delta R.T. 0.05 min

Lab File: VN055961.D

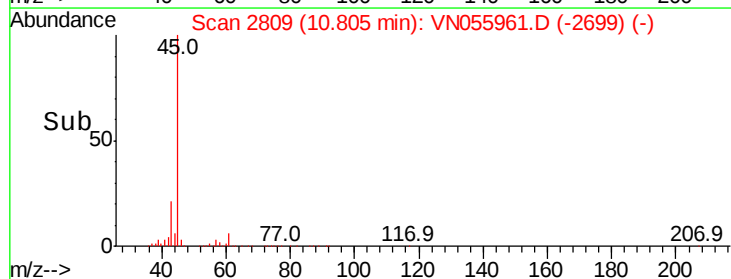
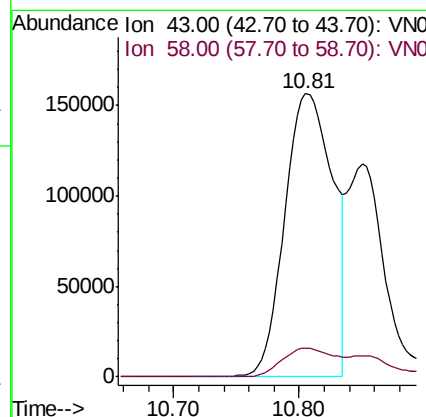
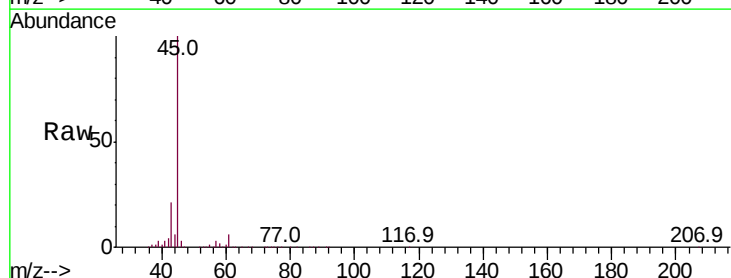
Acq: 3 Jun 2019 15:05

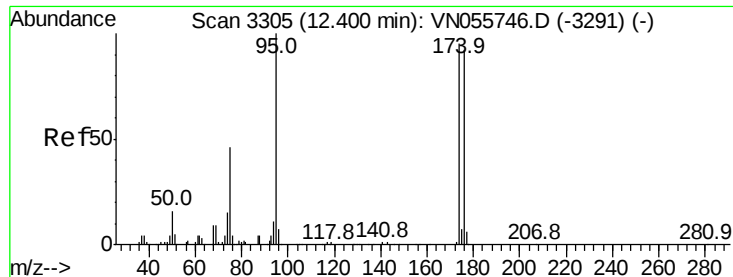
Tgt Ion: 43 Resp: 417063

Ion Ratio Lower Upper

43 100

58 11.4 28.2 84.7#





#62

4-Bromofluorobenzene

Concen: 49.331 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055961.D

Acq: 3 Jun 2019 15:05

Instrument :

MSVOA_N

ClientSampleId :

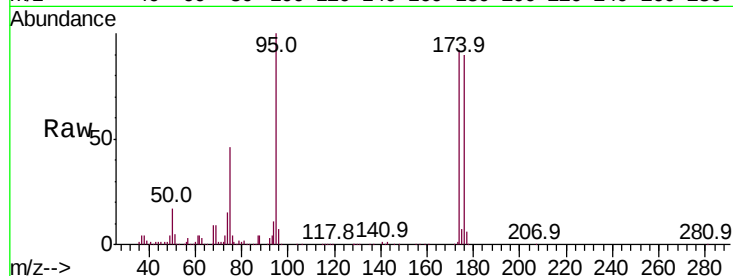
Tot Ion: 95 Resp: 217355

Ion Ratio Lower Upper

95 100

174 93.1 0.0 191.0

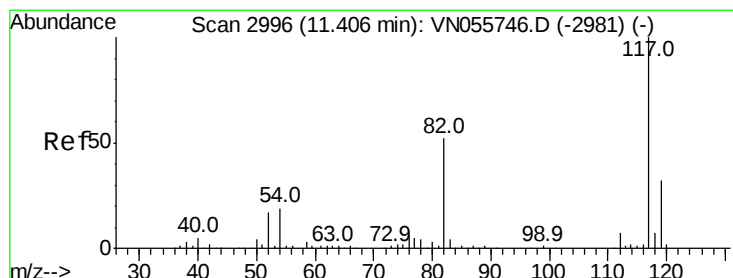
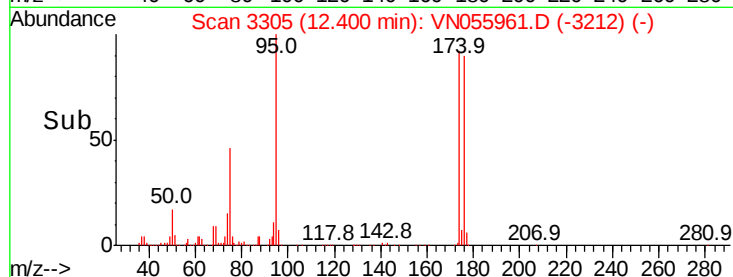
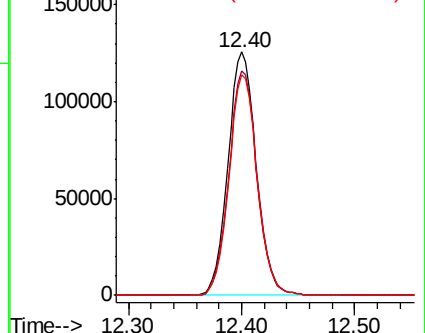
176 90.4 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055961.D

