

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030620\
 Data File : VN060380.D
 Acq On : 6 Mar 2020 15:06
 Operator : JC/MD
 Sample : L1802-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 07 00:56:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	204857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	333470	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	312197	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	148755	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	131162	49.90	ug/l	0.00
Spiked Amount			Recovery	=	99.80%	
35) Dibromofluoromethane	7.56	113	96365	62.26	ug/l	0.00
Spiked Amount			Recovery	=	124.52%	
50) Toluene-d8	10.08	98	410169	52.36	ug/l	0.00
Spiked Amount			Recovery	=	104.72%	
62) 4-Bromofluorobenzene	12.40	95	153761	51.78	ug/l	0.00
Spiked Amount			Recovery	=	103.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	2.16	62	1026	0.366	ug/l	98
8) Diethyl Ether	3.38	74	8217	6.074	ug/l	92
11) Tert butyl alcohol	4.73	59	1851461	4743.987	ug/l	100
14) Allyl chloride	4.23	41	17546	4.835	ug/l #	42
15) Acrylonitrile	4.73	53	14158	13.763	ug/l #	20
16) Acetone	3.79	43	7215	8.501	ug/l	95
19) Methyl tert-butyl Ether	5.00	73	12992	1.818	ug/l	98
25) 2-Butanone	6.78	43	73294	53.461	ug/l #	73
26) 2,2-Dichloropropane	6.78	77	97974	25.865	ug/l #	53
27) cis-1,2-Dichloroethene	6.80	96	1264	0.468	ug/l #	1
28) Bromochloromethane	7.17	49	384	0.225	ug/l #	14
29) Tetrahydrofuran	7.18	42	536372	562.623	ug/l	100
31) Cyclohexane	7.64	56	4453	Below Cal	#	1
37) Ethyl Acetate	6.88	43	4361	1.449	ug/l #	68
38) Carbon Tetrachloride	7.64	117	19583	6.329	ug/l #	15
40) Benzene	8.02	78	22073	2.386	ug/l	98
41) Methacrylonitrile	7.18	41	308892	222.304	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	2270	0.680	ug/l #	76
43) Isopropyl Acetate	8.10	43	7580	1.439	ug/l #	56
49) 1,4-Dioxane	9.18	88	1013	29.984	ug/l #	21
51) 4-Methyl-2-Pentanone	10.09	43	9501	3.181	ug/l	95
52) Toluene	10.14	92	10075	1.734	ug/l	100
55) 1,1,2-Trichloroethane	10.44	97	1452	0.621	ug/l #	24
59) 2-Hexanone	10.59	43	7097	3.236	ug/l	69
65) Chlorobenzene	11.42	112	2978	0.472	ug/l	98
67) Ethyl Benzene	11.50	91	5251	0.457	ug/l	96
68) m/p-Xylenes	11.61	106	26377	6.090	ug/l	98
69) o-Xylene	11.94	106	23865	5.778	ug/l	99
70) Styrene	11.95	104	2508	0.369	ug/l #	1
74) N-amyl acetate	12.01	43	974	0.202	ug/l #	17
76) 1,2,3-Trichloropropane	12.40	75	79650	24.405	ug/l #	100
79) 2-Chlorotoluene	12.65	91	2262	0.298	ug/l #	53
80) 1,3,5-Trimethylbenzene	12.73	105	7380	0.795	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.40	75	79650	67.369	ug/l #	8

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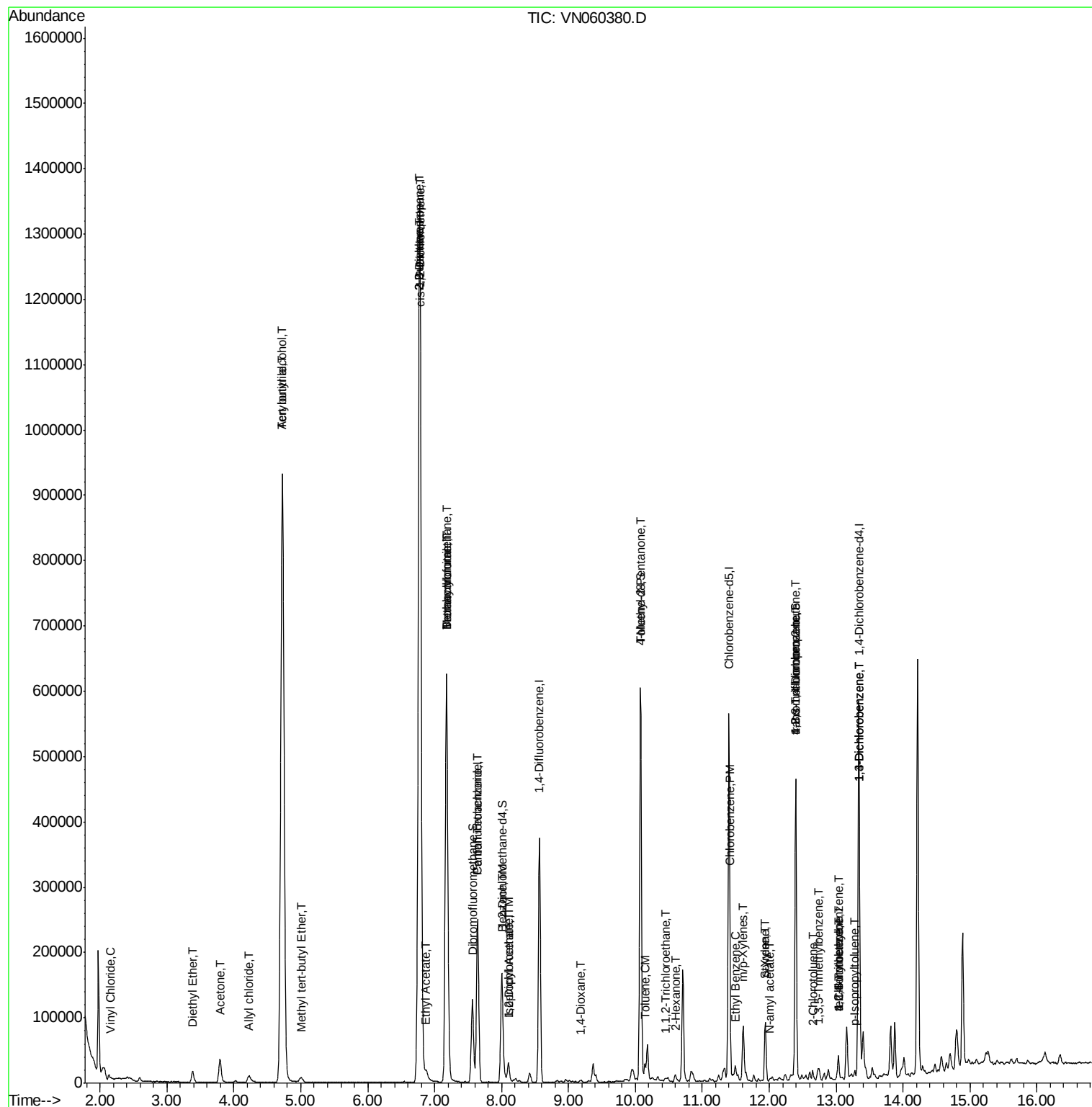
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	13.03	91	1829	0.229	ug/l	99
83) tert-Butylbenzene	13.03	119	2124	0.264	ug/l #	68
84) 1,2,4-Trimethylbenzene	13.04	105	17288	1.845	ug/l	96
86) p-Isopropyltoluene	13.28	119	4904	0.492	ug/l	94
87) 1,3-Dichlorobenzene	13.36	146	10600	2.101	ug/l #	85
88) 1,4-Dichlorobenzene	13.36	146	10600	1.965	ug/l #	85
95) Naphthalene	15.13	128	1318	Below Cal	#	72
96) 1,2,3-Trichlorobenzene	15.31	180	145	Below Cal	#	12

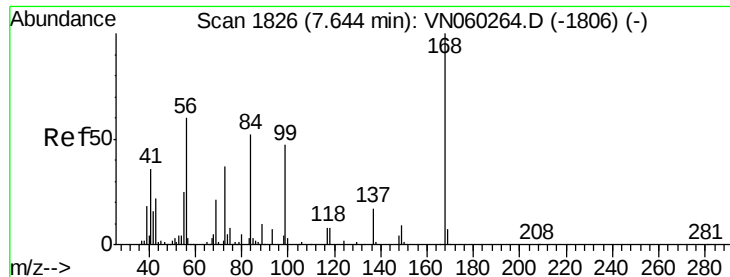
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN030620\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060380.D

Acq: 6 Mar 2020 15:06

Instrument :

MSVOA_N

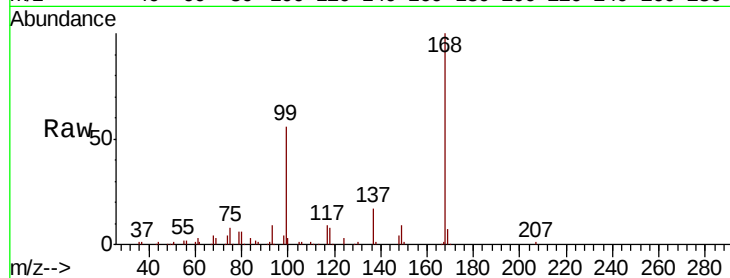
ClientSampled :

Tot Ion:168 Resp: 204857

Ion Ratio Lower Upper

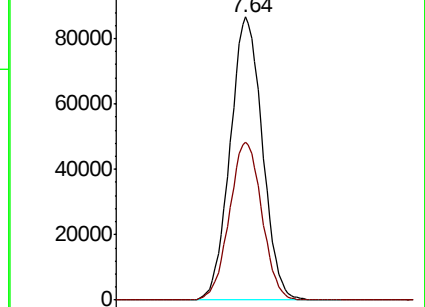
168 100

99 55.9 44.7 67.1

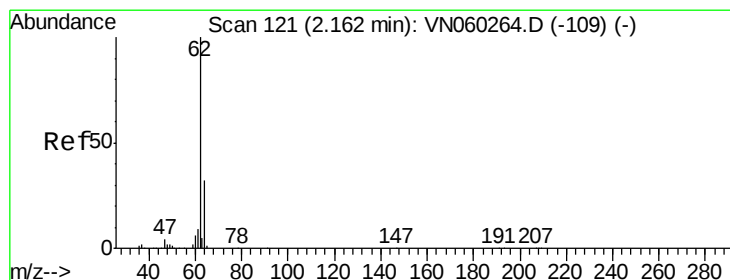
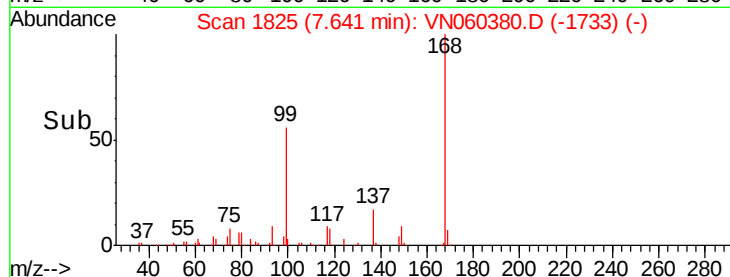


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



Time-->



#4

Vinyl Chloride

Concen: 0.366 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN060380.D

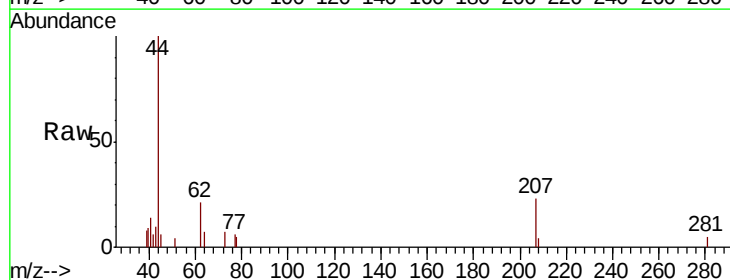
Acq: 6 Mar 2020 15:06

Tgt Ion: 62 Resp: 1026

Ion Ratio Lower Upper

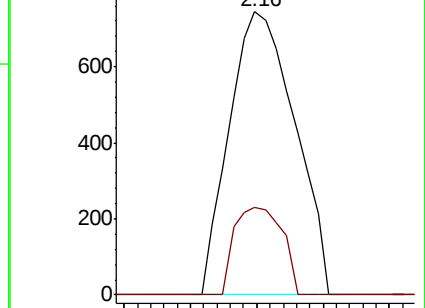
62 100

64 30.8 25.5 38.3

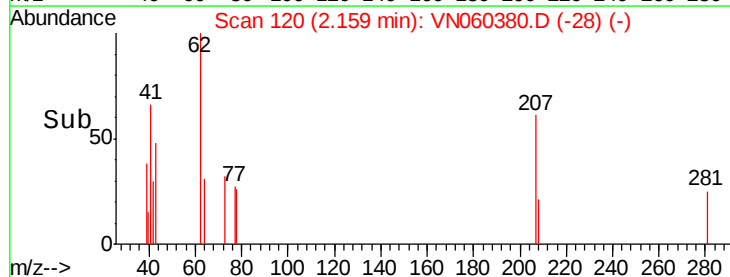


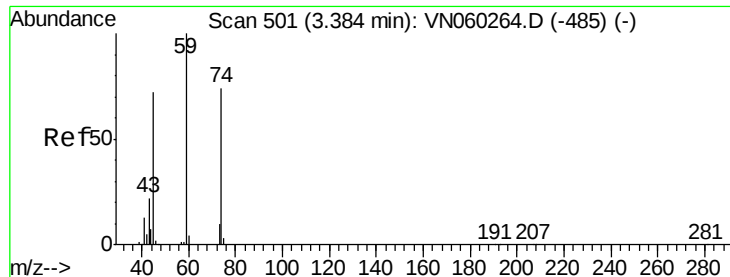
Abundance Ion 61.90 (61.60 to 62.60): VN

Ion 63.90 (63.60 to 64.60): VN



Time-->





#8

Diethyl Ether

Concen: 6.074 ug/l

RT: 3.38 min Scan# 501

Delta R.T. 0.00 min

Lab File: VN060380.D

Acq: 6 Mar 2020 15:06

Instrument :

MSVOA_N

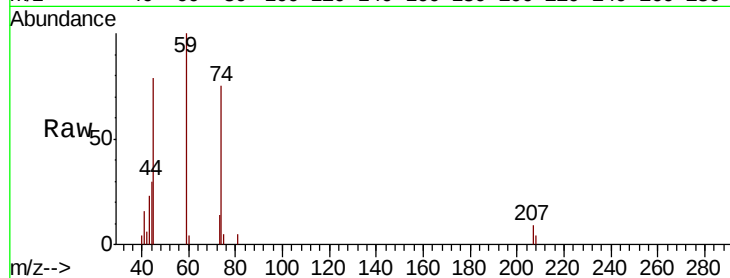
ClientSampleId :

Tot Ion: 74 Resp: 8217

Ion Ratio Lower Upper

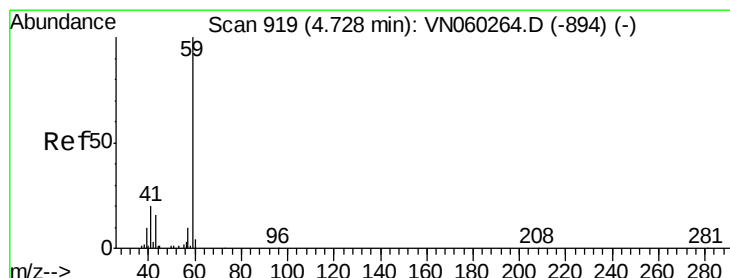
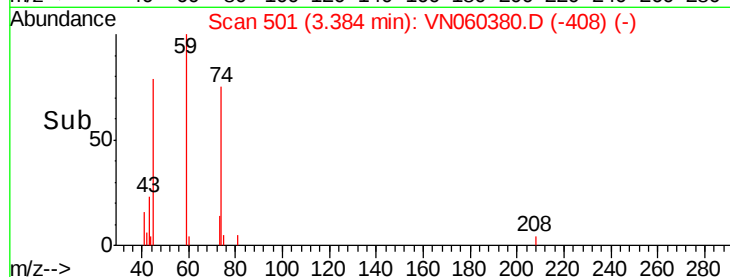
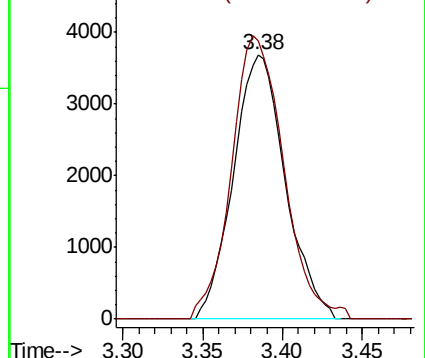
74 100

45 107.4 49.5 148.7



Abundance Ion 74.00 (73.70 to 74.70): VN060264.D (-485) (-)

Ion 45.00 (44.70 to 45.70): VN060264.D (-485) (-)