Acq: 3 Jun 2019 15:05

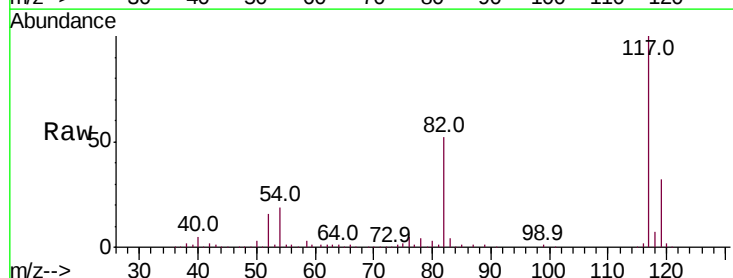
Tgt Ion: 117 Resp: 494287

Ion Ratio Lower Upper

117 100

82 52.4 41.8 62.8

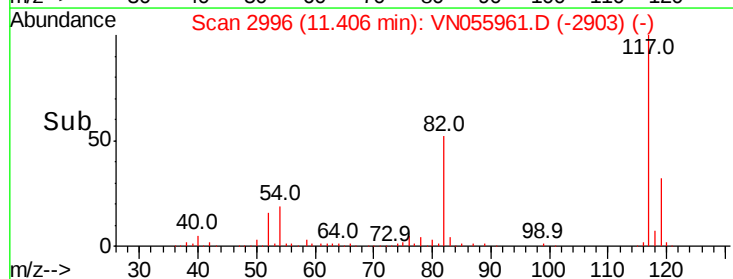
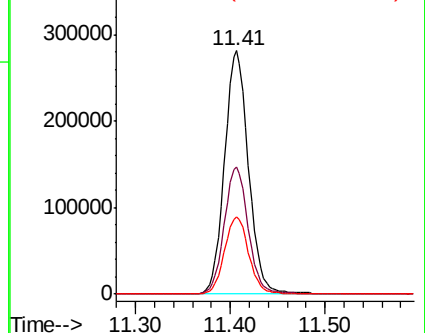
119 31.8 25.4 38.0

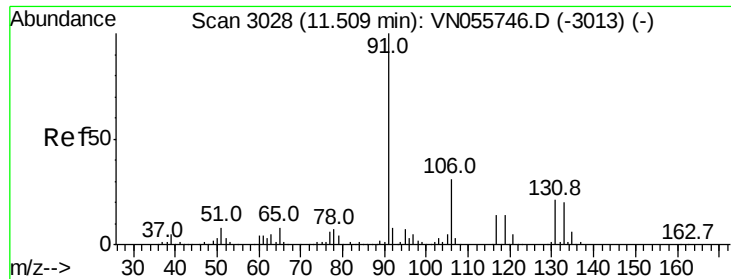


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

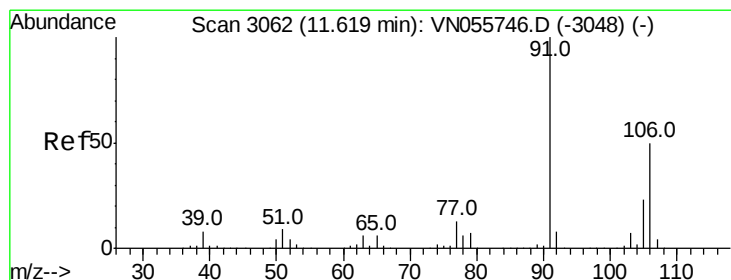
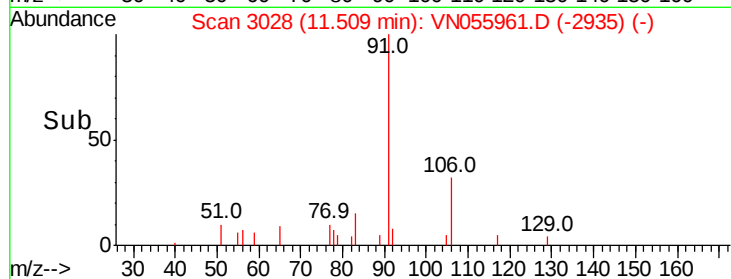
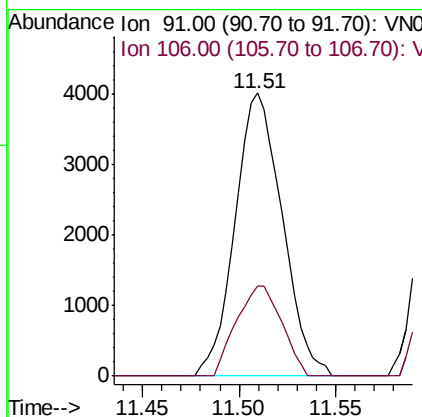
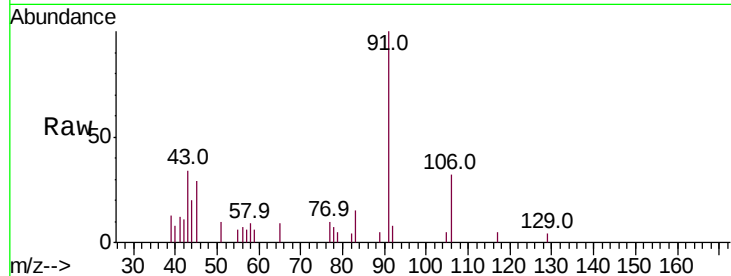




#67
Ethyl Benzene
Concen: 0.383 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055961.D
Acq: 3 Jun 2019 15:05

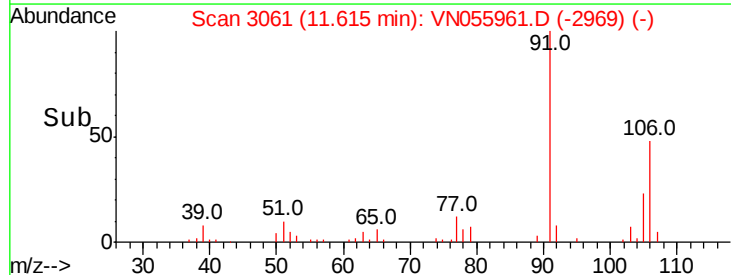
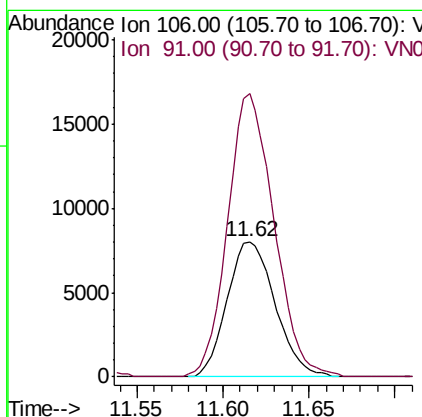
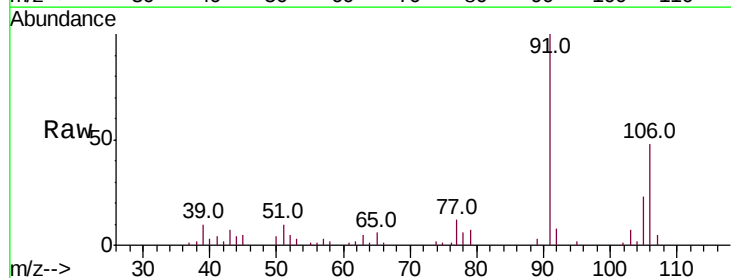
Instrument :
MSVOA_N
ClientSampled :

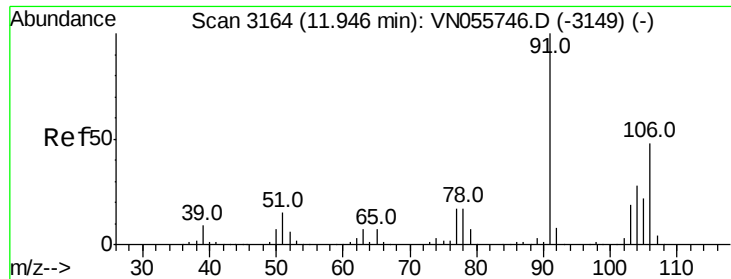
Tot Ion: 91 Resp: 6803
Ion Ratio Lower Upper
91 100
106 32.0 25.1 37.7



#68
m/p-Xylenes
Concen: 2.316 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN055961.D
Acq: 3 Jun 2019 15:05

Tgt Ion: 106 Resp: 15539
Ion Ratio Lower Upper
106 100
91 202.4 159.3 238.9

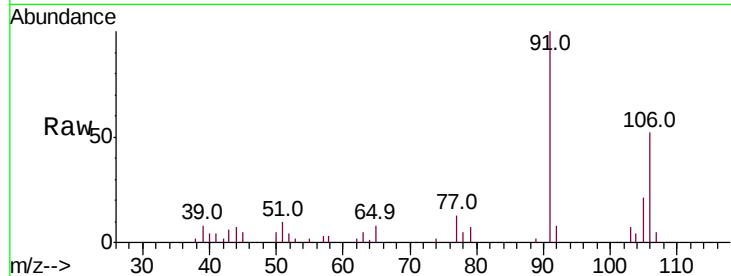




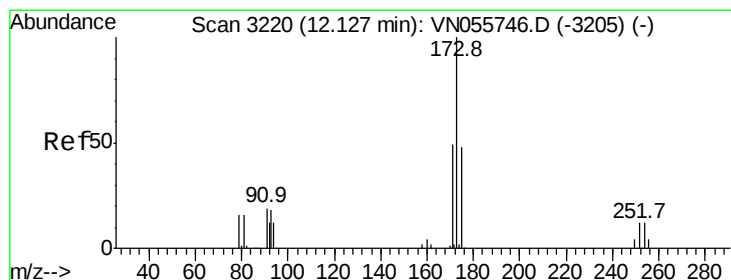
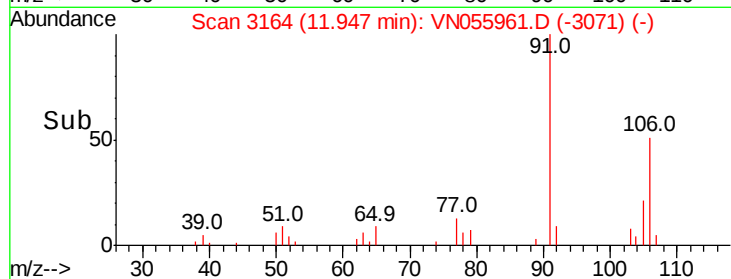
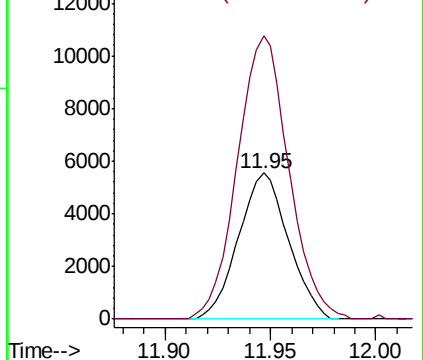
#69
o-Xylene
Concen: 1.374 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055961.D
Acq: 3 Jun 2019 15:05

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:106 Resp: 9144
Ion Ratio Lower Upper
106 100
91 199.1 104.7 314.1

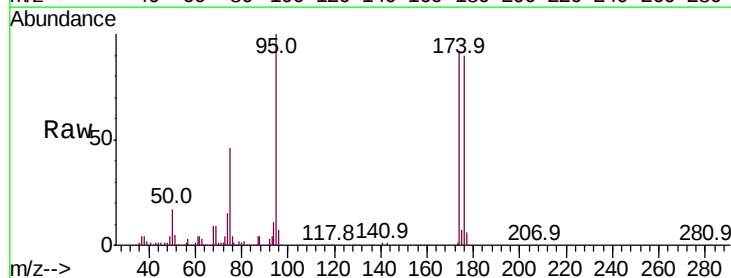


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

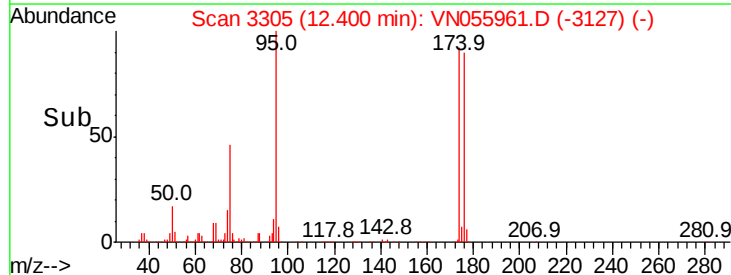
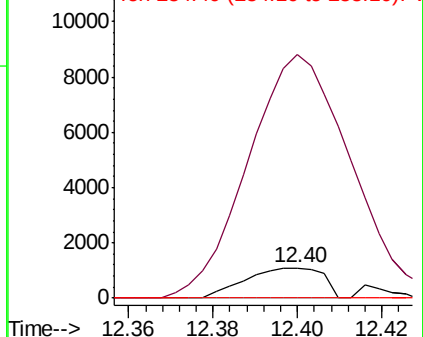


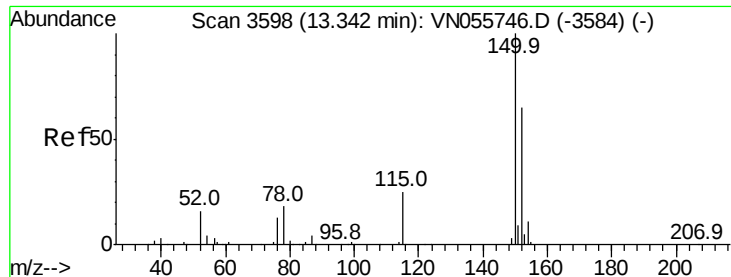
#71
Bromoform
Concen: 0.416 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN055961.D
Acq: 3 Jun 2019 15:05

Tgt Ion:173 Resp: 1401
Ion Ratio Lower Upper
173 100
175 939.5 24.3 72.8#
254 0.0 0.0 0.0