#11

Tert butyl alcohol

Concen: 4743.987 ug/l

RT: 4.73 min Scan# 918

Delta R.T. -0.00 min

Lab File: VN060380.D

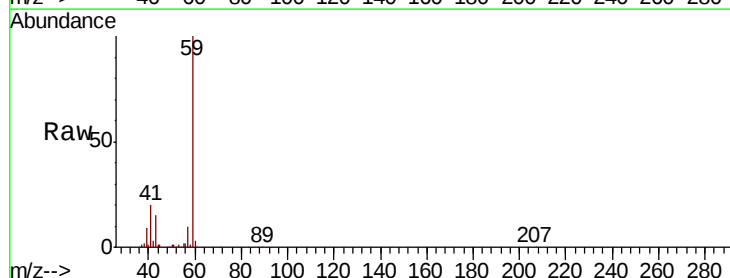
Acq: 6 Mar 2020 15:06

Tgt Ion: 59 Resp: 1851461

Ion Ratio Lower Upper

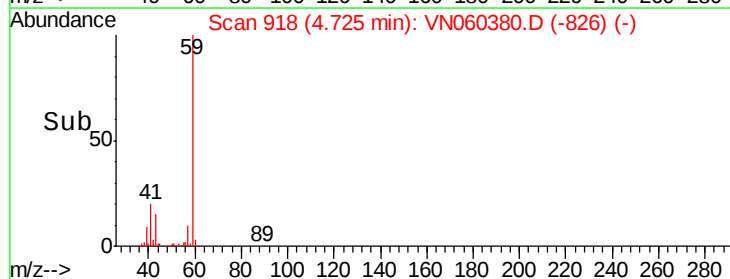
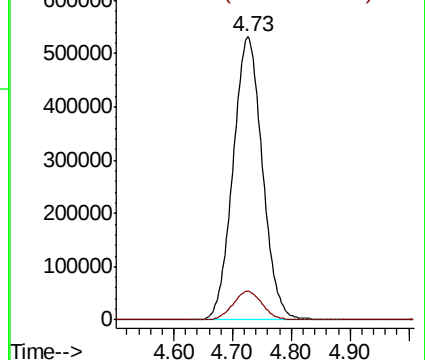
59 100

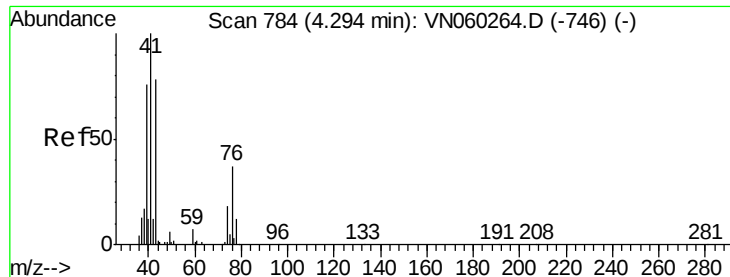
57 10.2 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VN060264.D (-894) (-)

Ion 57.00 (56.70 to 57.70): VN060264.D (-894) (-)





#14

Allvl chloride

Concen: 4.835 ug/l

RT: 4.23 min Scan# 763

Delta R.T. -0.07 min

Lab File: VN060380.D

Acq: 6 Mar 2020 15:06

Instrument :

MSVOA_N

ClientSampleId :

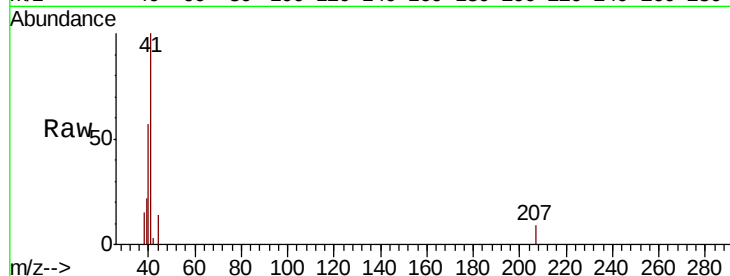
Tot Ion: 41 Resp: 17546

Ion Ratio Lower Upper

41 100

39 21.8 55.4 83.2#

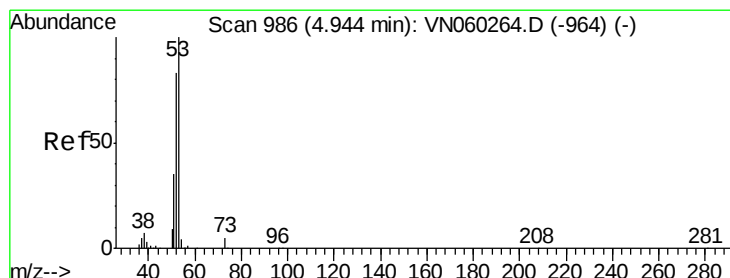
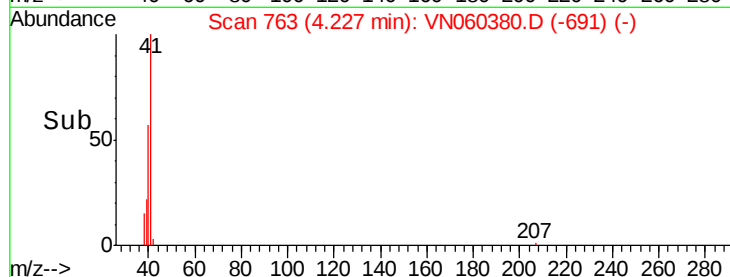
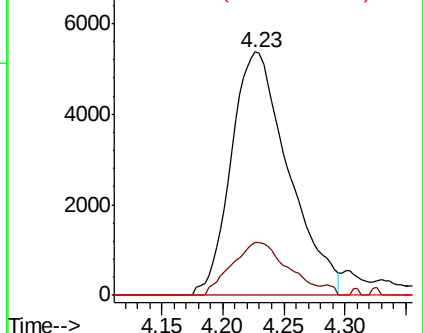
76 0.0 27.0 40.6#



Abundance Ion 41.00 (40.70 to 41.70): VN060380.D (-763) (-)

Ion 39.00 (38.70 to 39.70): VN060380.D (-763) (-)

Ion 75.90 (75.60 to 76.60): VN060380.D (-763) (-)



#15

Acrylonitrile

Concen: 13.763 ug/l

RT: 4.73 min Scan# 919

Delta R.T. -0.22 min

Lab File: VN060380.D

Acq: 6 Mar 2020 15:06

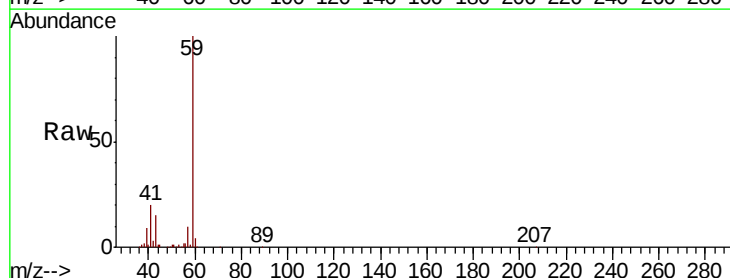
Tgt Ion: 53 Resp: 14158

Ion Ratio Lower Upper

53 100

52 23.0 66.8 100.2#

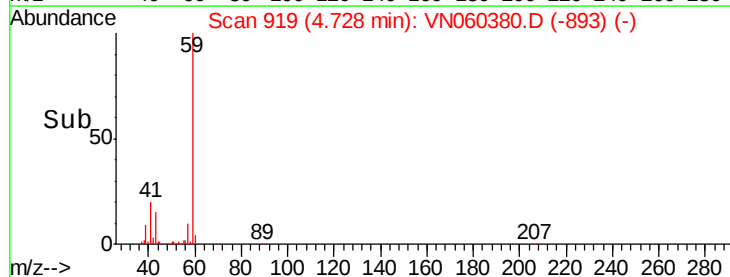
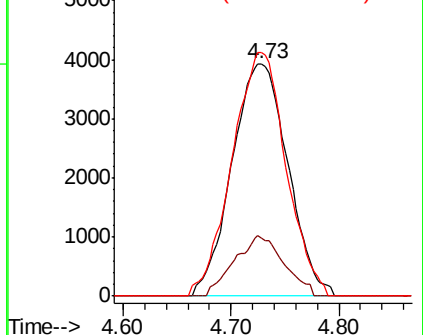
51 101.4 29.0 43.6#

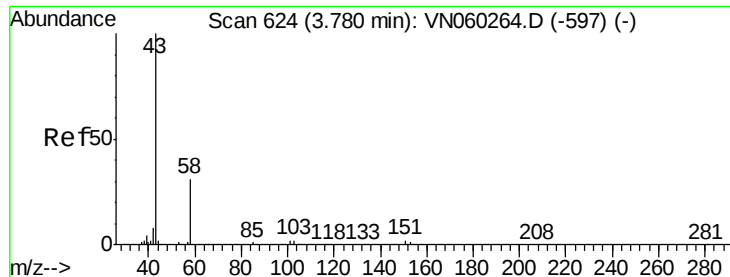


Abundance Ion 53.00 (52.70 to 53.70): VN060380.D (-919) (-)

Ion 52.00 (51.70 to 52.70): VN060380.D (-919) (-)

Ion 51.00 (50.70 to 51.70): VN060380.D (-919) (-)





#16

Acetone

Concen: 8.501 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060380.D

Acq: 6 Mar 2020 15:06

Instrument :

MSVOA_N

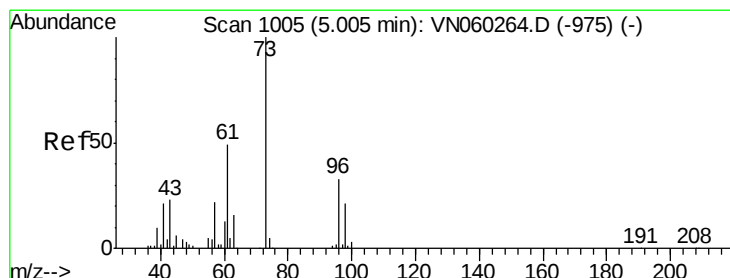
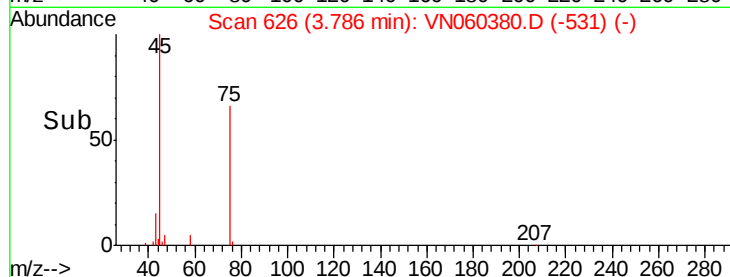
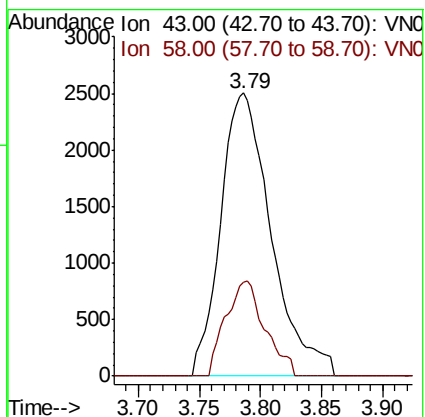
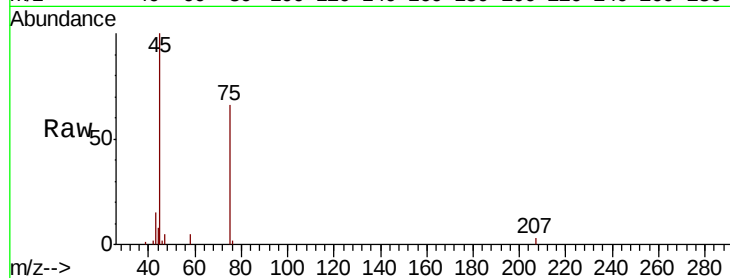
ClientSampleId :

Tot Ion: 43 Resp: 7215

Ion Ratio Lower Upper

43 100

58 33.3 24.6 36.8



#19

Methyl tert-butyl Ether

Concen: 1.818 ug/l

RT: 5.00 min Scan# 1003

Delta R.T. -0.01 min

Lab File: VN060380.D

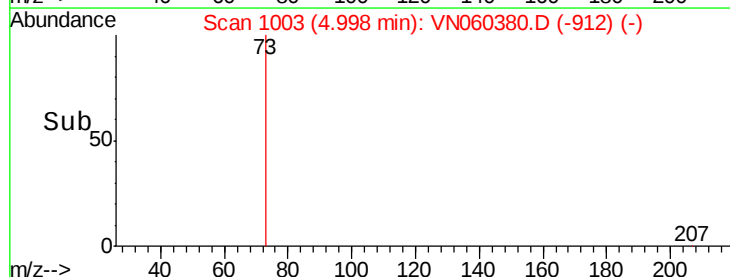
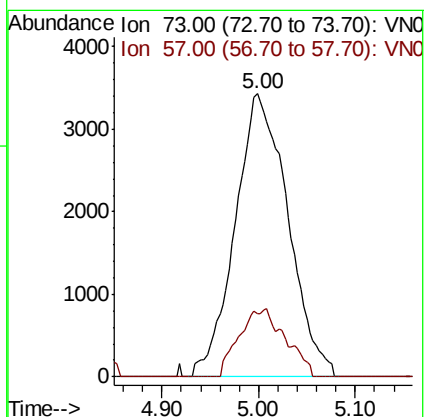
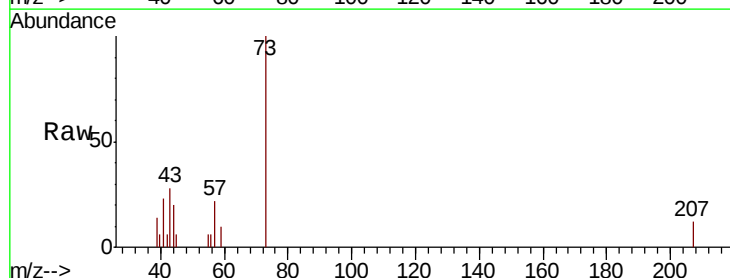
Acq: 6 Mar 2020 15:06

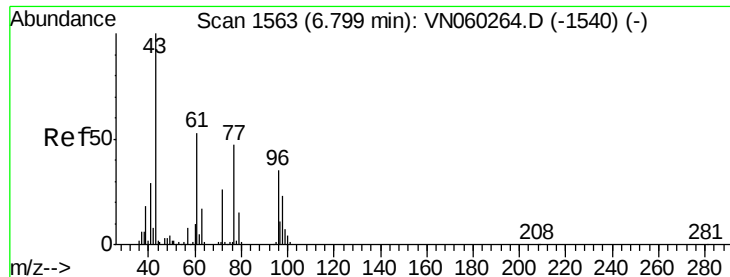
Tgt Ion: 73 Resp: 12992

Ion Ratio Lower Upper

73 100

57 22.5 17.3 25.9

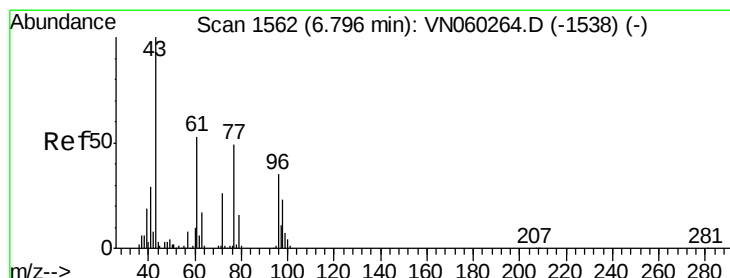
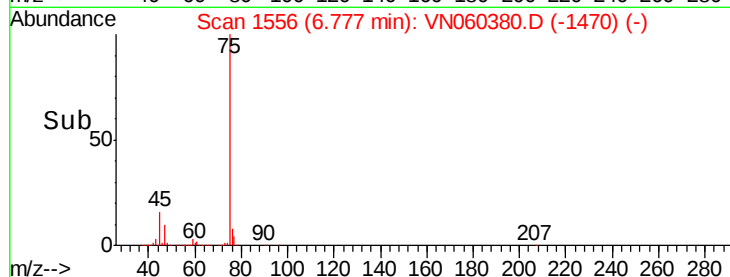
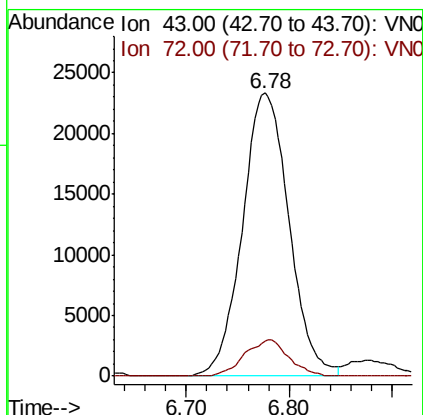
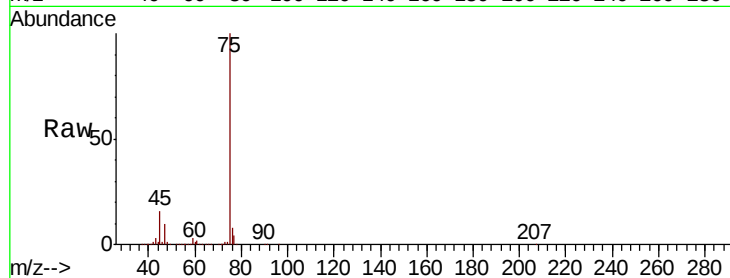




#25
2-Butanone
Concen: 53.461 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. -0.02 min
Lab File: VN060380.D
Acq: 6 Mar 2020 15:06