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



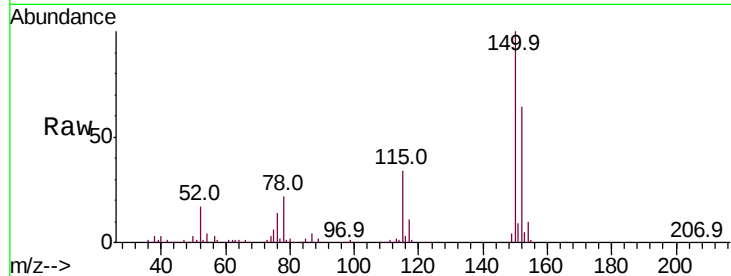


#72

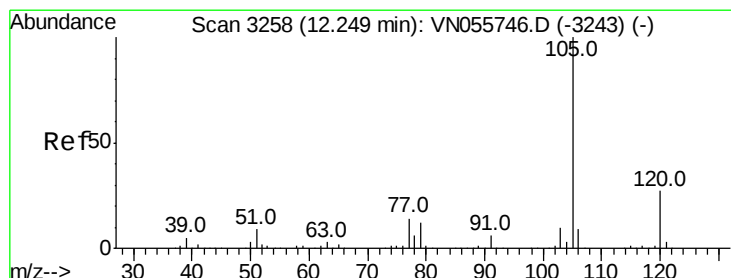
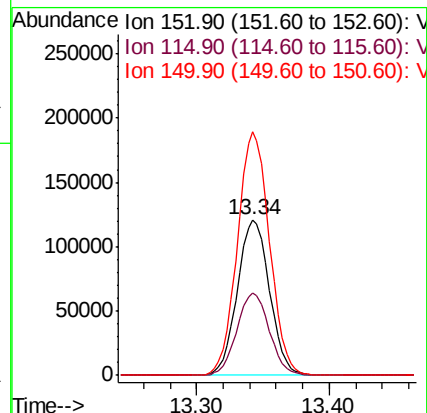
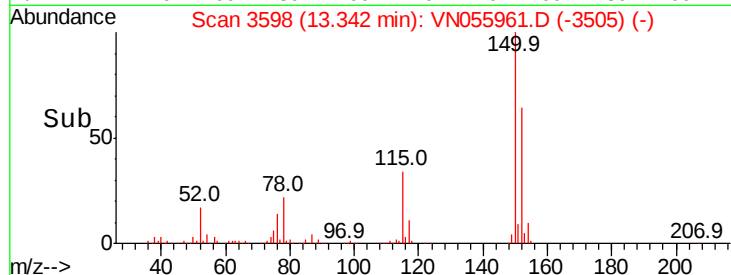
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055961.D
Acq: 3 Jun 2019 15:05

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:152 Resp: 203765
Ion Ratio Lower Upper
152 100
115 53.2 27.0 81.0
150 155.7 0.0 343.2



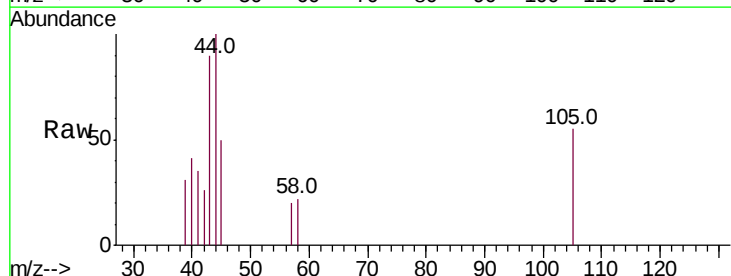
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



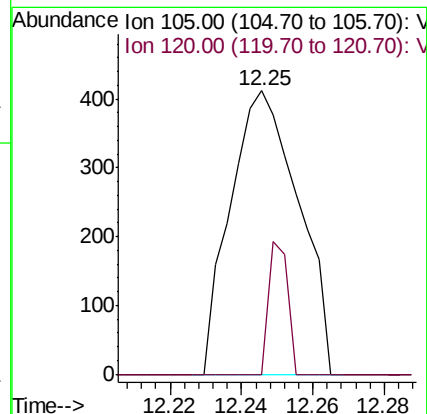
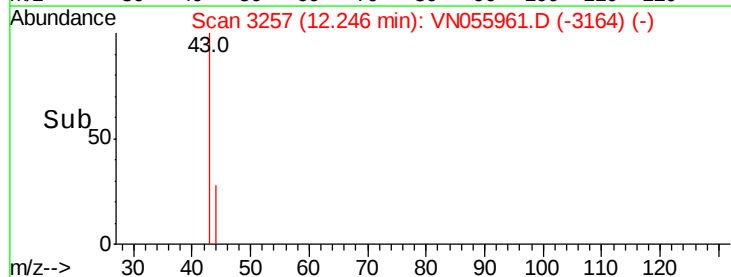
#73

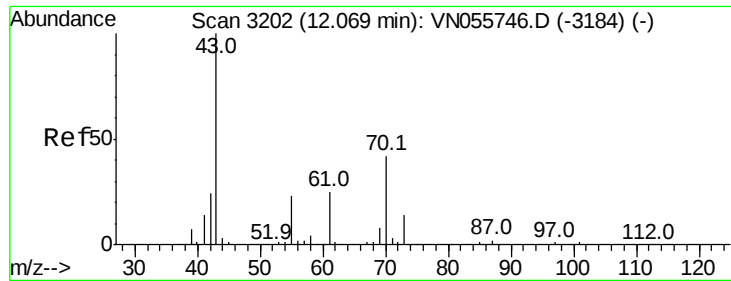
Isopropylbenzene
Concen: Below Cal
RT: 12.25 min Scan# 3257
Delta R.T. -0.00 min
Lab File: VN055961.D
Acq: 3 Jun 2019 15:05

Tgt Ion:105 Resp: 543
Ion Ratio Lower Upper
105 100
120 13.1 13.6 40.7#



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





#74

N-amvl acetate

Concen: 3.513 ug/l

RT: 12.03 min Scan# 3189

Delta R.T. -0.04 min

Lab File: VN055961.D

Acq: 3 Jun 2019 15:05

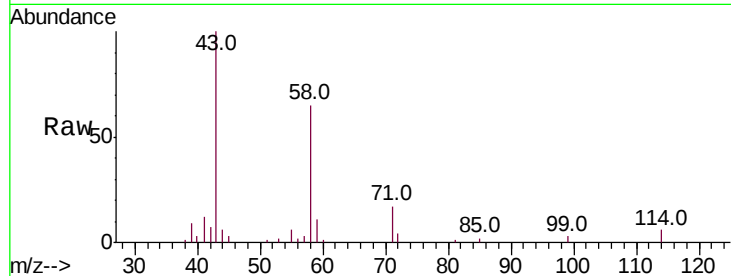
Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 43 Resp: 31075

Ion	Ratio	Lower	Upper
43	100		
70	0.3	34.0	51.0#
55	0.0	18.6	28.0#
61	0.0	20.0	30.0#

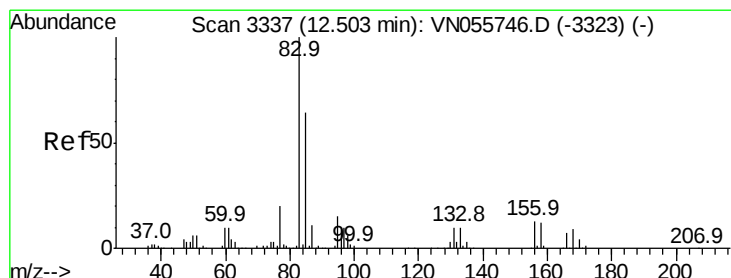
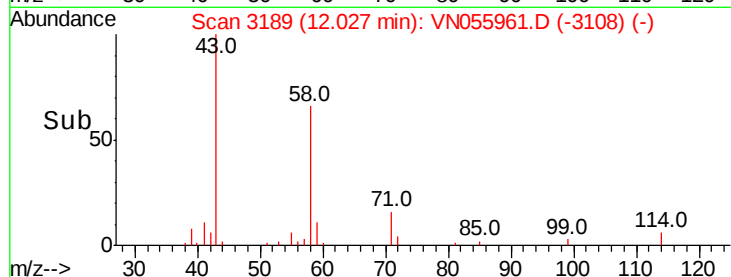


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.36 min Scan# 3294

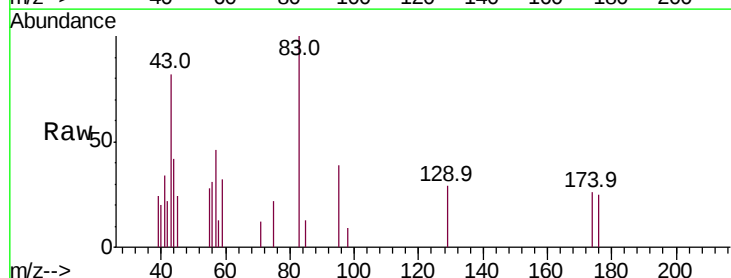
Delta R.T. -0.14 min

Lab File: VN055961.D

Acq: 3 Jun 2019 15:05

Tgt Ion: 83 Resp: 2783

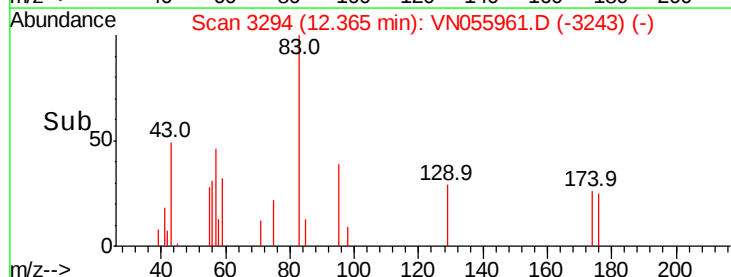
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.4	16.2#
85	5.7	32.4	97.0#

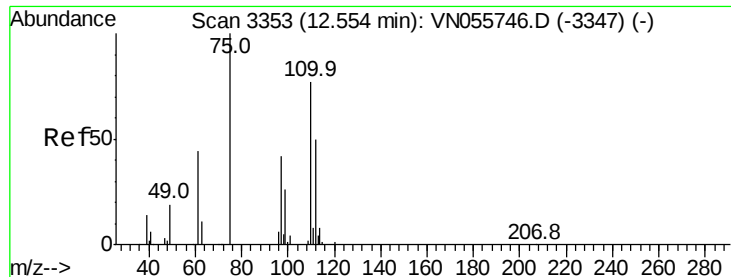


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 26.673 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055961.D

Acq: 3 Jun 2019 15:05

Instrument :

MSVOA_N

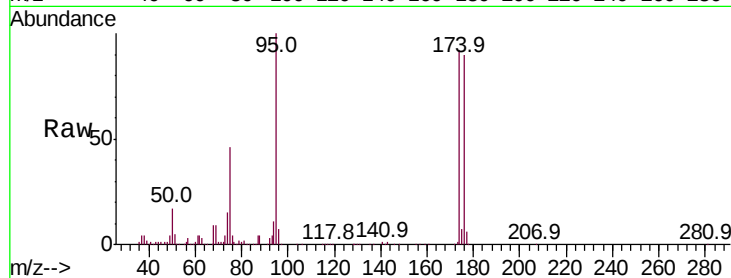
ClientSampleId :

Tot Ion: 75 Resp: 98741

Ion Ratio Lower Upper

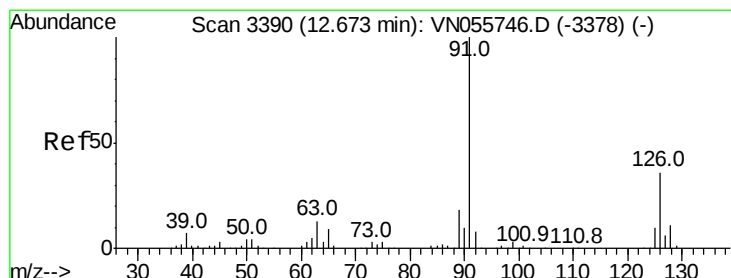
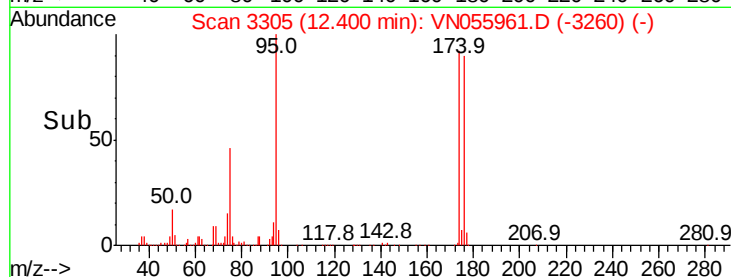
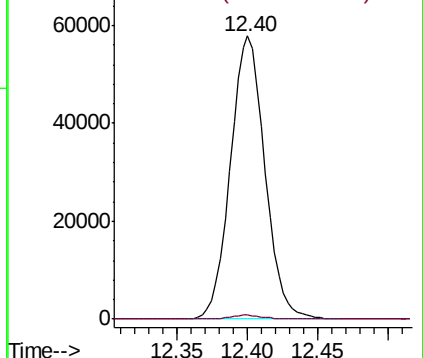
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.68 min Scan# 3392