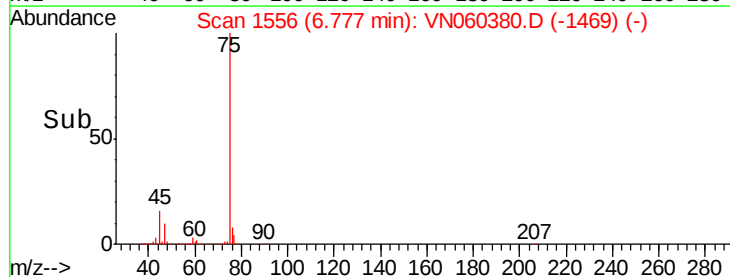
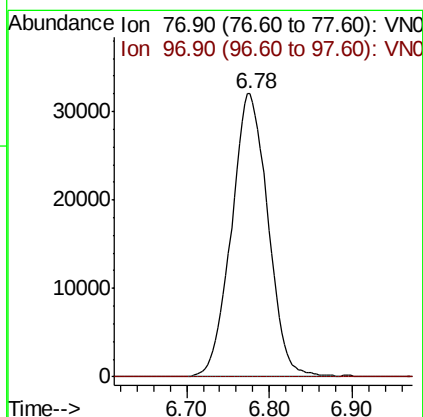
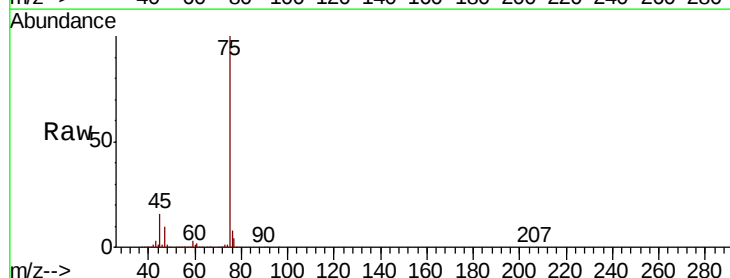
Instrument :
MSVOA_N
ClientSampled :

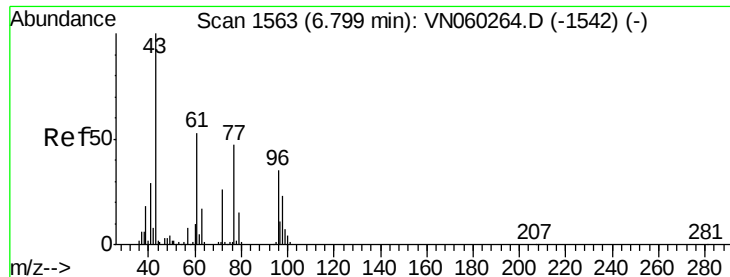
Tot Ion: 43 Resp: 73294
Ion Ratio Lower Upper
43 100
72 12.3 20.9 31.3#



#26
2,2-Dichloropropane
Concen: 25.865 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. -0.02 min
Lab File: VN060380.D
Acq: 6 Mar 2020 15:06

Tgt Ion: 77 Resp: 97974
Ion Ratio Lower Upper
77 100
97 0.0 11.2 33.6#





#27

cis-1,2-Dichloroethene

Concen: 0.468 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN060380.D

Acq: 6 Mar 2020 15:06

Instrument :
MSVOA_N
ClientSampled :

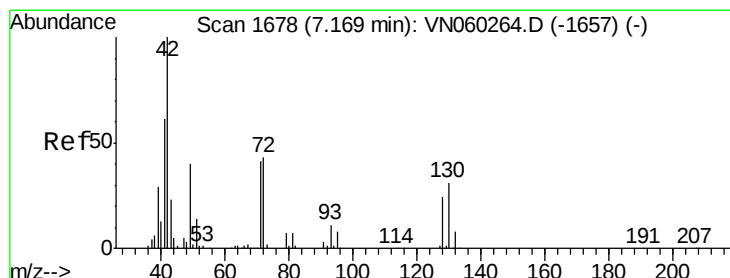
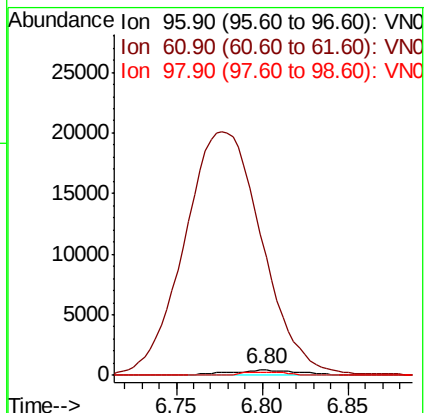
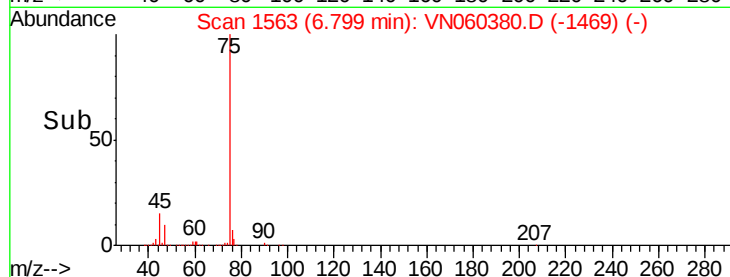
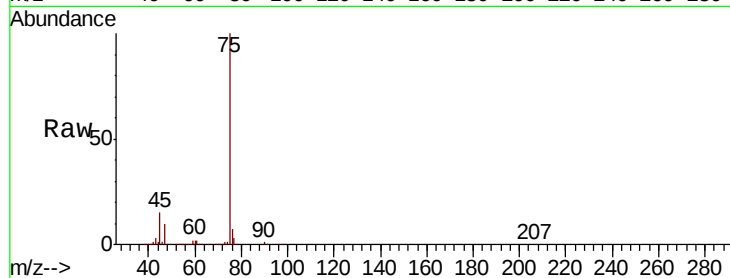
Tot Ion: 96 Resp: 1264

Ion Ratio Lower Upper

96 100

61 0.0 0.0 300.8

98 12.3 0.0 128.2



#28

Bromochloromethane

Concen: 0.225 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VN060380.D

Acq: 6 Mar 2020 15:06

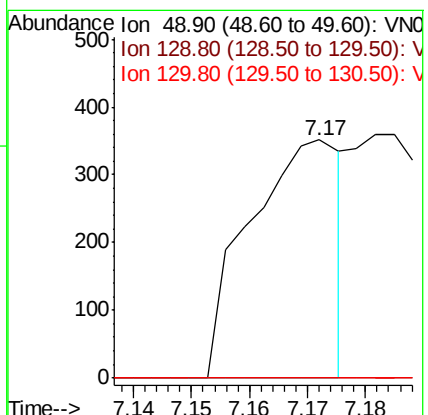
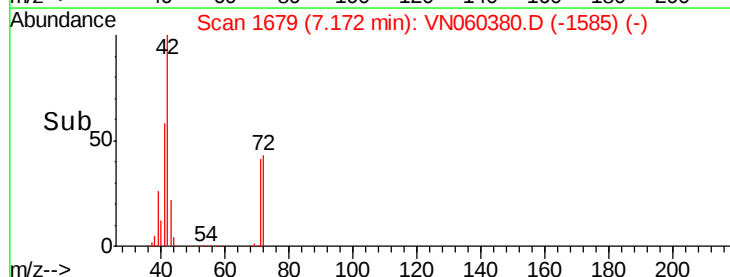
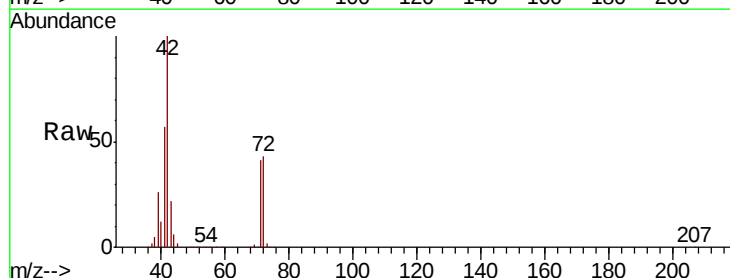
Tgt Ion: 49 Resp: 384

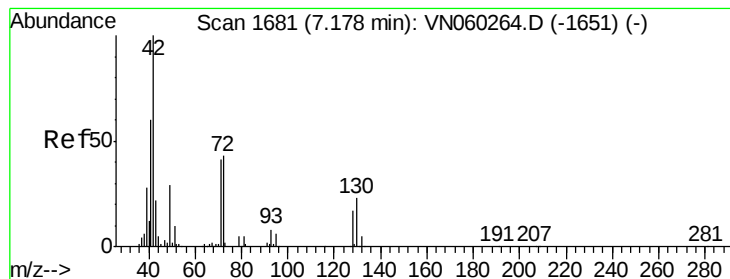
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 0.0 59.8 89.8#





#29

Tetrahydrofuran

Concen: 562.623 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VN060380.D

Acq: 6 Mar 2020 15:06

Instrument :

MSVOA_N

ClientSampleId :

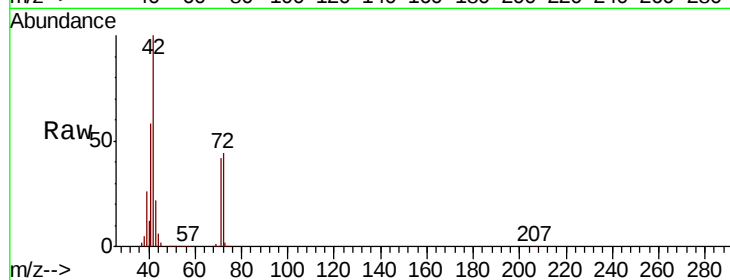
Tot Ion: 42 Resp: 536372

Ion Ratio Lower Upper

42 100

72 43.8 34.6 52.0

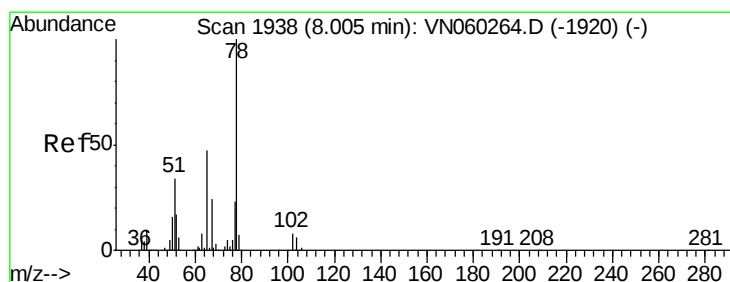
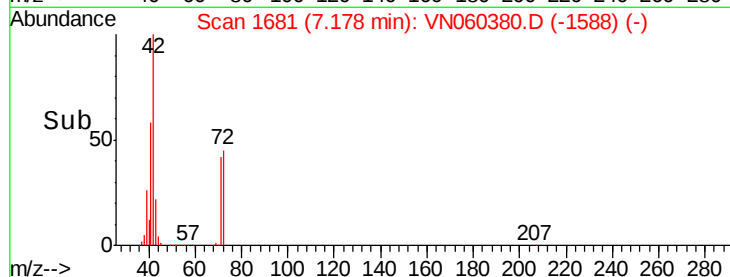
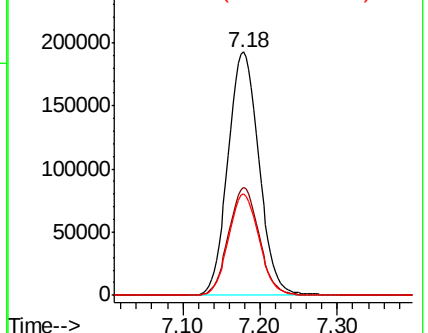
71 41.1 32.9 49.3



Abundance Ion 42.00 (41.70 to 42.70): VN060264.D (-1651) (-)

Ion 72.00 (71.70 to 72.70): VN060264.D (-1651) (-)

Ion 71.00 (70.70 to 71.70): VN060264.D (-1651) (-)



#33

1,2-Dichloroethane-d4

Concen: 49.903 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060380.D

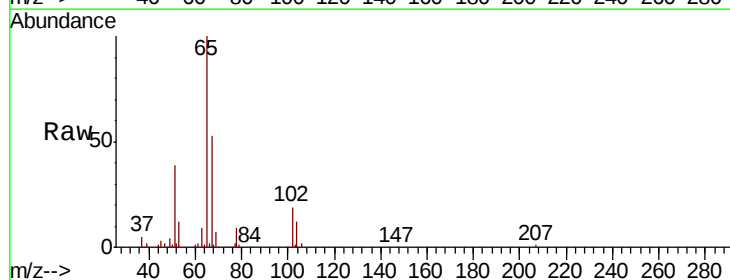
Acq: 6 Mar 2020 15:06

Tgt Ion: 65 Resp: 131162

Ion Ratio Lower Upper

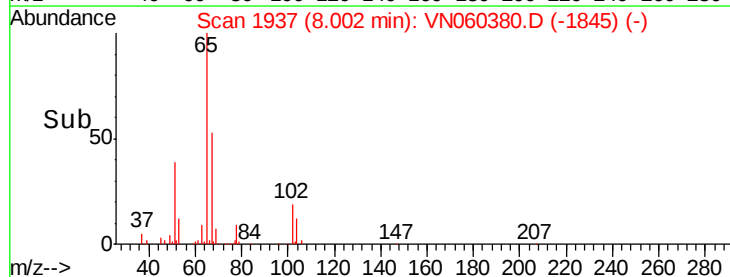
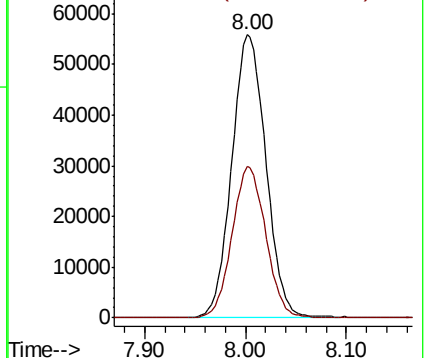
65 100

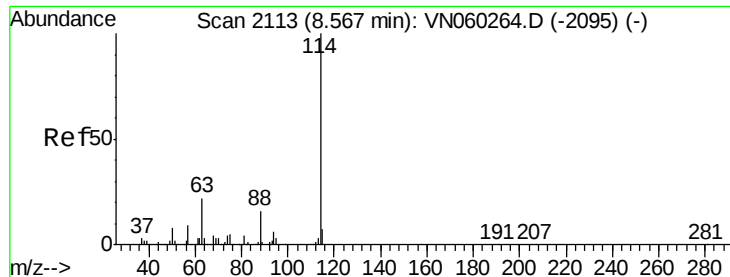
67 52.8 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN060264.D (-1920) (-)

Ion 66.90 (66.60 to 67.60): VN060264.D (-1920) (-)

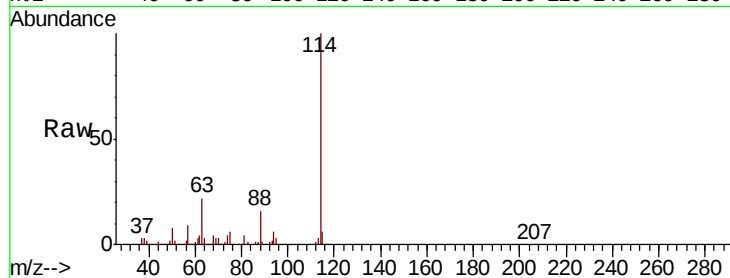




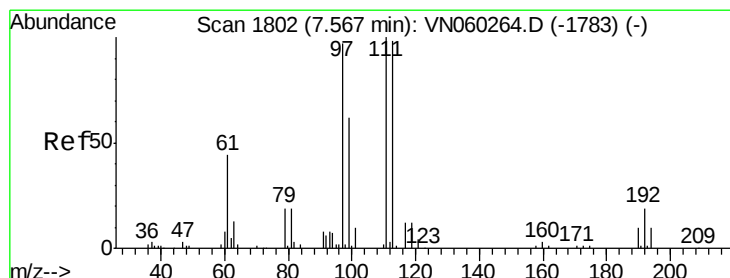
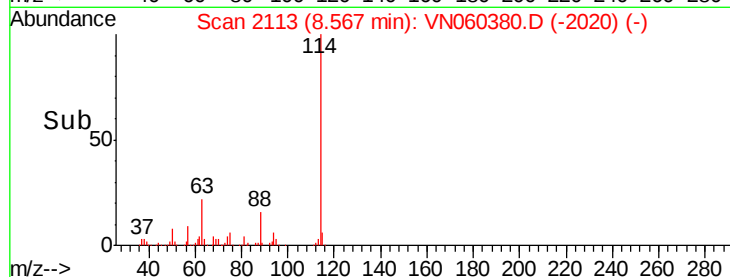
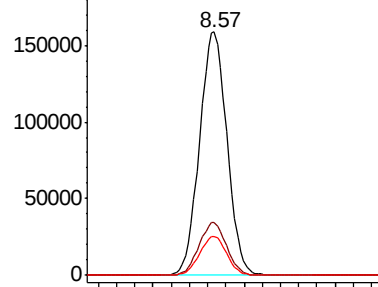
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VN060380.D
Acq: 6 Mar 2020 15:06

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:114 Resp: 333470
Ion Ratio Lower Upper
114 100
63 21.5 0.0 43.2
88 16.0 0.0 31.6