Delta R.T. 0.01 min

Lab File: VN055961.D

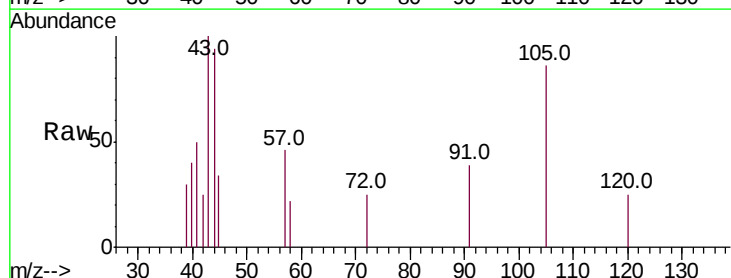
Acq: 3 Jun 2019 15:05

Tgt Ion: 91 Resp: 253

Ion Ratio Lower Upper

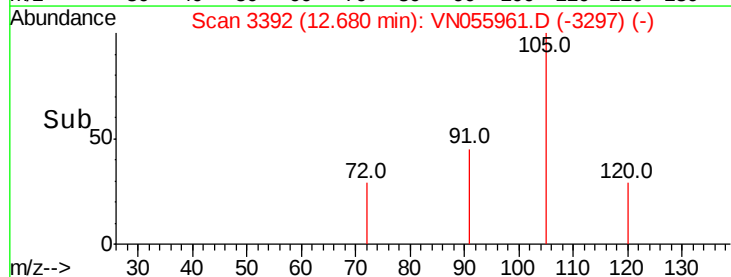
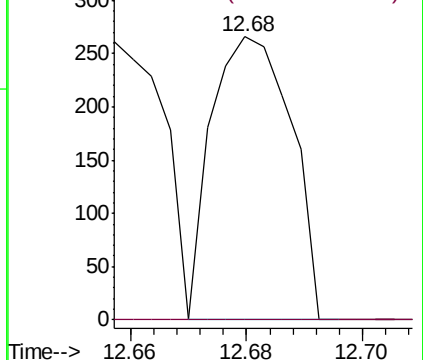
91 100

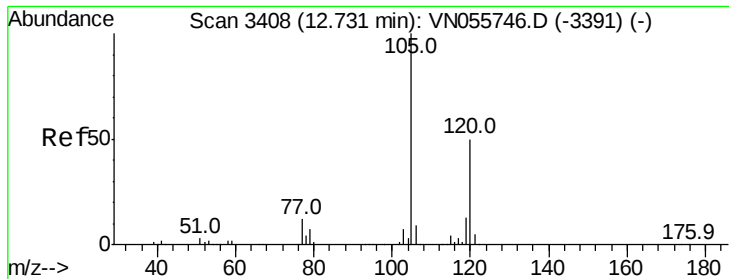
126 0.0 18.1 54.4#



Abundance Ion 91.00 (90.70 to 91.70): VNO

Ion 125.90 (125.60 to 126.60): VNO





#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055961.D

Acq: 3 Jun 2019 15:05

Instrument :

MSVOA_N

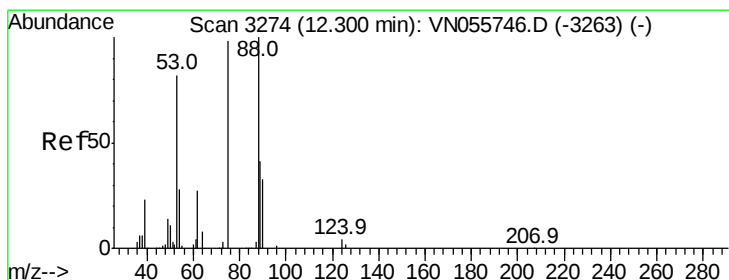
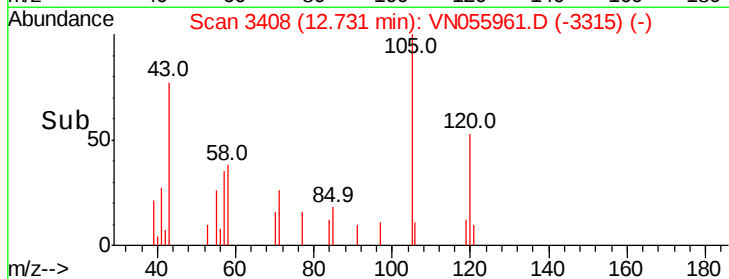
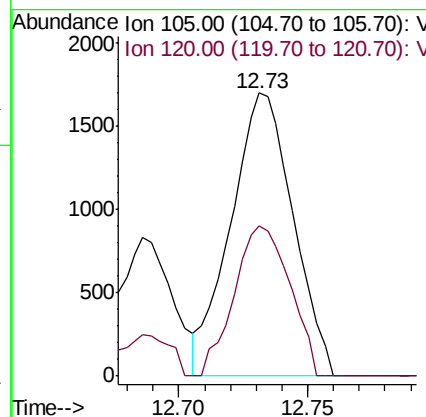
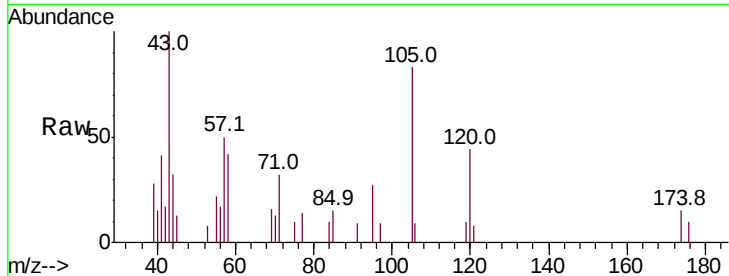
ClientSampleId :

Tot Ion:105 Resp: 2860

Ion Ratio Lower Upper

105 100

120 47.6 24.7 74.1



#81

trans-1,4-Dichloro-2-butene

Concen: 65.200 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055961.D

Acq: 3 Jun 2019 15:05

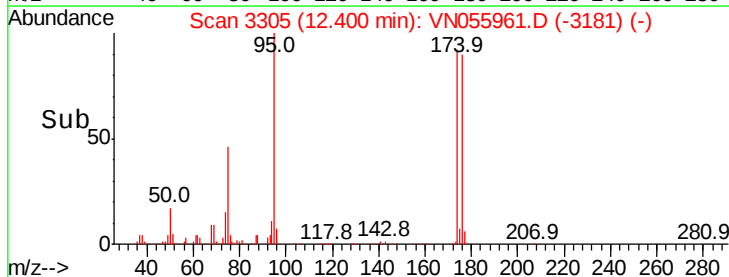
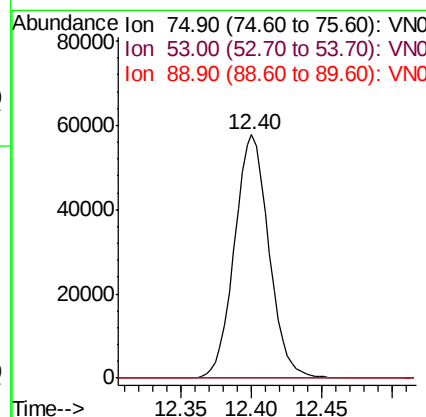
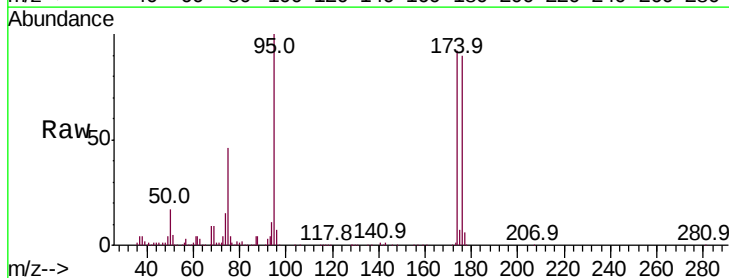
Tgt Ion: 75 Resp: 98741

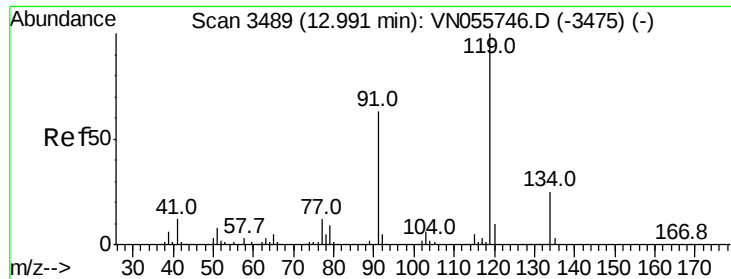
Ion Ratio Lower Upper

75 100

53 0.1 68.1 102.1#

89 0.0 36.9 55.3#

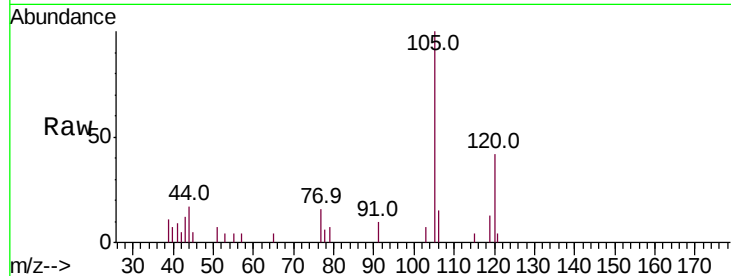




#83
tert-Butylbenzene
Concen: Below Cal
RT: 13.04 min Scan# 3504
Delta R.T. 0.05 min
Lab File: VN055961.D
Acq: 3 Jun 2019 15:05

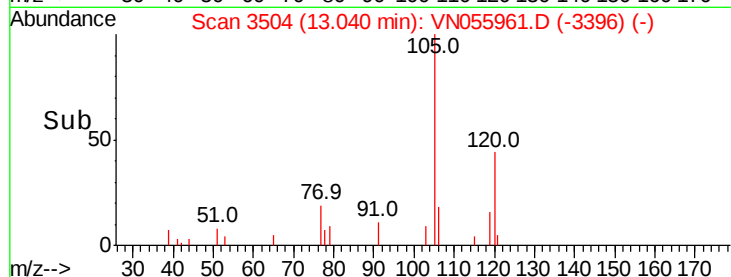
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:119 Resp: 837
Ion Ratio Lower Upper
119 100
91 78.1 30.9 92.8
134 0.0 13.3 39.8#

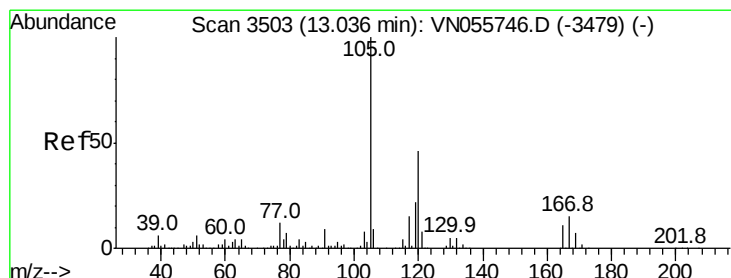


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

13.04

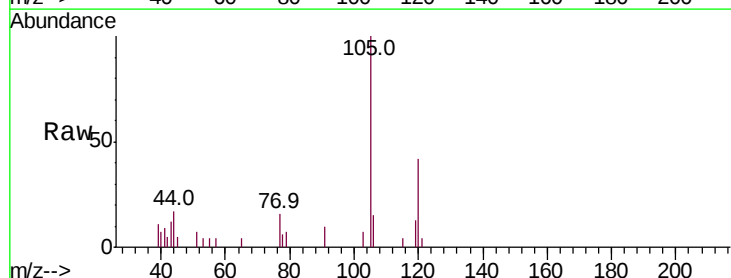


Time--> 13.00 13.05



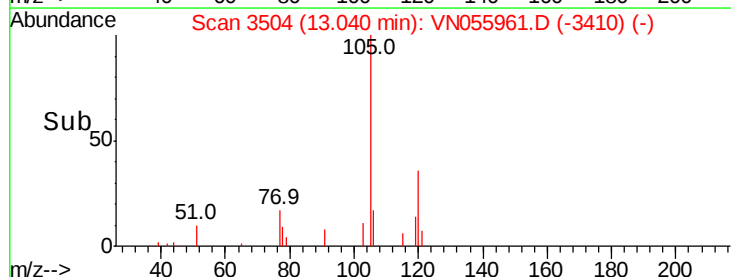
#84
1,2,4-Trimethylbenzene
Concen: Below Cal
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN055961.D
Acq: 3 Jun 2019 15:05

Tgt Ion:105 Resp: 8548
Ion Ratio Lower Upper
105 100
120 35.4 23.0 69.0

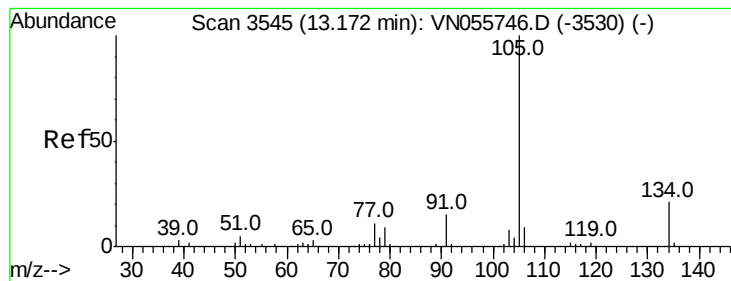


Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

13.04



Time--> 13.00 13.05 13.10



#85

sec-Butylbenzene

Concen: Below Cal

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN055961.D

Acq: 3 Jun 2019 15:05

Instrument :