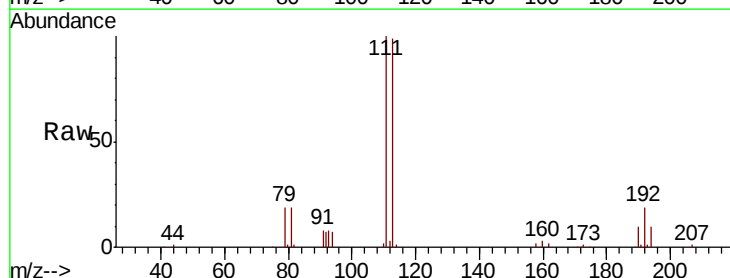


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

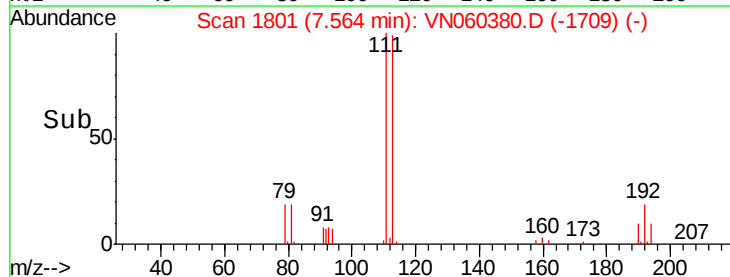
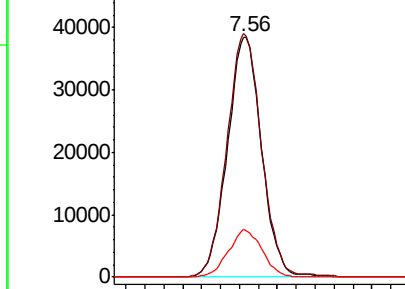


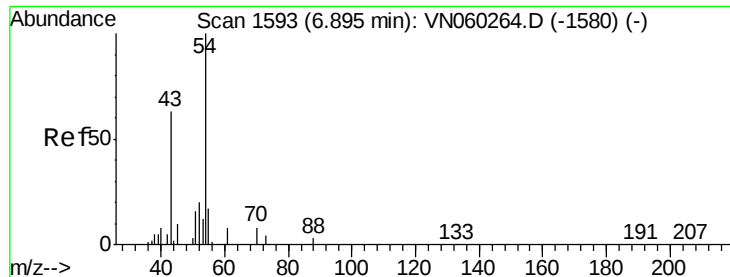
#35
Dibromofluoromethane
Concen: 62.257 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN060380.D
Acq: 6 Mar 2020 15:06

Tgt Ion:113 Resp: 96365
Ion Ratio Lower Upper
113 100
111 103.0 82.4 123.6
192 19.5 16.2 24.2



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





#37

Ethyl Acetate

Concen: 1.449 ug/l

RT: 6.88 min Scan# 1587

Delta R.T. -0.02 min

Lab File: VN060380.D

Acq: 6 Mar 2020 15:06

Instrument :

MSVOA_N

ClientSampled :

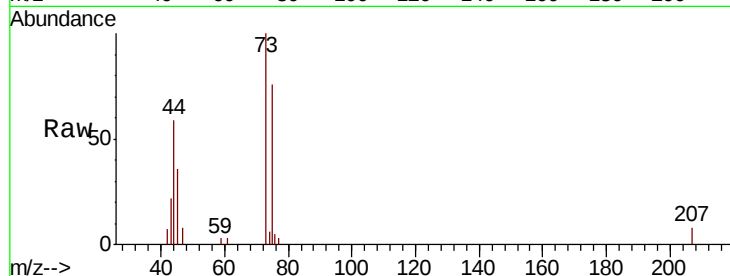
Tot Ion: 43 Resp: 4361

Ion Ratio Lower Upper

43 100

61 0.0 11.1 16.7#

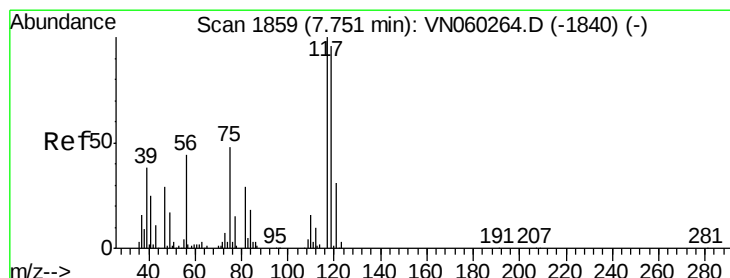
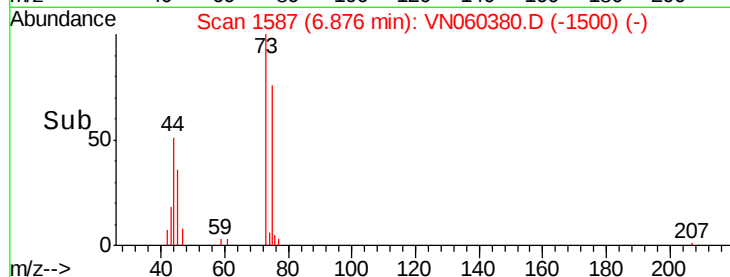
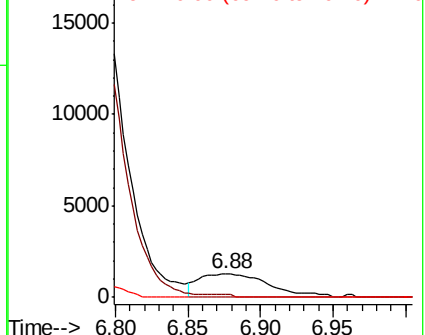
70 0.0 8.4 12.6#



Abundance Ion 43.00 (42.70 to 43.70): VN060380.D (-1580) (-)

Ion 60.90 (60.60 to 61.60): VN060380.D (-1580) (-)

Ion 70.00 (69.70 to 70.70): VN060380.D (-1580) (-)



#38

Carbon Tetrachloride

Concen: 6.329 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.11 min

Lab File: VN060380.D

Acq: 6 Mar 2020 15:06

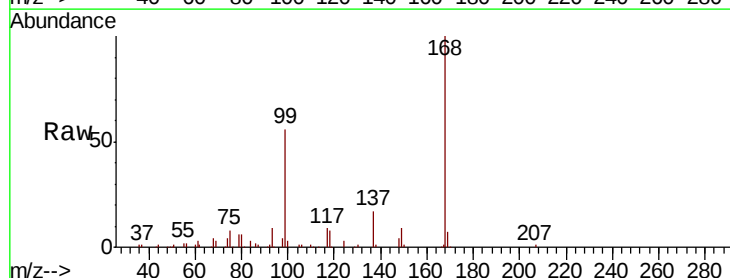
Tgt Ion: 117 Resp: 19583

Ion Ratio Lower Upper

117 100

119 4.2 76.7 115.1#

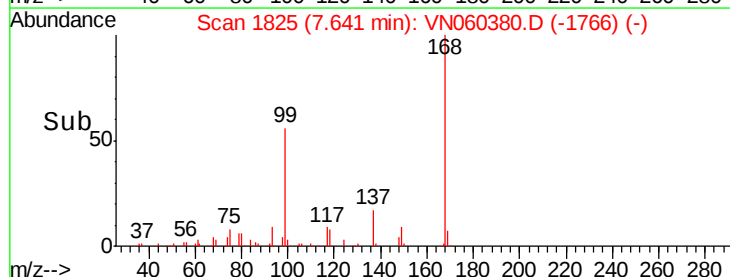
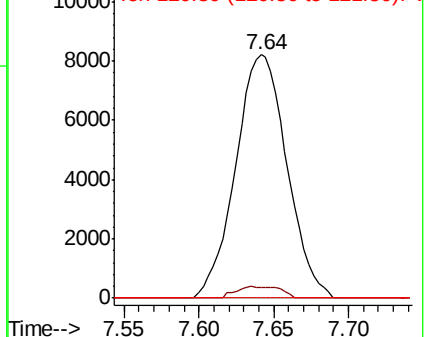
121 0.0 24.5 36.7#

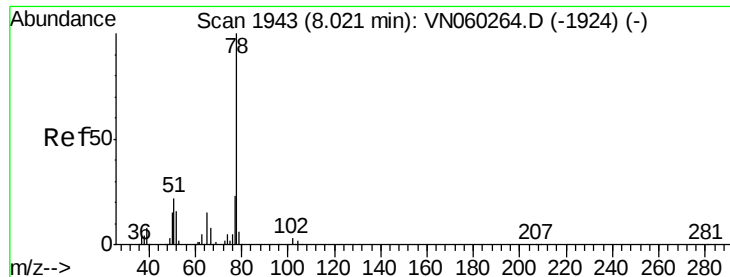


Abundance Ion 116.80 (116.50 to 117.50): VN060380.D (-1766) (-)

Ion 118.80 (118.50 to 119.50): VN060380.D (-1766) (-)

Ion 120.80 (120.50 to 121.50): VN060380.D (-1766) (-)

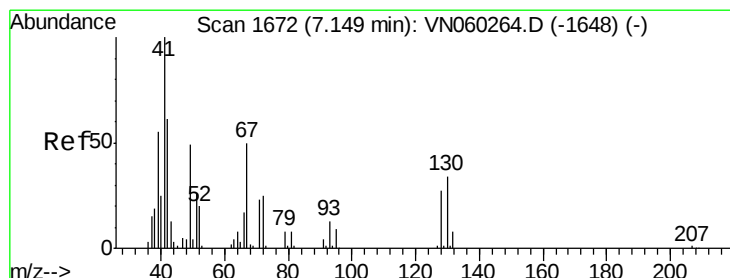
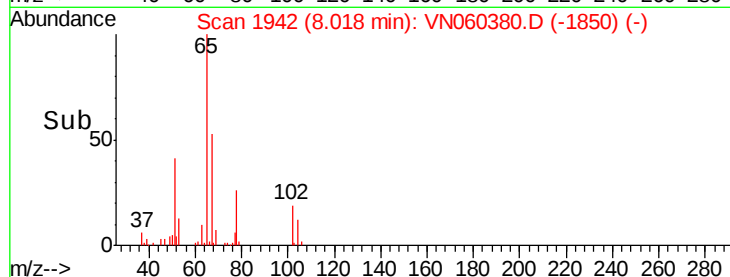
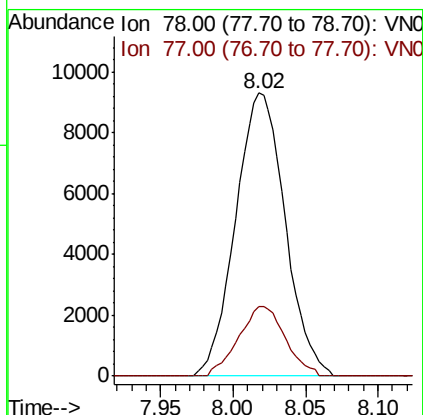
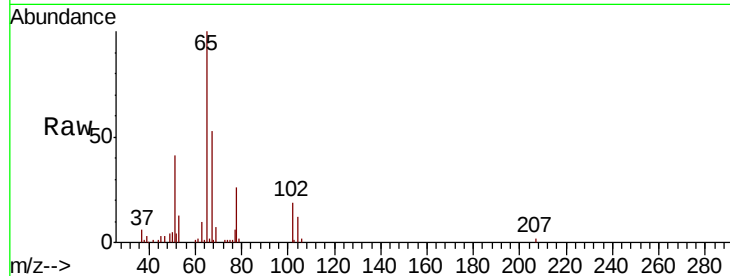




#40
Benzene
Concen: 2.386 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060380.D
Acq: 6 Mar 2020 15:06

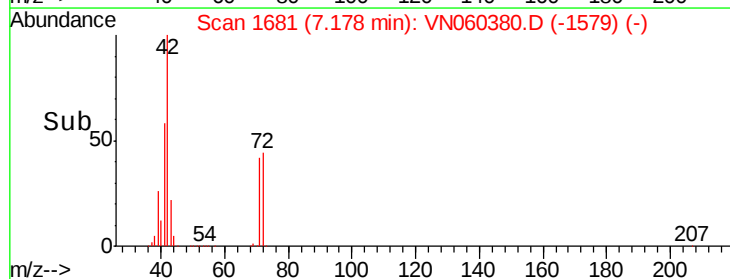
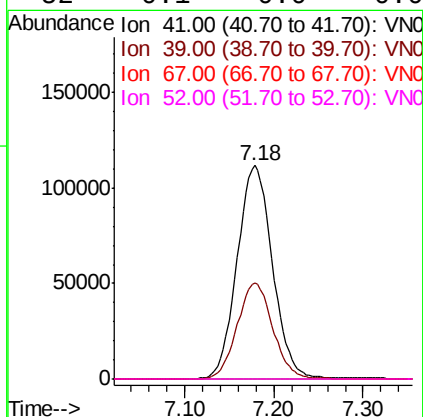
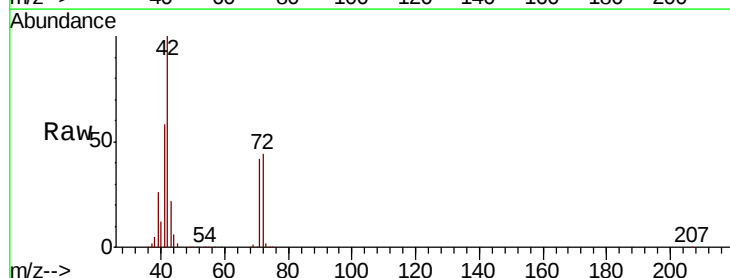
Instrument :
MSVOA_N
ClientSampleId :

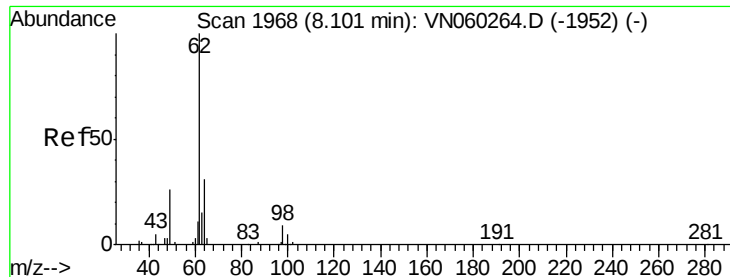
Tot Ion: 78 Resp: 22073
Ion Ratio Lower Upper
78 100
77 24.5 18.8 28.2



#41
Methacrylonitrile
Concen: 222.304 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.03 min
Lab File: VN060380.D
Acq: 6 Mar 2020 15:06

Tgt Ion: 41 Resp: 308892
Ion Ratio Lower Upper
41 100
39 45.2 0.0 0.0#
67 0.0 0.0 0.0
52 0.1 0.0 0.0#





#42

1,2-Dichloroethane

Concen: 0.680 ug/l

RT: 8.10 min Scan# 1967

Delta R.T. -0.00 min

Lab File: VN060380.D

Acq: 6 Mar 2020 15:06

Instrument :

MSVOA_N

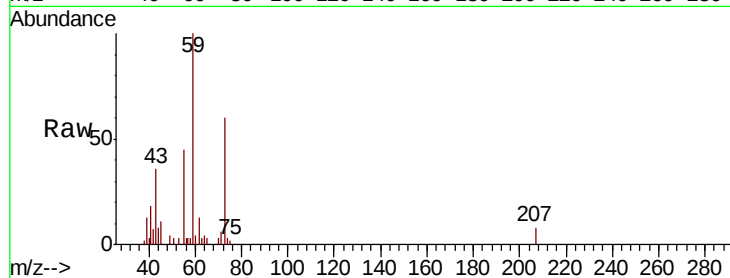
ClientSampleId :

Tot Ion: 62 Resp: 2270

Ion Ratio Lower Upper

62 100

98 0.0 0.0 17.0



Abundance Ion 61.90 (61.60 to 62.60): VN060264.D (-1952) (-)

Ion 97.90 (97.60 to 98.60): VN060264.D (-1952) (-)

8.10

1200

1000

800

600

400

200

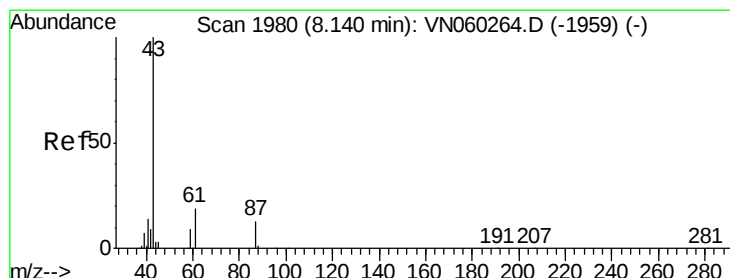
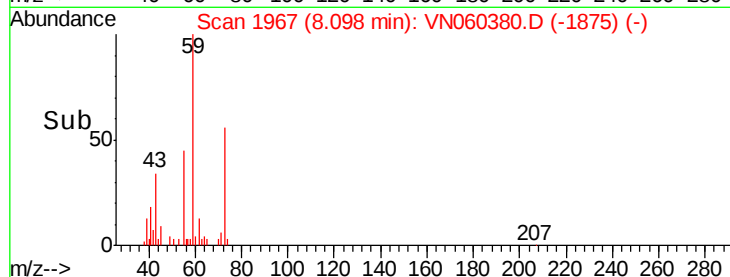
0

8.05

8.10

8.15

Time-->



#43

Isopropyl Acetate

Concen: 1.439 ug/l

RT: 8.10 min Scan# 1967

Delta R.T. -0.04 min

Lab File: VN060380.D

Acq: 6 Mar 2020 15:06

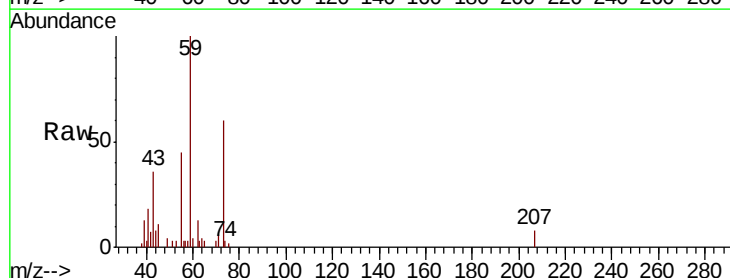
Tgt Ion: 43 Resp: 7580

Ion Ratio Lower Upper

43 100

61 0.0 20.9 31.3#

87 0.8 10.6 16.0#



Abundance Ion 43.00 (42.70 to 43.70): VN060380.D (-1875) (-)