MSVOA_N

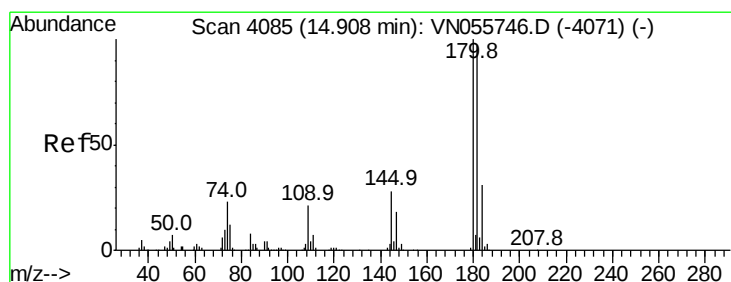
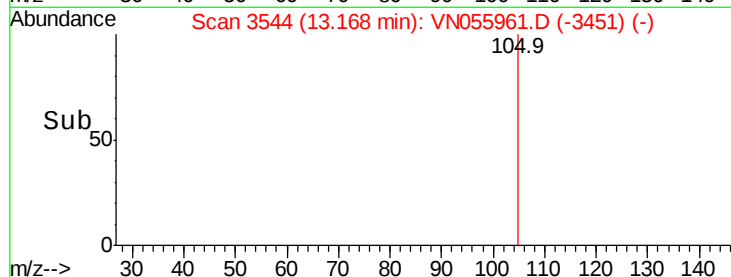
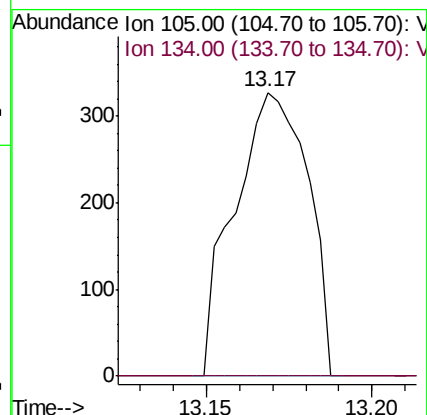
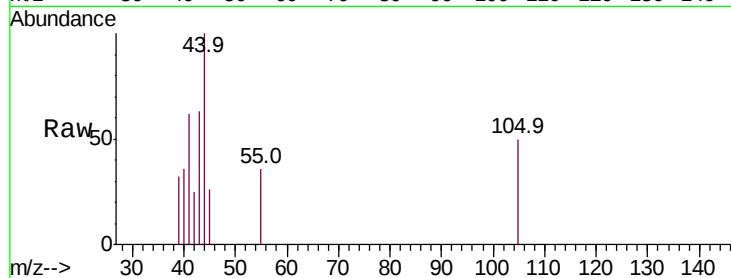
ClientSampled :

Tot Ion:105 Resp: 505

Ion Ratio Lower Upper

105 100

134 0.0 10.4 31.2#



#93

1,2,4-Trichlorobenzene

Concen: 3.714 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN055961.D

Acq: 3 Jun 2019 15:05

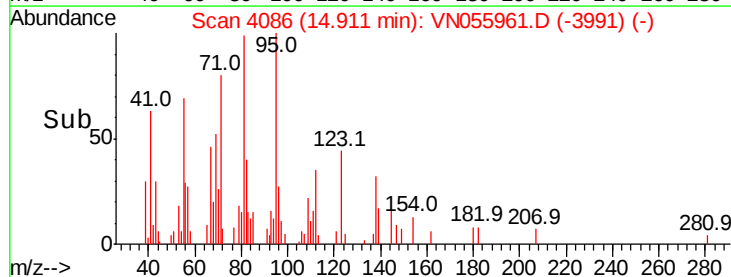
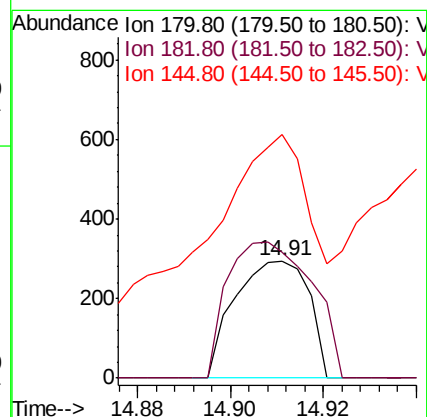
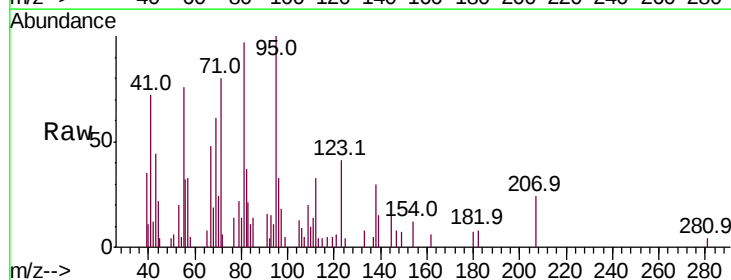
Tgt Ion:180 Resp: 327

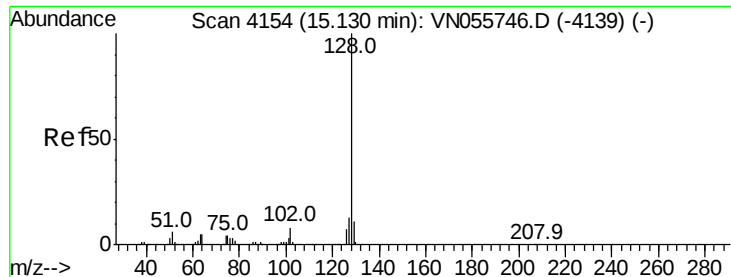
Ion Ratio Lower Upper

180 100

182 132.4 48.3 144.9

145 338.8 14.0 41.9#





#95

Naphthalene

Concen: 11.145 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055961.D

Acq: 3 Jun 2019 15:05

Instrument :

MSVOA_N

ClientSampleId :

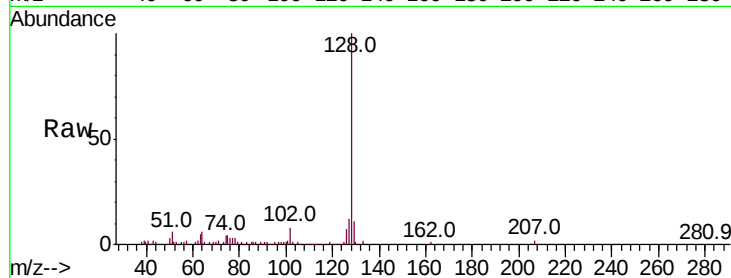
Tot Ion:128 Resp: 105054

Ion Ratio Lower Upper

128 100

127 12.4 10.3 15.5

129 11.3 8.7 13.1



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