Ion 61.00 (60.70 to 61.70): VN060380.D (-1875) (-)

Ion 87.00 (86.70 to 87.70): VN060380.D (-1875) (-)

8.10

4000

3000

2000

1000

0

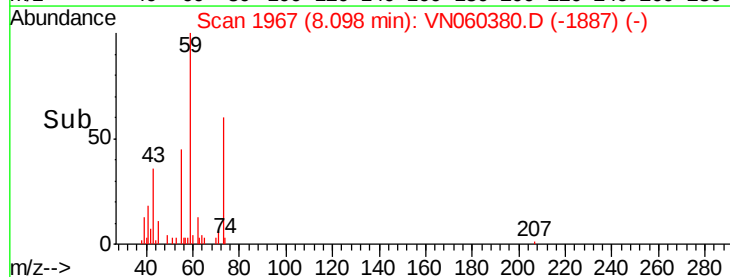
8.00

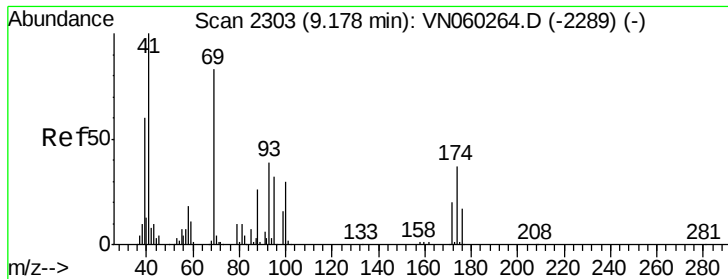
8.05

8.10

8.15

Time-->

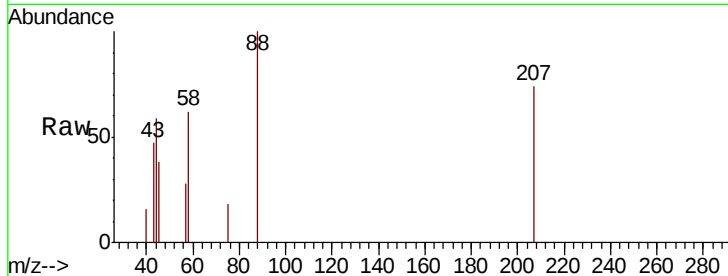




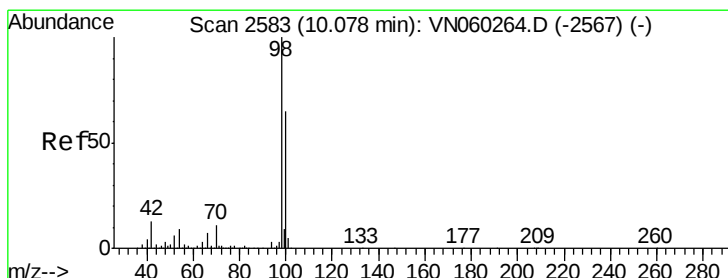
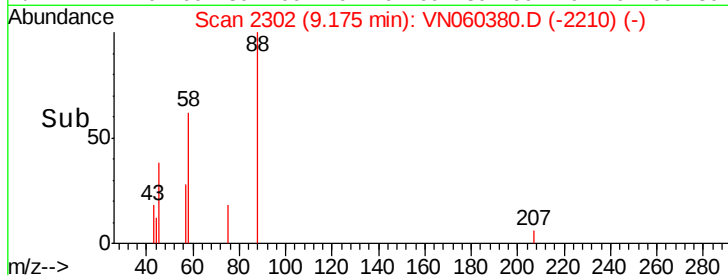
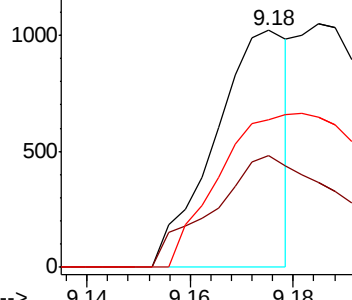
#49
 1,4-Dioxane
 Concen: 29.984 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN060380.D
 Acq: 6 Mar 2020 15:06

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 88 Resp: 1013
 Ion Ratio Lower Upper
 88 100
 43 89.1 30.4 45.6#
 58 134.2 57.0 85.6#

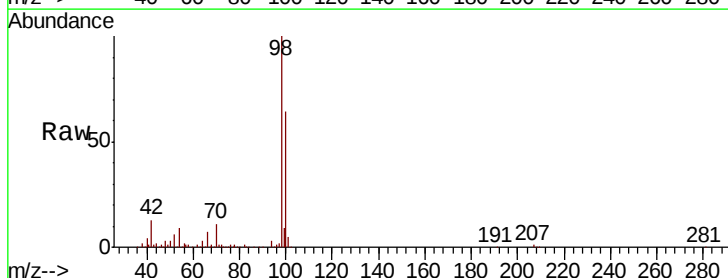


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

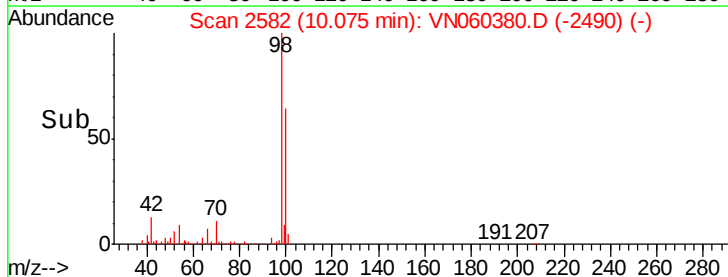
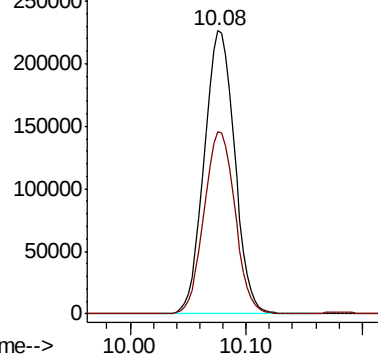


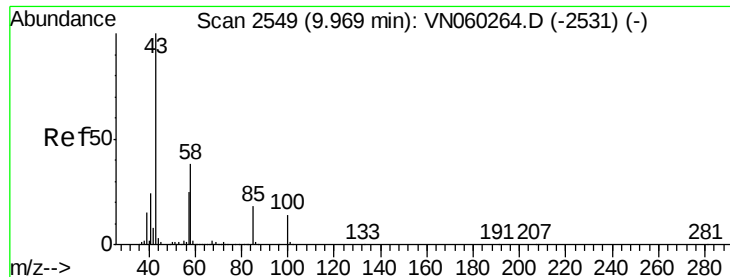
#50
 Toluene-d8
 Concen: 52.358 ug/l
 RT: 10.08 min Scan# 2582
 Delta R.T. -0.00 min
 Lab File: VN060380.D
 Acq: 6 Mar 2020 15:06

Tgt Ion: 98 Resp: 410169
 Ion Ratio Lower Upper
 98 100
 100 65.4 52.2 78.2



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





#51

4-Methyl-2-Pentanone

Concen: 3.181 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.12 min

Lab File: VN060380.D

Acq: 6 Mar 2020 15:06

Instrument :

MSVOA_N

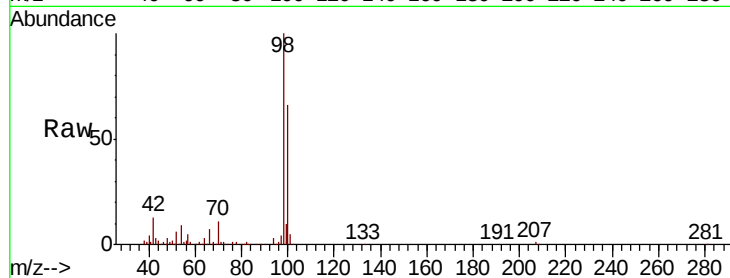
ClientSampleId :

Tot Ion: 43 Resp: 9501

Ion Ratio Lower Upper

43 100

58 41.7 30.9 46.3



Abundance Ion 43.00 (42.70 to 43.70): VN060380.D (-2531) (-)

Ion 58.00 (57.70 to 58.70): VN060380.D (-2531) (-)

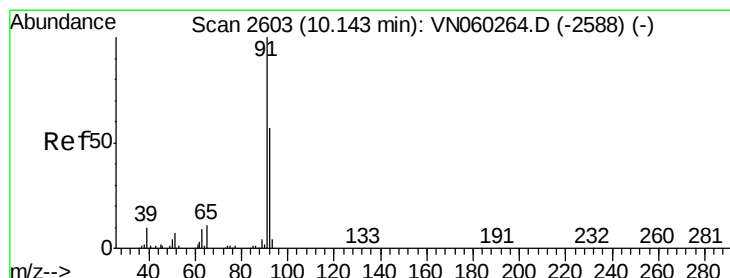
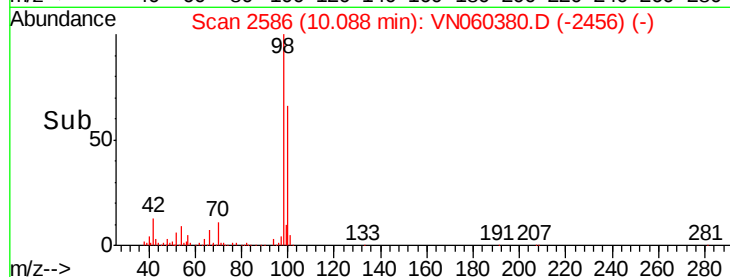
10000

5000

0

10.05 10.10 10.15

Time-->



#52

Toluene

Concen: 1.734 ug/l

RT: 10.14 min Scan# 2602

Delta R.T. -0.00 min

Lab File: VN060380.D

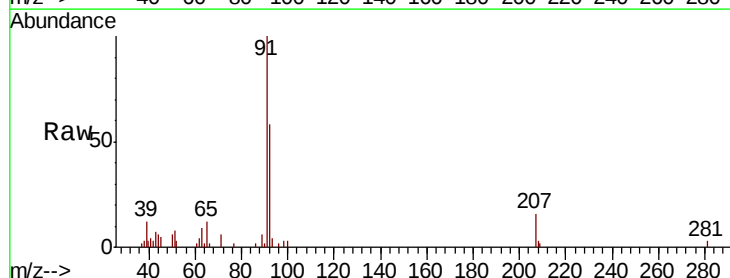
Acq: 6 Mar 2020 15:06

Tgt Ion: 92 Resp: 10075

Ion Ratio Lower Upper

92 100

91 172.7 138.1 207.1



Abundance Ion 92.00 (91.70 to 92.70): VN060380.D (-2510) (-)

Ion 91.00 (90.70 to 91.70): VN060380.D (-2510) (-)

10000

8000

6000

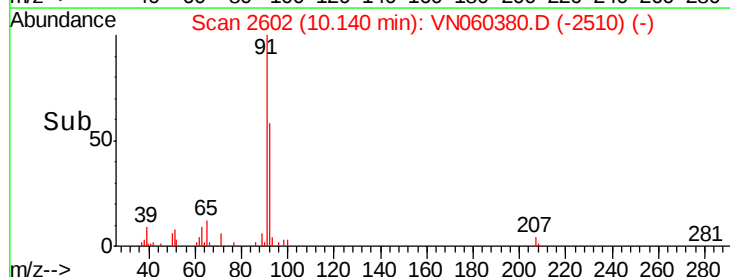
4000

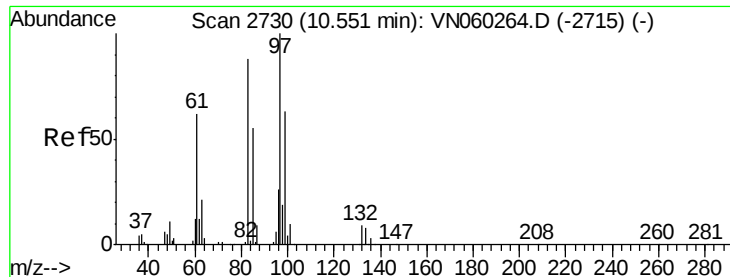
2000

0

10.10 10.15 10.20

Time-->

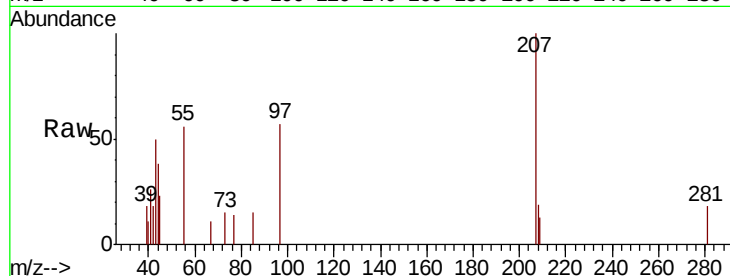




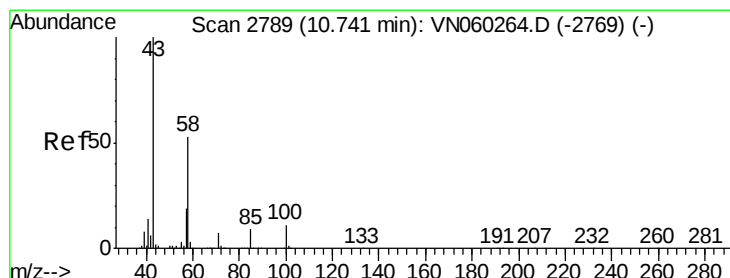
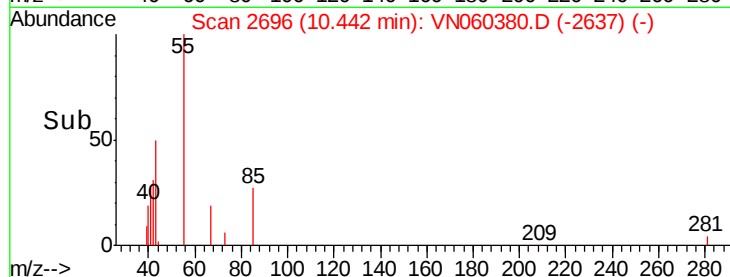
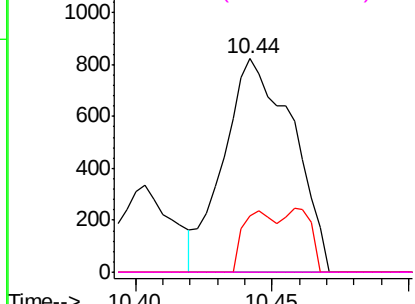
#55
 1,1,2-Trichloroethane
 Concen: 0.621 ug/l
 RT: 10.44 min Scan# 2696
 Delta R.T. -0.11 min
 Lab File: VN060380.D
 Acq: 6 Mar 2020 15:06

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 97 Resp: 1452
 Ion Ratio Lower Upper
 97 100
 83 0.0 70.0 105.0#
 85 26.6 44.0 66.0#
 99 0.0 50.4 75.6#

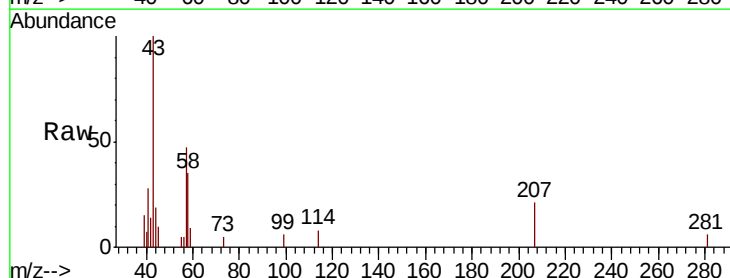


Abundance Ion 96.90 (96.60 to 97.60): VNC
 Ion 82.90 (82.60 to 83.60): VNC
 Ion 84.90 (84.60 to 85.60): VNC
 Ion 98.90 (98.60 to 99.60): VNC

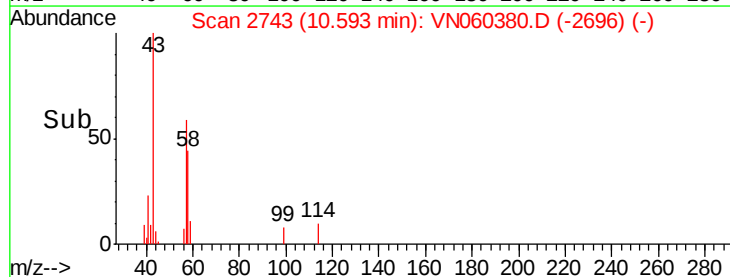
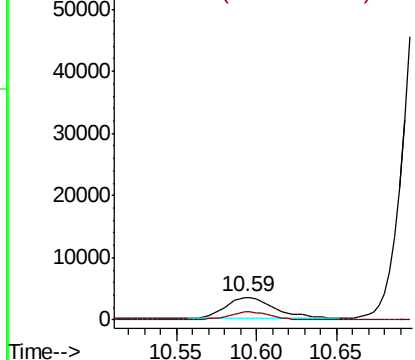


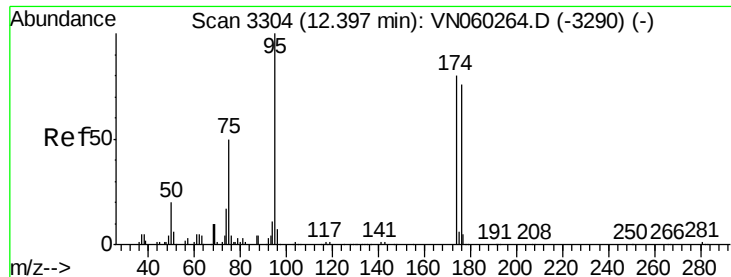
#59
 2-Hexanone
 Concen: 3.236 ug/l
 RT: 10.59 min Scan# 2743
 Delta R.T. -0.15 min
 Lab File: VN060380.D
 Acq: 6 Mar 2020 15:06

Tgt Ion: 43 Resp: 7097
 Ion Ratio Lower Upper
 43 100
 58 31.3 26.5 79.5



Abundance Ion 43.00 (42.70 to 43.70): VNC
 Ion 58.00 (57.70 to 58.70): VNC





#62

4-Bromofluorobenzene

Concen: 51.778 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060380.D

Acq: 6 Mar 2020 15:06

Instrument :

MSVOA_N

ClientSampleId :

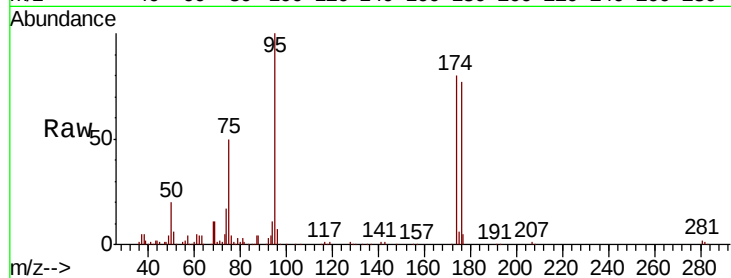
Tot Ion: 95 Resp: 153761

Ion Ratio Lower Upper

95 100

174 80.2 0.0 159.2

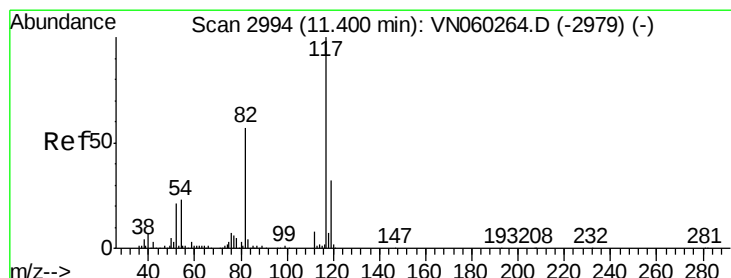
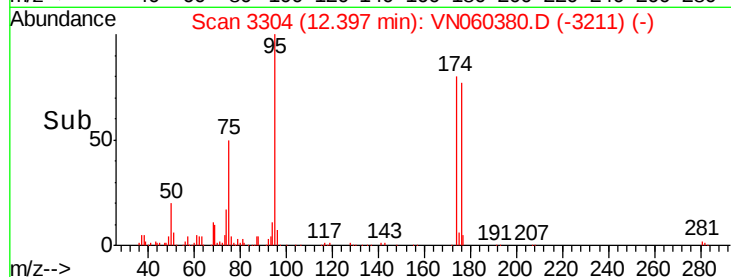
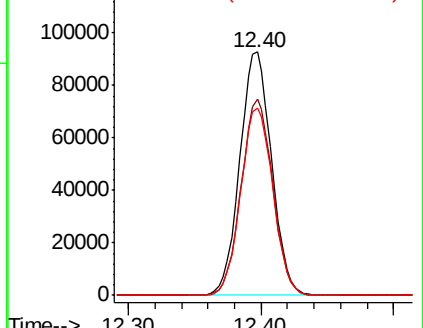
176 78.1 0.0 153.8



Abundance Ion 94.90 (94.60 to 95.60): VN060380.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060380.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060380.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060380.D

Acq: 6 Mar 2020 15:06

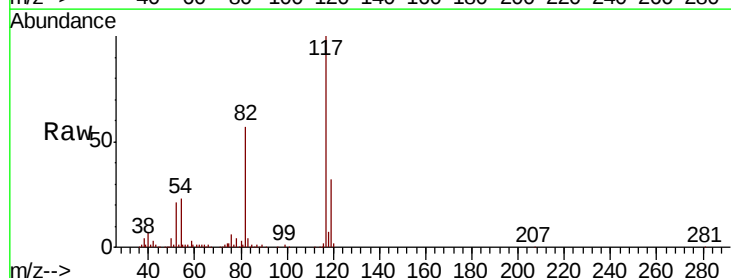
Tgt Ion: 117 Resp: 312197

Ion Ratio Lower Upper

117 100

82 56.7 45.8 68.6

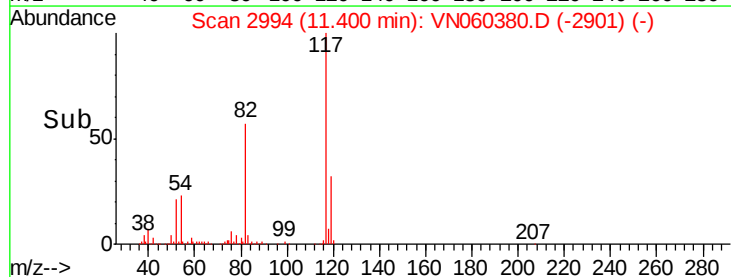
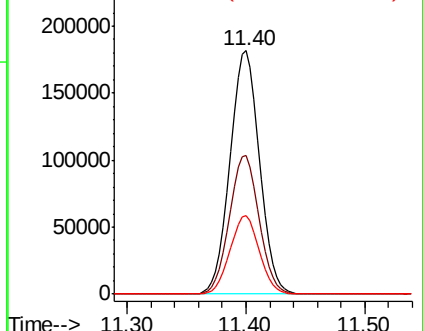
119 32.2 25.8 38.8

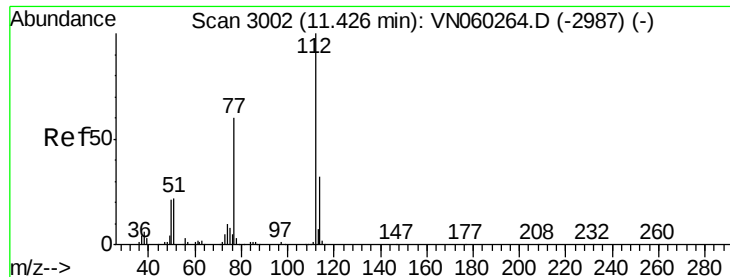


Abundance Ion 116.90 (116.60 to 117.60): VN060380.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060380.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060380.D (-2901) (-)

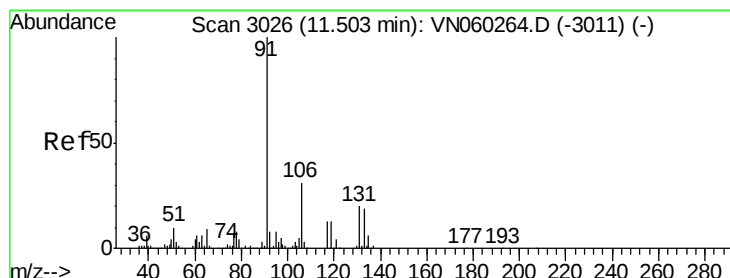
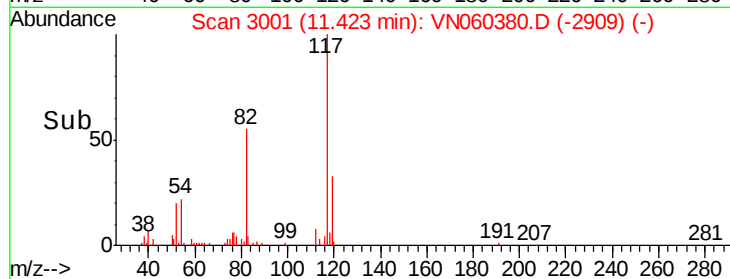
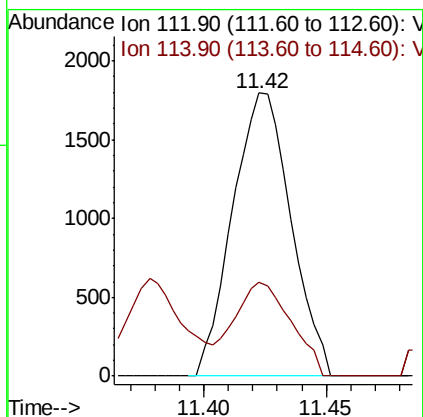
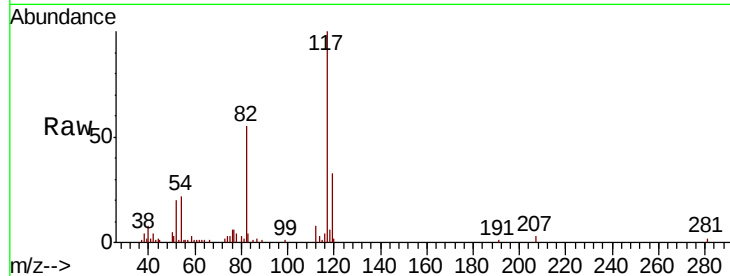




#65
Chlorobenzene
Concen: 0.472 ug/l
RT: 11.42 min Scan# 3001
Delta R.T. -0.00 min
Lab File: VN060380.D
Acq: 6 Mar 2020 15:06

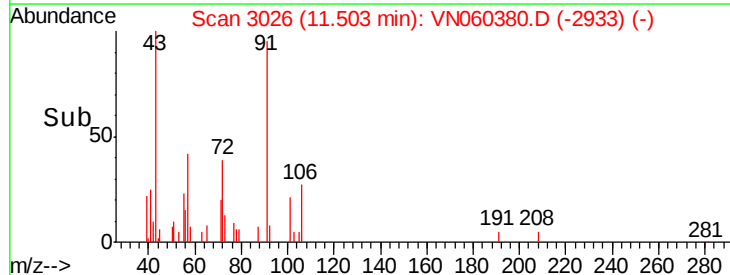
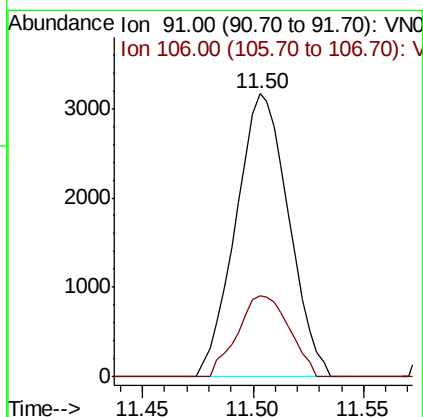
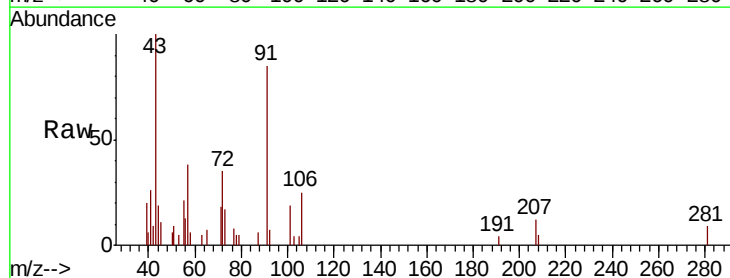
Instrument :
MSVOA_N
ClientSampled :

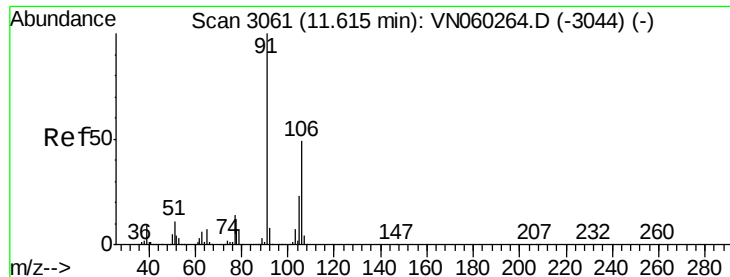
Tot Ion:112 Resp: 2978
Ion Ratio Lower Upper
112 100
114 33.0 25.4 38.0



#67
Ethyl Benzene
Concen: 0.457 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN060380.D
Acq: 6 Mar 2020 15:06

Tgt Ion: 91 Resp: 5251
Ion Ratio Lower Upper
91 100
106 28.7 24.7 37.1

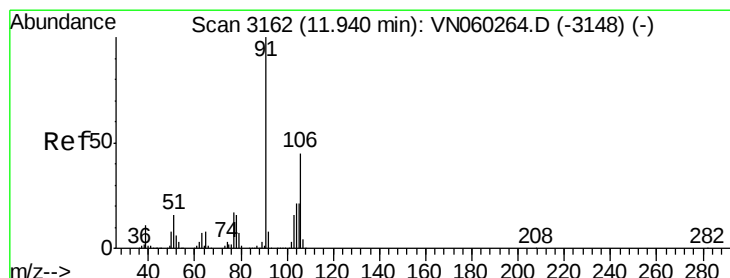
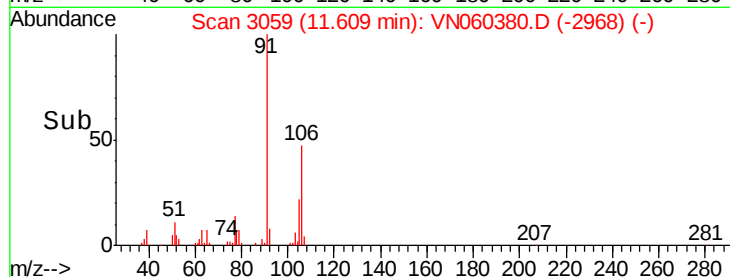
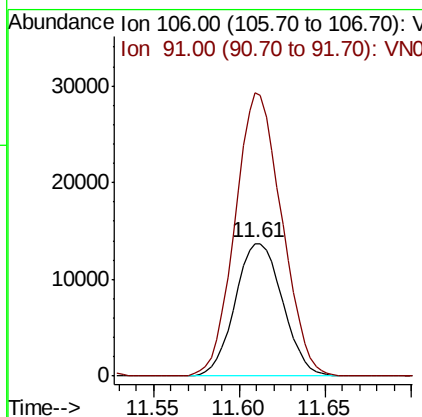
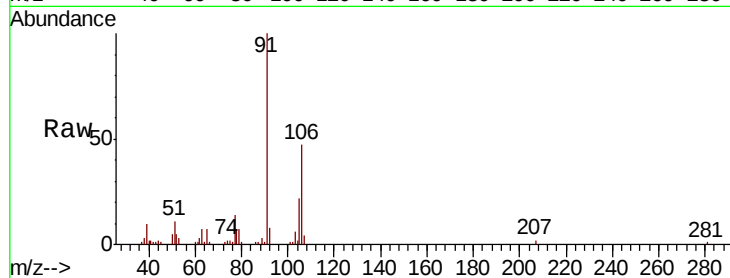




#68
m/p-Xylenes
Concen: 6.090 ug/l
RT: 11.61 min Scan# 3059
Delta R.T. -0.01 min
Lab File: VN060380.D
Acq: 6 Mar 2020 15:06

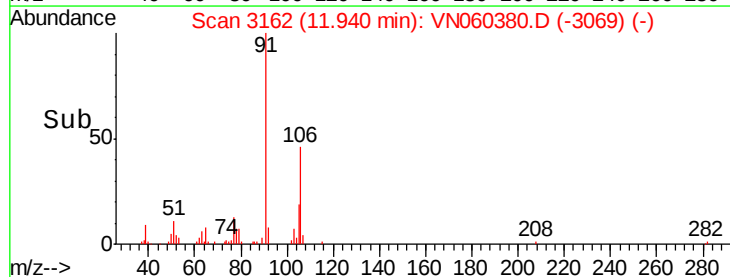
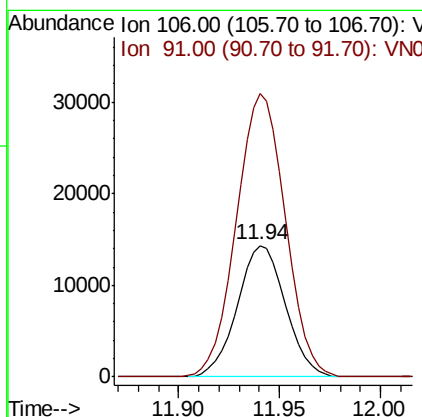
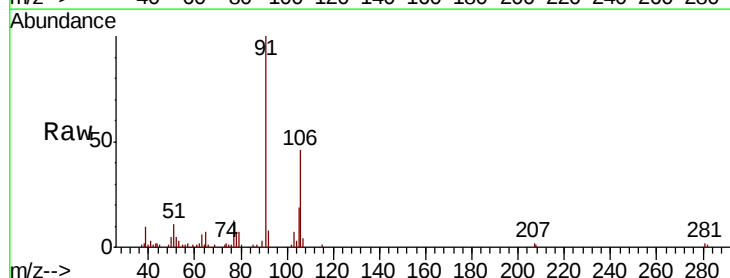
Instrument :
MSVOA_N
ClientSampleId :

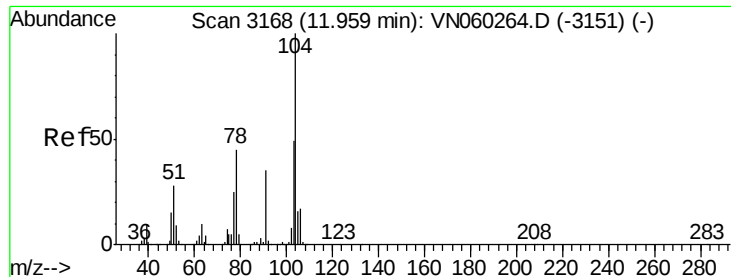
Tot Ion:106 Resp: 26377
Ion Ratio Lower Upper
106 100
91 209.3 164.5 246.7



#69
o-Xylene
Concen: 5.778 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN060380.D
Acq: 6 Mar 2020 15:06

Tgt Ion:106 Resp: 23865
Ion Ratio Lower Upper
106 100
91 219.8 109.5 328.4

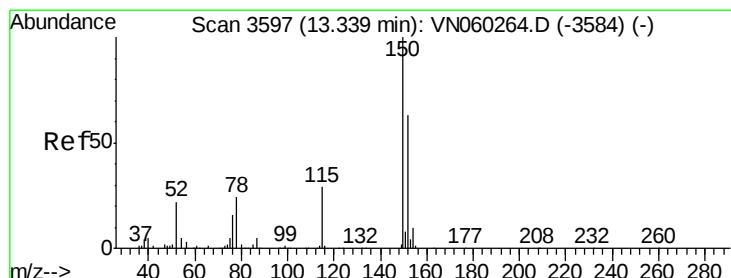
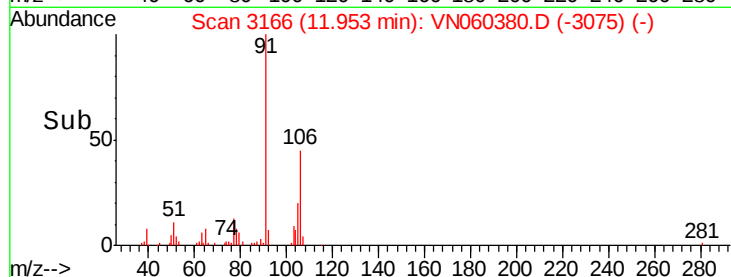
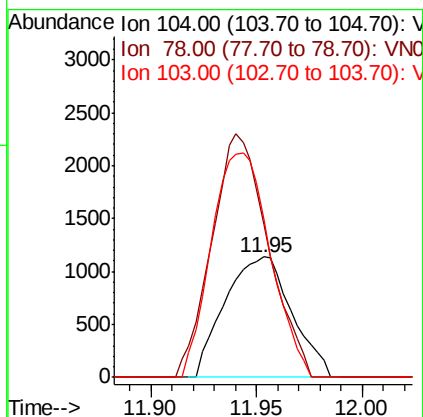
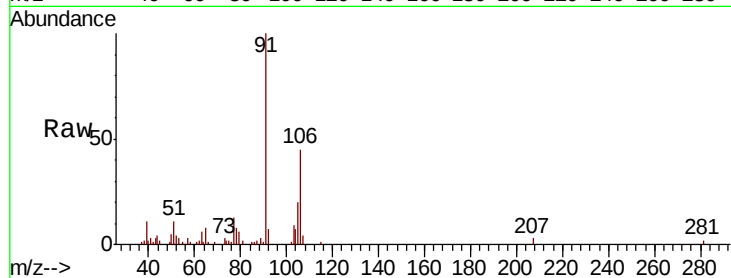




#70
Stvrene
Concen: 0.369 ug/l
RT: 11.95 min Scan# 3166
Delta R.T. -0.01 min
Lab File: VN060380.D
Acq: 6 Mar 2020 15:06

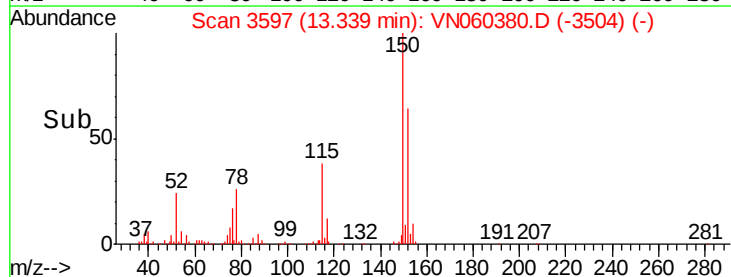
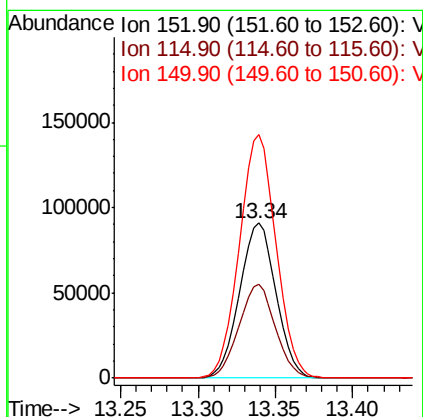
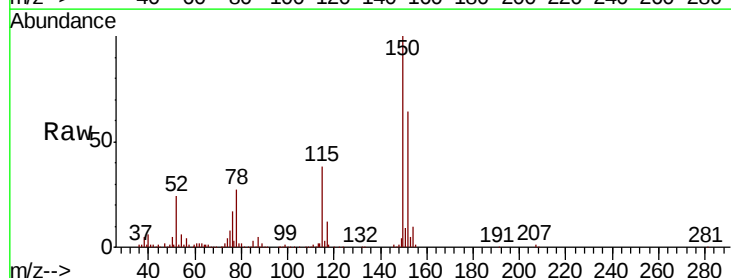
Instrument :
MSVOA_N
ClientSampled :

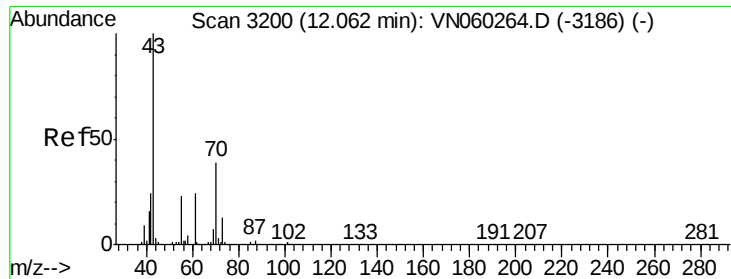
Tot Ion:104 Resp: 2508
Ion Ratio Lower Upper
104 100
78 169.8 41.2 61.8#
103 163.6 43.9 65.9#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060380.D
Acq: 6 Mar 2020 15:06

Tgt Ion:152 Resp: 148755
Ion Ratio Lower Upper
152 100
115 60.6 30.0 90.0
150 158.2 0.0 349.6





#74

N-amvl acetate

Concen: 0.202 ug/l

RT: 12.01 min Scan# 3183

Delta R.T. -0.05 min

Lab File: VN060380.D

Acq: 6 Mar 2020 15:06

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 974

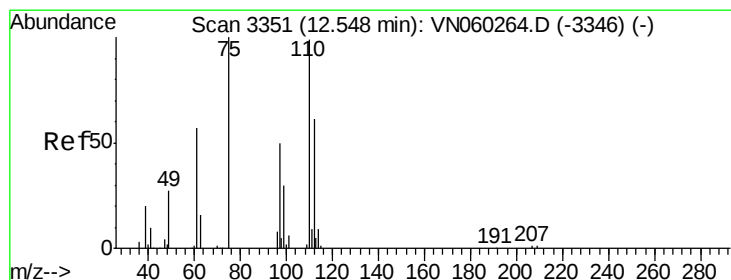
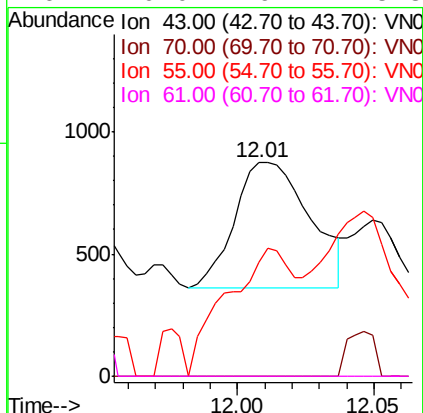
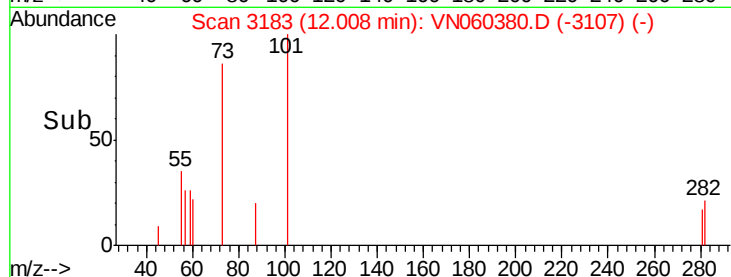
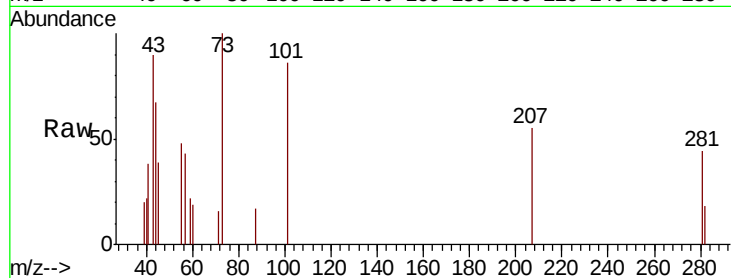
Ion Ratio Lower Upper

43 100

70 0.0 32.2 48.2#

55 96.6 18.2 27.4#

61 0.0 19.2 28.8#



#76

1,2,3-Trichloropropane

Concen: 24.405 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN060380.D

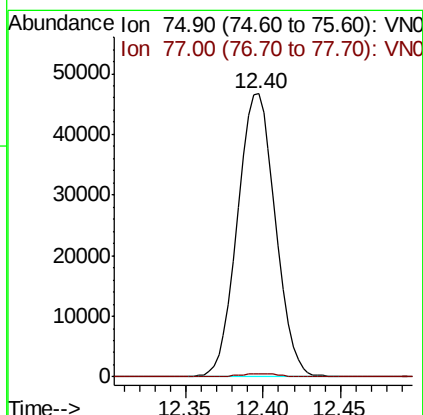
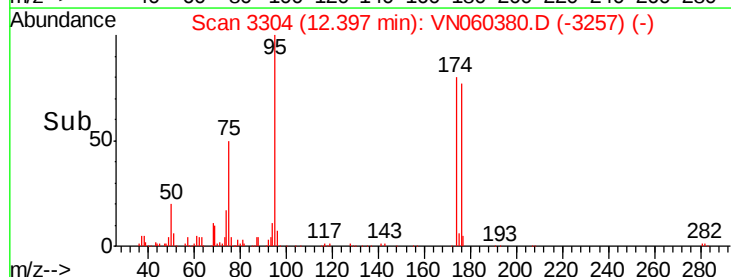
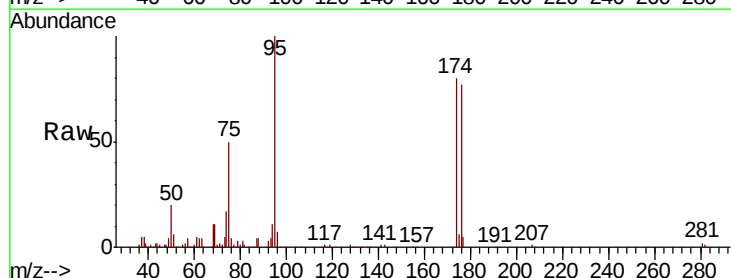
Acq: 6 Mar 2020 15:06

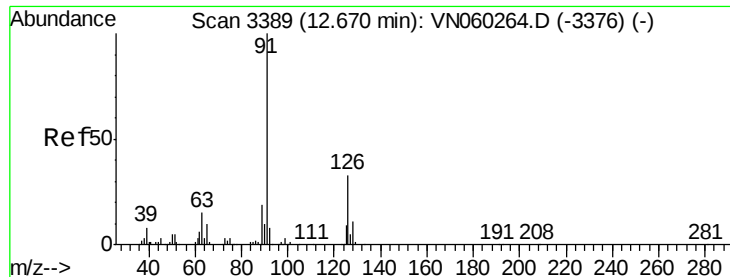
Tgt Ion: 75 Resp: 79650

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#

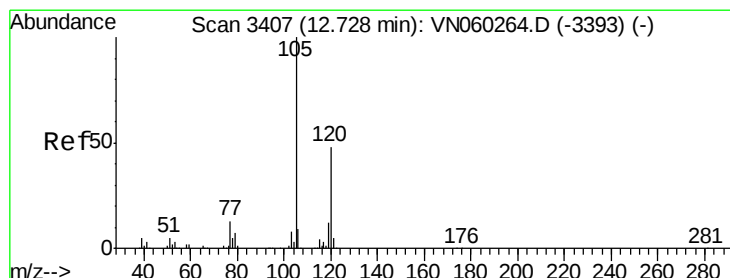
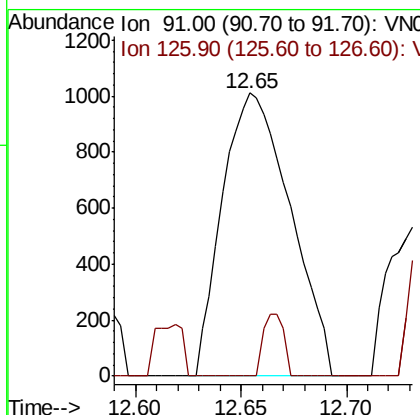
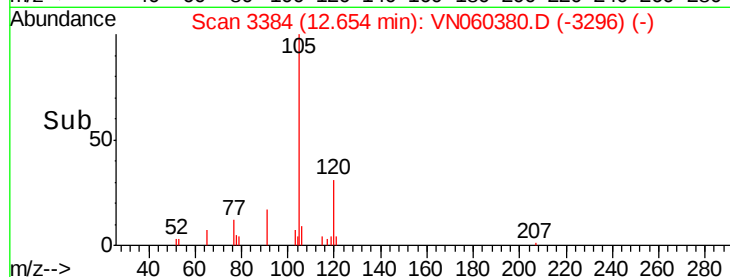
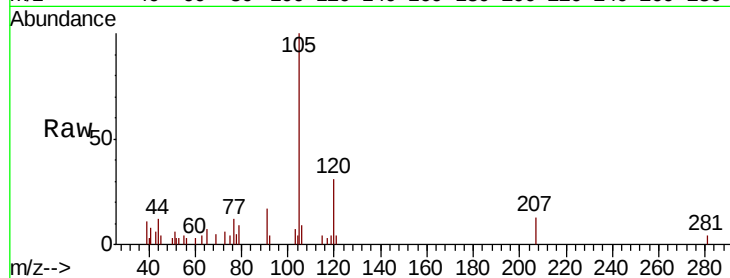




#79
2-Chlorotoluene
Concen: 0.298 ug/l
RT: 12.65 min Scan# 3384
Delta R.T. -0.02 min
Lab File: VN060380.D
Acq: 6 Mar 2020 15:06

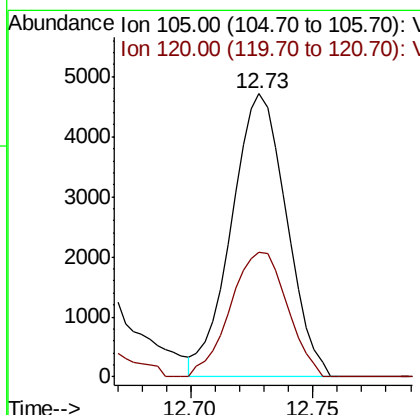
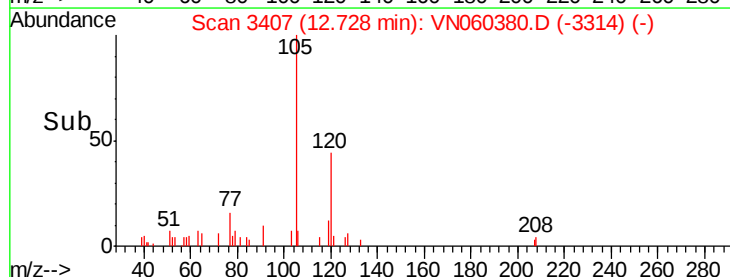
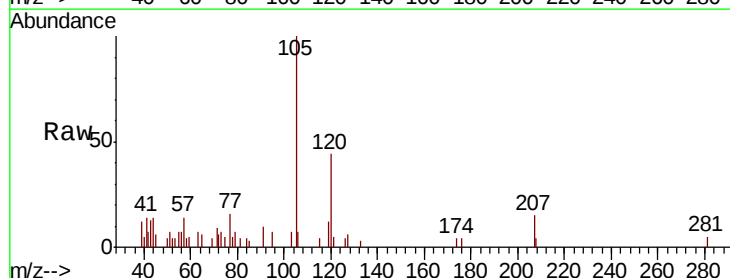
Instrument :
MSVOA_N
ClientSampled :

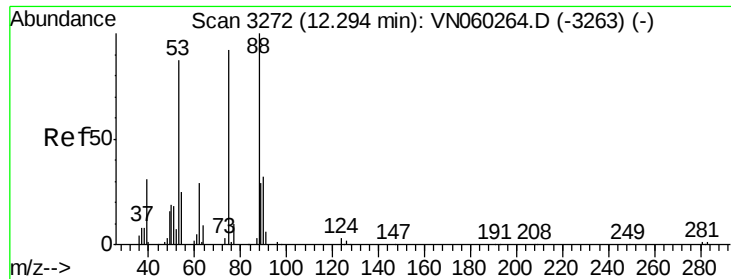
Tot Ion: 91 Resp: 2262
Ion Ratio Lower Upper
91 100
126 6.7 16.6 49.8#



#80
1,3,5-Trimethylbenzene
Concen: 0.795 ug/l
RT: 12.73 min Scan# 3407
Delta R.T. 0.00 min
Lab File: VN060380.D
Acq: 6 Mar 2020 15:06

Tgt Ion: 105 Resp: 7380
Ion Ratio Lower Upper
105 100
120 45.4 24.1 72.4

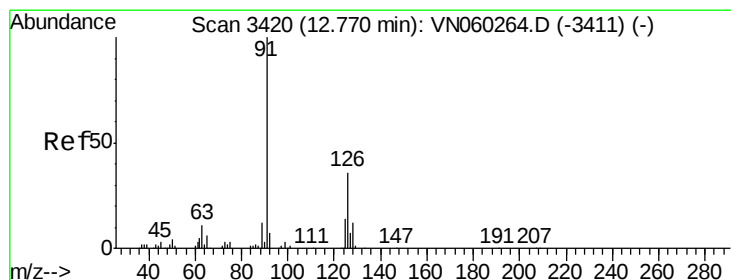
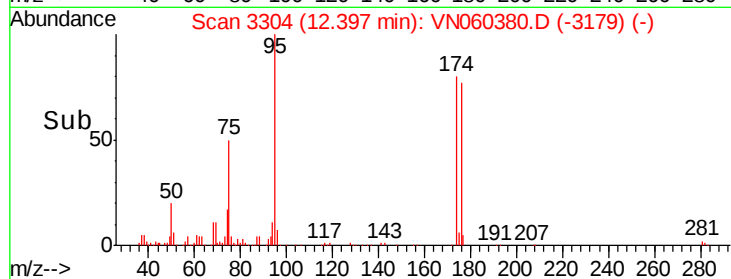
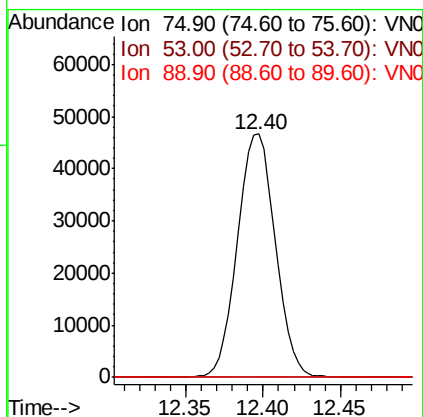
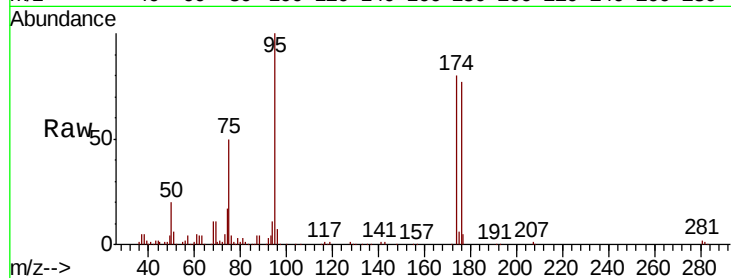




#81
trans-1,4-Dichloro-2-butene
Concen: 67.369 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.10 min
Lab File: VN060380.D
Acq: 6 Mar 2020 15:06

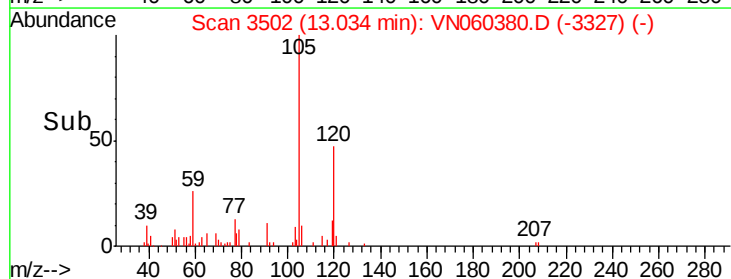
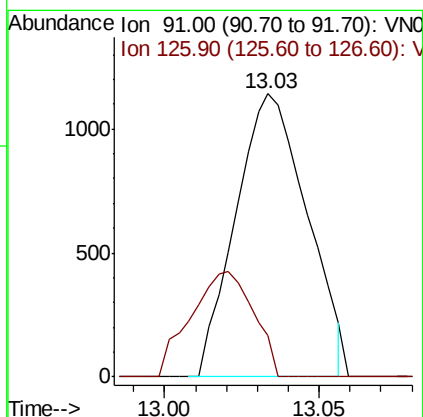
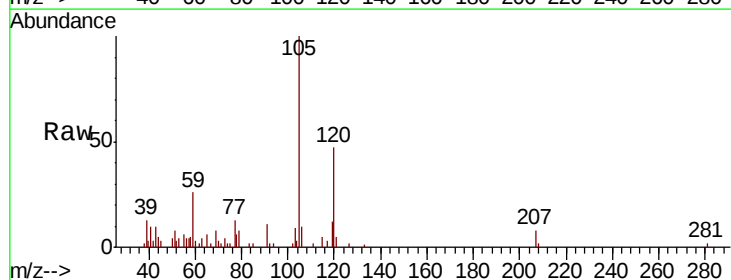
Instrument :
MSVOA_N
ClientSampleId :

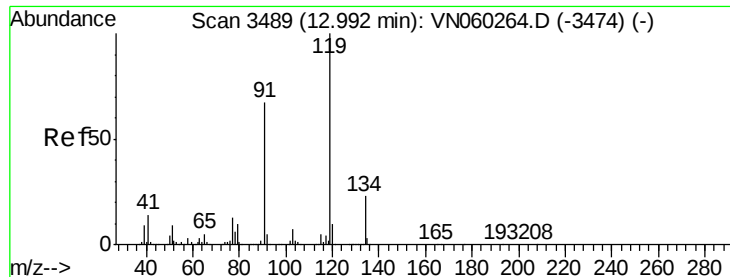
Tot Ion: 75 Resp: 79650
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 57.1 85.7#



#82
4-Chlorotoluene
Concen: 0.229 ug/l
RT: 13.03 min Scan# 3502
Delta R.T. 0.26 min
Lab File: VN060380.D
Acq: 6 Mar 2020 15:06

Tgt Ion: 91 Resp: 1829
Ion Ratio Lower Upper
91 100
126 33.0 16.7 50.1





#83

tert-Butylbenzene

Concen: 0.264 ug/l

RT: 13.03 min Scan# 3502

Delta R.T. 0.04 min

Lab File: VN060380.D

Acq: 6 Mar 2020 15:06

Instrument :

MSVOA_N

ClientSampleId :

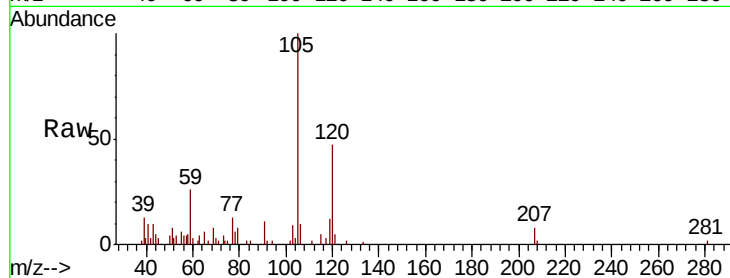
Tot Ion:119 Resp: 2124

Ion Ratio Lower Upper

119 100

91 86.1 33.1 99.2

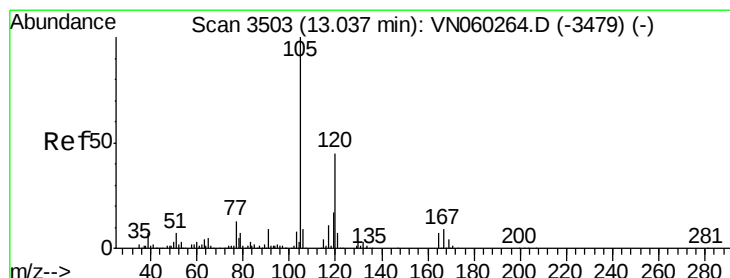
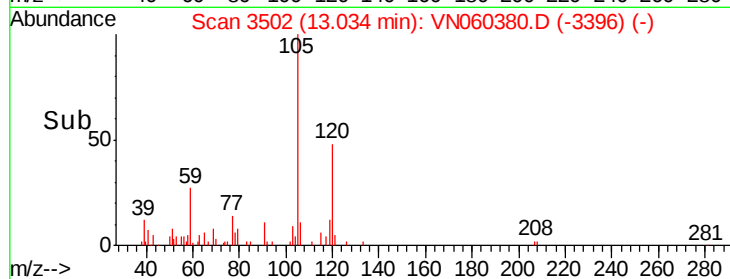
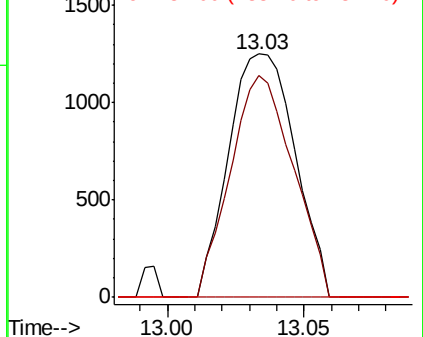
134 0.0 12.4 37.0#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 1.845 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. 0.00 min

Lab File: VN060380.D

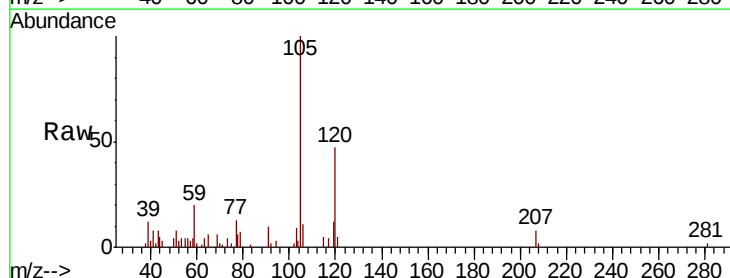
Acq: 6 Mar 2020 15:06

Tgt Ion:105 Resp: 17288

Ion Ratio Lower Upper

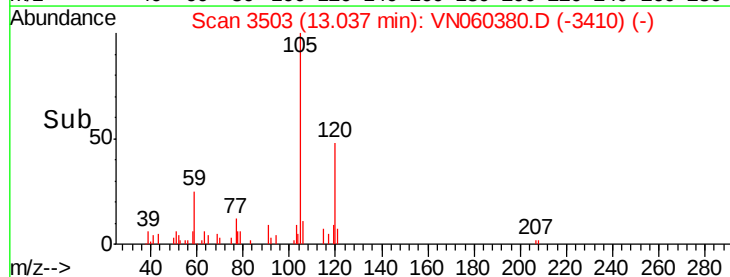
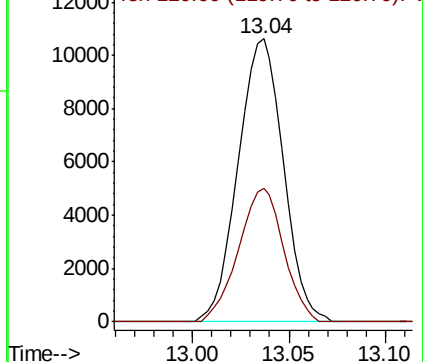
105 100

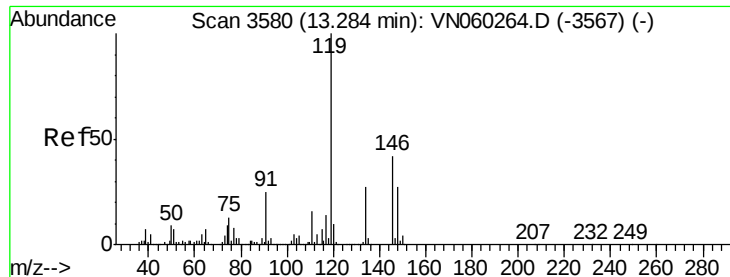
120 47.0 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

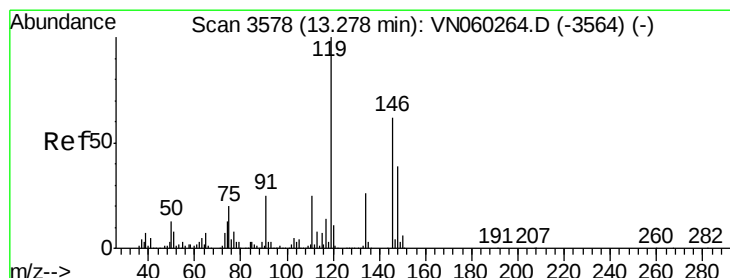
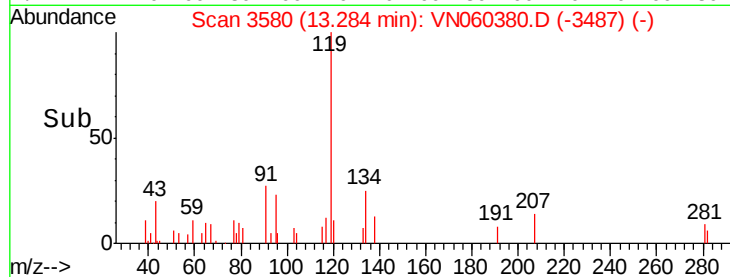
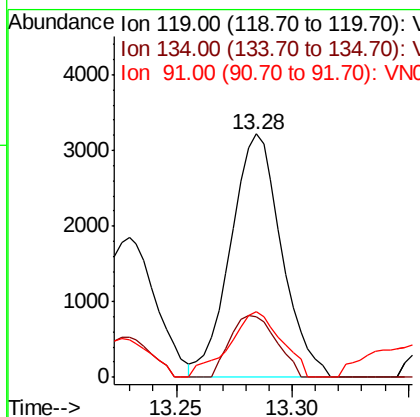
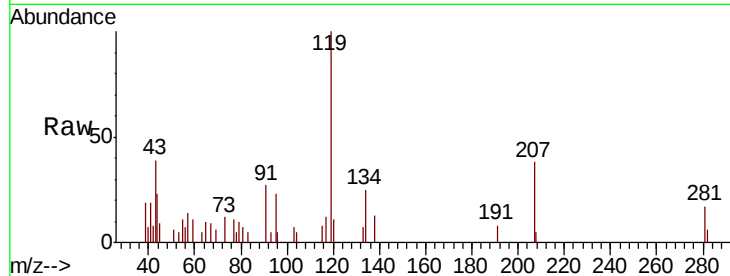




#86
 p-Isopropyltoluene
 Concen: 0.492 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN060380.D
 Acq: 6 Mar 2020 15:06

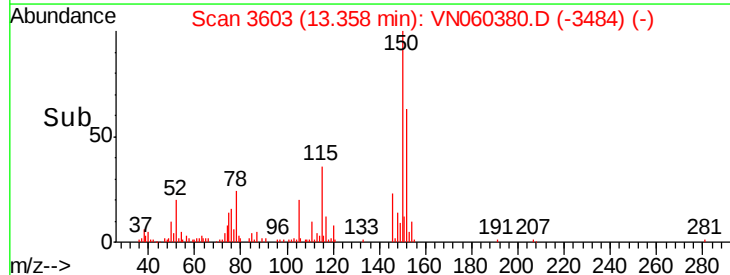
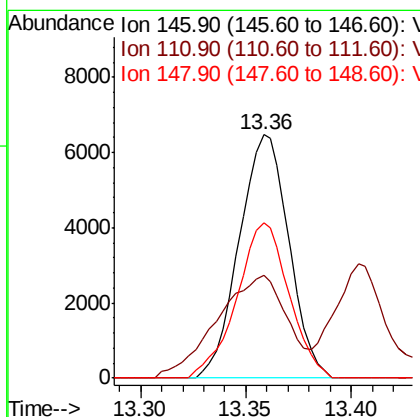
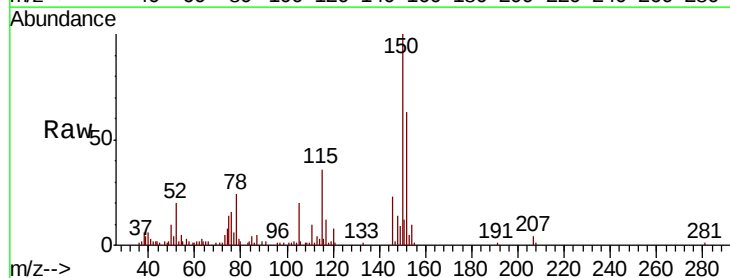
Instrument :
 MSVOA_N
 ClientSampleId :

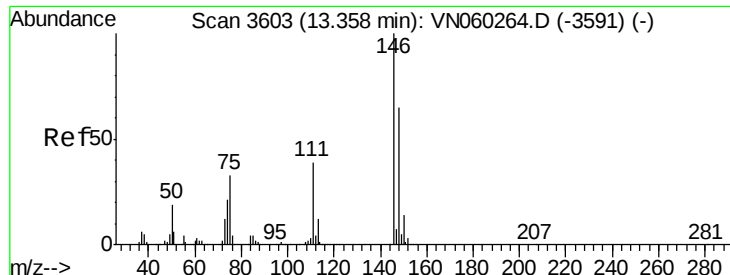
Tot Ion:119 Resp: 4904
 Ion Ratio Lower Upper
 119 100
 134 23.2 13.2 39.6
 91 27.6 12.2 36.6



#87
 1,3-Dichlorobenzene
 Concen: 2.101 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. 0.08 min
 Lab File: VN060380.D
 Acq: 6 Mar 2020 15:06

Tgt Ion:146 Resp: 10600
 Ion Ratio Lower Upper
 146 100
 111 60.4 20.0 59.9#
 148 66.8 32.1 96.3





#88
 1,4-Dichlorobenzene
 Concen: 1.965 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN060380.D
 Acq: 6 Mar 2020 15:06

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	60.4	19.8	59.4#
148	66.8	32.3	96.9

